Astrodienst Ephemeris Tables

from the year 2050 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

JANUARY 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 31 33	24♐29'01	0♒12	25°R39	1♑12	5♈48	9♏17	16♎25	17♎ 8	11°R51	24°R27	19°R 4	20♒44	14♈25	n.a.	F 1
S 2	5 35 30	25°29'34	13° 8	24♐31	2°27	6°11	9°29	16°29	17°10	11♉50	24♈27	19°D 2	20°41	14°32	n.a.	S 2
S 3	5 39 27	26°30'05	25°42	23°23	3°42	6°34	9°40	16°33	17°12	11°49	24°26	19♒ 2	20°38	14°39	n.a.	S 3
M 4	5 43 23	27°30'34	7♓58	22°16	4°56	6°57	9°52	16°37	17°14	11°48	24°26	19° 3	20°35	14°45	n.a.	M 4
T 5	5 47 20	28°31'01	20° 0	21°12	6°11	7°20	10° 3	16°40	17°16	11°47	24°25	19° 4	20°31	14°52	n.a.	T 5
W 6	5 51 16	29°31'25	1♈54	20°12	7°26	7°44	10°15	16°44	17°17	11°46	24°25	19°R 4	20°28	14°59	n.a.	W 6
T 7	5 55 13	0♑31'48	13°44	19°18	8°41	8° 8	10°26	16°47	17°19	11°45	24°25	19° 3	20°25	15° 5	n.a.	T 7
F 8	5 59 9	1°32'08	25°36	18°30	9°56	8°33	10°37	16°50	17°21	11°44	24°24	19° 0	20°22	15°12	n.a.	F 8
S 9	6 3 6	2°32'26	7♉35	17°48	11°10	8°57	10°48	16°54	17°22	11°43	24°24	18°55	20°19	15°19	n.a.	S 9
S 10	6 7 2	3°32'42	19°43	17°14	12°25	9°22	10°59	16°57	17°24	11°42	24°24	18°48	20°15	15°26	n.a.	S 10
M11	6 10 59	4°32'56	2♊ 5	16°47	13°40	9°48	11°10	17° 0	17°25	11°41	24°23	18°40	20°12	15°32	n.a.	M11
T 12	6 14 55	5°33'08	14°42	16°28	14°55	10°13	11°20	17° 3	17°27	11°40	24°23	18°32	20° 9	15°39	n.a.	T 12
W13	6 18 52	6°33'17	27°34	16°15	16° 9	10°39	11°31	17° 6	17°28	11°39	24°23	18°24	20° 6	15°46	n.a.	W13
T 14	6 22 49	7°33'25	10♋42	16°D10	17°24	11° 5	11°42	17° 9	17°29	11°38	24°22	18°18	20° 3	15°52	n.a.	T 14
F 15	6 26 45	8°33'31	24° 3	16°11	18°39	11°31	11°52	17°12	17°31	11°38	24°22	18°14	20° 0	15°59	n.a.	F 15
S 16	6 30 42	9°33'34	7♌37	16°19	19°53	11°57	12° 2	17°14	17°32	11°37	24°22	18°11	19°56	16° 6	n.a.	S 16
S 17	6 34 38	10°33'36	21°22	16°32	21° 8	12°23	12°13	17°17	17°33	11°36	24°22	18°D11	19°53	16°12	n.a.	S 17
M18	6 38 35	11°33'36	5♍15	16°51	22°22	12°50	12°23	17°19	17°34	11°35	24°22	18°12	19°50	16°19	n.a.	M18
T 19	6 42 31	12°33'33	19°15	17°16	23°37	13°17	12°33	17°22	17°35	11°35	24°21	18°13	19°47	16°26	n.a.	T 19
W20	6 46 28	13°33'29	3♎20	17°45	24°52	13°44	12°43	17°24	17°36	11°34	24°21	18°15	19°44	16°33	n.a.	W20
T 21	6 50 24	14°33'23	17°29	18°19	26° 6	14°12	12°52	17°26	17°37	11°34	24°21	18°R15	19°41	16°39	n.a.	T 21
F 22	6 54 21	15°33'16	1♏41	18°57	27°21	14°39	13° 2	17°28	17°38	11°33	24°21	18°14	19°37	16°46	n.a.	F 22
S 23	6 58 18	16°33'06	15°53	19°39	28°35	15° 7	13°12	17°30	17°39	11°32	24°21	18°11	19°34	16°53	n.a.	S 23
S 24	7 2 14	17°32'55	0♐ 2	20°25	29°49	15°35	13°21	17°32	17°40	11°32	24°21	18° 8	19°31	16°59	n.a.	S 24
M25	7 6 11	18°32'42	14° 6	21°15	1♒ 4	16° 3	13°31	17°34	17°41	11°31	24°D21	18° 3	19°28	17° 6	n.a.	M25
T 26	7 10 7	19°32'27	27°59	22° 7	2°18	16°31	13°40	17°36	17°41	11°31	24°21	17°58	19°25	17°13	n.a.	T 26
W27	7 14 4	20°32'10	11♑39	23° 3	3°33	17° 0	13°49	17°37	17°42	11°31	24°21	17°54	19°21	17°19	n.a.	W27
T 28	7 18 0	21°31'50	25° 3	24° 1	4°47	17°28	13°58	17°39	17°43	11°30	24°21	17°52	19°18	17°26	n.a.	T 28
F 29	7 21 57	22°31'29	8♒10	25° 3	6° 1	17°57	14° 7	17°40	17°43	11°30	24°21	17°50	19°15	17°33	n.a.	F 29
S 30	7 25 53	23°31'05	20°58	26° 6	7°16	18°26	14°16	17°42	17°44	11°30	24°21	17°D50	19°12	17°40	n.a.	S 30
S 31	7 29 50	24♑30'38	3♓28	27♐12	8♒30	18♈55	14♏24	17♎43	17♎44	11♉29	24♈22	17♒50	19♒ 9	17♈46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s49	22s 8	1s39	20s15	3n37	25s10	1s14	3n23	1n 8	14s16	0n39	4s27	2n20	6s24	0n30	14n15	1s32	1n11	9s 8	15s25	14s53	9n36		n.a.
S 2	23 51	17 43	0 32	20 5	3 44	25 10	1 15	3 33	1 9	14 20	0 39	4 28	2 20	6 25	0 30	14 14	1 32	1 11	9 8	15 25	14 54	9 40		n.a.
S 3	23 53	12 39	0n36	19 57	3 49	25 9	1 17	3 43	1 10	14 24	0 39	4 29	2 20	6 26	0 30	14 14	1 32	1 11	9 8	15 25	14 55	9 43		n.a.
M 4	23 54	7 12	1 40	19 51	3 51	25 8	1 18	3 53	1 10	14 28	0 39	4 30	2 20	6 26	0 30	14 14	1 32	1 11	9 7	15 25	14 56	9 46		n.a.
T 5	23 55	1 37	2 39	19 47	3 52	25 6	1 19	4 3	1 11	14 31	0 39	4 32	2 20	6 27	0 30	14 14	1 32	1 11	9 7	15 25	14 57	9 49		n.a.
W 6	23 56	3n58	3 30	19 44	3 50	25 3	1 20	4 13	1 11	14 35	0 39	4 33	2 21	6 28	0 30	14 13	1 32	1 11	9 7	15 25	14 58	9 52		n.a.
T 7	23 56	9 23	4 12	19 44	3 46	24 59	1 21	4 23	1 12	14 39	0 38	4 34	2 21	6 28	0 30	14 13	1 32	1 11	9 7	15 25	14 59	9 55		n.a.
F 8	23 55	14 28	4 43	19 45	3 41	24 54	1 22	4 34	1 13	14 42	0 38	4 35	2 21	6 29	0 30	14 13	1 32	1 11	9 7	15 26	15 0	9 58		n.a.
S 9	23 54	19 4	5 2	19 48	3 34	24 49	1 22	4 44	1 13	14 46	0 38	4 36	2 21	6 29	0 30	14 13	1 32	1 11	9 6	15 28	15 1	10 2		n.a.
S 10	23 53	22 57	5 8	19 53	3 26	24 43	1 23	4 55	1 14	14 49	0 38	4 37	2 21	6 30	0 30	14 12	1 32	1 12	9 6	15 30	15 2	10 5		n.a.
M11	23 51	25 53	5 0	20 0	3 17	24 36	1 24	5 5	1 14	14 53	0 38	4 38	2 21	6 31	0 30	14 12	1 32	1 12	9 6	15 32	15 3	10 8		n.a.
T 12	23 49	27 37	4 37	20 8	3 7	24 29	1 24	5 16	1 15	14 56	0 38	4 39	2 22	6 31	0 30	14 12	1 31	1 12	9 6	15 35	15 4	10 11		n.a.
W13	23 46	27 54	4 0	20 17	2 56	24 20	1 25	5 27	1 15	14 59	0 38	4 40	2 22	6 32	0 30	14 12	1 31	1 12	9 5	15 37	15 5	10 14		n.a.
T 14	23 43	26 38	3 9	20 28	2 45	24 11	1 26	5 37	1 15	15 3	0 38	4 41	2 22	6 32	0 30	14 11	1 31	1 12	9 5	15 39	15 6	10 17		n.a.
F 15	23 39	23 50	2 7	20 40	2 33	24 1	1 26	5 48	1 16	15 6	0 38	4 42	2 22	6 33	0 30	14 11	1 31	1 12	9 5	15 41	15 7	10 20		n.a.
S 16	23 35	19 39	0 57	20 52	2 21	23 51	1 26	5 59	1 16	15 9	0 38	4 43	2 22	6 33	0 30	14 11	1 31	1 12	9 5	15 41	15 8	10 23		n.a.
S 17	23 30	14 24	0s17	21 6	2 9	23 40	1 27	6 10	1 17	15 13	0 38	4 44	2 23	6 34	0 30	14 11	1 31	1 13	9 4	15 42	15 9	10 26		n.a.
M18	23 25	8 22	1 32	21 20	1 57	23 28	1 27	6 21	1 17	15 16	0 38	4 45	2 23	6 34	0 30	14 11	1 31	1 13	9 4	15 41	15 10	10 29		n.a.
T 19	23 19	1 53	2 41	21 34	1 45	23 15	1 27	6 32	1 18	15 19	0 38	4 45	2 23	6 34	0 30	14 11	1 31	1 13	9 4	15 41	15 11	10 33		n.a.
W20	23 13	4s43	3 41	21 49	1 33	23 2	1 27	6 43	1 18	15 22	0 38	4 46	2 23	6 35	0 31	14 10	1 31	1 13	9 4	15 40	15 12	10 36		n.a.
T 21	23 7	11 7	4 28	22 4	1 21	22 47	1 27	6 54	1 18	15 25	0 38	4 47	2 23	6 35	0 31	14 10	1 31	1 13	9 3	15 40	15 13	10 39		n.a.
F 22	23 0	16 57	4 59	22 19	1 9	22 33	1 27	7 6	1 19	15 28	0 38	4 47	2 24	6 35	0 31	14 10	1 31	1 13	9 3	15 41	15 14	10 42		n.a.
S 23	22 53	21 53	5 12	22 34	0 57	22 17	1 27	7 17	1 19	15 31	0 38	4 48	2 24	6 36	0 31	14 10	1 31	1 14	9 3	15 41	15 15	10 45		n.a.
S 24	22 45	25 32	5 5	22 49	0 46	22 1	1 27	7 28	1 19	15 34	0 38	4 48	2 24	6 36	0 31	14 10	1 31	1 14	9 3	15 43	15 16	10 48		n.a.
M25	22 37	27 36	4 41	23 3	0 35	21 45	1 27	7 40	1 20	15 37	0 38	4 49	2 24	6 36	0 31	14 10	1 31	1 14	9 2	15 44	15 17	10 51		n.a.
T 26	22 28	27 54	4 0	23 18	0 24	21 27	1 27	7 51	1 20	15 40	0 38	4 49	2 24	6 37	0 31	14 10	1 31	1 14	9 2	15 45	15 18	10 54		n.a.
W27	22 19	26 29	3 5	23 31	0 13	21 9	1 26	8 2	1 20	15 42	0 38	4 50	2 25	6 37	0 31	14 10	1 31	1 15	9 2	15 47	15 19	10 57		n.a.
T 28	22 10	23 33	2 2	23 44	0 3	20 51	1 26	8 14	1 21	15 45	0 38	4 50	2 25	6 37	0 31	14 10	1 31	1 15	9 2	15 48	15 20	11 0		n.a.
F 29	22 0	19 27	0 53	23 57	0s 7	20 32	1 26	8 25	1 21	15 48	0 38	4 51	2 25	6 37	0 31	14 10	1 31	1 15	9 2	15 48	15 21	11 3		n.a.
S 30	21 50	14 32	0n17	24 9	0 16	20 12	1 25	8 37	1 21	15 50	0 38	4 51	2 25	6 37	0 31	14 10	1 30	1 15	9 1	15 48	15 22	11 6		n.a.
S 31	21s40	9s 7	1n25	24s20	0s26	19s52	1s24	8n49	1n21	15s53	0n38	4s51	2n25	6s38	0n31	14n 9	1s30	1n16	9s 1	15s48	15s23	11n 9		n.a.

Julian Day Number = 972660.5, Delta T = 13h23m24s
Ecliptic obliquity = 23°55'52, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°20'01, Lahiri = -32°13'00 Julian Calendar 1 Jan. 2050 BCE == Greg. Calendar 15 Dec. 2051 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

FEBRUARY 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 33 47	25♉30'09	15♓43	28♐21	9♒44	19♈24	14♏33	17♎44	17♎44	11°R29	24♈22	17♒52	19♒ 6	17♈53	n.a.	M 1
T 2	7 37 43	26°29'38	27°47	29°31	10°59	19°54	14°41	17°45	17°45	11♉29	24°22	17°54	19° 2	18° 0	n.a.	T 2
W 3	7 41 40	27°29'04	9♈42	0♉44	12°13	20°23	14°49	17°46	17°45	11°29	24°22	17°55	18°59	18° 6	n.a.	W 3
T 4	7 45 36	28°28'28	21°34	1°58	13°27	20°53	14°57	17°47	17°45	11°29	24°22	17°56	18°56	18°13	n.a.	T 4
F 5	7 49 33	29°27'50	3♉27	3°15	14°41	21°23	15° 5	17°47	17°45	11°28	24°23	17°R56	18°53	18°20	n.a.	F 5
S 6	7 53 29	0♒27'09	15°26	4°33	15°55	21°53	15°13	17°48	17°46	11°28	24°23	17°55	18°50	18°27	n.a.	S 6
S 7	7 57 26	1°26'25	27°35	5°53	17°10	22°23	15°21	17°49	17°46	11°28	24°23	17°54	18°47	18°33	n.a.	S 7
M 8	8 1 22	2°25'39	10♊ 0	7°14	18°24	22°53	15°28	17°49	17°R46	11°D28	24°23	17°52	18°43	18°40	n.a.	M 8
T 9	8 5 19	3°24'51	22°42	8°38	19°38	23°24	15°36	17°49	17°46	11°28	24°24	17°50	18°40	18°47	n.a.	T 9
W10	8 9 15	4°24'00	5♋43	10° 3	20°52	23°54	15°43	17°50	17°46	11°28	24°24	17°48	18°37	18°53	n.a.	W10
T 11	8 13 12	5°23'07	19° 5	11°29	22° 6	24°25	15°50	17°50	17°45	11°29	24°24	17°46	18°34	19° 0	n.a.	T 11
F 12	8 17 9	6°22'12	2♌47	12°57	23°20	24°56	15°57	17°R50	17°45	11°29	24°25	17°45	18°31	19° 7	n.a.	F 12
S 13	8 21 5	7°21'14	16°46	14°27	24°34	25°26	16° 4	17°50	17°45	11°29	24°25	17°D45	18°27	19°13	n.a.	S 13
S 14	8 25 2	8°20'14	0♍58	15°58	25°47	25°57	16°11	17°50	17°45	11°29	24°26	17°45	18°24	19°20	n.a.	S 14
M15	8 28 58	9°19'12	15°19	17°30	27° 1	26°28	16°17	17°50	17°44	11°29	24°26	17°46	18°21	19°27	n.a.	M15
T 16	8 32 55	10°18'08	29°44	19° 4	28°15	27° 0	16°24	17°49	17°44	11°29	24°27	17°46	18°18	19°34	n.a.	T 16
W17	8 36 51	11°17'02	14♎ 9	20°40	29°29	27°31	16°30	17°49	17°43	11°30	24°27	17°47	18°15	19°40	n.a.	W17
T 18	8 40 48	12°15'54	28°29	22°17	0♓43	28° 2	16°36	17°48	17°43	11°30	24°28	17°47	18°12	19°47	n.a.	T 18
F 19	8 44 44	13°14'44	12♏42	23°55	1°57	28°34	16°42	17°48	17°42	11°30	24°28	17°R48	18° 8	19°54	n.a.	F 19
S 20	8 48 41	14°13'32	26°46	25°35	3°10	29° 5	16°48	17°47	17°42	11°31	24°29	17°47	18° 5	20° 0	n.a.	S 20
S 21	8 52 37	15°12'19	10♐38	27°17	4°24	29°37	16°53	17°46	17°41	11°31	24°29	17°47	18° 2	20° 7	n.a.	S 21
M22	8 56 34	16°11'04	24°18	29° 0	5°38	0♉ 9	16°59	17°45	17°40	11°32	24°30	17°47	17°59	20°14	n.a.	M22
T 23	9 0 31	17° 9'47	7♑44	0♒44	6°51	0°41	17° 4	17°44	17°40	11°32	24°31	17°47	17°56	20°21	n.a.	T 23
W24	9 4 27	18° 8'28	20°58	2°30	8° 5	1°13	17° 9	17°43	17°39	11°33	24°31	17°D47	17°53	20°27	n.a.	W24
T 25	9 8 24	19° 7'06	3♒57	4°17	9°19	1°45	17°14	17°42	17°38	11°33	24°32	17°47	17°49	20°34	n.a.	T 25
F 26	9 12 20	20° 5'43	16°43	6° 6	10°32	2°17	17°19	17°41	17°37	11°34	24°33	17°R47	17°46	20°41	n.a.	F 26
S 27	9 16 17	21° 4'18	29°16	7°57	11°46	2°49	17°23	17°39	17°36	11°35	24°33	17°47	17°43	20°47	n.a.	S 27
S 28	9 20 13	22♒ 2'50	11♓37	9♒49	12♓59	3♉22	17♏28	17♎38	17♎35	11♉35	24♈34	17♒47	17♒40	20♈54	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21 s29	3 s29	2n28	24 s30	0 s35	19 s31	1 s24	9n 0	1n22	15 s56	0n38	4 s52	2n26	6 s38	0n31	14n 9	1 s30	1n16	9 s 1	15 s48	15 s24	11n13		n.a.
T 2	21 17	2n11	3 23	24 39	0 43	19 10	1 23	9 12	1 22	15 58	0 38	4 52	2 26	6 38	0 31	14 9	1 30	1 16	9 1	15 47	15 25	11 16		n.a.
W 3	21 5	7 42	4 8	24 47	0 51	18 48	1 22	9 23	1 22	16 1	0 38	4 52	2 26	6 38	0 31	14 9	1 30	1 16	9 0	15 47	15 26	11 19		n.a.
T 4	20 53	12 56	4 43	24 54	0 59	18 25	1 21	9 35	1 23	16 3	0 38	4 52	2 26	6 38	0 31	14 9	1 30	1 17	9 0	15 46	15 27	11 22		n.a.
F 5	20 41	17 41	5 5	25 0	1 7	18 3	1 21	9 47	1 23	16 5	0 38	4 52	2 27	6 38	0 31	14 10	1 30	1 17	9 0	15 46	15 28	11 25		n.a.
S 6	20 28	21 48	5 15	25 5	1 14	17 39	1 20	9 58	1 23	16 8	0 38	4 52	2 27	6 38	0 31	14 10	1 30	1 17	9 0	15 46	15 29	11 28		n.a.
S 7	20 15	25 4	5 11	25 9	1 21	17 15	1 19	10 10	1 23	16 10	0 38	4 52	2 27	6 38	0 31	14 10	1 30	1 18	8 59	15 47	15 30	11 31		n.a.
M 8	20 1	27 13	4 52	25 11	1 27	16 51	1 17	10 22	1 23	16 12	0 38	4 52	2 27	6 38	0 31	14 10	1 30	1 18	8 59	15 47	15 31	11 34		n.a.
T 9	19 47	28 2	4 19	25 12	1 33	16 26	1 16	10 34	1 24	16 14	0 38	4 52	2 27	6 38	0 31	14 10	1 30	1 18	8 59	15 48	15 32	11 37		n.a.
W10	19 33	27 20	3 32	25 11	1 39	16 1	1 15	10 45	1 24	16 17	0 38	4 52	2 28	6 38	0 31	14 10	1 30	1 19	8 59	15 49	15 33	11 40		n.a.
T 11	19 19	25 3	2 32	25 9	1 44	15 35	1 14	10 57	1 24	16 19	0 38	4 52	2 28	6 38	0 31	14 10	1 30	1 19	8 58	15 49	15 34	11 43		n.a.
F 12	19 4	21 16	1 22	25 5	1 49	15 9	1 12	11 9	1 24	16 21	0 38	4 52	2 28	6 38	0 31	14 10	1 30	1 19	8 58	15 50	15 35	11 46		n.a.
S 13	18 49	16 13	0 5	25 0	1 53	14 43	1 11	11 20	1 24	16 23	0 38	4 52	2 28	6 38	0 31	14 10	1 30	1 20	8 58	15 50	15 36	11 49		n.a.
S 14	18 33	10 14	1 s13	24 53	1 57	14 16	1 10	11 32	1 25	16 25	0 38	4 51	2 28	6 38	0 31	14 10	1 30	1 20	8 58	15 50	15 37	11 52		n.a.
M15	18 17	3 39	2 27	24 45	2 0	13 49	1 8	11 44	1 25	16 27	0 38	4 51	2 29	6 37	0 31	14 10	1 29	1 21	8 57	15 49	15 38	11 55		n.a.
T 16	18 1	3 s 7	3 32	24 34	2 3	13 22	1 6	11 55	1 25	16 29	0 38	4 51	2 29	6 37	0 31	14 10	1 29	1 21	8 57	15 49	15 39	11 58		n.a.
W17	17 45	9 44	4 24	24 23	2 6	12 54	1 5	12 7	1 25	16 30	0 38	4 50	2 29	6 37	0 31	14 11	1 29	1 21	8 57	15 49	15 40	12 1		n.a.
T 18	17 28	15 48	4 59	24 9	2 8	12 26	1 3	12 19	1 25	16 32	0 38	4 50	2 29	6 37	0 31	14 11	1 29	1 22	8 57	15 49	15 41	12 4		n.a.
F 19	17 11	20 58	5 16	23 53	2 9	11 57	1 1	12 30	1 25	16 34	0 38	4 50	2 29	6 37	0 31	14 11	1 29	1 22	8 56	15 49	15 42	12 7		n.a.
S 20	16 54	24 54	5 13	23 36	2 11	11 28	1 0	12 42	1 25	16 36	0 38	4 49	2 30	6 36	0 31	14 11	1 29	1 23	8 56	15 49	15 43	12 10		n.a.
S 21	16 36	27 19	4 52	23 16	2 11	10 59	0 58	12 54	1 26	16 37	0 38	4 49	2 30	6 36	0 31	14 11	1 29	1 23	8 56	15 49	15 44	12 13		n.a.
M22	16 19	28 3	4 15	22 55	2 11	10 30	0 56	13 5	1 26	16 39	0 38	4 48	2 30	6 36	0 31	14 12	1 29	1 24	8 56	15 49	15 45	12 16		n.a.
T 23	16 1	27 6	3 24	22 32	2 11	10 0	0 54	13 17	1 26	16 40	0 38	4 48	2 30	6 35	0 31	14 12	1 29	1 24	8 56	15 49	15 46	12 19		n.a.
W24	15 42	24 37	2 23	22 7	2 10	9 31	0 52	13 28	1 26	16 42	0 38	4 47	2 30	6 35	0 31	14 12	1 29	1 24	8 55	15 49	15 47	12 22		n.a.
T 25	15 24	20 53	1 16	21 40	2 9	9 0	0 50	13 40	1 26	16 43	0 38	4 46	2 31	6 35	0 31	14 12	1 29	1 25	8 55	15 49	15 48	12 25		n.a.
F 26	15 5	16 14	0 6	21 10	2 7	8 30	0 48	13 51	1 26	16 45	0 38	4 46	2 31	6 34	0 31	14 12	1 29	1 25	8 55	15 49	15 49	12 28		n.a.
S 27	14 46	10 59	1n 3	20 39	2 4	8 0	0 46	14 3	1 26	16 46	0 38	4 45	2 31	6 34	0 31	14 13	1 29	1 26	8 55	15 49	15 50	12 31		n.a.
S 28	14 s27	5 s23	2n 8	20 s 6	2 s 1	7 s29	0 s43	14n14	1n26	16 s47	0n38	4 s44	2n31	6 s34	0n31	14n13	1 s29	1n26	8 s54	15 s49	15 s51	12n34		n.a.

Julian Day Number = 972691.5, Delta T = 13h23m21s
Ecliptic obliquity = 23°55'52, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'57, Lahiri = -32°12'56 Julian Calendar 1 Feb. 2050 BCE == Greg. Calendar 15 Jan. 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

MARCH 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 24 10	23♒ 1'20	23♓46	11♒43	14♓13	3♉54	17♏32	17°R36	17°R34	11♉36	24♈35	17°R46	17♒37	21♈ 1	n.a.	M 1
T 2	9 28 6	23°59'48	5♈47	13°38	15°26	4°27	17°36	17♎35	17♎33	11°37	24°35	17♒45	17°33	21° 7	n.a.	T 2
W 3	9 32 3	24°58'14	17°41	15°34	16°39	4°59	17°40	17°33	17°32	11°37	24°36	17°44	17°30	21°14	n.a.	W 3
T 4	9 35 59	25°56'38	29°33	17°32	17°53	5°32	17°44	17°31	17°31	11°38	24°37	17°44	17°27	21°21	n.a.	T 4
F 5	9 39 56	26°54'59	11♉26	19°32	19° 6	6° 5	17°48	17°29	17°30	11°39	24°38	17°43	17°24	21°28	n.a.	F 5
S 6	9 43 53	27°53'18	23°24	21°33	20°19	6°38	17°51	17°27	17°28	11°40	24°39	17°D42	17°21	21°34	n.a.	S 6
S 7	9 47 49	28°51'35	5♊32	23°35	21°32	7°11	17°54	17°25	17°27	11°41	24°40	17°42	17°18	21°41	n.a.	S 7
M 8	9 51 46	29°49'50	17°54	25°39	22°46	7°44	17°57	17°23	17°26	11°42	24°40	17°43	17°14	21°48	n.a.	M 8
T 9	9 55 42	0♓48'03	0♋35	27°44	23°59	8°17	18° 0	17°21	17°24	11°43	24°41	17°44	17°11	21°54	n.a.	T 9
W10	9 59 39	1°46'13	13°38	29°50	25°12	8°50	18° 3	17°18	17°23	11°44	24°42	17°45	17° 8	22° 1	n.a.	W10
T 11	10 3 35	2°44'21	27° 5	1♓56	26°25	9°23	18° 5	17°16	17°21	11°45	24°43	17°46	17° 5	22° 8	n.a.	T 11
F 12	10 7 32	3°42'27	10♌57	4° 4	27°38	9°57	18° 8	17°13	17°20	11°46	24°44	17°R47	17° 2	22°15	n.a.	F 12
S 13	10 11 28	4°40'31	25°12	6°12	28°51	10°30	18°10	17°11	17°18	11°47	24°45	17°47	16°59	22°21	n.a.	S 13
S 14	10 15 25	5°38'33	9♍46	8°21	0♈ 4	11° 4	18°12	17° 8	17°17	11°48	24°46	17°46	16°55	22°28	n.a.	S 14
M15	10 19 21	6°36'34	24°33	10°30	1°17	11°37	18°14	17° 5	17°15	11°49	24°47	17°44	16°52	22°35	n.a.	M15
T 16	10 23 18	7°34'32	9♎26	12°38	2°30	12°11	18°15	17° 3	17°13	11°50	24°48	17°42	16°49	22°41	n.a.	T 16
W17	10 27 15	8°32'29	24°16	14°46	3°42	12°44	18°17	17° 0	17°12	11°51	24°49	17°39	16°46	22°48	n.a.	W17
T 18	10 31 11	9°30'25	8♏56	16°54	4°55	13°18	18°18	16°57	17°10	11°52	24°50	17°37	16°43	22°55	n.a.	T 18
F 19	10 35 8	10°28'19	23°21	19° 0	6° 8	13°52	18°19	16°54	17° 8	11°54	24°51	17°35	16°39	23° 2	n.a.	F 19
S 20	10 39 4	11°26'11	7♐28	21° 5	7°21	14°26	18°20	16°51	17° 6	11°55	24°52	17°D34	16°36	23° 8	n.a.	S 20
S 21	10 43 1	12°24'03	21°15	23° 9	8°33	14°59	18°20	16°48	17° 5	11°56	24°53	17°34	16°33	23°15	n.a.	S 21
M22	10 46 57	13°21'52	4♑42	25°10	9°46	15°33	18°21	16°44	17° 3	11°58	24°54	17°35	16°30	23°22	n.a.	M22
T 23	10 50 54	14°19'41	17°51	27°10	10°59	16° 7	18°21	16°41	17° 1	11°59	24°55	17°37	16°27	23°28	n.a.	T 23
W24	10 54 50	15°17'28	0♒44	29° 7	12°11	16°42	18°R21	16°38	16°59	12° 0	24°56	17°38	16°24	23°35	n.a.	W24
T 25	10 58 47	16°15'14	13°23	1♈ 1	13°24	17°16	18°21	16°34	16°57	12° 2	24°58	17°R39	16°20	23°42	n.a.	T 25
F 26	11 2 44	17°12'58	25°50	2°53	14°36	17°50	18°21	16°31	16°55	12° 3	24°59	17°39	16°17	23°49	n.a.	F 26
S 27	11 6 40	18°10'40	8♓ 7	4°42	15°48	18°24	18°20	16°27	16°53	12° 5	25° 0	17°37	16°14	23°55	n.a.	S 27
S 28	11 10 37	19° 8'21	20°15	6°28	17° 1	18°59	18°20	16°24	16°51	12° 6	25° 1	17°34	16°11	24° 2	n.a.	S 28
M29	11 14 33	20° 6'01	2♈16	8°10	18°13	19°33	18°19	16°20	16°49	12° 8	25° 2	17°30	16° 8	24° 9	n.a.	M29
T 30	11 18 30	21° 3'39	14°12	9°49	19°25	20° 7	18°18	16°16	16°47	12° 9	25° 3	17°24	16° 4	24°15	n.a.	T 30
W31	11 22 26	22♓ 1'16	26♈ 5	11♈25	20♈38	20♉42	18♏16	16♎12	16♎44	12♉11	25♈ 5	17♒18	16♒ 1	24♈22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s 7	0n19	3n 6	19s31	1s58	6s58	0s41	14n26	1n26	16s49	0n38	4s43	2n31	6s33	0n31	14n13	1s29	1n27	8s54	15s49	15s52	12n37		n.a.
T 2	13 48	5 56	3 56	18 53	1 54	6 27	0 39	14 37	1 27	16 50	0 38	4 43	2 31	6 33	0 31	14 14	1 29	1 27	8 54	15 50	15 53	12 40		n.a.
W 3	13 28	11 17	4 34	18 14	1 49	5 56	0 37	14 48	1 27	16 51	0 38	4 42	2 32	6 32	0 31	14 14	1 29	1 28	8 54	15 50	15 54	12 43		n.a.
T 4	13 8	16 13	5 1	17 32	1 44	5 25	0 34	15 0	1 27	16 52	0 38	4 41	2 32	6 32	0 31	14 14	1 28	1 28	8 54	15 50	15 55	12 46		n.a.
F 5	12 48	20 32	5 15	16 49	1 38	4 53	0 32	15 11	1 27	16 53	0 38	4 40	2 32	6 31	0 31	14 14	1 28	1 29	8 53	15 50	15 56	12 49		n.a.
S 6	12 27	24 4	5 15	16 3	1 32	4 22	0 29	15 22	1 27	16 54	0 38	4 39	2 32	6 31	0 31	14 15	1 28	1 29	8 53	15 50	15 57	12 51		n.a.
S 7	12 7	26 36	5 1	15 16	1 25	3 50	0 27	15 33	1 27	16 55	0 38	4 38	2 32	6 30	0 31	14 15	1 28	1 30	8 53	15 50	15 58	12 54		n.a.
M 8	11 46	27 55	4 34	14 27	1 17	3 18	0 24	15 44	1 27	16 56	0 38	4 37	2 32	6 30	0 31	14 15	1 28	1 30	8 53	15 50	15 59	12 57		n.a.
T 9	11 25	27 48	3 52	13 36	1 10	2 46	0 22	15 55	1 27	16 57	0 38	4 36	2 33	6 29	0 31	14 16	1 28	1 31	8 53	15 50	16 0	13 0		n.a.
W10	11 4	26 10	2 58	12 43	1 1	2 14	0 19	16 6	1 27	16 57	0 38	4 35	2 33	6 29	0 31	14 16	1 28	1 31	8 52	15 50	16 1	13 3		n.a.
T 11	10 42	23 0	1 52	11 49	0 52	1 43	0 17	16 17	1 27	16 58	0 38	4 34	2 33	6 28	0 31	14 16	1 28	1 32	8 52	15 49	16 2	13 6		n.a.
F 12	10 21	18 27	0 38	10 53	0 43	1 11	0 14	16 28	1 27	16 59	0 38	4 33	2 33	6 28	0 31	14 17	1 28	1 32	8 52	15 49	16 3	13 9		n.a.
S 13	10 0	12 45	0s41	9 56	0 33	0 39	0 12	16 39	1 27	16 59	0 38	4 32	2 33	6 27	0 31	14 17	1 28	1 33	8 52	15 49	16 4	13 12		n.a.
S 14	9 38	6 15	1 58	8 58	0 23	0 6	0 9	16 50	1 27	17 0	0 38	4 31	2 33	6 26	0 31	14 18	1 28	1 33	8 52	15 49	16 5	13 15		n.a.
M15	9 16	0s41	3 9	7 59	0 13	0n26	0 6	17 1	1 27	17 0	0 38	4 29	2 34	6 26	0 31	14 18	1 28	1 34	8 51	15 50	16 6	13 18		n.a.
T 16	8 54	7 35	4 7	6 59	0 2	0 58	0 3	17 11	1 27	17 1	0 38	4 28	2 34	6 25	0 31	14 18	1 28	1 34	8 51	15 51	16 7	13 21		n.a.
W17	8 32	14 3	4 49	5 59	0n 9	1 30	0 1	17 22	1 27	17 1	0 38	4 27	2 34	6 24	0 31	14 19	1 28	1 35	8 51	15 51	16 8	13 24		n.a.
T 18	8 10	19 40	5 11	4 59	0 20	2 2	0n 2	17 32	1 27	17 2	0 38	4 26	2 34	6 24	0 31	14 19	1 28	1 35	8 51	15 52	16 9	13 27		n.a.
F 19	7 48	24 2	5 13	3 58	0 31	2 33	0 5	17 43	1 27	17 2	0 38	4 24	2 34	6 23	0 31	14 20	1 28	1 36	8 51	15 53	16 10	13 29		n.a.
S 20	7 25	26 52	4 56	2 58	0 41	3 5	0 8	17 53	1 27	17 2	0 38	4 23	2 34	6 22	0 31	14 20	1 28	1 37	8 50	15 53	16 11	13 32		n.a.
S 21	7 3	27 59	4 22	1 59	0 52	3 37	0 10	18 3	1 27	17 2	0 38	4 22	2 34	6 21	0 31	14 21	1 28	1 37	8 50	15 53	16 12	13 35		n.a.
M22	6 40	27 25	3 34	1 0	1 3	4 9	0 13	18 13	1 27	17 3	0 37	4 20	2 34	6 21	0 31	14 21	1 27	1 38	8 50	15 53	16 13	13 38		n.a.
T 23	6 17	25 18	2 36	0 2	1 13	4 41	0 16	18 24	1 27	17 3	0 37	4 19	2 35	6 20	0 32	14 22	1 27	1 38	8 50	15 52	16 14	13 41		n.a.
W24	5 55	21 54	1 32	0n54	1 23	5 12	0 19	18 34	1 27	17 3	0 37	4 18	2 35	6 19	0 32	14 22	1 27	1 39	8 50	15 52	16 15	13 44		n.a.
T 25	5 32	17 31	0 23	1 49	1 32	5 43	0 22	18 44	1 27	17 3	0 37	4 16	2 35	6 18	0 32	14 23	1 27	1 39	8 50	15 51	16 16	13 47		n.a.
F 26	5 9	12 28	0n45	2 43	1 42	6 15	0 25	18 53	1 27	17 3	0 37	4 15	2 35	6 18	0 32	14 23	1 27	1 40	8 49	15 52	16 17	13 50		n.a.
S 27	4 46	7 1	1 50	3 35	1 50	6 46	0 27	19 3	1 27	17 3	0 37	4 13	2 35	6 17	0 32	14 23	1 27	1 40	8 49	15 52	16 18	13 52		n.a.
S 28	4 23	1 22	2 49	4 25	1 58	7 17	0 30	19 13	1 27	17 2	0 37	4 12	2 35	6 16	0 32	14 24	1 27	1 41	8 49	15 53	16 19	13 55		n.a.
M29	4 0	4n16	3 40	5 13	2 6	7 48	0 33	19 23	1 27	17 2	0 37	4 10	2 35	6 15	0 32	14 25	1 27	1 42	8 49	15 54	16 20	13 58		n.a.
T 30	3 37	9 42	4 20	5 59	2 12	8 18	0 36	19 32	1 27	17 2	0 37	4 9	2 35	6 14	0 32	14 25	1 27	1 42	8 49	15 56	16 21	14 1		n.a.
W31	3s14	14n45	4n50	6n43	2n18	8n49	0n39	19n42	1n27	17s 2	0n37	4s 7	2n35	6s14	0n32	14n26	1s27	1n43	8s49	15s58	16s22	14n 4		n.a.

Julian Day Number = 972719.5, Delta T = 13h23m20s
Ecliptic obliquity = 23°55'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'53, Lahiri = -32°12'52 Julian Calendar 1 March 2050 BCE == Greg. Calendar 12 Feb. 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

APRIL 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 26 23	22♓58'50	7♉56	12♈58	21♈50	21♉16	18°R15	16°R 9	16°R42	12♉12	25♈ 6	17°R12	15♒58	24♈29	n.a.	T 1
F 2	11 30 19	23°56'24	19°49	14°27	23° 2	21°51	18♏13	16♎ 5	16♎40	12°14	25° 7	17♒ 6	15°55	24°36	n.a.	F 2
S 3	11 34 16	24°53'56	1♊46	15°52	24°14	22°26	18°12	16° 1	16°38	12°15	25° 8	17° 2	15°52	24°42	n.a.	S 3
S 4	11 38 12	25°51'26	13°53	17°14	25°26	23° 0	18°10	15°57	16°36	12°17	25°10	17° 0	15°49	24°49	n.a.	S 4
M 5	11 42 9	26°48'55	26°12	18°32	26°38	23°35	18° 8	15°53	16°33	12°19	25°11	16°D59	15°45	24°56	n.a.	M 5
T 6	11 46 6	27°46'22	8♋49	19°47	27°50	24°10	18° 5	15°49	16°31	12°20	25°12	16°59	15°42	25° 2	n.a.	T 6
W 7	11 50 2	28°43'48	21°47	20°57	29° 2	24°45	18° 3	15°45	16°29	12°22	25°13	17° 1	15°39	25° 9	n.a.	W 7
T 8	11 53 59	29°41'12	5♌11	22° 4	0♉14	25°20	18° 0	15°41	16°26	12°24	25°15	17° 2	15°36	25°16	n.a.	T 8
F 9	11 57 55	0♈38'35	19° 3	23° 7	1°25	25°55	17°57	15°37	16°24	12°26	25°16	17°R 2	15°33	25°23	n.a.	F 9
S 10	12 1 52	1°35'56	3♍22	24° 7	2°37	26°30	17°54	15°33	16°22	12°27	25°17	17° 1	15°30	25°29	n.a.	S 10
S 11	12 5 48	2°33'16	18° 5	25° 2	3°49	27° 5	17°51	15°28	16°19	12°29	25°19	16°58	15°26	25°36	n.a.	S 11
M12	12 9 45	3°30'35	3♎ 7	25°53	5° 0	27°40	17°47	15°24	16°17	12°31	25°20	16°54	15°23	25°43	n.a.	M12
T 13	12 13 41	4°27'52	18°19	26°40	6°12	28°15	17°44	15°20	16°15	12°33	25°21	16°47	15°20	25°49	n.a.	T 13
W14	12 17 38	5°25'09	3♏30	27°22	7°23	28°50	17°40	15°16	16°12	12°35	25°23	16°40	15°17	25°56	n.a.	W14
T 15	12 21 35	6°22'25	18°31	28° 1	8°35	29°25	17°36	15°11	16°10	12°36	25°24	16°33	15°14	26° 3	n.a.	T 15
F 16	12 25 31	7°19'40	3♐12	28°35	9°46	0♊ 1	17°32	15° 7	16° 7	12°38	25°25	16°28	15°10	26°10	n.a.	F 16
S 17	12 29 28	8°16'55	17°30	29° 5	10°57	0°36	17°28	15° 3	16° 5	12°40	25°27	16°24	15° 7	26°16	n.a.	S 17
S 18	12 33 24	9°14'09	1♑21	29°30	12° 9	1°11	17°23	14°58	16° 3	12°42	25°28	16°22	15° 4	26°23	n.a.	S 18
M19	12 37 21	10°11'22	14°46	29°51	13°20	1°47	17°19	14°54	16° 0	12°44	25°29	16°D22	15° 1	26°30	n.a.	M19
T 20	12 41 17	11° 8'35	27°48	0♉ 7	14°31	2°22	17°14	14°50	15°58	12°46	25°31	16°23	14°58	26°36	n.a.	T 20
W21	12 45 14	12° 5'47	10♒30	0°18	15°42	2°58	17° 9	14°45	15°55	12°48	25°32	16°R23	14°55	26°43	n.a.	W21
T 22	12 49 11	13° 2'59	22°56	0°25	16°53	3°33	17° 4	14°41	15°53	12°50	25°33	16°23	14°51	26°50	n.a.	T 22
F 23	12 53 7	14° 0'10	5♓10	0°R27	18° 4	4° 9	16°59	14°37	15°50	12°52	25°35	16°21	14°48	26°57	n.a.	F 23
S 24	12 57 4	14°57'20	17°15	0°25	19°15	4°45	16°54	14°32	15°48	12°54	25°36	16°17	14°45	27° 3	n.a.	S 24
S 25	13 1 0	15°54'30	29°13	0°19	20°26	5°20	16°48	14°28	15°45	12°56	25°38	16°11	14°42	27°10	n.a.	S 25
M26	13 4 57	16°51'39	11♈ 8	0° 8	21°37	5°56	16°43	14°23	15°43	12°58	25°39	16° 2	14°39	27°17	n.a.	M26
T 27	13 8 53	17°48'48	23° 0	29♈53	22°47	6°32	16°37	14°19	15°40	13° 0	25°40	15°51	14°36	27°23	n.a.	T 27
W28	13 12 50	18°45'56	4♉52	29°34	23°58	7° 8	16°31	14°15	15°38	13° 2	25°42	15°39	14°32	27°30	n.a.	W28
T 29	13 16 46	19°43'04	16°44	29°12	25° 9	7°44	16°25	14°10	15°35	13° 4	25°43	15°28	14°29	27°37	n.a.	T 29
F 30	13 20 43	20♈40'11	28♉39	28♈47	26♉19	8♊19	16♏19	14♎ 6	15♎33	13♉ 6	25♈45	15♒17	14♒26	27♈44	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s50	19n15	5n 6	7n25	2n24	9n19	0n42	19n51	1n27	17s 1	0n37	4s 6	2n35	6s13	0n32	14n26	1s27	1n43	8s49	16s 0	16s23	14n 7		n.a.
F 2	2 27	23 1	5 10	8 5	2 29	9 49	0 44	20 0	1 27	17 1	0 37	4 4	2 35	6 12	0 32	14 27	1 27	1 44	8 48	16 2	16 24	14 10		n.a.
S 3	2 4	25 50	5 0	8 42	2 32	10 19	0 47	20 9	1 27	17 0	0 37	4 2	2 36	6 11	0 32	14 27	1 27	1 45	8 48	16 3	16 24	14 12		n.a.
S 4	1 41	27 31	4 37	9 17	2 36	10 48	0 50	20 18	1 27	17 0	0 37	4 1	2 36	6 10	0 32	14 28	1 27	1 45	8 48	16 4	16 25	14 15		n.a.
M 5	1 17	27 53	4 1	9 50	2 38	11 18	0 53	20 27	1 27	16 59	0 37	3 59	2 36	6 9	0 32	14 28	1 27	1 46	8 48	16 4	16 26	14 18		n.a.
T 6	0 54	26 50	3 12	10 20	2 39	11 47	0 56	20 36	1 27	16 59	0 37	3 58	2 36	6 8	0 32	14 29	1 27	1 46	8 48	16 4	16 27	14 21		n.a.
W 7	0 31	24 18	2 13	10 48	2 40	12 15	0 58	20 45	1 27	16 58	0 37	3 56	2 36	6 7	0 32	14 29	1 27	1 47	8 48	16 3	16 28	14 24		n.a.
T 8	0 8	20 23	1 4	11 14	2 40	12 44	1 1	20 53	1 27	16 57	0 37	3 54	2 36	6 6	0 32	14 30	1 27	1 47	8 48	16 3	16 29	14 27		n.a.
F 9	0n16	15 15	0s11	11 37	2 39	13 12	1 4	21 2	1 27	16 57	0 37	3 53	2 36	6 6	0 32	14 31	1 27	1 48	8 47	16 3	16 30	14 29		n.a.
S 10	0 39	9 8	1 27	11 57	2 37	13 40	1 6	21 10	1 27	16 56	0 37	3 51	2 36	6 5	0 32	14 31	1 27	1 49	8 47	16 3	16 31	14 32		n.a.
S 11	1 2	2 22	2 40	12 16	2 34	14 7	1 9	21 19	1 27	16 55	0 37	3 49	2 36	6 4	0 32	14 32	1 27	1 49	8 47	16 4	16 32	14 35		n.a.
M12	1 25	4s39	3 43	12 31	2 30	14 35	1 12	21 27	1 27	16 54	0 37	3 48	2 36	6 3	0 32	14 32	1 27	1 50	8 47	16 6	16 33	14 38		n.a.
T 13	1 49	11 28	4 30	12 44	2 26	15 1	1 14	21 35	1 27	16 53	0 37	3 46	2 36	6 2	0 32	14 33	1 26	1 50	8 47	16 8	16 34	14 41		n.a.
W14	2 12	17 36	4 59	12 55	2 20	15 28	1 17	21 43	1 26	16 52	0 37	3 44	2 36	6 1	0 32	14 34	1 26	1 51	8 47	16 10	16 35	14 43		n.a.
T 15	2 35	22 35	5 7	13 3	2 13	15 54	1 19	21 51	1 26	16 51	0 37	3 43	2 36	6 0	0 32	14 34	1 26	1 52	8 47	16 12	16 36	14 46		n.a.
F 16	2 58	26 2	4 54	13 9	2 6	16 20	1 22	21 58	1 26	16 50	0 36	3 41	2 36	5 59	0 32	14 35	1 26	1 52	8 47	16 14	16 37	14 49		n.a.
S 17	3 21	27 42	4 23	13 12	1 58	16 45	1 24	22 6	1 26	16 49	0 36	3 39	2 36	5 58	0 32	14 35	1 26	1 53	8 47	16 15	16 38	14 52		n.a.
S 18	3 44	27 33	3 38	13 12	1 48	17 10	1 26	22 13	1 26	16 47	0 36	3 38	2 36	5 57	0 32	14 36	1 26	1 53	8 46	16 15	16 39	14 55		n.a.
M19	4 7	25 46	2 41	13 10	1 38	17 34	1 29	22 21	1 26	16 46	0 36	3 36	2 36	5 56	0 32	14 37	1 26	1 54	8 46	16 15	16 40	14 57		n.a.
T 20	4 30	22 38	1 38	13 6	1 27	17 58	1 31	22 28	1 26	16 45	0 36	3 34	2 36	5 55	0 32	14 37	1 26	1 54	8 46	16 15	16 41	15 0		n.a.
W21	4 53	18 28	0 32	12 59	1 15	18 22	1 33	22 35	1 26	16 44	0 36	3 32	2 36	5 54	0 32	14 38	1 26	1 55	8 46	16 15	16 42	15 3		n.a.
T 22	5 15	13 36	0n35	12 49	1 3	18 45	1 36	22 42	1 26	16 42	0 36	3 31	2 36	5 53	0 32	14 39	1 26	1 56	8 46	16 15	16 43	15 6		n.a.
F 23	5 38	8 17	1 39	12 38	0 49	19 7	1 38	22 49	1 26	16 41	0 36	3 29	2 36	5 52	0 32	14 39	1 26	1 56	8 46	16 15	16 44	15 8		n.a.
S 24	6 1	2 44	2 37	12 24	0 35	19 30	1 40	22 55	1 26	16 39	0 36	3 27	2 36	5 51	0 32	14 40	1 26	1 57	8 46	16 17	16 45	15 11		n.a.
S 25	6 23	2n51	3 28	12 7	0 20	19 51	1 42	23 2	1 25	16 38	0 36	3 26	2 36	5 50	0 32	14 40	1 26	1 57	8 46	16 19	16 46	15 14		n.a.
M26	6 45	8 18	4 9	11 49	0 4	20 12	1 44	23 8	1 25	16 36	0 36	3 24	2 36	5 49	0 31	14 41	1 26	1 58	8 46	16 21	16 46	15 17		n.a.
T 27	7 8	13 25	4 39	11 29	0s12	20 33	1 46	23 15	1 25	16 35	0 36	3 22	2 36	5 49	0 31	14 42	1 26	1 58	8 46	16 25	16 47	15 19		n.a.
W28	7 30	18 3	4 57	11 7	0 28	20 53	1 48	23 21	1 25	16 33	0 35	3 21	2 36	5 48	0 31	14 42	1 26	1 59	8 46	16 28	16 48	15 22		n.a.
T 29	7 52	22 0	5 2	10 43	0 45	21 13	1 49	23 27	1 25	16 31	0 35	3 19	2 36	5 47	0 31	14 43	1 26	2 0	8 46	16 32	16 49	15 25		n.a.
F 30	8n14	25n 3	4n54	10n19	1s 1	21n32	1n51	23n32	1n25	16s30	0n35	3s17	2n35	5s46	0n31	14n44	1s26	2n 0	8s45	16s35	16s50	15n28		n.a.

Julian Day Number = 972750.5, Delta T = 13h23m17s
Ecliptic obliquity = 23°55'53, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'49, Lahiri = -32°12'48 Julian Calendar 1 Apr. 2050 BCE == Greg. Calendar 15 March 2050 BCE

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

MAY 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 24 40	21♈37'17	10♊39	28°R19	27♉30	8♊55	16°R13	14°R 2	15°R31	13♉ 8	25♈46	15°R 8	14♒23	27♈50	n.a.	S 1
S 2	13 28 36	22°34'23	22°47	27♈48	28°40	9°31	16♏ 6	13♎57	15♎28	13°10	25°47	15♒ 2	14°20	27°57	n.a.	S 2
M 3	13 32 33	23°31'28	5♋ 6	27°16	29°50	10° 7	16° 0	13°53	15°26	13°12	25°49	14°58	14°16	28° 4	n.a.	M 3
T 4	13 36 29	24°28'32	17°40	26°42	1♊ 0	10°44	15°53	13°49	15°23	13°15	25°50	14°57	14°13	28°11	n.a.	T 4
W 5	13 40 26	25°25'36	0♌34	26° 8	2°11	11°20	15°47	13°44	15°21	13°17	25°52	14°D57	14°10	28°17	n.a.	W 5
T 6	13 44 22	26°22'39	13°52	25°34	3°21	11°56	15°40	13°40	15°18	13°19	25°53	14°R57	14° 7	28°24	n.a.	T 6
F 7	13 48 19	27°19'42	27°36	25° 0	4°31	12°32	15°33	13°36	15°16	13°21	25°54	14°57	14° 4	28°31	n.a.	F 7
S 8	13 52 15	28°16'44	11♍49	24°27	5°41	13° 8	15°26	13°32	15°14	13°23	25°56	14°54	14° 1	28°37	n.a.	S 8
S 9	13 56 12	29°13'45	26°29	23°56	6°50	13°45	15°19	13°28	15°11	13°25	25°57	14°50	13°57	28°44	n.a.	S 9
M10	14 0 9	0♉10'46	11♎31	23°27	8° 0	14°21	15°12	13°24	15° 9	13°28	25°59	14°42	13°54	28°51	n.a.	M10
T 11	14 4 5	1° 7'47	26°47	23° 0	9°10	14°57	15° 5	13°20	15° 7	13°30	26° 0	14°33	13°51	28°58	n.a.	T 11
W12	14 8 2	2° 4'48	12♏ 7	22°37	10°19	15°34	14°57	13°16	15° 4	13°32	26° 1	14°23	13°48	29° 4	n.a.	W12
T 13	14 11 58	3° 1'49	27°18	22°17	11°29	16°10	14°50	13°12	15° 2	13°34	26° 3	14°13	13°45	29°11	n.a.	T 13
F 14	14 15 55	3°58'50	12♐12	22° 2	12°38	16°47	14°43	13° 8	15° 0	13°36	26° 4	14° 4	13°41	29°18	n.a.	F 14
S 15	14 19 51	4°55'51	26°40	21°50	13°48	17°23	14°35	13° 4	14°57	13°38	26° 6	13°58	13°38	29°24	n.a.	S 15
S 16	14 23 48	5°52'53	10♑39	21°43	14°57	18° 0	14°28	13° 0	14°55	13°41	26° 7	13°54	13°35	29°31	n.a.	S 16
M17	14 27 45	6°49'55	24° 9	21°D40	16° 6	18°36	14°20	12°56	14°53	13°43	26° 9	13°52	13°32	29°38	n.a.	M17
T 18	14 31 41	7°46'57	7♒11	21°42	17°15	19°13	14°13	12°52	14°51	13°45	26°10	13°52	13°29	29°45	n.a.	T 18
W19	14 35 38	8°43'59	19°51	21°49	18°24	19°50	14° 5	12°48	14°49	13°47	26°11	13°52	13°26	29°51	n.a.	W19
T 20	14 39 34	9°41'02	2♓13	22° 1	19°33	20°27	13°57	12°45	14°46	13°50	26°13	13°51	13°22	29°58	n.a.	T 20
F 21	14 43 31	10°38'06	14°21	22°18	20°41	21° 3	13°50	12°41	14°44	13°52	26°14	13°48	13°19	0♉ 5	n.a.	F 21
S 22	14 47 27	11°35'10	26°20	22°40	21°50	21°40	13°42	12°38	14°42	13°54	26°15	13°43	13°16	0°11	n.a.	S 22
S 23	14 51 24	12°32'14	8♈14	23° 7	22°59	22°17	13°34	12°34	14°40	13°56	26°17	13°35	13°13	0°18	n.a.	S 23
M24	14 55 21	13°29'19	20° 5	23°39	24° 7	22°54	13°27	12°31	14°38	13°58	26°18	13°24	13°10	0°25	n.a.	M24
T 25	14 59 17	14°26'24	1♉56	24°16	25°15	23°31	13°19	12°27	14°36	14° 1	26°19	13°11	13° 7	0°32	n.a.	T 25
W26	15 3 14	15°23'30	13°49	24°59	26°24	24° 8	13°11	12°24	14°34	14° 3	26°21	12°57	13° 3	0°38	n.a.	W26
T 27	15 7 10	16°20'36	25°45	25°45	27°32	24°45	13° 4	12°21	14°32	14° 5	26°22	12°44	13° 0	0°45	n.a.	T 27
F 28	15 11 7	17°17'43	7♊46	26°37	28°40	25°22	12°56	12°17	14°30	14° 7	26°24	12°31	12°57	0°52	n.a.	F 28
S 29	15 15 3	18°14'50	19°53	27°34	29°48	25°59	12°48	12°14	14°28	14°10	26°25	12°21	12°54	0°59	n.a.	S 29
S 30	15 19 0	19°11'57	2♋ 8	28°35	0♋55	26°36	12°41	12°11	14°26	14°12	26°26	12°13	12°51	1° 5	n.a.	S 30
M31	15 22 56	20♉ 9'05	14♋33	29♈41	2♋ 3	27♊14	12♏33	12♎ 8	14♎24	14♉14	26♈28	12♒ 8	12♒47	1♉12	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n36	27n 1	4n33	9n53	1s18	21n50	1n53	23n38	1n25	16s28	0n35	3s16	2n35	5s45	0n31	14n44	1s26	2n 1	8s45	16s38	16s51	15n30		n.a.
S 2	8 57	27 43	4 0	9 26	1 35	22 8	1 54	23 44	1 25	16 26	0 35	3 14	2 35	5 44	0 31	14 45	1 26	2 1	8 45	16 39	16 52	15 33		n.a.
M 3	9 19	27 5	3 15	8 59	1 51	22 25	1 56	23 49	1 25	16 24	0 35	3 13	2 35	5 43	0 31	14 46	1 26	2 2	8 45	16 41	16 53	15 36		n.a.
T 4	9 40	25 2	2 19	8 33	2 7	22 42	1 57	23 54	1 24	16 23	0 35	3 11	2 35	5 42	0 31	14 46	1 26	2 2	8 45	16 41	16 54	15 39		n.a.
W 5	10 2	21 40	1 16	8 6	2 22	22 58	1 59	23 59	1 24	16 21	0 35	3 9	2 35	5 41	0 31	14 47	1 26	2 3	8 45	16 41	16 55	15 41		n.a.
T 6	10 23	17 6	0 6	7 40	2 36	23 13	2 0	24 4	1 24	16 19	0 35	3 8	2 35	5 40	0 31	14 48	1 26	2 4	8 45	16 41	16 56	15 44		n.a.
F 7	10 44	11 31	1s 7	7 15	2 50	23 28	2 1	24 9	1 24	16 17	0 35	3 6	2 35	5 39	0 31	14 48	1 26	2 4	8 45	16 41	16 57	15 47		n.a.
S 8	11 5	5 10	2 17	6 51	3 2	23 42	2 2	24 14	1 24	16 15	0 34	3 5	2 35	5 38	0 31	14 49	1 26	2 5	8 45	16 42	16 58	15 49		n.a.
S 9	11 25	1s38	3 21	6 29	3 14	23 56	2 4	24 18	1 24	16 13	0 34	3 3	2 35	5 37	0 31	14 50	1 26	2 5	8 45	16 43	16 59	15 52		n.a.
M10	11 46	8 30	4 12	6 8	3 24	24 8	2 5	24 22	1 24	16 11	0 34	3 2	2 35	5 36	0 31	14 51	1 26	2 6	8 45	16 45	17 0	15 55		n.a.
T 11	12 6	14 58	4 47	5 50	3 33	24 21	2 5	24 27	1 23	16 9	0 34	3 0	2 34	5 35	0 31	14 51	1 26	2 6	8 45	16 48	17 1	15 57		n.a.
W12	12 26	20 32	5 1	5 34	3 41	24 32	2 6	24 31	1 23	16 7	0 34	2 59	2 34	5 34	0 31	14 52	1 26	2 7	8 45	16 51	17 1	16 0		n.a.
T 13	12 46	24 42	4 53	5 21	3 47	24 43	2 7	24 34	1 23	16 5	0 34	2 57	2 34	5 34	0 31	14 53	1 26	2 7	8 45	16 54	17 2	16 3		n.a.
F 14	13 6	27 6	4 26	5 10	3 52	24 53	2 8	24 38	1 23	16 3	0 34	2 56	2 34	5 33	0 31	14 53	1 26	2 8	8 45	16 57	17 3	16 5		n.a.
S 15	13 26	27 35	3 42	5 3	3 56	25 3	2 8	24 42	1 23	16 1	0 34	2 54	2 34	5 32	0 31	14 54	1 26	2 8	8 45	16 59	17 4	16 8		n.a.
S 16	13 45	26 15	2 46	4 58	3 58	25 12	2 9	24 45	1 23	15 59	0 33	2 53	2 34	5 31	0 31	14 55	1 26	2 9	8 45	17 0	17 5	16 11		n.a.
M17	14 4	23 24	1 42	4 56	3 59	25 20	2 9	24 48	1 22	15 56	0 33	2 52	2 34	5 30	0 31	14 55	1 26	2 9	8 45	17 0	17 6	16 13		n.a.
T 18	14 23	19 25	0 35	4 56	3 59	25 27	2 9	24 51	1 22	15 54	0 33	2 50	2 33	5 29	0 31	14 56	1 26	2 10	8 45	17 0	17 7	16 16		n.a.
W19	14 42	14 40	0n32	5 0	3 58	25 34	2 10	24 54	1 22	15 52	0 33	2 49	2 33	5 28	0 31	14 57	1 26	2 10	8 45	17 0	17 8	16 19		n.a.
T 20	15 1	9 25	1 35	5 7	3 55	25 40	2 10	24 56	1 22	15 50	0 33	2 48	2 33	5 28	0 31	14 57	1 26	2 11	8 45	17 1	17 9	16 21		n.a.
F 21	15 19	3 56	2 34	5 17	3 52	25 45	2 10	24 59	1 22	15 48	0 33	2 46	2 33	5 27	0 31	14 58	1 25	2 11	8 45	17 1	17 10	16 24		n.a.
S 22	15 37	1n37	3 24	5 29	3 47	25 50	2 10	25 1	1 22	15 46	0 32	2 45	2 33	5 26	0 31	14 59	1 25	2 12	8 45	17 3	17 11	16 27		n.a.
S 23	15 55	7 4	4 5	5 45	3 42	25 54	2 9	25 3	1 21	15 43	0 32	2 44	2 33	5 25	0 31	14 59	1 25	2 12	8 45	17 5	17 12	16 29		n.a.
M24	16 13	12 14	4 35	6 3	3 35	25 57	2 9	25 5	1 21	15 41	0 32	2 43	2 32	5 24	0 31	15 0	1 25	2 13	8 45	17 8	17 13	16 32		n.a.
T 25	16 30	16 58	4 54	6 23	3 28	25 59	2 9	25 7	1 21	15 39	0 32	2 41	2 32	5 24	0 31	15 1	1 25	2 13	8 45	17 12	17 14	16 35		n.a.
W26	16 47	21 3	4 59	6 46	3 20	26 1	2 8	25 9	1 21	15 37	0 32	2 40	2 32	5 23	0 31	15 1	1 25	2 14	8 45	17 16	17 14	16 37		n.a.
T 27	17 4	24 18	4 52	7 12	3 11	26 2	2 7	25 10	1 21	15 35	0 32	2 39	2 32	5 22	0 31	15 2	1 25	2 14	8 45	17 20	17 15	16 40		n.a.
F 28	17 21	26 31	4 31	7 39	3 2	26 2	2 7	25 11	1 20	15 32	0 32	2 38	2 32	5 21	0 31	15 3	1 25	2 15	8 45	17 24	17 16	16 42		n.a.
S 29	17 37	27 30	3 58	8 9	2 52	26 2	2 6	25 12	1 20	15 30	0 31	2 37	2 32	5 21	0 31	15 3	1 25	2 15	8 45	17 27	17 17	16 45		n.a.
S 30	17 53	27 9	3 14	8 41	2 41	26 1	2 5	25 13	1 20	15 28	0 31	2 36	2 31	5 20	0 31	15 4	1 25	2 16	8 45	17 29	17 18	16 48		n.a.
M31	18n 9	25n26	2n20	9n15	2s30	25n59	2n 4	25n14	1n20	15s26	0n31	2s35	2n31	5s19	0n31	15n 5	1s25	2n16	8s45	17s30	17s19	16n50		n.a.

Julian Day Number = 972780.5, Delta T = 13h23m15s
Ecliptic obliquity = 23°55'53, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'45, Lahiri = -32°12'44 Julian Calendar 1 May 2050 BCE == Greg. Calendar 14 Apr. 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

JUNE 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 26 53	21♉ 6'13	27♋11	0♉52	3♋11	27♊51	12°R25	12°R 5	14°R23	14♉16	26♈29	12°R 6	12♒44	1♉19	n.a.	T 1
W 2	15 30 50	22° 3'22	10♌ 5	2° 7	4°18	28°28	12♏18	12♎ 2	14♎21	14°19	26°30	12°D 5	12°41	1°25	n.a.	W 2
T 3	15 34 46	23° 0'30	23°20	3°26	5°25	29° 5	12°10	12° 0	14°19	14°21	26°31	12°R 5	12°38	1°32	n.a.	T 3
F 4	15 38 43	23°57'39	6♍57	4°50	6°32	29°43	12° 3	11°57	14°17	14°23	26°33	12♒ 5	12°35	1°39	n.a.	F 4
S 5	15 42 39	24°54'49	21° 0	6°18	7°39	0♋20	11°56	11°54	14°16	14°25	26°34	12° 2	12°32	1°46	n.a.	S 5
S 6	15 46 36	25°51'59	5♎28	7°50	8°46	0°58	11°48	11°52	14°14	14°27	26°35	11°58	12°28	1°52	n.a.	S 6
M 7	15 50 32	26°49'10	20°17	9°26	9°53	1°35	11°41	11°49	14°12	14°30	26°36	11°51	12°25	1°59	n.a.	M 7
T 8	15 54 29	27°46'21	5♏23	11° 6	10°59	2°13	11°34	11°47	14°11	14°32	26°38	11°42	12°22	2° 6	n.a.	T 8
W 9	15 58 26	28°43'33	20°35	12°50	12° 6	2°50	11°27	11°45	14° 9	14°34	26°39	11°32	12°19	2°12	n.a.	W 9
T 10	16 2 22	29°40'46	5♐43	14°37	13°12	3°28	11°20	11°42	14° 8	14°36	26°40	11°22	12°16	2°19	n.a.	T 10
F 11	16 6 19	0♊37'59	20°36	16°27	14°18	4° 6	11°13	11°40	14° 6	14°38	26°41	11°14	12°13	2°26	n.a.	F 11
S 12	16 10 15	1°35'14	5♑ 8	18°20	15°24	4°43	11° 6	11°38	14° 5	14°40	26°43	11° 7	12° 9	2°33	n.a.	S 12
S 13	16 14 12	2°32'31	19°12	20°16	16°29	5°21	11° 0	11°36	14° 4	14°43	26°44	11° 3	12° 6	2°39	n.a.	S 13
M14	16 18 8	3°29'48	2♒46	22°14	17°35	5°59	10°53	11°34	14° 2	14°45	26°45	11° 1	12° 3	2°46	n.a.	M14
T 15	16 22 5	4°27'06	15°54	24°14	18°40	6°37	10°47	11°33	14° 1	14°47	26°46	11°D 1	12° 0	2°53	n.a.	T 15
W16	16 26 2	5°24'26	28°37	26°15	19°45	7°14	10°40	11°31	14° 0	14°49	26°47	11° 2	11°57	3° 0	n.a.	W16
T 17	16 29 58	6°21'47	11♓ 0	28°18	20°50	7°52	10°34	11°29	13°59	14°51	26°48	11°R 2	11°53	3° 6	n.a.	T 17
F 18	16 33 55	7°19'10	23° 8	0♊22	21°55	8°30	10°28	11°28	13°57	14°53	26°50	11° 0	11°50	3°13	n.a.	F 18
S 19	16 37 51	8°16'34	5♈ 5	2°26	23° 0	9° 8	10°22	11°26	13°56	14°55	26°51	10°57	11°47	3°20	n.a.	S 19
S 20	16 41 48	9°13'59	16°58	4°31	24° 4	9°46	10°16	11°25	13°55	14°57	26°52	10°51	11°44	3°26	n.a.	S 20
M21	16 45 44	10°11'26	28°49	6°36	25° 8	10°24	10°10	11°24	13°54	14°59	26°53	10°43	11°41	3°33	n.a.	M21
T 22	16 49 41	11° 8'54	10♉42	8°41	26°12	11° 3	10° 4	11°22	13°53	15° 1	26°54	10°33	11°38	3°40	n.a.	T 22
W23	16 53 37	12° 6'24	22°39	10°45	27°16	11°41	9°59	11°21	13°52	15° 3	26°55	10°22	11°34	3°47	n.a.	W23
T 24	16 57 34	13° 3'55	4♊41	12°49	28°19	12°19	9°54	11°20	13°52	15° 5	26°56	10°12	11°31	3°53	n.a.	T 24
F 25	17 1 31	14° 1'27	16°52	14°52	29°23	12°57	9°48	11°19	13°51	15° 7	26°57	10° 2	11°28	4° 0	n.a.	F 25
S 26	17 5 27	14°59'01	29°10	16°53	0♌26	13°35	9°43	11°19	13°50	15° 9	26°58	9°54	11°25	4° 7	n.a.	S 26
S 27	17 9 24	15°56'37	11♋38	18°54	1°28	14°14	9°38	11°18	13°49	15°11	26°59	9°48	11°22	4°14	n.a.	S 27
M28	17 13 20	16°54'13	24°17	20°54	2°31	14°52	9°34	11°17	13°49	15°13	27° 0	9°44	11°19	4°20	n.a.	M28
T 29	17 17 17	17°51'51	7♌ 7	22°52	3°33	15°31	9°29	11°17	13°48	15°15	27° 1	9°D43	11°15	4°27	n.a.	T 29
W30	17 21 13	18♊49'30	20♌11	24♊50	4♌35	16♋ 9	9♏25	11♎16	13♎47	15♉17	27♈ 2	9♒43	11♒12	4♉34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n24	22n26	1n18	9n51	2s18	25n56	2n 3	25n14	1n20	15s24	0n31	2s34	2n31	5s18	0n31	15n 6	1s25	2n16	8s45	17s31	17s20	16n53		n.a.
W 2	18 39	18 15	0 11	10 29	2 7	25 53	2 1	25 15	1 19	15 21	0 31	2 33	2 31	5 18	0 31	15 6	1 25	2 17	8 45	17 31	17 21	16 55		n.a.
T 3	18 54	13 5	0s59	11 8	1 54	25 49	2 0	25 15	1 19	15 19	0 30	2 32	2 30	5 17	0 31	15 7	1 25	2 17	8 45	17 31	17 22	16 58		n.a.
F 4	19 9	7 10	2 8	11 48	1 42	25 44	1 58	25 15	1 19	15 17	0 30	2 31	2 30	5 16	0 31	15 8	1 25	2 18	8 45	17 31	17 23	17 0		n.a.
S 5	19 23	0 44	3 10	12 29	1 29	25 39	1 57	25 15	1 19	15 15	0 30	2 30	2 30	5 16	0 31	15 8	1 25	2 18	8 45	17 32	17 24	17 3		n.a.
S 6	19 37	5s55	4 3	13 12	1 17	25 33	1 55	25 14	1 19	15 13	0 30	2 30	2 30	5 15	0 31	15 9	1 25	2 19	8 45	17 33	17 25	17 6		n.a.
M 7	19 51	12 24	4 41	13 55	1 4	25 26	1 53	25 14	1 18	15 11	0 30	2 29	2 30	5 15	0 31	15 9	1 25	2 19	8 45	17 35	17 25	17 8		n.a.
T 8	20 4	18 16	5 0	14 39	0 51	25 19	1 51	25 13	1 18	15 9	0 30	2 28	2 29	5 14	0 31	15 10	1 25	2 19	8 45	17 38	17 26	17 11		n.a.
W 9	20 17	23 2	4 58	15 24	0 39	25 11	1 49	25 12	1 18	15 7	0 29	2 27	2 29	5 13	0 31	15 11	1 25	2 20	8 45	17 41	17 27	17 13		n.a.
T 10	20 30	26 12	4 35	16 8	0 26	25 2	1 47	25 11	1 18	15 5	0 29	2 27	2 29	5 13	0 31	15 11	1 25	2 20	8 46	17 43	17 28	17 16		n.a.
F 11	20 42	27 29	3 54	16 53	0 14	24 53	1 44	25 9	1 17	15 3	0 29	2 26	2 29	5 12	0 31	15 12	1 25	2 21	8 46	17 46	17 29	17 18		n.a.
S 12	20 54	26 48	2 58	17 36	0 2	24 43	1 42	25 8	1 17	15 1	0 29	2 25	2 28	5 12	0 31	15 13	1 25	2 21	8 46	17 48	17 30	17 21		n.a.
S 13	21 6	24 24	1 53	18 20	0n10	24 32	1 39	25 6	1 17	14 59	0 29	2 25	2 28	5 11	0 31	15 13	1 25	2 21	8 46	17 49	17 31	17 23		n.a.
M14	21 17	20 39	0 44	19 2	0 21	24 21	1 37	25 4	1 17	14 57	0 28	2 24	2 28	5 11	0 31	15 14	1 25	2 22	8 46	17 49	17 32	17 26		n.a.
T 15	21 28	15 59	0n26	19 43	0 31	24 9	1 34	25 2	1 17	14 55	0 28	2 24	2 28	5 10	0 30	15 15	1 25	2 22	8 46	17 49	17 33	17 29		n.a.
W16	21 39	10 46	1 32	20 23	0 41	23 56	1 31	25 0	1 16	14 53	0 28	2 23	2 27	5 10	0 30	15 15	1 25	2 22	8 46	17 49	17 34	17 31		n.a.
T 17	21 49	5 15	2 32	21 1	0 51	23 43	1 28	24 57	1 16	14 51	0 28	2 23	2 27	5 9	0 30	15 16	1 25	2 23	8 46	17 49	17 35	17 34		n.a.
F 18	21 59	0n20	3 24	21 37	0 59	23 30	1 25	24 55	1 16	14 50	0 28	2 23	2 27	5 9	0 30	15 16	1 25	2 23	8 46	17 50	17 35	17 36		n.a.
S 19	22 8	5 49	4 7	22 11	1 8	23 16	1 21	24 52	1 16	14 48	0 27	2 22	2 27	5 9	0 30	15 17	1 25	2 23	8 46	17 50	17 36	17 39		n.a.
S 20	22 17	11 4	4 38	22 42	1 15	23 1	1 18	24 49	1 15	14 46	0 27	2 22	2 26	5 8	0 30	15 18	1 25	2 24	8 46	17 52	17 37	17 41		n.a.
M21	22 26	15 53	4 57	23 12	1 22	22 46	1 14	24 46	1 15	14 45	0 27	2 22	2 26	5 8	0 30	15 18	1 25	2 24	8 46	17 54	17 38	17 44		n.a.
T 22	22 34	20 8	5 4	23 38	1 27	22 30	1 11	24 42	1 15	14 43	0 27	2 21	2 26	5 7	0 30	15 19	1 25	2 24	8 46	17 57	17 39	17 46		n.a.
W23	22 42	23 35	4 57	24 3	1 33	22 13	1 7	24 39	1 15	14 41	0 27	2 21	2 26	5 7	0 30	15 20	1 25	2 25	8 47	18 0	17 40	17 49		n.a.
T 24	22 50	26 3	4 37	24 24	1 37	21 57	1 3	24 35	1 14	14 40	0 26	2 21	2 25	5 7	0 30	15 20	1 26	2 25	8 47	18 3	17 41	17 51		n.a.
F 25	22 57	27 19	4 4	24 43	1 41	21 39	0 59	24 31	1 14	14 38	0 26	2 21	2 25	5 7	0 30	15 21	1 26	2 25	8 47	18 6	17 42	17 54		n.a.
S 26	23 4	27 15	3 19	25 0	1 44	21 21	0 54	24 27	1 14	14 37	0 26	2 21	2 25	5 6	0 30	15 21	1 26	2 25	8 47	18 8	17 43	17 56		n.a.
S 27	23 10	25 49	2 25	25 13	1 46	21 3	0 50	24 22	1 13	14 36	0 26	2 21	2 25	5 6	0 30	15 22	1 26	2 26	8 47	18 10	17 44	17 58		n.a.
M28	23 16	23 3	1 22	25 24	1 48	20 44	0 46	24 18	1 13	14 34	0 25	2 21	2 24	5 6	0 30	15 22	1 26	2 26	8 47	18 10	17 44	18 1		n.a.
T 29	23 22	19 6	0 14	25 33	1 49	20 25	0 41	24 13	1 13	14 33	0 25	2 21	2 24	5 6	0 30	15 23	1 26	2 26	8 47	18 11	17 45	18 3		n.a.
W30	23n27	14n10	0s56	25n39	1n49	20n 6	0n36	24n 8	1n13	14s32	0n25	2s21	2n24	5s 5	0n30	15n24	1s26	2n26	8s47	18s11	17s46	18n 6		n.a.

Julian Day Number = 972811.5, Delta T = 13h23m13s
Ecliptic obliquity = 23°55'52, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'40, Lahiri = -32°12'40 Julian Calendar 1 June 2050 BCE == Greg. Calendar 15 May 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

JULY 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 25 10	19♊47'10	3♍31	26♊45	5♌37	16♋48	9°R20	11°R16	13°R47	15♉19	27♈ 3	9♒45	11♒ 9	4♉40	n.a.	T 1
F 2	17 29 6	20°44'52	17° 8	28°40	6°38	17°26	9♏16	11♎16	13♎46	15°21	27° 4	9°R45	11° 6	4°47	n.a.	F 2
S 3	17 33 3	21°42'34	1♎ 4	0♋33	7°39	18° 5	9°12	11°16	13°46	15°23	27° 5	9°45	11° 3	4°54	n.a.	S 3
S 4	17 37 0	22°40'18	15°19	2°25	8°40	18°43	9° 9	11°D15	13°45	15°25	27° 6	9°43	10°59	5° 1	n.a.	S 4
M 5	17 40 56	23°38'03	29°51	4°15	9°41	19°22	9° 5	11°15	13°45	15°27	27° 6	9°39	10°56	5° 7	n.a.	M 5
T 6	17 44 53	24°35'50	14♏36	6° 4	10°41	20° 1	9° 2	11°16	13°45	15°29	27° 7	9°33	10°53	5°14	n.a.	T 6
W 7	17 48 49	25°33'38	29°27	7°51	11°40	20°40	8°58	11°16	13°45	15°30	27° 8	9°27	10°50	5°21	n.a.	W 7
T 8	17 52 46	26°31'28	14♐16	9°38	12°40	21°19	8°55	11°16	13°44	15°32	27° 9	9°20	10°47	5°27	n.a.	T 8
F 9	17 56 42	27°29'20	28°55	11°22	13°39	21°57	8°53	11°17	13°44	15°34	27°10	9°15	10°44	5°34	n.a.	F 9
S 10	18 0 39	28°27'13	13♑17	13° 6	14°38	22°36	8°50	11°17	13°44	15°36	27°10	9°11	10°40	5°41	n.a.	S 10
S 11	18 4 36	29°25'08	27°17	14°48	15°36	23°15	8°47	11°18	13°D44	15°37	27°11	9° 8	10°37	5°48	n.a.	S 11
M12	18 8 32	0♋23'05	10♒52	16°29	16°34	23°54	8°45	11°18	13°44	15°39	27°12	9°D 8	10°34	5°54	n.a.	M12
T 13	18 12 29	1°21'03	24° 1	18° 8	17°31	24°33	8°43	11°19	13°44	15°41	27°13	9° 8	10°31	6° 1	n.a.	T 13
W14	18 16 25	2°19'04	6♓47	19°46	18°28	25°12	8°41	11°20	13°44	15°42	27°13	9°10	10°28	6° 8	n.a.	W14
T 15	18 20 22	3°17'07	19°13	21°23	19°25	25°52	8°39	11°21	13°45	15°44	27°14	9°12	10°25	6°15	n.a.	T 15
F 16	18 24 18	4°15'12	1♈24	22°58	20°21	26°31	8°38	11°22	13°45	15°46	27°15	9°R12	10°21	6°21	n.a.	F 16
S 17	18 28 15	5°13'19	13°23	24°33	21°16	27°10	8°36	11°23	13°45	15°47	27°15	9°12	10°18	6°28	n.a.	S 17
S 18	18 32 11	6°11'28	25°17	26° 6	22°11	27°49	8°35	11°25	13°45	15°49	27°16	9°10	10°15	6°35	n.a.	S 18
M19	18 36 8	7° 9'39	7♉ 9	27°37	23° 6	28°29	8°34	11°26	13°46	15°50	27°17	9° 7	10°12	6°41	n.a.	M19
T 20	18 40 4	8° 7'53	19° 4	29° 8	24° 0	29° 8	8°33	11°28	13°46	15°52	27°17	9° 3	10° 9	6°48	n.a.	T 20
W21	18 44 1	9° 6'09	1♊ 5	0♌37	24°54	29°47	8°32	11°29	13°47	15°53	27°18	8°58	10° 5	6°55	n.a.	W21
T 22	18 47 58	10° 4'27	13°15	2° 5	25°47	0♌27	8°32	11°31	13°47	15°55	27°18	8°53	10° 2	7° 2	n.a.	T 22
F 23	18 51 54	11° 2'47	25°36	3°31	26°39	1° 6	8°32	11°33	13°48	15°56	27°19	8°48	9°59	7° 8	n.a.	F 23
S 24	18 55 51	12° 1'09	8♋ 9	4°56	27°31	1°46	8°D32	11°34	13°49	15°58	27°19	8°44	9°56	7°15	n.a.	S 24
S 25	18 59 47	12°59'33	20°54	6°20	28°22	2°26	8°32	11°36	13°49	15°59	27°20	8°42	9°53	7°22	n.a.	S 25
M26	19 3 44	13°57'59	3♌53	7°42	29°12	3° 5	8°32	11°38	13°50	16° 1	27°20	8°D41	9°50	7°29	n.a.	M26
T 27	19 7 40	14°56'27	17° 4	9° 3	0♍ 2	3°45	8°33	11°41	13°51	16° 2	27°21	8°41	9°46	7°35	n.a.	T 27
W28	19 11 37	15°54'57	0♍28	10°23	0°51	4°25	8°33	11°43	13°52	16° 3	27°21	8°42	9°43	7°42	n.a.	W28
T 29	19 15 33	16°53'29	14° 4	11°41	1°40	5° 5	8°34	11°45	13°53	16° 5	27°22	8°43	9°40	7°49	n.a.	T 29
F 30	19 19 30	17°52'02	27°52	12°57	2°27	5°44	8°35	11°47	13°54	16° 6	27°22	8°45	9°37	7°55	n.a.	F 30
S 31	19 23 27	18♋50'38	11♎51	14♌12	3♍14	6♌24	8♏37	11♎50	13♎55	16♉ 7	27♈22	8♒46	9♒34	8♉ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n32	8n30	2s 5	25n43	1n49	19n46	0n31	24n 3	1n12	14s31	0n25	2s21	2n24	5s 5	0n30	15n24	1s26	2n27	8s47	18s10	17s47	18n 8			n.a.
F 2	23 36	2 19	3 8	25 44	1 49	19 25	0 26	23 57	1 12	14 29	0 25	2 21	2 23	5 5	0 30	15 25	1 26	2 27	8 47	18 10	17 48	18 11			n.a.
S 3	23 40	4s 6	4 1	25 43	1 47	19 4	0 21	23 52	1 12	14 28	0 24	2 21	2 23	5 5	0 30	15 25	1 26	2 27	8 48	18 10	17 49	18 13			n.a.
S 4	23 43	10 27	4 41	25 40	1 46	18 43	0 16	23 46	1 11	14 27	0 24	2 22	2 23	5 5	0 30	15 26	1 26	2 27	8 48	18 11	17 50	18 16			n.a.
M 5	23 46	16 22	5 4	25 35	1 43	18 22	0 11	23 40	1 11	14 26	0 24	2 22	2 23	5 5	0 30	15 26	1 26	2 27	8 48	18 12	17 51	18 18			n.a.
T 6	23 49	21 25	5 7	25 28	1 41	18 0	0 5	23 34	1 11	14 26	0 24	2 22	2 22	5 5	0 30	15 27	1 26	2 28	8 48	18 13	17 52	18 20			n.a.
W 7	23 51	25 9	4 50	25 19	1 37	17 38	0s 1	23 28	1 11	14 25	0 24	2 22	2 22	5 4	0 30	15 27	1 26	2 28	8 48	18 15	17 52	18 23			n.a.
T 8	23 53	27 10	4 13	25 8	1 34	17 15	0 6	23 22	1 10	14 24	0 23	2 23	2 22	5 4	0 30	15 28	1 26	2 28	8 48	18 17	17 53	18 25			n.a.
F 9	23 54	27 16	3 20	24 55	1 30	16 52	0 12	23 15	1 10	14 23	0 23	2 23	2 21	5 4	0 30	15 28	1 26	2 28	8 48	18 19	17 54	18 28			n.a.
S 10	23 55	25 30	2 15	24 41	1 25	16 29	0 18	23 8	1 10	14 22	0 23	2 24	2 21	5 4	0 30	15 29	1 26	2 28	8 48	18 20	17 55	18 30			n.a.
S 11	23 56	22 10	1 4	24 26	1 21	16 6	0 24	23 1	1 9	14 22	0 23	2 24	2 21	5 4	0 30	15 29	1 26	2 28	8 49	18 20	17 56	18 32			n.a.
M12	23 56	17 43	0n 9	24 9	1 16	15 43	0 31	22 54	1 9	14 21	0 22	2 25	2 21	5 4	0 30	15 30	1 26	2 29	8 49	18 20	17 57	18 35			n.a.
T 13	23 55	12 32	1 20	23 50	1 10	15 19	0 37	22 47	1 9	14 21	0 22	2 25	2 20	5 5	0 30	15 30	1 26	2 29	8 49	18 20	17 58	18 37			n.a.
W14	23 55	6 58	2 25	23 30	1 5	14 55	0 44	22 39	1 8	14 20	0 22	2 26	2 20	5 5	0 30	15 31	1 26	2 29	8 49	18 20	17 59	18 40			n.a.
T 15	23 53	1 17	3 21	23 9	0 59	14 31	0 50	22 31	1 8	14 20	0 22	2 27	2 20	5 5	0 29	15 31	1 26	2 29	8 49	18 19	17 59	18 42			n.a.
F 16	23 52	4n19	4 7	22 47	0 52	14 6	0 57	22 23	1 8	14 20	0 22	2 27	2 20	5 5	0 29	15 32	1 26	2 29	8 49	18 19	18 0	18 44			n.a.
S 17	23 49	9 41	4 41	22 24	0 46	13 42	1 4	22 15	1 7	14 19	0 21	2 28	2 19	5 5	0 29	15 32	1 26	2 29	8 49	18 19	18 1	18 47			n.a.
S 18	23 47	14 39	5 3	22 0	0 39	13 17	1 11	22 7	1 7	14 19	0 21	2 29	2 19	5 5	0 29	15 32	1 26	2 29	8 49	18 20	18 2	18 49			n.a.
M19	23 44	19 4	5 12	21 35	0 32	12 52	1 18	21 59	1 7	14 19	0 21	2 29	2 19	5 5	0 29	15 33	1 26	2 29	8 50	18 21	18 3	18 51			n.a.
T 20	23 40	22 45	5 7	21 9	0 25	12 27	1 25	21 50	1 6	14 19	0 21	2 30	2 19	5 6	0 29	15 33	1 26	2 29	8 50	18 22	18 4	18 54			n.a.
W21	23 37	25 30	4 49	20 43	0 17	12 2	1 33	21 41	1 6	14 19	0 21	2 31	2 18	5 6	0 29	15 34	1 26	2 30	8 50	18 23	18 5	18 56			n.a.
T 22	23 32	27 7	4 18	20 16	0 10	11 37	1 40	21 32	1 6	14 19	0 20	2 32	2 18	5 6	0 29	15 34	1 26	2 30	8 50	18 24	18 6	18 58			n.a.
F 23	23 28	27 25	3 34	19 48	0 2	11 12	1 48	21 23	1 5	14 19	0 20	2 33	2 18	5 6	0 29	15 34	1 26	2 30	8 50	18 26	18 6	19 1			n.a.
S 24	23 22	26 20	2 40	19 20	0s 6	10 47	1 55	21 14	1 5	14 19	0 20	2 34	2 17	5 7	0 29	15 35	1 26	2 30	8 50	18 27	18 7	19 3			n.a.
S 25	23 17	23 51	1 36	18 51	0 14	10 22	2 3	21 4	1 5	14 20	0 20	2 35	2 17	5 7	0 29	15 35	1 26	2 30	8 50	18 27	18 8	19 5			n.a.
M26	23 11	20 6	0 26	18 22	0 22	9 57	2 11	20 55	1 4	14 20	0 20	2 36	2 17	5 7	0 29	15 36	1 26	2 30	8 51	18 28	18 9	19 8			n.a.
T 27	23 4	15 19	0s46	17 52	0 31	9 31	2 19	20 45	1 4	14 20	0 19	2 37	2 17	5 8	0 29	15 36	1 26	2 30	8 51	18 28	18 10	19 10			n.a.
W28	22 58	9 43	1 57	17 22	0 39	9 6	2 27	20 35	1 4	14 21	0 19	2 38	2 16	5 8	0 29	15 36	1 26	2 30	8 51	18 27	18 11	19 12			n.a.
T 29	22 50	3 36	3 3	16 52	0 48	8 41	2 36	20 25	1 3	14 21	0 19	2 39	2 16	5 8	0 29	15 37	1 26	2 30	8 51	18 27	18 12	19 15			n.a.
F 30	22 43	2s46	3 59	16 22	0 56	8 16	2 44	20 14	1 3	14 22	0 19	2 41	2 16	5 9	0 29	15 37	1 26	2 30	8 51	18 27	18 13	19 17			n.a.
S 31	22n34	9s 4	4s41	15n52	1s 5	7n51	2s53	20n 4	1n 3	14s22	0n18	2s42	2n16	5s 9	0n29	15n37	1s26	2n30	8s51	18s26	18s13	19n19			n.a.

Julian Day Number = 972841.5, Delta T = 13h23m11s
Ecliptic obliquity = 23°55'51, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'36, Lahiri = -32°12'36 Julian Calendar 1 July 2050 BCE == Greg. Calendar 14 June 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

AUGUST 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 27 23	19♋49'15	26♎ 0	15♌25	4♍ 0	7♌ 4	8♏38	11♎53	13♎56	16♉ 8	27♈23	8°R46	9♒31	8♉ 9	n.a.	S 1
M 2	19 31 20	20°47'54	10♏17	16°37	4°45	7°44	8°40	11°55	13°57	16° 9	27°23	8♒45	9°27	8°16	n.a.	M 2
T 3	19 35 16	21°46'35	24°40	17°46	5°29	8°24	8°42	11°58	13°58	16°11	27°23	8°43	9°24	8°22	n.a.	T 3
W 4	19 39 13	22°45'18	9♐ 5	18°53	6°12	9° 4	8°44	12° 1	13°59	16°12	27°23	8°41	9°21	8°29	n.a.	W 4
T 5	19 43 9	23°44'02	23°26	19°59	6°54	9°44	8°46	12° 4	14° 0	16°13	27°24	8°39	9°18	8°36	n.a.	T 5
F 6	19 47 6	24°42'49	7♑40	21° 2	7°35	10°25	8°48	12° 7	14° 2	16°14	27°24	8°38	9°15	8°43	n.a.	F 6
S 7	19 51 2	25°41'38	21°40	22° 2	8°15	11° 5	8°51	12°10	14° 3	16°15	27°24	8°36	9°11	8°49	n.a.	S 7
S 8	19 54 59	26°40'29	5♒25	23° 1	8°54	11°45	8°54	12°13	14° 4	16°16	27°24	8°D36	9° 8	8°56	n.a.	S 8
M 9	19 58 56	27°39'22	18°49	23°56	9°32	12°25	8°57	12°16	14° 6	16°17	27°24	8°36	9° 5	9° 3	n.a.	M 9
T 10	20 2 52	28°38'18	1♓54	24°48	10° 9	13° 6	9° 0	12°20	14° 7	16°18	27°25	8°37	9° 2	9° 9	n.a.	T 10
W11	20 6 49	29°37'15	14°39	25°37	10°44	13°46	9° 3	12°23	14° 9	16°19	27°25	8°38	8°59	9°16	n.a.	W11
T 12	20 10 45	0♌36'15	27° 6	26°23	11°18	14°27	9° 7	12°27	14°10	16°20	27°25	8°38	8°56	9°23	n.a.	T 12
F 13	20 14 42	1°35'18	9♈18	27° 5	11°51	15° 7	9°11	12°30	14°12	16°20	27°25	8°39	8°52	9°30	n.a.	F 13
S 14	20 18 38	2°34'23	21°20	27°43	12°22	15°48	9°14	12°34	14°14	16°21	27°25	8°40	8°49	9°36	n.a.	S 14
S 15	20 22 35	3°33'31	3♉15	28°16	12°52	16°28	9°18	12°38	14°16	16°22	27°25	8°R40	8°46	9°43	n.a.	S 15
M16	20 26 31	4°32'41	15° 7	28°44	13°20	17° 9	9°23	12°41	14°17	16°23	27°R25	8°40	8°43	9°50	n.a.	M16
T 17	20 30 28	5°31'53	27° 3	29° 8	13°47	17°50	9°27	12°45	14°19	16°23	27°25	8°39	8°40	9°57	n.a.	T 17
W18	20 34 24	6°31'08	9♊ 6	29°25	14°12	18°31	9°32	12°49	14°21	16°24	27°25	8°39	8°36	10° 3	n.a.	W18
T 19	20 38 21	7°30'26	21°20	29°37	14°36	19°11	9°36	12°53	14°23	16°25	27°25	8°39	8°33	10°10	n.a.	T 19
F 20	20 42 17	8°29'46	3♋48	29°R42	14°57	19°52	9°41	12°58	14°25	16°25	27°25	8°D39	8°30	10°17	n.a.	F 20
S 21	20 46 14	9°29'08	16°32	29°40	15°17	20°33	9°46	13° 2	14°27	16°26	27°25	8°39	8°27	10°23	n.a.	S 21
S 22	20 50 11	10°28'33	29°35	29°31	15°35	21°14	9°52	13° 6	14°29	16°27	27°24	8°39	8°24	10°30	n.a.	S 22
M23	20 54 7	11°28'00	12♌55	29°14	15°52	21°55	9°57	13°10	14°31	16°27	27°24	8°R39	8°21	10°37	n.a.	M23
T 24	20 58 4	12°27'29	26°32	28°49	16° 6	22°36	10° 3	13°15	14°33	16°28	27°24	8°39	8°17	10°44	n.a.	T 24
W25	21 2 0	13°27'00	10♍23	28°16	16°18	23°18	10° 9	13°19	14°35	16°28	27°24	8°38	8°14	10°50	n.a.	W25
T 26	21 5 57	14°26'33	24°25	27°35	16°28	23°59	10°14	13°24	14°38	16°28	27°24	8°38	8°11	10°57	n.a.	T 26
F 27	21 9 53	15°26'08	8♎35	26°46	16°36	24°40	10°21	13°29	14°40	16°29	27°23	8°37	8° 8	11° 4	n.a.	F 27
S 28	21 13 50	16°25'45	22°49	25°50	16°42	25°21	10°27	13°33	14°42	16°29	27°23	8°36	8° 5	11°10	n.a.	S 28
S 29	21 17 46	17°25'24	7♏ 4	24°48	16°45	26° 3	10°33	13°38	14°45	16°30	27°23	8°36	8° 2	11°17	n.a.	S 29
M30	21 21 43	18°25'05	21°17	23°40	16°R46	26°44	10°40	13°43	14°47	16°30	27°23	8°D36	7°58	11°24	n.a.	M30
T 31	21 25 39	19♌24'48	5♐26	22♌28	16♍45	27♌25	10♏47	13♎48	14♎49	16♉30	27♈22	8♒36	7♒55	11♉31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	22n26	15s 0	5s 7	15n22	1s14	7n26	3s 1	19n53	1n 2	14s23	0n18	2s43	2n15	5s10	0n29	15n38	1s26	2n30	8s52	18s26	18s14	19n22			n.a.
M 2	22 17	20 10	5 15	14 52	1 22	7 2	3 10	19 42	1 2	14 24	0 18	2 44	2 15	5 10	0 29	15 38	1 26	2 30	8 52	18 27	18 15	19 24			n.a.
T 3	22 8	24 13	5 3	14 23	1 31	6 37	3 19	19 31	1 1	14 25	0 18	2 46	2 15	5 11	0 29	15 38	1 27	2 30	8 52	18 27	18 16	19 26			n.a.
W 4	21 58	26 45	4 32	13 53	1 40	6 13	3 28	19 20	1 1	14 25	0 18	2 47	2 15	5 11	0 29	15 39	1 27	2 30	8 52	18 28	18 17	19 28			n.a.
T 5	21 48	27 30	3 44	13 24	1 49	5 49	3 37	19 9	1 1	14 26	0 17	2 48	2 14	5 12	0 29	15 39	1 27	2 30	8 52	18 28	18 18	19 31			n.a.
F 6	21 37	26 25	2 43	12 56	1 57	5 25	3 46	18 57	1 0	14 27	0 17	2 50	2 14	5 12	0 29	15 39	1 27	2 30	8 52	18 29	18 19	19 33			n.a.
S 7	21 26	23 40	1 32	12 28	2 6	5 1	3 55	18 46	1 0	14 28	0 17	2 51	2 14	5 13	0 29	15 39	1 27	2 29	8 52	18 29	18 19	19 35			n.a.
S 8	21 15	19 35	0 18	12 1	2 15	4 38	4 4	18 34	1 0	14 29	0 17	2 53	2 14	5 13	0 29	15 40	1 27	2 29	8 53	18 29	18 20	19 37			n.a.
M 9	21 3	14 36	0n56	11 34	2 23	4 15	4 13	18 22	0 59	14 31	0 17	2 54	2 13	5 14	0 29	15 40	1 27	2 29	8 53	18 29	18 21	19 40			n.a.
T 10	20 51	9 4	2 5	11 9	2 31	3 53	4 23	18 10	0 59	14 32	0 17	2 56	2 13	5 14	0 29	15 40	1 27	2 29	8 53	18 29	18 22	19 42			n.a.
W11	20 39	3 18	3 7	10 45	2 39	3 31	4 32	17 58	0 58	14 33	0 16	2 57	2 13	5 15	0 29	15 40	1 27	2 29	8 53	18 29	18 23	19 44			n.a.
T 12	20 26	2n26	3 57	10 22	2 47	3 9	4 41	17 45	0 58	14 34	0 16	2 59	2 13	5 16	0 29	15 41	1 27	2 29	8 53	18 28	18 24	19 46			n.a.
F 13	20 13	7 59	4 36	10 0	2 55	2 47	4 51	17 33	0 58	14 36	0 16	3 1	2 12	5 16	0 29	15 41	1 27	2 29	8 53	18 28	18 25	19 49			n.a.
S 14	19 59	13 8	5 2	9 40	3 2	2 27	5 0	17 20	0 57	14 37	0 16	3 2	2 12	5 17	0 28	15 41	1 27	2 29	8 53	18 28	18 25	19 51			n.a.
S 15	19 45	17 46	5 15	9 22	3 9	2 6	5 10	17 7	0 57	14 39	0 16	3 4	2 12	5 18	0 28	15 41	1 27	2 29	8 54	18 28	18 26	19 53			n.a.
M16	19 31	21 42	5 15	9 7	3 15	1 47	5 20	16 54	0 56	14 40	0 15	3 6	2 12	5 19	0 28	15 41	1 27	2 28	8 54	18 28	18 27	19 55			n.a.
T 17	19 16	24 46	5 1	8 53	3 21	1 27	5 29	16 41	0 56	14 42	0 15	3 8	2 12	5 19	0 28	15 42	1 27	2 28	8 54	18 28	18 28	19 57			n.a.
W18	19 2	26 46	4 33	8 42	3 26	1 9	5 39	16 28	0 56	14 44	0 15	3 9	2 11	5 20	0 28	15 42	1 27	2 28	8 54	18 28	18 29	20 0			n.a.
T 19	18 46	27 31	3 53	8 34	3 30	0 51	5 48	16 15	0 55	14 45	0 15	3 11	2 11	5 21	0 28	15 42	1 27	2 28	8 54	18 28	18 30	20 2			n.a.
F 20	18 31	26 54	3 1	8 29	3 34	0 34	5 58	16 1	0 55	14 47	0 15	3 13	2 11	5 22	0 28	15 42	1 27	2 28	8 54	18 28	18 30	20 4			n.a.
S 21	18 15	24 52	2 0	8 27	3 36	0 17	6 7	15 47	0 54	14 49	0 14	3 15	2 11	5 23	0 28	15 42	1 27	2 28	8 55	18 28	18 31	20 6			n.a.
S 22	17 58	21 28	0 50	8 29	3 38	0 1	6 17	15 34	0 54	14 51	0 14	3 17	2 10	5 23	0 28	15 42	1 27	2 27	8 55	18 28	18 32	20 8			n.a.
M23	17 42	16 54	0s24	8 35	3 38	0s13	6 26	15 20	0 53	14 53	0 14	3 19	2 10	5 24	0 28	15 42	1 27	2 27	8 55	18 28	18 33	20 11			n.a.
T 24	17 25	11 24	1 37	8 45	3 36	0 27	6 35	15 6	0 53	14 55	0 14	3 21	2 10	5 25	0 28	15 42	1 27	2 27	8 55	18 28	18 34	20 13			n.a.
W25	17 8	5 16	2 47	8 59	3 33	0 40	6 44	14 51	0 53	14 57	0 14	3 23	2 10	5 26	0 28	15 43	1 27	2 27	8 55	18 28	18 35	20 15			n.a.
T 26	16 50	1s12	3 47	9 18	3 29	0 53	6 53	14 37	0 52	14 59	0 14	3 25	2 10	5 27	0 28	15 43	1 27	2 27	8 55	18 28	18 36	20 17			n.a.
F 27	16 32	7 39	4 34	9 41	3 22	1 4	7 2	14 23	0 52	15 1	0 13	3 27	2 9	5 28	0 28	15 43	1 27	2 26	8 55	18 29	18 36	20 19			n.a.
S 28	16 14	13 44	5 5	10 8	3 13	1 14	7 10	14 8	0 51	15 3	0 13	3 29	2 9	5 29	0 28	15 43	1 27	2 26	8 56	18 29	18 37	20 21			n.a.
S 29	15 56	19 7	5 16	10 40	3 3	1 22	7 18	13 53	0 51	15 5	0 13	3 31	2 9	5 30	0 28	15 43	1 28	2 26	8 56	18 29	18 38	20 23			n.a.
M30	15 37	23 24	5 9	11 14	2 50	1 30	7 26	13 39	0 50	15 7	0 13	3 33	2 9	5 31	0 28	15 43	1 28	2 26	8 56	18 29	18 39	20 26			n.a.
T 31	15n18	26s17	4s43	11n52	2s35	1s37	7s34	13n24	0n50	15s10	0n13	3s35	2n 9	5s32	0n28	15n43	1s28	2n25	8s56	18s29	18s40	20n28			n.a.

Julian Day Number = 972872.5, Delta T = 13h23m09s
Ecliptic obliquity = 23°55'51, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'32, Lahiri = -32°12'32 Julian Calendar 1 Aug. 2050 BCE == Greg. Calendar 15 July 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

SEPTEMBER 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 29 36	20♌24'33	19♐28	21°R15	16°R41	28♌ 7	10♏53	13♎53	14♎52	16♉30	27°R22	8♒37	7♒52	11♉37	n.a.	W 1
T 2	21 33 33	21°24'20	3♑22	20♌ 2	16♍35	28°48	11° 0	13°58	14°54	16°30	27♈22	8°38	7°49	11°44	n.a.	T 2
F 3	21 37 29	22°24'09	17° 7	18°51	16°26	29°30	11° 8	14° 3	14°57	16°31	27°21	8°39	7°46	11°51	n.a.	F 3
S 4	21 41 26	23°23'59	0♒40	17°44	16°15	0♍12	11°15	14° 8	15° 0	16°31	27°21	8°40	7°42	11°58	n.a.	S 4
S 5	21 45 22	24°23'52	14° 1	16°44	16° 2	0°53	11°22	14°14	15° 2	16°31	27°20	8°R40	7°39	12° 4	n.a.	S 5
M 6	21 49 19	25°23'46	27° 7	15°52	15°46	1°35	11°30	14°19	15° 5	16°31	27°20	8°39	7°36	12°11	n.a.	M 6
T 7	21 53 15	26°23'43	9♓59	15° 9	15°28	2°17	11°38	14°24	15° 8	16°R31	27°19	8°37	7°33	12°18	n.a.	T 7
W 8	21 57 12	27°23'42	22°36	14°37	15° 7	2°59	11°46	14°30	15°10	16°31	27°19	8°35	7°30	12°24	n.a.	W 8
T 9	22 1 8	28°23'43	5♈ 0	14°16	14°45	3°40	11°54	14°35	15°13	16°31	27°18	8°32	7°27	12°31	n.a.	T 9
F 10	22 5 5	29°23'46	17°10	14°D 7	14°20	4°22	12° 2	14°41	15°16	16°31	27°18	8°28	7°23	12°38	n.a.	F 10
S 11	22 9 1	0♍23'52	29°11	14° 9	13°53	5° 4	12°10	14°46	15°19	16°31	27°17	8°25	7°20	12°45	n.a.	S 11
S 12	22 12 58	1°24'00	11♉ 6	14°21	13°25	5°46	12°19	14°52	15°22	16°30	27°17	8°23	7°17	12°51	n.a.	S 12
M13	22 16 55	2°24'10	22°58	14°45	12°55	6°28	12°27	14°58	15°24	16°30	27°16	8°21	7°14	12°58	n.a.	M13
T 14	22 20 51	3°24'22	4♊52	15°18	12°23	7°11	12°36	15° 3	15°27	16°30	27°15	8°D21	7°11	13° 5	n.a.	T 14
W15	22 24 48	4°24'37	16°53	15°59	11°50	7°53	12°45	15° 9	15°30	16°30	27°15	8°21	7° 8	13°12	n.a.	W15
T 16	22 28 44	5°24'54	29° 6	16°49	11°16	8°35	12°54	15°15	15°33	16°29	27°14	8°23	7° 4	13°18	n.a.	T 16
F 17	22 32 41	6°25'13	11♋35	17°46	10°41	9°17	13° 3	15°21	15°36	16°29	27°14	8°24	7° 1	13°25	n.a.	F 17
S 18	22 36 37	7°25'35	24°24	18°49	10° 5	10° 0	13°12	15°27	15°39	16°29	27°13	8°26	6°58	13°32	n.a.	S 18
S 19	22 40 34	8°25'58	7♌35	19°58	9°29	10°42	13°22	15°33	15°43	16°28	27°12	8°R27	6°55	13°38	n.a.	S 19
M20	22 44 30	9°26'23	21°11	21°12	8°53	11°25	13°31	15°39	15°46	16°28	27°11	8°26	6°52	13°45	n.a.	M20
T 21	22 48 27	10°26'51	5♍ 9	22°29	8°16	12° 7	13°41	15°45	15°49	16°27	27°11	8°24	6°48	13°52	n.a.	T 21
W22	22 52 24	11°27'20	19°27	23°50	7°40	12°50	13°50	15°51	15°52	16°27	27°10	8°20	6°45	13°59	n.a.	W22
T 23	22 56 20	12°27'51	3♎59	25°14	7° 5	13°32	14° 0	15°57	15°55	16°26	27° 9	8°15	6°42	14° 5	n.a.	T 23
F 24	23 0 17	13°28'24	18°38	26°40	6°31	14°15	14°10	16° 3	15°58	16°26	27° 8	8°10	6°39	14°12	n.a.	F 24
S 25	23 4 13	14°28'58	3♏18	28° 9	5°57	14°58	14°20	16°10	16° 2	16°25	27° 7	8° 4	6°36	14°19	n.a.	S 25
S 26	23 8 10	15°29'34	17°51	29°39	5°25	15°40	14°31	16°16	16° 5	16°25	27° 7	8° 0	6°33	14°25	n.a.	S 26
M27	23 12 6	16°30'11	2♐13	1♍10	4°54	16°23	14°41	16°22	16° 8	16°24	27° 6	7°57	6°29	14°32	n.a.	M27
T 28	23 16 3	17°30'50	16°20	2°43	4°24	17° 6	14°51	16°29	16°12	16°23	27° 5	7°D56	6°26	14°39	n.a.	T 28
W29	23 19 59	18°31'30	0♑12	4°16	3°57	17°49	15° 2	16°35	16°15	16°23	27° 4	7°57	6°23	14°46	n.a.	W29
T 30	23 23 56	19♍32'12	13♑49	5♍51	3♍31	18♍32	15♏12	16♎42	16♎18	16♉22	27♈ 3	7♒58	6♒20	14♉52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n59	27s29	4s 0	12n31	2s19	1s42	7s41	13n 9	0n49	15s12	0n13	3s37	2n 8	5s33	0n28	15n43	1s28	2n25	8s56	18s29	18s41	20n30		n.a.
T 2	14 39	26 56	3 3	13 12	2 1	1 46	7 48	12 53	0 49	15 14	0 12	3 39	2 8	5 34	0 28	15 43	1 28	2 25	8 56	18 28	18 41	20 32		n.a.
F 3	14 20	24 44	1 56	13 52	1 42	1 48	7 54	12 38	0 48	15 17	0 12	3 42	2 8	5 35	0 28	15 43	1 28	2 25	8 56	18 28	18 42	20 34		n.a.
S 4	14 0	21 8	0 44	14 32	1 22	1 49	8 0	12 23	0 48	15 19	0 12	3 44	2 8	5 36	0 28	15 43	1 28	2 24	8 57	18 28	18 43	20 36		n.a.
S 5	13 40	16 29	0n30	15 10	1 2	1 49	8 6	12 7	0 48	15 22	0 12	3 46	2 8	5 37	0 28	15 43	1 28	2 24	8 57	18 28	18 44	20 38		n.a.
M 6	13 19	11 9	1 40	15 45	0 42	1 47	8 10	11 52	0 47	15 24	0 12	3 48	2 7	5 38	0 28	15 43	1 28	2 24	8 57	18 28	18 45	20 40		n.a.
T 7	12 58	5 27	2 44	16 17	0 22	1 44	8 15	11 36	0 47	15 27	0 12	3 51	2 7	5 39	0 28	15 43	1 28	2 23	8 57	18 29	18 46	20 42		n.a.
W 8	12 38	0n21	3 39	16 45	0 2	1 39	8 18	11 20	0 46	15 30	0 11	3 53	2 7	5 40	0 28	15 43	1 28	2 23	8 57	18 29	18 46	20 44		n.a.
T 9	12 16	6 1	4 22	17 8	0n16	1 33	8 21	11 4	0 46	15 32	0 11	3 55	2 7	5 41	0 28	15 43	1 28	2 23	8 57	18 30	18 47	20 47		n.a.
F 10	11 55	11 22	4 53	17 27	0 33	1 26	8 23	10 48	0 45	15 35	0 11	3 58	2 7	5 42	0 28	15 43	1 28	2 23	8 57	18 31	18 48	20 49		n.a.
S 11	11 34	16 13	5 10	17 41	0 48	1 16	8 24	10 32	0 45	15 38	0 11	4 0	2 6	5 43	0 28	15 43	1 28	2 22	8 58	18 32	18 49	20 51		n.a.
S 12	11 12	20 25	5 14	17 51	1 2	1 6	8 25	10 16	0 44	15 41	0 11	4 2	2 6	5 45	0 28	15 43	1 28	2 22	8 58	18 33	18 50	20 53		n.a.
M13	10 50	23 47	5 4	17 56	1 15	0 54	8 24	10 0	0 44	15 43	0 11	4 5	2 6	5 46	0 28	15 42	1 28	2 22	8 58	18 33	18 51	20 55		n.a.
T 14	10 28	26 9	4 41	17 57	1 26	0 40	8 23	9 43	0 43	15 46	0 10	4 7	2 6	5 47	0 28	15 42	1 28	2 21	8 58	18 33	18 51	20 57		n.a.
W15	10 5	27 21	4 6	17 53	1 36	0 26	8 21	9 27	0 43	15 49	0 10	4 9	2 6	5 48	0 28	15 42	1 28	2 21	8 58	18 33	18 52	20 59		n.a.
T 16	9 43	27 15	3 19	17 46	1 44	0 10	8 17	9 10	0 42	15 52	0 10	4 12	2 6	5 49	0 28	15 42	1 28	2 21	8 58	18 32	18 53	21 1		n.a.
F 17	9 20	25 46	2 22	17 34	1 51	0n 7	8 13	8 53	0 42	15 55	0 10	4 14	2 5	5 51	0 28	15 42	1 28	2 20	8 58	18 32	18 54	21 3		n.a.
S 18	8 57	22 56	1 16	17 19	1 56	0 25	8 8	8 37	0 41	15 58	0 10	4 17	2 5	5 52	0 28	15 42	1 28	2 20	8 58	18 32	18 55	21 5		n.a.
S 19	8 35	18 49	0 5	17 1	2 0	0 45	8 2	8 20	0 41	16 1	0 10	4 19	2 5	5 53	0 28	15 42	1 28	2 20	8 58	18 31	18 55	21 7		n.a.
M20	8 11	13 39	1s 9	16 40	2 4	1 4	7 56	8 3	0 40	16 4	0 9	4 22	2 5	5 54	0 27	15 42	1 28	2 19	8 59	18 32	18 56	21 9		n.a.
T 21	7 48	7 38	2 21	16 17	2 6	1 25	7 48	7 46	0 40	16 7	0 9	4 24	2 5	5 56	0 27	15 41	1 28	2 19	8 59	18 32	18 57	21 11		n.a.
W22	7 25	1 8	3 25	15 51	2 7	1 47	7 39	7 29	0 39	16 10	0 9	4 27	2 5	5 57	0 27	15 41	1 28	2 18	8 59	18 33	18 58	21 13		n.a.
T 23	7 1	5s32	4 17	15 22	2 7	2 8	7 30	7 12	0 39	16 14	0 9	4 29	2 5	5 58	0 27	15 41	1 28	2 18	8 59	18 35	18 59	21 15		n.a.
F 24	6 38	11 56	4 53	14 52	2 7	2 31	7 20	6 54	0 38	16 17	0 9	4 32	2 4	5 59	0 27	15 41	1 29	2 18	8 59	18 36	19 0	21 17		n.a.
S 25	6 14	17 42	5 9	14 19	2 6	2 53	7 9	6 37	0 37	16 20	0 9	4 35	2 4	6 1	0 27	15 41	1 29	2 17	8 59	18 37	19 0	21 19		n.a.
S 26	5 50	22 23	5 6	13 46	2 4	3 16	6 57	6 20	0 37	16 23	0 9	4 37	2 4	6 2	0 27	15 40	1 29	2 17	8 59	18 38	19 1	21 21		n.a.
M27	5 26	25 39	4 43	13 10	2 2	3 38	6 45	6 2	0 36	16 26	0 8	4 40	2 4	6 3	0 27	15 40	1 29	2 17	8 59	18 39	19 2	21 23		n.a.
T 28	5 2	27 15	4 4	12 34	1 59	4 1	6 32	5 45	0 36	16 30	0 8	4 42	2 4	6 5	0 27	15 40	1 29	2 16	8 59	18 39	19 3	21 25		n.a.
W29	4 38	27 6	3 10	11 56	1 56	4 23	6 19	5 27	0 35	16 33	0 8	4 45	2 4	6 6	0 27	15 40	1 29	2 16	8 59	18 39	19 4	21 27		n.a.
T 30	4n13	25s18	2s 7	11n17	1n52	4n45	6s 6	5n 9	0n35	16s36	0n 8	4s48	2n 4	6s 7	0n27	15n39	1s29	2n15	8s59	18s39	19s 4	21n29		n.a.

Julian Day Number = 972903.5, Delta T = 13h23m07s
Ecliptic obliquity = 23°55'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'28, Lahiri = -32°12'28 Julian Calendar 1 Sept. 2050 BCE == Greg. Calendar 15 Aug. 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

OCTOBER 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 27 53	20♍32'55	27♉11	7♍25	3°R 8	19♍15	15♏23	16♎48	16♎22	16°R21	27°R 2	8♒ 0	6♒17	14♉59	n.a.	F 1
S 2	23 31 49	21°33'39	10♒19	9° 0	2♍46	19°58	15°34	16°55	16°25	16♉20	27♈ 1	8°R 0	6°14	15° 6	n.a.	S 2
S 3	23 35 46	22°34'24	23°16	10°35	2°27	20°41	15°45	17° 1	16°29	16°19	27° 0	7°59	6°10	15°13	n.a.	S 3
M 4	23 39 42	23°35'11	6♓ 1	12°11	2°10	21°24	15°56	17° 8	16°32	16°19	26°59	7°55	6° 7	15°19	n.a.	M 4
T 5	23 43 39	24°36'00	18°35	13°47	1°56	22° 7	16° 7	17°14	16°35	16°18	26°58	7°50	6° 4	15°26	n.a.	T 5
W 6	23 47 35	25°36'49	1♈ 0	15°22	1°44	22°51	16°18	17°21	16°39	16°17	26°58	7°42	6° 1	15°33	n.a.	W 6
T 7	23 51 32	26°37'40	13°14	16°58	1°35	23°34	16°30	17°28	16°42	16°16	26°57	7°32	5°58	15°39	n.a.	T 7
F 8	23 55 28	27°38'33	25°20	18°34	1°28	24°17	16°41	17°34	16°46	16°15	26°56	7°22	5°54	15°46	n.a.	F 8
S 9	23 59 25	28°39'27	7♉18	20° 9	1°23	25° 1	16°52	17°41	16°49	16°14	26°54	7°13	5°51	15°53	n.a.	S 9
S 10	0 3 21	29°40'23	19°11	21°45	1°D21	25°44	17° 4	17°48	16°53	16°13	26°53	7° 4	5°48	16° 0	n.a.	S 10
M11	0 7 18	0♎41'20	1♊ 2	23°20	1°22	26°27	17°16	17°54	16°57	16°12	26°52	6°57	5°45	16° 6	n.a.	M11
T 12	0 11 15	1°42'19	12°54	24°55	1°25	27°11	17°27	18° 1	17° 0	16°11	26°51	6°53	5°42	16°13	n.a.	T 12
W13	0 15 11	2°43'20	24°52	26°31	1°30	27°55	17°39	18° 8	17° 4	16° 9	26°50	6°51	5°39	16°20	n.a.	W13
T 14	0 19 8	3°44'22	7♋ 0	28° 6	1°38	28°38	17°51	18°15	17° 7	16° 8	26°49	6°D50	5°35	16°27	n.a.	T 14
F 15	0 23 4	4°45'25	19°24	29°41	1°48	29°22	18° 3	18°22	17°11	16° 7	26°48	6°51	5°32	16°33	n.a.	F 15
S 16	0 27 1	5°46'30	2♌ 9	1♎16	2° 0	0♎ 6	18°15	18°29	17°15	16° 6	26°47	6°R52	5°29	16°40	n.a.	S 16
S 17	0 30 57	6°47'36	15°19	2°50	2°15	0°49	18°27	18°35	17°18	16° 5	26°46	6°52	5°26	16°47	n.a.	S 17
M18	0 34 54	7°48'43	28°58	4°25	2°31	1°33	18°40	18°42	17°22	16° 4	26°45	6°49	5°23	16°53	n.a.	M18
T 19	0 38 50	8°49'52	13♍ 5	6° 0	2°50	2°17	18°52	18°49	17°25	16° 2	26°44	6°45	5°19	17° 0	n.a.	T 19
W20	0 42 47	9°51'01	27°38	7°34	3°10	3° 1	19° 4	18°56	17°29	16° 1	26°43	6°37	5°16	17° 7	n.a.	W20
T 21	0 46 44	10°52'12	12♎31	9° 9	3°33	3°45	19°17	19° 3	17°33	16° 0	26°42	6°28	5°13	17°14	n.a.	T 21
F 22	0 50 40	11°53'24	27°37	10°43	3°57	4°29	19°29	19°10	17°36	15°58	26°40	6°17	5°10	17°20	n.a.	F 22
S 23	0 54 37	12°54'36	12♏43	12°18	4°23	5°13	19°42	19°17	17°40	15°57	26°39	6° 7	5° 7	17°27	n.a.	S 23
S 24	0 58 33	13°55'50	27°41	13°52	4°51	5°57	19°55	19°24	17°44	15°56	26°38	5°58	5° 4	17°34	n.a.	S 24
M25	1 2 30	14°57'04	12♐22	15°27	5°20	6°41	20° 7	19°31	17°47	15°54	26°37	5°52	5° 0	17°40	n.a.	M25
T 26	1 6 26	15°58'18	26°41	17° 1	5°51	7°26	20°20	19°38	17°51	15°53	26°36	5°48	4°57	17°47	n.a.	T 26
W27	1 10 23	16°59'33	10♑37	18°36	6°24	8°10	20°33	19°45	17°55	15°51	26°35	5°47	4°54	17°54	n.a.	W27
T 28	1 14 20	18° 0'48	24° 9	20°10	6°58	8°54	20°46	19°52	17°58	15°50	26°33	5°D47	4°51	18° 1	n.a.	T 28
F 29	1 18 16	19° 2'04	7♒21	21°45	7°33	9°39	20°59	19°59	18° 2	15°48	26°32	5°R47	4°48	18° 7	n.a.	F 29
S 30	1 22 13	20° 3'19	20°15	23°20	8°10	10°23	21°12	20° 6	18° 6	15°47	26°31	5°46	4°45	18°14	n.a.	S 30
S 31	1 26 9	21♎ 4'36	2♓55	24♎54	8♍48	11♎ 7	21♏25	20♎13	18♎ 9	15♉45	26♈30	5♒43	4♒41	18♉21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n49	22s 6	0s58	10n37	1n48	5n 7	5s52	4n52	0n34	16s39	0n 8	4s50	2n 4	6s 9	0n27	15n39	1s29	2n15	9s 0	18s39	19s 5	21n31		n.a.
S 2	3 25	17 49	0n13	9 57	1 43	5 27	5 38	4 34	0 34	16 43	0 8	4 53	2 3	6 10	0 27	15 39	1 29	2 15	9 0	18 38	19 6	21 33		n.a.
S 3	3 0	12 46	1 22	9 16	1 39	5 48	5 23	4 16	0 33	16 46	0 8	4 56	2 3	6 11	0 27	15 39	1 29	2 14	9 0	18 39	19 7	21 34		n.a.
M 4	2 36	7 15	2 25	8 34	1 34	6 7	5 8	3 58	0 33	16 50	0 7	4 58	2 3	6 13	0 27	15 38	1 29	2 14	9 0	18 40	19 8	21 36		n.a.
T 5	2 11	1 32	3 21	7 52	1 28	6 26	4 54	3 41	0 32	16 53	0 7	5 1	2 3	6 14	0 27	15 38	1 29	2 13	9 0	18 41	19 8	21 38		n.a.
W 6	1 47	4n 9	4 6	7 9	1 23	6 44	4 39	3 23	0 31	16 56	0 7	5 4	2 3	6 15	0 27	15 38	1 29	2 13	9 0	18 43	19 9	21 40		n.a.
T 7	1 22	9 36	4 39	6 26	1 17	7 2	4 24	3 5	0 31	17 0	0 7	5 6	2 3	6 17	0 27	15 37	1 29	2 13	9 0	18 46	19 10	21 42		n.a.
F 8	0 57	14 37	4 59	5 42	1 11	7 18	4 9	2 47	0 30	17 3	0 7	5 9	2 3	6 18	0 27	15 37	1 29	2 12	9 0	18 48	19 11	21 44		n.a.
S 9	0 33	19 2	5 6	4 58	1 5	7 33	3 55	2 29	0 30	17 7	0 7	5 12	2 3	6 20	0 27	15 37	1 29	2 12	9 0	18 51	19 12	21 46		n.a.
S 10	0 8	22 40	4 59	4 15	0 59	7 47	3 40	2 10	0 29	17 10	0 7	5 14	2 3	6 21	0 27	15 37	1 29	2 11	9 0	18 53	19 12	21 48		n.a.
M11	0s17	25 20	4 39	3 30	0 53	8 1	3 26	1 52	0 29	17 14	0 6	5 17	2 2	6 22	0 27	15 36	1 29	2 11	9 0	18 55	19 13	21 50		n.a.
T 12	0 41	26 54	4 8	2 46	0 47	8 13	3 11	1 34	0 28	17 17	0 6	5 20	2 2	6 24	0 27	15 36	1 29	2 10	9 0	18 56	19 14	21 52		n.a.
W13	1 6	27 15	3 25	2 2	0 40	8 24	2 57	1 16	0 27	17 21	0 6	5 22	2 2	6 25	0 27	15 35	1 29	2 10	9 0	18 57	19 15	21 53		n.a.
T 14	1 31	26 17	2 33	1 17	0 34	8 34	2 44	0 58	0 27	17 24	0 6	5 25	2 2	6 27	0 27	15 35	1 29	2 10	9 0	18 57	19 16	21 55		n.a.
F 15	1 56	24 1	1 32	0 33	0 27	8 43	2 30	0 39	0 26	17 28	0 6	5 28	2 2	6 28	0 27	15 35	1 29	2 9	9 0	18 56	19 16	21 57		n.a.
S 16	2 20	20 30	0 25	0s12	0 21	8 51	2 17	0 21	0 26	17 31	0 6	5 31	2 2	6 29	0 27	15 34	1 29	2 9	9 0	18 56	19 17	21 59		n.a.
S 17	2 45	15 51	0s45	0 56	0 14	8 58	2 4	0 3	0 25	17 35	0 6	5 33	2 2	6 31	0 27	15 34	1 29	2 8	9 0	18 56	19 18	22 1		n.a.
M18	3 10	10 17	1 55	1 40	0 8	9 4	1 51	0s16	0 24	17 39	0 6	5 36	2 2	6 32	0 27	15 34	1 29	2 8	9 0	18 57	19 19	22 3		n.a.
T 19	3 34	4 1	3 0	2 24	0 1	9 9	1 38	0 34	0 24	17 42	0 5	5 39	2 2	6 34	0 27	15 33	1 29	2 8	9 0	18 58	19 20	22 4		n.a.
W20	3 59	2s38	3 56	3 8	0s 5	9 13	1 26	0 52	0 23	17 46	0 5	5 42	2 2	6 35	0 27	15 33	1 29	2 7	9 0	19 0	19 20	22 6		n.a.
T 21	4 23	9 17	4 37	3 52	0 11	9 16	1 14	1 11	0 23	17 49	0 5	5 44	2 2	6 37	0 27	15 32	1 29	2 7	9 0	19 2	19 21	22 8		n.a.
F 22	4 48	15 28	4 59	4 36	0 18	9 18	1 3	1 29	0 22	17 53	0 5	5 47	2 2	6 38	0 27	15 32	1 29	2 6	9 0	19 5	19 22	22 10		n.a.
S 23	5 12	20 43	5 0	5 20	0 24	9 18	0 51	1 47	0 21	17 56	0 5	5 50	2 2	6 39	0 27	15 32	1 29	2 6	9 0	19 8	19 23	22 12		n.a.
S 24	5 36	24 36	4 41	6 3	0 30	9 18	0 40	2 6	0 21	18 0	0 5	5 52	2 2	6 41	0 27	15 31	1 29	2 5	9 0	19 10	19 24	22 14		n.a.
M25	6 0	26 46	4 4	6 46	0 37	9 17	0 30	2 24	0 20	18 4	0 5	5 55	2 1	6 42	0 27	15 31	1 29	2 5	9 0	19 11	19 24	22 15		n.a.
T 26	6 24	27 5	3 12	7 28	0 43	9 15	0 19	2 43	0 19	18 7	0 5	5 58	2 1	6 44	0 27	15 30	1 29	2 5	9 0	19 12	19 25	22 17		n.a.
W27	6 48	25 39	2 9	8 11	0 49	9 12	0 9	3 1	0 19	18 11	0 4	6 1	2 1	6 45	0 27	15 30	1 29	2 4	9 0	19 13	19 26	22 19		n.a.
T 28	7 12	22 44	1 1	8 53	0 55	9 9	0n 1	3 19	0 18	18 15	0 4	6 3	2 1	6 47	0 27	15 29	1 29	2 4	9 0	19 13	19 27	22 21		n.a.
F 29	7 36	18 41	0n 8	9 35	1 0	9 4	0 10	3 38	0 18	18 18	0 4	6 6	2 1	6 48	0 27	15 29	1 29	2 3	9 0	19 13	19 27	22 22		n.a.
S 30	8 0	13 50	1 16	10 16	1 6	8 58	0 19	3 56	0 17	18 22	0 4	6 9	2 1	6 49	0 27	15 29	1 29	2 3	9 0	19 13	19 28	22 24		n.a.
S 31	8s23	8s30	2n18	10s57	1s12	8n52	0n28	4s14	0n16	18s25	0n 4	6s12	2n 1	6s51	0n27	15n28	1s29	2n 3	9s 0	19s14	19s29	22n26		n.a.

Julian Day Number = 972933.5, Delta T = 13h23m05s
Ecliptic obliquity = 23°55'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'24, Lahiri = -32°12'24 Julian Calendar 1 Oct. 2050 BCE == Greg. Calendar 14 Sept. 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

NOVEMBER 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 30 6	22♎ 5'52	15♓22	26♎29	9♍28	11♎52	21♏38	20♎20	18♎13	15°R44	26°R29	5°R37	4♒38	18♉27	n.a.	M 1
T 2	1 34 2	23° 7'09	27°41	28° 4	10° 8	12°36	21°51	20°27	18°17	15♉42	26♈28	5♒28	4°35	18°34	n.a.	T 2
W 3	1 37 59	24° 8'26	9♈52	29°40	10°50	13°21	22° 4	20°34	18°20	15°41	26°26	5°16	4°32	18°41	n.a.	W 3
T 4	1 41 55	25° 9'43	21°56	1♏15	11°33	14° 5	22°18	20°41	18°24	15°39	26°25	5° 2	4°29	18°48	n.a.	T 4
F 5	1 45 52	26°11'01	3♉55	2°50	12°17	14°50	22°31	20°48	18°28	15°38	26°24	4°47	4°25	18°54	n.a.	F 5
S 6	1 49 49	27°12'19	15°50	4°26	13° 2	15°35	22°44	20°55	18°31	15°36	26°23	4°33	4°22	19° 1	n.a.	S 6
S 7	1 53 45	28°13'37	27°42	6° 2	13°48	16°20	22°58	21° 2	18°35	15°34	26°22	4°19	4°19	19° 8	n.a.	S 7
M 8	1 57 42	29°14'56	9♊32	7°38	14°36	17° 4	23°11	21° 9	18°39	15°33	26°21	4° 8	4°16	19°15	n.a.	M 8
T 9	2 1 38	0♏16'16	21°24	9°14	15°24	17°49	23°25	21°16	18°42	15°31	26°19	4° 0	4°13	19°21	n.a.	T 9
W10	2 5 35	1°17'36	3♋21	10°50	16°13	18°34	23°38	21°23	18°46	15°30	26°18	3°55	4°10	19°28	n.a.	W10
T 11	2 9 31	2°18'56	15°27	12°26	17° 2	19°19	23°52	21°29	18°50	15°28	26°17	3°53	4° 6	19°35	n.a.	T 11
F 12	2 13 28	3°20'16	27°47	14° 2	17°53	20° 4	24° 6	21°36	18°53	15°26	26°16	3°52	4° 3	19°41	n.a.	F 12
S 13	2 17 25	4°21'37	10♌25	15°39	18°45	20°49	24°19	21°43	18°57	15°25	26°15	3°52	4° 0	19°48	n.a.	S 13
S 14	2 21 21	5°22'58	23°28	17°15	19°37	21°34	24°33	21°50	19° 0	15°23	26°13	3°51	3°57	19°55	n.a.	S 14
M15	2 25 18	6°24'19	6♍59	18°51	20°30	22°19	24°47	21°57	19° 4	15°21	26°12	3°49	3°54	20° 2	n.a.	M15
T 16	2 29 14	7°25'40	21° 0	20°27	21°23	23° 4	25° 1	22° 4	19° 7	15°20	26°11	3°44	3°50	20° 8	n.a.	T 16
W17	2 33 11	8°27'02	5♎31	22° 2	22°18	23°49	25°14	22°11	19°11	15°18	26°10	3°36	3°47	20°15	n.a.	W17
T 18	2 37 7	9°28'23	20°27	23°37	23°13	24°34	25°28	22°17	19°14	15°16	26° 9	3°25	3°44	20°22	n.a.	T 18
F 19	2 41 4	10°29'45	5♏42	25°12	24° 8	25°20	25°42	22°24	19°18	15°15	26° 8	3°14	3°41	20°28	n.a.	F 19
S 20	2 45 0	11°31'06	21° 3	26°46	25° 4	26° 5	25°56	22°31	19°21	15°13	26° 7	3° 2	3°38	20°35	n.a.	S 20
S 21	2 48 57	12°32'27	6♐19	28°19	26° 1	26°50	26°10	22°38	19°25	15°11	26° 5	2°52	3°35	20°42	n.a.	S 21
M22	2 52 54	13°33'47	21°20	29°51	26°59	27°36	26°24	22°44	19°28	15° 9	26° 4	2°44	3°31	20°49	n.a.	M22
T 23	2 56 50	14°35'07	5♑57	1♐21	27°56	28°21	26°38	22°51	19°32	15° 8	26° 3	2°39	3°28	20°55	n.a.	T 23
W24	3 0 47	15°36'26	20° 6	2°49	28°55	29° 6	26°52	22°58	19°35	15° 6	26° 2	2°36	3°25	21° 2	n.a.	W24
T 25	3 4 43	16°37'45	3♒47	4°16	29°54	29°52	27° 6	23° 4	19°39	15° 4	26° 1	2°D36	3°22	21° 9	n.a.	T 25
F 26	3 8 40	17°39'02	17° 1	5°39	0♎53	0♏37	27°20	23°11	19°42	15° 3	26° 0	2°R36	3°19	21°15	n.a.	F 26
S 27	3 12 36	18°40'19	29°53	7° 0	1°53	1°23	27°34	23°17	19°45	15° 1	25°59	2°36	3°16	21°22	n.a.	S 27
S 28	3 16 33	19°41'35	12♓27	8°17	2°53	2° 8	27°48	23°24	19°49	14°59	25°58	2°33	3°12	21°29	n.a.	S 28
M29	3 20 30	20°42'50	24°46	9°29	3°54	2°54	28° 2	23°30	19°52	14°58	25°57	2°28	3° 9	21°36	n.a.	M29
T 30	3 24 26	21♏44'04	6♈54	10♐37	4♎55	3♏40	28♏16	23♎37	19♎55	14♉56	25♈56	2♒21	3♒ 6	21♉42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s47	2s55	3n13	11s37	1s17	8n45	0n37	4s33	0n16	18s29	0n 4	6s14	2n 1	6s52	0n27	15n28	1s29	2n 2	9s 0	19s15	19s30	22n28		n.a.
T 2	9 10	2n41	3 58	12 17	1 22	8 37	0 45	4 51	0 15	18 33	0 4	6 17	2 1	6 54	0 27	15 27	1 29	2 2	9 0	19 17	19 31	22 29		n.a.
W 3	9 33	8 7	4 31	12 56	1 27	8 28	0 53	5 9	0 14	18 36	0 4	6 20	2 1	6 55	0 27	15 27	1 29	2 1	9 0	19 20	19 31	22 31		n.a.
T 4	9 56	13 12	4 52	13 35	1 32	8 18	1 1	5 27	0 14	18 40	0 3	6 22	2 1	6 57	0 27	15 26	1 30	2 1	9 0	19 24	19 32	22 33		n.a.
F 5	10 19	17 45	4 59	14 13	1 36	8 8	1 8	5 46	0 13	18 43	0 3	6 25	2 1	6 58	0 27	15 26	1 30	2 1	9 0	19 28	19 33	22 35		n.a.
S 6	10 41	21 35	4 54	14 50	1 41	7 57	1 15	6 4	0 12	18 47	0 3	6 28	2 1	6 59	0 27	15 25	1 30	2 0	9 0	19 31	19 34	22 36		n.a.
S 7	11 4	24 31	4 35	15 27	1 45	7 45	1 22	6 22	0 12	18 51	0 3	6 30	2 1	7 1	0 27	15 25	1 30	2 0	9 0	19 34	19 34	22 38		n.a.
M 8	11 26	26 22	4 5	16 3	1 49	7 33	1 29	6 40	0 11	18 54	0 3	6 33	2 1	7 2	0 27	15 24	1 30	2 0	9 0	19 37	19 35	22 40		n.a.
T 9	11 48	27 2	3 24	16 38	1 52	7 19	1 35	6 58	0 10	18 58	0 3	6 36	2 1	7 4	0 27	15 24	1 30	1 59	9 0	19 39	19 36	22 41		n.a.
W10	12 10	26 27	2 34	17 12	1 56	7 6	1 41	7 16	0 10	19 1	0 3	6 38	2 1	7 5	0 27	15 23	1 30	1 59	9 0	19 40	19 37	22 43		n.a.
T 11	12 31	24 36	1 36	17 46	1 59	6 51	1 47	7 34	0 9	19 5	0 3	6 41	2 1	7 7	0 27	15 23	1 30	1 58	9 0	19 41	19 38	22 45		n.a.
F 12	12 53	21 33	0 32	18 18	2 1	6 36	1 52	7 52	0 8	19 8	0 2	6 44	2 1	7 8	0 27	15 22	1 30	1 58	9 0	19 41	19 38	22 47		n.a.
S 13	13 14	17 26	0s35	18 49	2 3	6 20	1 58	8 10	0 8	19 12	0 2	6 46	2 1	7 9	0 27	15 22	1 30	1 58	9 0	19 41	19 39	22 48		n.a.
S 14	13 35	12 23	1 42	19 19	2 5	6 4	2 3	8 28	0 7	19 16	0 2	6 49	2 1	7 11	0 27	15 21	1 30	1 57	9 0	19 41	19 40	22 50		n.a.
M15	13 56	6 35	2 45	19 48	2 7	5 47	2 7	8 46	0 6	19 19	0 2	6 51	2 1	7 12	0 27	15 21	1 30	1 57	9 0	19 42	19 41	22 52		n.a.
T 16	14 16	0 16	3 41	20 16	2 7	5 30	2 12	9 3	0 6	19 23	0 2	6 54	2 1	7 13	0 27	15 20	1 30	1 57	9 0	19 43	19 41	22 53		n.a.
W17	14 37	6s17	4 25	20 42	2 8	5 12	2 16	9 21	0 5	19 26	0 2	6 56	2 1	7 15	0 27	15 20	1 30	1 56	8 59	19 45	19 42	22 55		n.a.
T 18	14 57	12 39	4 53	21 7	2 8	4 53	2 21	9 39	0 4	19 30	0 2	6 59	2 1	7 16	0 27	15 19	1 30	1 56	8 59	19 47	19 43	22 56		n.a.
F 19	15 16	18 23	5 0	21 31	2 7	4 35	2 24	9 56	0 4	19 33	0 2	7 2	2 1	7 17	0 27	15 19	1 30	1 56	8 59	19 50	19 44	22 58		n.a.
S 20	15 36	22 58	4 46	21 52	2 6	4 15	2 28	10 14	0 3	19 37	0 2	7 4	2 1	7 19	0 27	15 18	1 30	1 55	8 59	19 53	19 44	23 0		n.a.
S 21	15 55	25 55	4 11	22 12	2 4	3 55	2 32	10 31	0 2	19 40	0 1	7 7	2 1	7 20	0 27	15 18	1 30	1 55	8 59	19 55	19 45	23 1		n.a.
M22	16 14	26 57	3 19	22 30	2 1	3 35	2 35	10 48	0 2	19 44	0 1	7 9	2 1	7 22	0 27	15 17	1 30	1 55	8 59	19 57	19 46	23 3		n.a.
T 23	16 33	26 3	2 16	22 46	1 58	3 14	2 38	11 5	0 1	19 47	0 1	7 12	2 1	7 23	0 27	15 17	1 29	1 54	8 59	19 58	19 47	23 5		n.a.
W24	16 51	23 28	1 6	23 1	1 54	2 53	2 41	11 23	0 0	19 50	0 1	7 14	2 1	7 24	0 27	15 16	1 29	1 54	8 59	19 59	19 47	23 6		n.a.
T 25	17 9	19 36	0n 6	23 13	1 49	2 32	2 43	11 40	0s 1	19 54	0 1	7 17	2 1	7 25	0 27	15 16	1 29	1 54	8 59	19 59	19 48	23 8		n.a.
F 26	17 27	14 51	1 16	23 22	1 43	2 10	2 46	11 57	0 1	19 57	0 1	7 19	2 1	7 27	0 27	15 15	1 29	1 54	8 59	19 59	19 49	23 9		n.a.
S 27	17 44	9 35	2 19	23 30	1 36	1 48	2 48	12 13	0 2	20 1	0 1	7 21	2 1	7 28	0 27	15 15	1 29	1 53	8 58	19 59	19 50	23 11		n.a.
S 28	18 1	4 3	3 14	23 35	1 28	1 26	2 50	12 30	0 3	20 4	0 1	7 24	2 1	7 29	0 27	15 14	1 29	1 53	8 58	20 0	19 50	23 13		n.a.
M29	18 18	1n32	3 59	23 38	1 19	1 3	2 52	12 47	0 3	20 7	0 0	7 26	2 1	7 31	0 27	15 14	1 29	1 53	8 58	20 1	19 51	23 14		n.a.
T 30	18s34	6n57	4n33	23s38	1s 9	0n40	2n54	13s 3	0s 4	20s11	0n 0	7s29	2n 1	7s32	0n27	15n14	1s29	1n52	8s58	20s 2	19s52	23n16		n.a.

Julian Day Number = 972964.5, Delta T = 13h23m03s
Ecliptic obliquity = 23°55'51, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'20, Lahiri = -32°12'19 Julian Calendar 1 Nov. 2050 BCE == Greg. Calendar 15 Oct. 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2050 BCE
geocentric

DECEMBER 2050 BCE (-2049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 28 23	22♏45'17	18♈56	11♐38	5♎56	4♏25	28♏30	23♎43	19♎58	14°R54	25°R55	2°R10	3♒ 3	21♉49	n.a.	W 1
T 2	3 32 19	23°46'29	0♉52	12°33	6°58	5°11	28°44	23°50	20° 2	14♉52	25♈53	1♒58	3° 0	21°56	n.a.	T 2
F 3	3 36 16	24°47'40	12°46	13°21	8° 0	5°57	28°59	23°56	20° 5	14°51	25°52	1°44	2°56	22° 2	n.a.	F 3
S 4	3 40 12	25°48'51	24°38	14° 0	9° 3	6°42	29°13	24° 2	20° 8	14°49	25°51	1°31	2°53	22° 9	n.a.	S 4
S 5	3 44 9	26°50'00	6♊30	14°30	10° 6	7°28	29°27	24° 9	20°11	14°47	25°50	1°19	2°50	22°16	n.a.	S 5
M 6	3 48 6	27°51'09	18°24	14°50	11° 9	8°14	29°41	24°15	20°14	14°46	25°49	1° 9	2°47	22°23	n.a.	M 6
T 7	3 52 2	28°52'17	0♋21	15°R 0	12°12	9° 0	29°55	24°21	20°17	14°44	25°48	1° 1	2°44	22°29	n.a.	T 7
W 8	3 55 59	29°53'25	12°22	14°58	13°16	9°46	0♐ 9	24°27	20°20	14°43	25°48	0°57	2°41	22°36	n.a.	W 8
T 9	3 59 55	0♐54'31	24°33	14°44	14°20	10°32	0°23	24°33	20°23	14°41	25°47	0°55	2°37	22°43	n.a.	T 9
F 10	4 3 52	1°55'36	6♌55	14°19	15°25	11°17	0°38	24°39	20°26	14°39	25°46	0°D55	2°34	22°50	n.a.	F 10
S 11	4 7 48	2°56'41	19°33	13°43	16°30	12° 3	0°52	24°45	20°29	14°38	25°45	0°56	2°31	22°56	n.a.	S 11
S 12	4 11 45	3°57'45	2♍31	12°56	17°35	12°49	1° 6	24°51	20°32	14°36	25°44	0°R56	2°28	23° 3	n.a.	S 12
M13	4 15 42	4°58'48	15°53	12° 1	18°40	13°35	1°20	24°57	20°35	14°35	25°43	0°56	2°25	23°10	n.a.	M13
T 14	4 19 38	5°59'49	29°42	10°57	19°45	14°22	1°34	25° 3	20°38	14°33	25°42	0°53	2°22	23°16	n.a.	T 14
W15	4 23 35	7° 0'50	13♎59	9°48	20°51	15° 8	1°48	25° 9	20°41	14°31	25°41	0°48	2°18	23°23	n.a.	W15
T 16	4 27 31	8° 1'51	28°42	8°35	21°57	15°54	2° 2	25°15	20°44	14°30	25°40	0°42	2°15	23°30	n.a.	T 16
F 17	4 31 28	9° 2'50	13♏45	7°21	23° 3	16°40	2°17	25°20	20°46	14°28	25°40	0°34	2°12	23°37	n.a.	F 17
S 18	4 35 24	10° 3'47	29° 0	6° 7	24°10	17°26	2°31	25°26	20°49	14°27	25°39	0°25	2° 9	23°43	n.a.	S 18
S 19	4 39 21	11° 4'44	14♐17	4°56	25°16	18°12	2°45	25°32	20°52	14°25	25°38	0°18	2° 6	23°50	n.a.	S 19
M20	4 43 17	12° 5'39	29°23	3°49	26°23	18°58	2°59	25°37	20°55	14°24	25°37	0°12	2° 2	23°57	n.a.	M20
T 21	4 47 14	13° 6'33	14♑10	2°48	27°30	19°45	3°13	25°43	20°57	14°22	25°36	0° 9	1°59	24° 3	n.a.	T 21
W22	4 51 11	14° 7'25	28°31	1°54	28°37	20°31	3°27	25°48	21° 0	14°21	25°36	0°D 8	1°56	24°10	n.a.	W22
T 23	4 55 7	15° 8'15	12♒24	1° 8	29°44	21°17	3°41	25°53	21° 2	14°20	25°35	0° 9	1°53	24°17	n.a.	T 23
F 24	4 59 4	16° 9'04	25°48	0°30	0♏52	22° 4	3°55	25°59	21° 5	14°18	25°34	0°10	1°50	24°24	n.a.	F 24
S 25	5 3 0	17° 9'50	8♓47	29♏59	1°59	22°50	4° 9	26° 4	21° 7	14°17	25°34	0°11	1°47	24°30	n.a.	S 25
S 26	5 6 57	18°10'35	21°24	29°38	3° 7	23°36	4°23	26° 9	21°10	14°15	25°33	0°R11	1°43	24°37	n.a.	S 26
M27	5 10 53	19°11'18	3♈44	29°24	4°15	24°23	4°37	26°14	21°12	14°14	25°32	0°10	1°40	24°44	n.a.	M27
T 28	5 14 50	20°11'59	15°50	29°D18	5°23	25° 9	4°51	26°19	21°14	14°13	25°32	0° 7	1°37	24°50	n.a.	T 28
W29	5 18 47	21°12'38	27°48	29°19	6°31	25°55	5° 5	26°24	21°17	14°11	25°31	0° 2	1°34	24°57	n.a.	W29
T 30	5 22 43	22°13'15	9♉40	29°28	7°40	26°42	5°19	26°29	21°19	14°10	25°30	29♑56	1°31	25° 4	n.a.	T 30
F 31	5 26 40	23♐13'50	21♉31	29♏42	8♏48	27♏28	5♐33	26♎34	21♎21	14♉ 9	25♈30	29♑49	1♒28	25♉11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	18s50	12n 4	4n53	23s36	0s58	0n16	2n55	13s20	0s 5	20s14	0n 0	7s31	2n 1	7s33	0n27	15n13	1s29	1n52	8s58	20s 5	19s53	23n17			n.a.
T 2	19 6	16 42	5 1	23 31	0 46	0s 7	2 57	13 36	0 5	20 17	0 0	7 33	2 1	7 34	0 27	15 13	1 29	1 52	8 58	20 8	19 53	23 19			n.a.
F 3	19 21	20 40	4 56	23 24	0 32	0 31	2 58	13 52	0 6	20 20	0 0	7 36	2 2	7 36	0 27	15 12	1 29	1 52	8 58	20 11	19 54	23 20			n.a.
S 4	19 36	23 48	4 38	23 14	0 17	0 55	2 59	14 8	0 7	20 24	0s 0	7 38	2 2	7 37	0 27	15 12	1 29	1 52	8 57	20 14	19 55	23 22			n.a.
S 5	19 51	25 54	4 7	23 2	0 2	1 20	3 0	14 24	0 8	20 27	0 0	7 40	2 2	7 38	0 27	15 11	1 29	1 51	8 57	20 17	19 56	23 23			n.a.
M 6	20 5	26 50	3 26	22 48	0n15	1 44	3 1	14 40	0 8	20 30	0 0	7 42	2 2	7 39	0 27	15 11	1 29	1 51	8 57	20 19	19 56	23 25			n.a.
T 7	20 19	26 31	2 35	22 31	0 33	2 9	3 1	14 56	0 9	20 33	0 0	7 45	2 2	7 40	0 27	15 10	1 29	1 51	8 57	20 20	19 57	23 26			n.a.
W 8	20 32	24 57	1 37	22 13	0 51	2 34	3 1	15 11	0 10	20 37	0 1	7 47	2 2	7 41	0 27	15 10	1 29	1 51	8 57	20 21	19 58	23 28			n.a.
T 9	20 46	22 13	0 34	21 52	1 10	2 59	3 2	15 27	0 10	20 40	0 1	7 49	2 2	7 43	0 27	15 9	1 29	1 50	8 57	20 22	19 59	23 29			n.a.
F 10	20 58	18 25	0s32	21 30	1 30	3 24	3 2	15 42	0 11	20 43	0 1	7 51	2 2	7 44	0 27	15 9	1 29	1 50	8 57	20 22	19 59	23 31			n.a.
S 11	21 11	13 43	1 38	21 7	1 49	3 49	3 2	15 57	0 12	20 46	0 1	7 54	2 2	7 45	0 27	15 8	1 29	1 50	8 56	20 22	20 0	23 32			n.a.
S 12	21 22	8 18	2 41	20 43	2 7	4 15	3 2	16 12	0 13	20 49	0 1	7 56	2 2	7 46	0 27	15 8	1 29	1 50	8 56	20 22	20 1	23 34			n.a.
M13	21 34	2 21	3 37	20 18	2 25	4 40	3 1	16 27	0 13	20 52	0 1	7 58	2 2	7 47	0 27	15 7	1 29	1 50	8 56	20 22	20 2	23 35			n.a.
T 14	21 45	3s52	4 22	19 53	2 42	5 6	3 1	16 42	0 14	20 55	0 1	8 0	2 2	7 48	0 27	15 7	1 29	1 50	8 56	20 22	20 2	23 37			n.a.
W15	21 56	10 6	4 53	19 28	2 57	5 32	3 0	16 57	0 15	20 58	0 1	8 2	2 2	7 49	0 27	15 7	1 29	1 49	8 56	20 23	20 3	23 38			n.a.
T 16	22 6	15 59	5 6	19 4	3 10	5 57	2 59	17 11	0 16	21 1	0 1	8 4	2 2	7 50	0 27	15 6	1 29	1 49	8 55	20 25	20 4	23 40			n.a.
F 17	22 16	21 1	4 58	18 41	3 20	6 23	2 59	17 25	0 16	21 4	0 2	8 6	2 3	7 51	0 27	15 6	1 29	1 49	8 55	20 27	20 4	23 41			n.a.
S 18	22 25	24 43	4 29	18 20	3 29	6 49	2 58	17 39	0 17	21 7	0 2	8 8	2 3	7 52	0 27	15 5	1 29	1 49	8 55	20 28	20 5	23 43			n.a.
S 19	22 34	26 38	3 41	18 2	3 35	7 14	2 56	17 53	0 18	21 10	0 2	8 10	2 3	7 53	0 27	15 5	1 29	1 49	8 55	20 30	20 6	23 44			n.a.
M20	22 42	26 34	2 38	17 46	3 39	7 40	2 55	18 7	0 18	21 13	0 2	8 12	2 3	7 54	0 27	15 4	1 29	1 49	8 55	20 31	20 7	23 46			n.a.
T 21	22 50	24 34	1 25	17 33	3 41	8 6	2 54	18 20	0 19	21 16	0 2	8 14	2 3	7 55	0 27	15 4	1 29	1 49	8 55	20 32	20 7	23 47			n.a.
W22	22 58	21 1	0 9	17 22	3 40	8 31	2 53	18 34	0 20	21 19	0 2	8 16	2 3	7 56	0 27	15 4	1 29	1 49	8 54	20 32	20 8	23 48			n.a.
T 23	23 5	16 23	1n 6	17 15	3 38	8 57	2 51	18 47	0 21	21 21	0 2	8 18	2 3	7 57	0 27	15 3	1 29	1 49	8 54	20 32	20 9	23 50			n.a.
F 24	23 12	11 4	2 14	17 11	3 34	9 22	2 49	19 0	0 21	21 24	0 2	8 20	2 3	7 58	0 27	15 3	1 29	1 49	8 54	20 32	20 10	23 51			n.a.
S 25	23 18	5 27	3 14	17 11	3 28	9 48	2 48	19 13	0 22	21 27	0 3	8 21	2 3	7 59	0 27	15 2	1 29	1 48	8 54	20 32	20 10	23 53			n.a.
S 26	23 23	0n13	4 2	17 12	3 22	10 13	2 46	19 25	0 23	21 30	0 3	8 23	2 3	8 0	0 27	15 2	1 29	1 48	8 54	20 31	20 11	23 54			n.a.
M27	23 29	5 44	4 38	17 17	3 14	10 38	2 44	19 38	0 24	21 33	0 3	8 25	2 4	8 1	0 27	15 2	1 29	1 48	8 53	20 32	20 12	23 55			n.a.
T 28	23 34	10 57	5 0	17 24	3 5	11 3	2 42	19 50	0 24	21 35	0 3	8 27	2 4	8 2	0 27	15 1	1 29	1 48	8 53	20 32	20 12	23 57			n.a.
W29	23 38	15 42	5 9	17 33	2 56	11 28	2 40	20 2	0 25	21 38	0 3	8 28	2 4	8 3	0 27	15 1	1 29	1 48	8 53	20 34	20 13	23 58			n.a.
T 30	23 42	19 49	5 5	17 45	2 46	11 52	2 37	20 14	0 26	21 41	0 3	8 30	2 4	8 4	0 27	15 1	1 29	1 48	8 53	20 35	20 14	23 59			n.a.
F 31	23s45	23n 8	4n48	17s58	2n36	12s17	2n35	20s26	0s27	21s43	0s 3	8s32	2n 4	8s 4	0n27	15n 0	1s28	1n48	8s53	20s36	20s15	24n 1			n.a.

Julian Day Number = 972994.5, Delta T = 13h23m01s
Ecliptic obliquity = 23°55'51, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'16, Lahiri = -32°12'15 Julian Calendar 1 Dec. 2050 BCE == Greg. Calendar 14 Nov. 2050 BCE

The year -2049 astronomical counting style corresponds to year 2050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

JANUARY 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 30 36	24♐14'23	3♊23	0♐ 3	9♏57	28♏15	5♐46	26♎39	21♎23	14°R 8	25°R29	29°R42	1♒24	25♉17	n.a.	S 1
S 2	5 34 33	25°14'55	15°18	0°29	11° 6	29° 1	6° 0	26°43	21°25	14♉ 6	25♈29	29♑35	1°21	25°24	n.a.	S 2
M 3	5 38 29	26°15'25	27°18	1° 1	12°15	29°48	6°14	26°48	21°27	14° 5	25°28	29°30	1°18	25°31	n.a.	M 3
T 4	5 42 26	27°15'53	9♋23	1°37	13°24	0♐34	6°28	26°53	21°29	14° 4	25°28	29°27	1°15	25°37	n.a.	T 4
W 5	5 46 22	28°16'19	21°37	2°17	14°33	1°21	6°41	26°57	21°31	14° 3	25°27	29°25	1°12	25°44	n.a.	W 5
T 6	5 50 19	29°16'43	3♌59	3° 2	15°42	2° 7	6°55	27° 2	21°33	14° 2	25°27	29°D25	1° 8	25°51	n.a.	T 6
F 7	5 54 16	0♑17'06	16°34	3°50	16°51	2°54	7° 9	27° 6	21°35	14° 1	25°26	29°26	1° 5	25°58	n.a.	F 7
S 8	5 58 12	1°17'27	29°21	4°42	18° 1	3°40	7°22	27°10	21°37	14° 0	25°26	29°27	1° 2	26° 4	n.a.	S 8
S 9	6 2 9	2°17'46	12♍25	5°36	19°10	4°27	7°36	27°14	21°39	13°59	25°26	29°29	0°59	26°11	n.a.	S 9
M10	6 6 5	3°18'03	25°48	6°34	20°20	5°13	7°49	27°18	21°41	13°58	25°25	29°30	0°56	26°18	n.a.	M10
T 11	6 10 2	4°18'19	9♎30	7°35	21°29	6° 0	8° 3	27°23	21°42	13°57	25°25	29°R30	0°53	26°24	n.a.	T 11
W12	6 13 58	5°18'33	23°34	8°38	22°39	6°46	8°16	27°26	21°44	13°56	25°25	29°29	0°49	26°31	n.a.	W12
T 13	6 17 55	6°18'46	7♏59	9°43	23°49	7°33	8°29	27°30	21°46	13°55	25°24	29°27	0°46	26°38	n.a.	T 13
F 14	6 21 51	7°18'56	22°40	10°51	24°59	8°20	8°43	27°34	21°47	13°54	25°24	29°24	0°43	26°44	n.a.	F 14
S 15	6 25 48	8°19'05	7♐33	12° 0	26° 9	9° 6	8°56	27°38	21°49	13°53	25°24	29°21	0°40	26°51	n.a.	S 15
S 16	6 29 45	9°19'13	22°29	13°12	27°19	9°53	9° 9	27°42	21°50	13°52	25°23	29°18	0°37	26°58	n.a.	S 16
M17	6 33 41	10°19'18	7♑22	14°26	28°29	10°40	9°22	27°45	21°52	13°52	25°23	29°17	0°34	27° 5	n.a.	M17
T 18	6 37 38	11°19'21	22° 1	15°41	29°40	11°26	9°35	27°49	21°53	13°51	25°23	29°16	0°30	27°11	n.a.	T 18
W19	6 41 34	12°19'22	6♒22	16°58	0♐50	12°13	9°48	27°52	21°54	13°50	25°23	29°D16	0°27	27°18	n.a.	W19
T 20	6 45 31	13°19'21	20°19	18°16	2° 0	13° 0	10° 1	27°55	21°55	13°49	25°23	29°16	0°24	27°25	n.a.	T 20
F 21	6 49 27	14°19'17	3♓50	19°37	3°11	13°46	10°14	27°58	21°57	13°49	25°23	29°18	0°21	27°31	n.a.	F 21
S 22	6 53 24	15°19'11	16°57	20°58	4°21	14°33	10°27	28° 2	21°58	13°48	25°23	29°19	0°18	27°38	n.a.	S 22
S 23	6 57 20	16°19'02	29°40	22°21	5°32	15°20	10°40	28° 5	21°59	13°47	25°22	29°20	0°14	27°45	n.a.	S 23
M24	7 1 17	17°18'51	12♈ 4	23°46	6°42	16° 6	10°53	28° 8	22° 0	13°47	25°22	29°R20	0°11	27°52	n.a.	M24
T 25	7 5 13	18°18'38	24°13	25°12	7°53	16°53	11° 6	28°10	22° 1	13°46	25°22	29°20	0° 8	27°58	n.a.	T 25
W26	7 9 10	19°18'22	6♉12	26°39	9° 4	17°40	11°18	28°13	22° 2	13°46	25°D22	29°20	0° 5	28° 5	n.a.	W26
T 27	7 13 7	20°18'04	18° 5	28° 7	10°14	18°26	11°31	28°16	22° 3	13°45	25°22	29°19	0° 2	28°12	n.a.	T 27
F 28	7 17 3	21°17'43	29°55	29°37	11°25	19°13	11°43	28°19	22° 4	13°45	25°22	29°18	29♑59	28°18	n.a.	F 28
S 29	7 21 0	22°17'20	11♊48	1♑ 8	12°36	20° 0	11°56	28°21	22° 4	13°44	25°22	29°17	29°55	28°25	n.a.	S 29
S 30	7 24 56	23°16'55	23°47	2°40	13°47	20°46	12° 8	28°23	22° 5	13°44	25°23	29°16	29°52	28°32	n.a.	S 30
M31	7 28 53	24♑16'27	5♋54	4♑14	14♐58	21♐33	12♐20	28♎26	22♎ 6	13♉44	25♈23	29♑15	29♑49	28♉39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	25n29	4n18	18s12	2n26	12s41	2n33	20s37	0s27	21s46	0s 3	8s33	2n 4	8s 5	0n27	15n 0	1s28	1n48	8s52	20s38	20s15	24n 2		n.a.
S 2	23 51	26 42	3 37	18 28	2 15	13 5	2 30	20 48	0 28	21 48	0 3	8 35	2 4	8 6	0 27	15 0	1 28	1 48	8 52	20 39	20 16	24 4		n.a.
M 3	23 53	26 40	2 46	18 45	2 4	13 29	2 28	20 59	0 29	21 51	0 4	8 37	2 4	8 7	0 27	14 59	1 28	1 48	8 52	20 40	20 17	24 5		n.a.
T 4	23 54	25 22	1 47	19 3	1 54	13 53	2 25	21 10	0 29	21 54	0 4	8 38	2 5	8 8	0 27	14 59	1 28	1 48	8 52	20 41	20 17	24 6		n.a.
W 5	23 55	22 51	0 43	19 22	1 43	14 16	2 22	21 21	0 30	21 56	0 4	8 40	2 5	8 8	0 27	14 59	1 28	1 48	8 51	20 42	20 18	24 8		n.a.
T 6	23 56	19 15	0s25	19 41	1 32	14 39	2 20	21 31	0 31	21 58	0 4	8 41	2 5	8 9	0 27	14 58	1 28	1 48	8 51	20 42	20 19	24 9		n.a.
F 7	23 56	14 44	1 33	20 1	1 21	15 2	2 17	21 41	0 32	22 1	0 4	8 43	2 5	8 10	0 27	14 58	1 28	1 48	8 51	20 41	20 20	24 10		n.a.
S 8	23 55	9 29	2 37	20 21	1 11	15 24	2 14	21 51	0 32	22 3	0 4	8 44	2 5	8 10	0 27	14 58	1 28	1 49	8 51	20 41	20 20	24 11		n.a.
S 9	23 55	3 45	3 34	20 41	1 0	15 46	2 11	22 0	0 33	22 6	0 4	8 45	2 5	8 11	0 27	14 58	1 28	1 49	8 51	20 41	20 21	24 13		n.a.
M10	23 53	2s17	4 22	21 2	0 50	16 8	2 8	22 10	0 34	22 8	0 4	8 47	2 5	8 12	0 27	14 57	1 28	1 49	8 50	20 40	20 22	24 14		n.a.
T 11	23 51	8 21	4 55	21 22	0 40	16 30	2 5	22 19	0 35	22 10	0 5	8 48	2 5	8 12	0 27	14 57	1 28	1 49	8 50	20 40	20 22	24 15		n.a.
W12	23 49	14 9	5 13	21 42	0 30	16 51	2 2	22 28	0 35	22 13	0 5	8 50	2 6	8 13	0 27	14 57	1 28	1 49	8 50	20 41	20 23	24 17		n.a.
T 13	23 47	19 20	5 11	22 2	0 20	17 12	1 59	22 36	0 36	22 15	0 5	8 51	2 6	8 14	0 27	14 57	1 28	1 49	8 50	20 41	20 24	24 18		n.a.
F 14	23 43	23 28	4 49	22 21	0 11	17 32	1 56	22 45	0 37	22 17	0 5	8 52	2 6	8 14	0 27	14 56	1 28	1 49	8 49	20 42	20 25	24 19		n.a.
S 15	23 40	26 5	4 7	22 40	0 2	17 52	1 52	22 53	0 37	22 19	0 5	8 53	2 6	8 15	0 27	14 56	1 28	1 49	8 49	20 42	20 25	24 20		n.a.
S 16	23 36	26 51	3 9	22 58	0s 7	18 12	1 49	23 1	0 38	22 22	0 5	8 54	2 6	8 15	0 27	14 56	1 28	1 49	8 49	20 43	20 26	24 22		n.a.
M17	23 31	25 41	1 58	23 16	0 16	18 31	1 46	23 9	0 39	22 24	0 5	8 56	2 6	8 16	0 27	14 56	1 28	1 50	8 49	20 43	20 27	24 23		n.a.
T 18	23 26	22 45	0 40	23 33	0 24	18 49	1 43	23 16	0 40	22 26	0 5	8 57	2 6	8 16	0 27	14 56	1 28	1 50	8 48	20 43	20 27	24 24		n.a.
W19	23 21	18 26	0n39	23 49	0 32	19 8	1 39	23 23	0 40	22 28	0 6	8 58	2 7	8 17	0 27	14 56	1 28	1 50	8 48	20 43	20 28	24 25		n.a.
T 20	23 15	13 13	1 54	24 4	0 40	19 25	1 36	23 30	0 41	22 30	0 6	8 59	2 7	8 17	0 27	14 55	1 27	1 50	8 48	20 43	20 29	24 27		n.a.
F 21	23 9	7 31	3 0	24 19	0 48	19 43	1 32	23 37	0 42	22 32	0 6	9 0	2 7	8 18	0 27	14 55	1 27	1 50	8 48	20 43	20 29	24 28		n.a.
S 22	23 2	1 40	3 54	24 32	0 55	20 0	1 29	23 43	0 42	22 34	0 6	9 1	2 7	8 18	0 27	14 55	1 27	1 50	8 47	20 43	20 30	24 29		n.a.
S 23	22 55	4n 3	4 35	24 44	1 2	20 16	1 25	23 49	0 43	22 36	0 6	9 2	2 7	8 19	0 28	14 55	1 27	1 51	8 47	20 43	20 31	24 30		n.a.
M24	22 47	9 29	5 2	24 56	1 9	20 32	1 22	23 55	0 44	22 38	0 6	9 3	2 7	8 19	0 28	14 55	1 27	1 51	8 47	20 42	20 31	24 31		n.a.
T 25	22 39	14 27	5 15	25 6	1 15	20 47	1 18	24 0	0 44	22 40	0 6	9 4	2 8	8 19	0 28	14 55	1 27	1 51	8 47	20 42	20 32	24 32		n.a.
W26	22 30	18 47	5 14	25 14	1 21	21 2	1 15	24 6	0 45	22 42	0 6	9 5	2 8	8 20	0 28	14 55	1 27	1 51	8 47	20 43	20 33	24 34		n.a.
T 27	22 22	22 21	5 0	25 22	1 27	21 16	1 11	24 11	0 46	22 44	0 7	9 5	2 8	8 20	0 28	14 54	1 27	1 51	8 46	20 43	20 34	24 35		n.a.
F 28	22 12	24 59	4 33	25 28	1 32	21 29	1 8	24 15	0 47	22 46	0 7	9 6	2 8	8 20	0 28	14 54	1 27	1 52	8 46	20 43	20 34	24 36		n.a.
S 29	22 3	26 31	3 54	25 33	1 37	21 43	1 4	24 20	0 47	22 48	0 7	9 7	2 8	8 21	0 28	14 54	1 27	1 52	8 46	20 43	20 35	24 37		n.a.
S 30	21 53	26 51	3 4	25 36	1 42	21 55	1 1	24 24	0 48	22 50	0 7	9 8	2 8	8 21	0 28	14 54	1 27	1 52	8 46	20 43	20 36	24 38		n.a.
M31	21s42	25n54	2n 6	25s38	1s46	22s 7	0n57	24s28	0s49	22s51	0s 7	9s 8	2n 9	8s21	0n28	14n54	1s27	1n52	8s45	20s44	20s36	24n39		n.a.

Julian Day Number = 973025.5, Delta T = 13h22m59s
Ecliptic obliquity = 23°55'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'12, Lahiri = -32°12'11 Julian Calendar 1 Jan. 2049 BCE == Greg. Calendar 15 Dec. 2050 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

FEBRUARY 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 32 49	25♉15'57	18♋10	5♉49	16♐ 9	22♐19	12♐33	28♎28	22♎ 6	13°R43	25♈23	29°R15	29♉46	28♉45	n.a.	T 1
W 2	7 36 46	26°15'25	0♌39	7°25	17°20	23° 6	12°45	28°30	22° 7	13♉43	25°23	29°D15	29°43	28°52	n.a.	W 2
T 3	7 40 42	27°14'50	13°20	9° 3	18°31	23°53	12°57	28°32	22° 8	13°43	25°23	29♉15	29°40	28°59	n.a.	T 3
F 4	7 44 39	28°14'14	26°15	10°41	19°42	24°39	13° 9	28°34	22° 8	13°43	25°23	29°15	29°36	29° 5	n.a.	F 4
S 5	7 48 36	29°13'35	9♍23	12°21	20°53	25°26	13°21	28°36	22° 8	13°42	25°24	29°R15	29°33	29°12	n.a.	S 5
S 6	7 52 32	0♒12'54	22°44	14° 3	22° 5	26°13	13°33	28°38	22° 9	13°42	25°24	29°15	29°30	29°19	n.a.	S 6
M 7	7 56 29	1°12'11	6♎19	15°45	23°16	26°59	13°44	28°39	22° 9	13°42	25°24	29°15	29°27	29°26	n.a.	M 7
T 8	8 0 25	2°11'26	20° 8	17°29	24°27	27°46	13°56	28°41	22° 9	13°42	25°24	29°15	29°24	29°32	n.a.	T 8
W 9	8 4 22	3°10'39	4♏ 9	19°14	25°38	28°32	14° 8	28°43	22°10	13°42	25°25	29°D15	29°20	29°39	n.a.	W 9
T 10	8 8 18	4° 9'51	18°21	21° 1	26°50	29°19	14°19	28°44	22°10	13°D42	25°25	29°15	29°17	29°46	n.a.	T 10
F 11	8 12 15	5° 9'00	2♐42	22°49	28° 1	0♑ 6	14°31	28°45	22°10	13°42	25°25	29°15	29°14	29°52	n.a.	F 11
S 12	8 16 11	6° 8'08	17° 9	24°38	29°13	0°52	14°42	28°46	22°10	13°42	25°26	29°16	29°11	29°59	n.a.	S 12
S 13	8 20 8	7° 7'14	1♑38	26°29	0♑24	1°39	14°53	28°47	22°R10	13°42	25°26	29°16	29° 8	0♊ 6	n.a.	S 13
M14	8 24 4	8° 6'17	16° 4	28°21	1°35	2°25	15° 4	28°48	22°10	13°42	25°26	29°17	29° 5	0°12	n.a.	M14
T 15	8 28 1	9° 5'19	0♒22	0♒14	2°47	3°12	15°15	28°49	22°10	13°42	25°27	29°R17	29° 1	0°19	n.a.	T 15
W16	8 31 58	10° 4'18	14°26	2° 9	3°59	3°58	15°26	28°50	22°10	13°42	25°27	29°17	28°58	0°26	n.a.	W16
T 17	8 35 54	11° 3'15	28°13	4° 5	5°10	4°45	15°37	28°51	22° 9	13°43	25°28	29°16	28°55	0°33	n.a.	T 17
F 18	8 39 51	12° 2'10	11♓41	6° 2	6°22	5°31	15°48	28°51	22° 9	13°43	25°28	29°14	28°52	0°39	n.a.	F 18
S 19	8 43 47	13° 1'02	24°47	8° 1	7°33	6°18	15°59	28°52	22° 9	13°43	25°29	29°12	28°49	0°46	n.a.	S 19
S 20	8 47 44	13°59'52	7♈33	10° 1	8°45	7° 4	16° 9	28°52	22° 8	13°44	25°29	29°10	28°46	0°53	n.a.	S 20
M21	8 51 40	14°58'40	20° 0	12° 2	9°57	7°50	16°20	28°53	22° 8	13°44	25°30	29° 9	28°42	0°59	n.a.	M21
T 22	8 55 37	15°57'25	2♉12	14° 4	11° 8	8°37	16°30	28°53	22° 8	13°44	25°31	29° 7	28°39	1° 6	n.a.	T 22
W23	8 59 33	16°56'07	14°12	16° 7	12°20	9°23	16°40	28°53	22° 7	13°45	25°31	29°D 7	28°36	1°13	n.a.	W23
T 24	9 3 30	17°54'48	26° 6	18°12	13°32	10°10	16°50	28°R53	22° 6	13°45	25°32	29° 7	28°33	1°19	n.a.	T 24
F 25	9 7 26	18°53'26	7♊57	20°17	14°44	10°56	17° 0	28°53	22° 6	13°46	25°32	29° 8	28°30	1°26	n.a.	F 25
S 26	9 11 23	19°52'02	19°51	22°22	15°55	11°42	17°10	28°53	22° 5	13°46	25°33	29° 9	28°26	1°33	n.a.	S 26
S 27	9 15 20	20°50'35	1♋52	24°28	17° 7	12°28	17°20	28°52	22° 4	13°47	25°34	29°11	28°23	1°40	n.a.	S 27
M28	9 19 16	21°49'06	14° 5	26°34	18°19	13°15	17°30	28°52	22° 4	13°47	25°34	29°12	28°20	1°46	n.a.	M28
T 29	9 23 13	22♒47'35	26♋31	28♒40	19♑31	14♑ 1	17♐39	28♎52	22♎ 3	13♉48	25♈35	29°R13	28♉17	1♊53	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s31	23n41	1n 1	25 s38	1 s50	22 s18	0n54	24 s31	0 s49	22 s53	0 s 7	9 s 9	2n 9	8 s21	0n28	14n54	1 s27	1n53	8 s45	20 s44	20 s37	24n41		n.a.
W 2	21 20	20 18	0 s 8	25 36	1 53	22 29	0 50	24 35	0 50	22 55	0 7	9 10	2 9	8 21	0 28	14 54	1 27	1 53	8 45	20 44	20 38	24 42		n.a.
T 3	21 8	15 56	1 17	25 33	1 56	22 39	0 47	24 38	0 51	22 56	0 8	9 10	2 9	8 22	0 28	14 54	1 27	1 53	8 45	20 44	20 38	24 43		n.a.
F 4	20 56	10 46	2 24	25 28	1 59	22 48	0 43	24 40	0 51	22 58	0 8	9 11	2 9	8 22	0 28	14 54	1 27	1 54	8 44	20 44	20 39	24 44		n.a.
S 5	20 44	5 4	3 25	25 21	2 1	22 57	0 40	24 43	0 52	23 0	0 8	9 11	2 9	8 22	0 28	14 54	1 27	1 54	8 44	20 44	20 40	24 45		n.a.
S 6	20 31	0 s57	4 15	25 13	2 3	23 5	0 36	24 45	0 53	23 1	0 8	9 12	2 10	8 22	0 28	14 54	1 27	1 54	8 44	20 44	20 40	24 46		n.a.
M 7	20 18	7 1	4 52	25 2	2 4	23 13	0 33	24 47	0 53	23 3	0 8	9 12	2 10	8 22	0 28	14 54	1 26	1 54	8 44	20 44	20 41	24 47		n.a.
T 8	20 5	12 50	5 13	24 50	2 5	23 20	0 29	24 49	0 54	23 5	0 8	9 13	2 10	8 22	0 28	14 54	1 26	1 55	8 43	20 44	20 42	24 48		n.a.
W 9	19 51	18 6	5 16	24 35	2 6	23 26	0 26	24 50	0 55	23 6	0 8	9 13	2 10	8 22	0 28	14 54	1 26	1 55	8 43	20 44	20 42	24 49		n.a.
T 10	19 37	22 26	5 0	24 19	2 5	23 31	0 22	24 51	0 55	23 8	0 8	9 13	2 10	8 22	0 28	14 54	1 26	1 55	8 43	20 44	20 43	24 50		n.a.
F 11	19 22	25 27	4 25	24 0	2 5	23 36	0 19	24 52	0 56	23 9	0 9	9 14	2 10	8 22	0 28	14 54	1 26	1 56	8 43	20 44	20 44	24 52		n.a.
S 12	19 7	26 50	3 33	23 40	2 4	23 40	0 15	24 52	0 57	23 11	0 9	9 14	2 11	8 22	0 28	14 54	1 26	1 56	8 42	20 43	20 44	24 53		n.a.
S 13	18 52	26 23	2 27	23 17	2 2	23 44	0 12	24 52	0 57	23 12	0 9	9 14	2 11	8 22	0 28	14 54	1 26	1 57	8 42	20 43	20 45	24 54		n.a.
M14	18 37	24 9	1 13	22 52	2 0	23 47	0 9	24 52	0 58	23 13	0 9	9 14	2 11	8 22	0 28	14 55	1 26	1 57	8 42	20 43	20 46	24 55		n.a.
T 15	18 21	20 23	0n 6	22 26	1 58	23 49	0 5	24 52	0 58	23 15	0 9	9 14	2 11	8 22	0 28	14 55	1 26	1 57	8 42	20 43	20 46	24 56		n.a.
W16	18 5	15 31	1 23	21 56	1 54	23 50	0 2	24 51	0 59	23 16	0 9	9 15	2 11	8 22	0 28	14 55	1 26	1 58	8 42	20 43	20 47	24 57		n.a.
T 17	17 49	9 56	2 33	21 25	1 51	23 51	0 s 1	24 50	1 0	23 18	0 9	9 15	2 11	8 22	0 28	14 55	1 26	1 58	8 41	20 43	20 48	24 58		n.a.
F 18	17 32	4 3	3 34	20 52	1 46	23 51	0 4	24 49	1 0	23 19	0 10	9 15	2 12	8 22	0 28	14 55	1 26	1 58	8 41	20 44	20 48	24 59		n.a.
S 19	17 15	1n52	4 21	20 16	1 41	23 50	0 8	24 47	1 1	23 20	0 10	9 15	2 12	8 22	0 28	14 55	1 26	1 59	8 41	20 44	20 49	25 0		n.a.
S 20	16 58	7 32	4 54	19 38	1 36	23 49	0 11	24 46	1 2	23 21	0 10	9 15	2 12	8 22	0 28	14 55	1 26	1 59	8 41	20 45	20 50	25 1		n.a.
M21	16 40	12 46	5 12	18 58	1 30	23 47	0 14	24 44	1 2	23 23	0 10	9 15	2 12	8 22	0 28	14 55	1 26	2 0	8 40	20 45	20 50	25 2		n.a.
T 22	16 23	17 24	5 15	18 16	1 23	23 44	0 17	24 41	1 3	23 24	0 10	9 15	2 12	8 21	0 28	14 56	1 26	2 0	8 40	20 45	20 51	25 3		n.a.
W23	16 5	21 16	5 5	17 32	1 16	23 41	0 20	24 39	1 3	23 25	0 10	9 15	2 12	8 21	0 28	14 56	1 26	2 0	8 40	20 45	20 52	25 4		n.a.
T 24	15 47	24 13	4 42	16 46	1 8	23 36	0 23	24 36	1 4	23 26	0 11	9 14	2 13	8 21	0 28	14 56	1 25	2 1	8 40	20 45	20 52	25 5		n.a.
F 25	15 28	26 8	4 6	15 58	1 0	23 32	0 26	24 32	1 4	23 28	0 11	9 14	2 13	8 21	0 28	14 56	1 25	2 1	8 39	20 45	20 53	25 6		n.a.
S 26	15 9	26 52	3 20	15 9	0 51	23 26	0 29	24 29	1 5	23 29	0 11	9 14	2 13	8 20	0 28	14 56	1 25	2 2	8 39	20 45	20 54	25 7		n.a.
S 27	14 50	26 20	2 25	14 18	0 42	23 20	0 32	24 25	1 6	23 30	0 11	9 14	2 13	8 20	0 28	14 57	1 25	2 2	8 39	20 44	20 54	25 8		n.a.
M28	14 31	24 32	1 22	13 25	0 32	23 13	0 34	24 21	1 6	23 31	0 11	9 13	2 13	8 20	0 28	14 57	1 25	2 3	8 39	20 44	20 55	25 9		n.a.
T 29	14 s12	21n31	0n15	12 s31	0 s22	23 s 5	0 s37	24 s17	1 s 7	23 s32	0 s11	9 s13	2n13	8 s20	0n28	14n57	1 s25	2n 3	8 s39	20 s44	20 s56	25n 9		n.a.

Julian Day Number = 973056.5, Delta T = 13h22m56s
Ecliptic obliquity = 23°55'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'07, Lahiri = -32°12'07 Julian Calendar 1 Feb. 2049 BCE == Greg. Calendar 15 Jan. 2049 BCE

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

MARCH 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 27 9	23♒46'01	9♌14	0♓46	20♑43	14♑47	17♐49	28°R51	22°R 2	13♉49	25♈36	29°R13	28♑14	2♊ 0	n.a.	W 1
T 2	9 31 6	24°44'25	22°14	2°51	21°54	15°33	17°58	28♎50	22♎ 1	13°49	25°37	29♑11	28°11	2° 6	n.a.	T 2
F 3	9 35 2	25°42'48	5♍32	4°55	23° 6	16°19	18° 8	28°50	22° 0	13°50	25°37	29° 8	28° 7	2°13	n.a.	F 3
S 4	9 38 59	26°41'08	19° 6	6°58	24°18	17° 6	18°17	28°49	21°59	13°51	25°38	29° 5	28° 4	2°20	n.a.	S 4
S 5	9 42 55	27°39'26	2♎54	8°59	25°30	17°52	18°26	28°48	21°58	13°51	25°39	29° 0	28° 1	2°26	n.a.	S 5
M 6	9 46 52	28°37'43	16°52	10°58	26°42	18°38	18°34	28°47	21°57	13°52	25°40	28°56	27°58	2°33	n.a.	M 6
T 7	9 50 48	29°35'57	0♏58	12°55	27°54	19°24	18°43	28°46	21°56	13°53	25°41	28°53	27°55	2°40	n.a.	T 7
W 8	9 54 45	0♓34'11	15° 9	14°49	29° 6	20°10	18°52	28°45	21°55	13°54	25°42	28°50	27°51	2°47	n.a.	W 8
T 9	9 58 42	1°32'22	29°21	16°40	0♒18	20°56	19° 0	28°43	21°53	13°55	25°42	28°D50	27°48	2°53	n.a.	T 9
F 10	10 2 38	2°30'32	13♐32	18°29	1°30	21°42	19° 9	28°42	21°52	13°56	25°43	28°50	27°45	3° 0	n.a.	F 10
S 11	10 6 35	3°28'41	27°41	20°14	2°42	22°28	19°17	28°40	21°51	13°57	25°44	28°51	27°42	3° 7	n.a.	S 11
S 12	10 10 31	4°26'47	11♑45	21°55	3°54	23°13	19°25	28°39	21°50	13°58	25°45	28°53	27°39	3°13	n.a.	S 12
M13	10 14 28	5°24'53	25°43	23°33	5° 7	23°59	19°33	28°37	21°48	13°59	25°46	28°R53	27°36	3°20	n.a.	M13
T 14	10 18 24	6°22'56	9♒34	25° 7	6°19	24°45	19°41	28°35	21°47	14° 0	25°47	28°53	27°32	3°27	n.a.	T 14
W15	10 22 21	7°20'58	23°14	26°37	7°31	25°31	19°48	28°33	21°45	14° 1	25°48	28°51	27°29	3°33	n.a.	W15
T 16	10 26 17	8°18'58	6♓41	28° 2	8°43	26°17	19°56	28°31	21°44	14° 2	25°49	28°47	27°26	3°40	n.a.	T 16
F 17	10 30 14	9°16'56	19°53	29°24	9°55	27° 2	20° 3	28°29	21°42	14° 3	25°50	28°41	27°23	3°47	n.a.	F 17
S 18	10 34 10	10°14'52	2♈50	0♈41	11° 7	27°48	20°11	28°27	21°41	14° 4	25°51	28°34	27°20	3°54	n.a.	S 18
S 19	10 38 7	11°12'46	15°30	1°54	12°20	28°34	20°18	28°25	21°39	14° 5	25°52	28°27	27°17	4° 0	n.a.	S 19
M20	10 42 4	12°10'39	27°55	3° 2	13°32	29°19	20°25	28°23	21°37	14° 7	25°53	28°19	27°13	4° 7	n.a.	M20
T 21	10 46 0	13° 8'30	10♉ 6	4° 6	14°44	0♒ 5	20°32	28°21	21°35	14° 8	25°54	28°13	27°10	4°14	n.a.	T 21
W22	10 49 57	14° 6'19	22° 6	5° 5	15°56	0°50	20°38	28°18	21°34	14° 9	25°55	28° 9	27° 7	4°20	n.a.	W22
T 23	10 53 53	15° 4'06	3♊59	5°59	17° 9	1°36	20°45	28°16	21°32	14°10	25°56	28° 6	27° 4	4°27	n.a.	T 23
F 24	10 57 50	16° 1'51	15°50	6°49	18°21	2°21	20°51	28°13	21°30	14°12	25°58	28°D 6	27° 1	4°34	n.a.	F 24
S 25	11 1 46	16°59'34	27°44	7°34	19°33	3° 6	20°57	28°10	21°28	14°13	25°59	28° 6	26°57	4°40	n.a.	S 25
S 26	11 5 43	17°57'16	9♋45	8°14	20°46	3°52	21° 3	28° 8	21°26	14°15	26° 0	28° 7	26°54	4°47	n.a.	S 26
M27	11 9 39	18°54'55	21°59	8°49	21°58	4°37	21° 9	28° 5	21°25	14°16	26° 1	28°R 8	26°51	4°54	n.a.	M27
T 28	11 13 36	19°52'33	4♌31	9°19	23°10	5°22	21°15	28° 2	21°23	14°17	26° 2	28° 8	26°48	5° 1	n.a.	T 28
W29	11 17 33	20°50'09	17°23	9°44	24°23	6° 7	21°20	27°59	21°21	14°19	26° 3	28° 7	26°45	5° 7	n.a.	W29
T 30	11 21 29	21°47'44	0♍38	10° 4	25°35	6°52	21°26	27°56	21°19	14°20	26° 5	28° 3	26°42	5°14	n.a.	T 30
F 31	11 25 26	22♓45'17	14♍16	10♈19	26♒47	7♒37	21♐31	27♎53	21♎17	14♉22	26♈ 6	27♑57	26♑38	5♊21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s52	17n26	0s55	11s36	0s12	22s57	0s40	24s12	1s 7	23s33	0s11	9s13	2n14	8s19	0n28	14n57	1s25	2n 4	8s38	20s44	20s56	25n10		n.a.
T 2	13 33	12 27	2 3	10 41	0 1	22 48	0 43	24 8	1 8	23 34	0 12	9 12	2 14	8 19	0 28	14 58	1 25	2 4	8 38	20 44	20 57	25 11		n.a.
F 3	13 13	6 48	3 6	9 45	0n10	22 39	0 45	24 2	1 8	23 35	0 12	9 12	2 14	8 18	0 28	14 58	1 25	2 5	8 38	20 45	20 58	25 12		n.a.
S 4	12 52	0 44	4 0	8 48	0 22	22 29	0 48	23 57	1 9	23 36	0 12	9 12	2 14	8 18	0 28	14 58	1 25	2 5	8 38	20 46	20 58	25 13		n.a.
S 5	12 32	5s27	4 41	7 52	0 33	22 18	0 50	23 52	1 9	23 37	0 12	9 11	2 14	8 18	0 28	14 58	1 25	2 6	8 38	20 47	20 59	25 14		n.a.
M 6	12 11	11 27	5 6	6 55	0 44	22 6	0 52	23 46	1 10	23 38	0 12	9 11	2 14	8 17	0 28	14 59	1 25	2 6	8 37	20 48	21 0	25 15		n.a.
T 7	11 51	16 54	5 12	5 59	0 56	21 54	0 55	23 40	1 11	23 39	0 12	9 10	2 14	8 17	0 28	14 59	1 25	2 7	8 37	20 48	21 0	25 16		n.a.
W 8	11 30	21 29	5 0	5 4	1 7	21 41	0 57	23 33	1 11	23 40	0 13	9 9	2 15	8 16	0 28	14 59	1 25	2 7	8 37	20 49	21 1	25 17		n.a.
T 9	11 9	24 48	4 29	4 10	1 18	21 28	0 59	23 27	1 12	23 41	0 13	9 9	2 15	8 16	0 28	15 0	1 25	2 8	8 37	20 49	21 2	25 18		n.a.
F 10	10 48	26 34	3 42	3 17	1 29	21 14	1 2	23 20	1 12	23 41	0 13	9 8	2 15	8 15	0 28	15 0	1 25	2 8	8 37	20 49	21 2	25 18		n.a.
S 11	10 26	26 37	2 42	2 26	1 39	20 59	1 4	23 12	1 13	23 42	0 13	9 7	2 15	8 15	0 28	15 0	1 25	2 9	8 36	20 49	21 3	25 19		n.a.
S 12	10 5	24 56	1 32	1 36	1 49	20 44	1 6	23 5	1 13	23 43	0 13	9 7	2 15	8 14	0 28	15 1	1 25	2 9	8 36	20 48	21 3	25 20		n.a.
M13	9 43	21 43	0 17	0 48	1 59	20 28	1 8	22 58	1 14	23 44	0 13	9 6	2 15	8 14	0 28	15 1	1 24	2 10	8 36	20 48	21 4	25 21		n.a.
T 14	9 21	17 18	0n58	0 2	2 8	20 12	1 10	22 50	1 14	23 45	0 14	9 5	2 15	8 13	0 28	15 1	1 24	2 10	8 36	20 48	21 5	25 22		n.a.
W15	8 59	12 2	2 8	0n42	2 16	19 55	1 11	22 42	1 14	23 46	0 14	9 4	2 16	8 13	0 28	15 2	1 24	2 11	8 36	20 49	21 5	25 23		n.a.
T 16	8 37	6 18	3 11	1 24	2 24	19 38	1 13	22 33	1 15	23 46	0 14	9 4	2 16	8 12	0 28	15 2	1 24	2 11	8 35	20 50	21 6	25 24		n.a.
F 17	8 15	0 24	4 1	2 3	2 31	19 19	1 15	22 25	1 15	23 47	0 14	9 3	2 16	8 11	0 28	15 3	1 24	2 12	8 35	20 51	21 7	25 24		n.a.
S 18	7 53	5n23	4 38	2 40	2 37	19 1	1 17	22 16	1 16	23 48	0 14	9 2	2 16	8 11	0 28	15 3	1 24	2 12	8 35	20 52	21 7	25 25		n.a.
S 19	7 30	10 50	5 1	3 15	2 43	18 42	1 18	22 7	1 16	23 49	0 15	9 1	2 16	8 10	0 28	15 3	1 24	2 13	8 35	20 54	21 8	25 26		n.a.
M20	7 8	15 44	5 9	3 47	2 47	18 22	1 20	21 58	1 17	23 49	0 15	9 0	2 16	8 10	0 28	15 4	1 24	2 13	8 35	20 55	21 9	25 27		n.a.
T 21	6 45	19 54	5 2	4 16	2 51	18 2	1 21	21 48	1 17	23 50	0 15	8 59	2 16	8 9	0 28	15 4	1 24	2 14	8 35	20 56	21 9	25 27		n.a.
W22	6 23	23 12	4 42	4 43	2 54	17 42	1 22	21 39	1 18	23 51	0 15	8 58	2 16	8 8	0 28	15 5	1 24	2 14	8 34	20 57	21 10	25 28		n.a.
T 23	6 0	25 28	4 11	5 7	2 56	17 20	1 24	21 29	1 18	23 51	0 15	8 57	2 17	8 8	0 28	15 5	1 24	2 15	8 34	20 58	21 10	25 29		n.a.
F 24	5 37	26 36	3 28	5 28	2 57	16 59	1 25	21 19	1 18	23 52	0 15	8 56	2 17	8 7	0 28	15 6	1 24	2 16	8 34	20 58	21 11	25 30		n.a.
S 25	5 14	26 31	2 37	5 46	2 57	16 37	1 26	21 8	1 19	23 52	0 16	8 55	2 17	8 6	0 28	15 6	1 24	2 16	8 34	20 58	21 12	25 31		n.a.
S 26	4 51	25 11	1 38	6 1	2 56	16 14	1 27	20 58	1 19	23 53	0 16	8 54	2 17	8 5	0 28	15 6	1 24	2 17	8 34	20 58	21 12	25 31		n.a.
M27	4 28	22 38	0 33	6 14	2 54	15 52	1 28	20 47	1 20	23 54	0 16	8 53	2 17	8 5	0 28	15 7	1 24	2 17	8 34	20 57	21 13	25 32		n.a.
T 28	4 5	18 58	0s34	6 23	2 51	15 28	1 29	20 36	1 20	23 54	0 16	8 52	2 17	8 4	0 28	15 7	1 24	2 18	8 33	20 57	21 14	25 33		n.a.
W29	3 42	14 20	1 42	6 29	2 47	15 5	1 30	20 25	1 20	23 55	0 16	8 50	2 17	8 3	0 28	15 8	1 24	2 18	8 33	20 58	21 14	25 34		n.a.
T 30	3 19	8 54	2 45	6 33	2 42	14 40	1 31	20 14	1 21	23 55	0 17	8 49	2 17	8 2	0 28	15 8	1 24	2 19	8 33	20 59	21 15	25 34		n.a.
F 31	2s56	2n55	3s41	6n33	2n36	14s16	1s31	20s 3	1s21	23s56	0s17	8s48	2n17	8s 2	0n28	15n 9	1s24	2n20	8s33	21s 0	21s15	25n35		n.a.

Julian Day Number = 973085.5, Delta T = 13h22m54s
Ecliptic obliquity = 23°55'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°19'03, Lahiri = -32°12'03 Julian Calendar 1 March 2049 BCE == Greg. Calendar 13 Feb. 2049 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

APRIL 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 29 22	23♓42'48	28♍14	10♈30	28♒ 0	8♒22	21♐36	27°R49	21°R14	14♉23	26♈ 7	27°R49	26♑35	5♊27	n.a.	S 1
S 2	11 33 19	24°40'18	12♎29	10°35	29°12	9° 7	21°41	27♎46	21♎12	14°25	26° 8	27♑40	26°32	5°34	n.a.	S 2
M 3	11 37 15	25°37'47	26°55	10°R35	0♓25	9°52	21°46	27°43	21°10	14°26	26° 9	27°31	26°29	5°41	n.a.	M 3
T 4	11 41 12	26°35'15	11♏26	10°31	1°37	10°37	21°50	27°40	21° 8	14°28	26°11	27°24	26°26	5°47	n.a.	T 4
W 5	11 45 8	27°32'41	25°55	10°22	2°50	11°22	21°55	27°36	21° 6	14°30	26°12	27°18	26°23	5°54	n.a.	W 5
T 6	11 49 5	28°30'07	10♐18	10° 9	4° 2	12° 7	21°59	27°33	21° 4	14°31	26°13	27°14	26°19	6° 1	n.a.	T 6
F 7	11 53 1	29°27'32	24°32	9°52	5°15	12°52	22° 3	27°29	21° 2	14°33	26°14	27°D13	26°16	6° 7	n.a.	F 7
S 8	11 56 58	0♈24'56	8♑34	9°31	6°27	13°36	22° 7	27°26	20°59	14°35	26°16	27°13	26°13	6°14	n.a.	S 8
S 9	12 0 55	1°22'19	22°24	9° 7	7°40	14°21	22°11	27°22	20°57	14°36	26°17	27°R14	26°10	6°21	n.a.	S 9
M10	12 4 51	2°19'41	6♒ 2	8°40	8°52	15° 6	22°14	27°18	20°55	14°38	26°18	27°13	26° 7	6°28	n.a.	M10
T 11	12 8 48	3°17'02	19°29	8°10	10° 5	15°50	22°18	27°14	20°53	14°40	26°20	27°11	26° 3	6°34	n.a.	T 11
W12	12 12 44	4°14'23	2♓45	7°39	11°18	16°35	22°21	27°11	20°50	14°42	26°21	27° 7	26° 0	6°41	n.a.	W12
T 13	12 16 41	5°11'42	15°50	7° 6	12°30	17°19	22°24	27° 7	20°48	14°43	26°22	27° 0	25°57	6°48	n.a.	T 13
F 14	12 20 37	6° 9'01	28°43	6°32	13°43	18° 3	22°27	27° 3	20°46	14°45	26°24	26°50	25°54	6°54	n.a.	F 14
S 15	12 24 34	7° 6'18	11♈24	5°59	14°55	18°48	22°29	26°59	20°43	14°47	26°25	26°39	25°51	7° 1	n.a.	S 15
S 16	12 28 30	8° 3'34	23°52	5°25	16° 8	19°32	22°32	26°55	20°41	14°49	26°26	26°26	25°48	7° 8	n.a.	S 16
M17	12 32 27	9° 0'50	6♉ 9	4°53	17°21	20°16	22°34	26°51	20°38	14°51	26°28	26°14	25°44	7°14	n.a.	M17
T 18	12 36 24	9°58'04	18°14	4°21	18°34	21° 0	22°36	26°47	20°36	14°53	26°29	26° 4	25°41	7°21	n.a.	T 18
W19	12 40 20	10°55'18	0♊11	3°52	19°46	21°44	22°38	26°43	20°34	14°55	26°30	25°55	25°38	7°28	n.a.	W19
T 20	12 44 17	11°52'31	12° 2	3°26	20°59	22°28	22°39	26°39	20°31	14°57	26°32	25°49	25°35	7°34	n.a.	T 20
F 21	12 48 13	12°49'42	23°51	3° 2	22°12	23°12	22°41	26°34	20°29	14°58	26°33	25°46	25°32	7°41	n.a.	F 21
S 22	12 52 10	13°46'53	5♋43	2°41	23°24	23°56	22°42	26°30	20°26	15° 0	26°35	25°44	25°28	7°48	n.a.	S 22
S 23	12 56 6	14°44'02	17°43	2°25	24°37	24°40	22°43	26°26	20°24	15° 2	26°36	25°D44	25°25	7°54	n.a.	S 23
M24	13 0 3	15°41'11	29°57	2°12	25°50	25°23	22°44	26°22	20°22	15° 4	26°37	25°R44	25°22	8° 1	n.a.	M24
T 25	13 4 0	16°38'18	12♌29	2° 3	27° 3	26° 7	22°45	26°17	20°19	15° 6	26°39	25°43	25°19	8° 8	n.a.	T 25
W26	13 7 56	17°35'25	25°23	1°58	28°16	26°51	22°46	26°13	20°17	15° 8	26°40	25°40	25°16	8°15	n.a.	W26
T 27	13 11 53	18°32'31	8♍45	1°D58	29°29	27°34	22°46	26° 9	20°14	15°10	26°41	25°35	25°13	8°21	n.a.	T 27
F 28	13 15 49	19°29'36	22°33	2° 2	0♈41	28°18	22°R46	26° 4	20°12	15°12	26°43	25°28	25° 9	8°28	n.a.	F 28
S 29	13 19 46	20°26'40	6♎47	2°11	1°54	29° 1	22°46	26° 0	20° 9	15°14	26°44	25°18	25° 6	8°35	n.a.	S 29
S 30	13 23 42	21♈23'44	21♎23	2♈25	3♈ 7	29♒44	22♐46	25♎56	20♎ 7	15♉17	26♈46	25♑ 7	25♑ 3	8♊41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s33	3s20	4s25	6n30	2n28	13s51	1s32	19s51	1s22	23s56	0s17	8s47	2n17	8s 1	0n28	15n 9	1s24	2n20	8s33	21s 1	21s16	25n36		n.a.
S 2	2 10	9 31	4 54	6 24	2 20	13 26	1 33	19 39	1 22	23 57	0 17	8 46	2 18	8 0	0 28	15 10	1 23	2 21	8 33	21 3	21 17	25 36		n.a.
M 3	1 46	15 18	5 5	6 16	2 10	13 0	1 33	19 27	1 22	23 57	0 17	8 44	2 18	7 59	0 28	15 10	1 23	2 21	8 32	21 5	21 17	25 37		n.a.
T 4	1 23	20 14	4 56	6 4	1 59	12 34	1 34	19 15	1 23	23 58	0 18	8 43	2 18	7 58	0 28	15 11	1 23	2 22	8 32	21 7	21 18	25 38		n.a.
W 5	1 0	23 58	4 28	5 50	1 48	12 8	1 34	19 3	1 23	23 58	0 18	8 42	2 18	7 58	0 28	15 11	1 23	2 22	8 32	21 8	21 19	25 38		n.a.
T 6	0 36	26 8	3 43	5 33	1 35	11 41	1 34	18 50	1 23	23 59	0 18	8 40	2 18	7 57	0 28	15 12	1 23	2 23	8 32	21 8	21 19	25 39		n.a.
F 7	0 13	26 34	2 45	5 13	1 21	11 14	1 35	18 38	1 24	23 59	0 18	8 39	2 18	7 56	0 28	15 13	1 23	2 24	8 32	21 9	21 20	25 40		n.a.
S 8	0n10	25 17	1 38	4 52	1 7	10 47	1 35	18 25	1 24	24 0	0 18	8 38	2 18	7 55	0 28	15 13	1 23	2 24	8 32	21 9	21 20	25 40		n.a.
S 9	0 33	22 27	0 26	4 28	0 51	10 20	1 35	18 12	1 24	24 0	0 19	8 36	2 18	7 54	0 28	15 14	1 23	2 25	8 32	21 9	21 21	25 41		n.a.
M10	0 57	18 24	0n47	4 3	0 36	9 52	1 35	17 59	1 24	24 1	0 19	8 35	2 18	7 53	0 28	15 14	1 23	2 25	8 32	21 9	21 22	25 42		n.a.
T 11	1 20	13 27	1 56	3 36	0 19	9 24	1 35	17 46	1 25	24 1	0 19	8 33	2 18	7 52	0 28	15 15	1 23	2 26	8 31	21 9	21 22	25 42		n.a.
W12	1 43	7 57	2 57	3 8	0 3	8 56	1 35	17 32	1 25	24 1	0 19	8 32	2 18	7 52	0 28	15 15	1 23	2 26	8 31	21 10	21 23	25 43		n.a.
T 13	2 6	2 12	3 48	2 39	0s14	8 27	1 34	17 19	1 25	24 2	0 19	8 31	2 18	7 51	0 28	15 16	1 23	2 27	8 31	21 11	21 23	25 44		n.a.
F 14	2 29	3n32	4 26	2 10	0 31	7 58	1 34	17 5	1 26	24 2	0 20	8 29	2 18	7 50	0 28	15 17	1 23	2 28	8 31	21 13	21 24	25 44		n.a.
S 15	2 53	9 2	4 51	1 41	0 48	7 30	1 34	16 51	1 26	24 2	0 20	8 28	2 18	7 49	0 28	15 17	1 23	2 28	8 31	21 15	21 25	25 45		n.a.
S 16	3 16	14 5	5 1	1 13	1 5	7 0	1 33	16 37	1 26	24 3	0 20	8 26	2 18	7 48	0 28	15 18	1 23	2 29	8 31	21 18	21 25	25 45		n.a.
M17	3 39	18 30	4 57	0 45	1 21	6 31	1 33	16 23	1 26	24 3	0 20	8 25	2 18	7 47	0 28	15 18	1 23	2 29	8 31	21 20	21 26	25 46		n.a.
T 18	4 2	22 4	4 39	0 18	1 37	6 2	1 32	16 9	1 26	24 3	0 20	8 23	2 18	7 46	0 28	15 19	1 23	2 30	8 31	21 22	21 26	25 47		n.a.
W19	4 24	24 40	4 10	0s 8	1 52	5 32	1 32	15 55	1 27	24 4	0 21	8 22	2 18	7 45	0 28	15 19	1 23	2 31	8 31	21 24	21 27	25 47		n.a.
T 20	4 47	26 9	3 30	0 32	2 6	5 2	1 31	15 40	1 27	24 4	0 21	8 20	2 18	7 44	0 28	15 20	1 23	2 31	8 31	21 25	21 28	25 48		n.a.
F 21	5 10	26 27	2 40	0 53	2 19	4 32	1 30	15 26	1 27	24 4	0 21	8 19	2 18	7 43	0 28	15 21	1 23	2 32	8 30	21 26	21 28	25 48		n.a.
S 22	5 33	25 32	1 44	1 13	2 31	4 2	1 30	15 11	1 27	24 5	0 21	8 17	2 18	7 42	0 28	15 21	1 23	2 32	8 30	21 26	21 29	25 49		n.a.
S 23	5 55	23 26	0 42	1 30	2 43	3 32	1 29	14 56	1 28	24 5	0 21	8 15	2 18	7 41	0 28	15 22	1 23	2 33	8 30	21 26	21 29	25 49		n.a.
M24	6 18	20 13	0s22	1 45	2 53	3 2	1 28	14 42	1 28	24 5	0 22	8 14	2 18	7 41	0 28	15 23	1 23	2 33	8 30	21 26	21 30	25 50		n.a.
T 25	6 40	16 1	1 27	1 57	3 2	2 31	1 27	14 27	1 28	24 6	0 22	8 12	2 18	7 40	0 28	15 23	1 23	2 34	8 30	21 26	21 31	25 50		n.a.
W26	7 2	10 58	2 30	2 6	3 10	2 1	1 26	14 12	1 28	24 6	0 22	8 11	2 18	7 39	0 28	15 24	1 23	2 35	8 30	21 27	21 31	25 51		n.a.
T 27	7 25	5 16	3 27	2 12	3 17	1 30	1 25	13 56	1 28	24 6	0 22	8 9	2 18	7 38	0 28	15 24	1 23	2 35	8 30	21 28	21 32	25 51		n.a.
F 28	7 47	0s51	4 13	2 16	3 23	1 0	1 23	13 41	1 28	24 6	0 23	8 8	2 18	7 37	0 28	15 25	1 22	2 36	8 30	21 29	21 32	25 52		n.a.
S 29	8 9	7 6	4 45	2 17	3 28	0 29	1 22	13 26	1 29	24 6	0 23	8 6	2 18	7 36	0 28	15 26	1 22	2 36	8 30	21 31	21 33	25 52		n.a.
S 30	8n31	13s 7	5s 0	2s15	3s31	0n 2	1s21	13s10	1s29	24s 7	0s23	8s 4	2n18	7s35	0n28	15n26	1s22	2n37	8s30	21s33	21s34	25n53		n.a.

Julian Day Number = 973116.5, Delta T = 13h22m52s
Ecliptic obliquity = 23°55'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'59, Lahiri = -32°11'59 Julian Calendar 1 Apr. 2049 BCE == Greg. Calendar 15 March 2049 BCE

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

MAY 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 27 39	22♈20'47	6♏13	2♈43	4♈20	0♓28	22°R46	25°R51	20°R 4	15♉19	26♈47	24°R56	25♑ 0	8♊48	n.a.	M 1
T 2	13 31 35	23°17'50	21° 8	3° 5	5°33	1°11	22♐45	25♎47	20♎ 2	15°21	26°49	24♑46	24°57	8°55	n.a.	T 2
W 3	13 35 32	24°14'53	6♐ 0	3°33	6°46	1°54	22°44	25°43	19°59	15°23	26°50	24°39	24°54	9° 1	n.a.	W 3
T 4	13 39 29	25°11'56	20°41	4° 4	7°59	2°37	22°43	25°38	19°57	15°25	26°51	24°34	24°50	9° 8	n.a.	T 4
F 5	13 43 25	26° 8'58	5♑ 6	4°40	9°12	3°20	22°42	25°34	19°55	15°27	26°53	24°32	24°47	9°15	n.a.	F 5
S 6	13 47 22	27° 6'01	19°12	5°20	10°25	4° 3	22°41	25°30	19°52	15°29	26°54	24°31	24°44	9°21	n.a.	S 6
S 7	13 51 18	28° 3'04	2♒59	6° 5	11°38	4°46	22°39	25°25	19°50	15°31	26°56	24°31	24°41	9°28	n.a.	S 7
M 8	13 55 15	29° 0'06	16°29	6°54	12°51	5°29	22°38	25°21	19°47	15°33	26°57	24°30	24°38	9°35	n.a.	M 8
T 9	13 59 11	29°57'09	29°42	7°47	14° 4	6°11	22°36	25°16	19°45	15°36	26°58	24°28	24°34	9°41	n.a.	T 9
W10	14 3 8	0♉54'12	12♓40	8°44	15°17	6°54	22°34	25°12	19°42	15°38	27° 0	24°23	24°31	9°48	n.a.	W10
T 11	14 7 5	1°51'15	25°26	9°44	16°30	7°36	22°31	25° 8	19°40	15°40	27° 1	24°15	24°28	9°55	n.a.	T 11
F 12	14 11 1	2°48'18	8♈ 1	10°49	17°44	8°19	22°29	25° 3	19°38	15°42	27° 3	24° 5	24°25	10° 2	n.a.	F 12
S 13	14 14 58	3°45'21	20°26	11°58	18°57	9° 1	22°26	24°59	19°35	15°44	27° 4	23°52	24°22	10° 8	n.a.	S 13
S 14	14 18 54	4°42'24	2♉41	13°11	20°10	9°44	22°23	24°55	19°33	15°46	27° 5	23°39	24°19	10°15	n.a.	S 14
M15	14 22 51	5°39'27	14°47	14°27	21°23	10°26	22°20	24°51	19°31	15°49	27° 7	23°26	24°15	10°22	n.a.	M15
T 16	14 26 47	6°36'31	26°46	15°47	22°36	11° 8	22°17	24°46	19°28	15°51	27° 8	23°15	24°12	10°28	n.a.	T 16
W17	14 30 44	7°33'34	8♊38	17°10	23°50	11°50	22°14	24°42	19°26	15°53	27°10	23° 5	24° 9	10°35	n.a.	W17
T 18	14 34 40	8°30'37	20°27	18°38	25° 3	12°32	22°10	24°38	19°24	15°55	27°11	22°58	24° 6	10°42	n.a.	T 18
F 19	14 38 37	9°27'41	2♋14	20° 9	26°16	13°14	22° 6	24°34	19°21	15°57	27°12	22°54	24° 3	10°48	n.a.	F 19
S 20	14 42 34	10°24'44	14° 6	21°43	27°30	13°56	22° 2	24°30	19°19	16° 0	27°14	22°52	24° 0	10°55	n.a.	S 20
S 21	14 46 30	11°21'47	26° 4	23°21	28°43	14°38	21°58	24°25	19°17	16° 2	27°15	22°D52	23°56	11° 2	n.a.	S 21
M22	14 50 27	12°18'51	8♌16	25° 2	29°56	15°19	21°54	24°21	19°15	16° 4	27°17	22°R52	23°53	11° 8	n.a.	M22
T 23	14 54 23	13°15'54	20°46	26°46	1♍10	16° 1	21°50	24°17	19°13	16° 6	27°18	22°52	23°50	11°15	n.a.	T 23
W24	14 58 20	14°12'57	3♍38	28°34	2°23	16°42	21°45	24°13	19°10	16° 9	27°19	22°51	23°47	11°22	n.a.	W24
T 25	15 2 16	15°10'00	16°58	0♎24	3°36	17°24	21°40	24° 9	19° 8	16°11	27°21	22°47	23°44	11°28	n.a.	T 25
F 26	15 6 13	16° 7'04	0♎47	2°17	4°50	18° 5	21°36	24° 6	19° 6	16°13	27°22	22°41	23°40	11°35	n.a.	F 26
S 27	15 10 10	17° 4'08	15° 5	4°13	6° 3	18°46	21°30	24° 2	19° 4	16°15	27°23	22°33	23°37	11°42	n.a.	S 27
S 28	15 14 6	18° 1'12	29°49	6°12	7°17	19°27	21°25	23°58	19° 2	16°18	27°25	22°24	23°34	11°48	n.a.	S 28
M29	15 18 3	18°58'16	14♏51	8°12	8°30	20° 8	21°20	23°54	19° 0	16°20	27°26	22°15	23°31	11°55	n.a.	M29
T 30	15 21 59	19°55'21	0♐ 2	10°15	9°44	20°49	21°14	23°50	18°58	16°22	27°27	22° 6	23°28	12° 2	n.a.	T 30
W31	15 25 56	20♉52'27	15♐12	12♉19	10♉57	21♓30	21♐ 9	23♎47	18♎56	16♉24	27♈29	22♑ 0	23♑25	12♊ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	8n52	18s29	4s55	2s 9	3s34	0n33	1s20	12s55	1s29	24s 7	0s23	8s 3	2n18	7s34	0n28	15n27	1s22	2n37	8s30	21s35	21s34	25n53			n.a.
T 2	9 14	22 44	4 30	2 2	3 35	1 3	1 18	12 39	1 29	24 7	0 23	8 1	2 18	7 33	0 28	15 28	1 22	2 38	8 30	21 37	21 35	25 54			n.a.
W 3	9 35	25 28	3 46	1 51	3 36	1 34	1 17	12 24	1 29	24 7	0 24	8 0	2 18	7 32	0 28	15 28	1 22	2 39	8 30	21 38	21 35	25 54			n.a.
T 4	9 57	26 24	2 48	1 38	3 35	2 5	1 15	12 8	1 29	24 7	0 24	7 58	2 18	7 31	0 28	15 29	1 22	2 39	8 30	21 39	21 36	25 55			n.a.
F 5	10 18	25 30	1 41	1 22	3 34	2 35	1 14	11 52	1 29	24 8	0 24	7 57	2 18	7 30	0 28	15 30	1 22	2 40	8 29	21 39	21 36	25 55			n.a.
S 6	10 39	22 59	0 28	1 4	3 31	3 6	1 12	11 36	1 29	24 8	0 24	7 55	2 18	7 29	0 28	15 30	1 22	2 40	8 29	21 39	21 37	25 56			n.a.
S 7	11 0	19 10	0n45	0 43	3 28	3 37	1 11	11 20	1 29	24 8	0 25	7 53	2 18	7 28	0 28	15 31	1 22	2 41	8 29	21 39	21 38	25 56			n.a.
M 8	11 20	14 25	1 53	0 19	3 24	4 7	1 9	11 4	1 29	24 8	0 25	7 52	2 18	7 28	0 28	15 31	1 22	2 41	8 29	21 40	21 38	25 57			n.a.
T 9	11 41	9 6	2 54	0n 6	3 19	4 38	1 7	10 48	1 29	24 8	0 25	7 50	2 18	7 27	0 28	15 32	1 22	2 42	8 29	21 40	21 39	25 57			n.a.
W10	12 1	3 29	3 45	0 34	3 14	5 8	1 5	10 32	1 30	24 8	0 25	7 49	2 18	7 26	0 28	15 33	1 22	2 42	8 29	21 41	21 39	25 58			n.a.
T 11	12 22	2n10	4 24	1 4	3 7	5 39	1 4	10 16	1 30	24 8	0 25	7 47	2 18	7 25	0 28	15 33	1 22	2 43	8 29	21 42	21 40	25 58			n.a.
F 12	12 42	7 39	4 49	1 37	3 0	6 9	1 2	10 0	1 30	24 8	0 26	7 46	2 18	7 24	0 28	15 34	1 22	2 43	8 29	21 44	21 41	25 58			n.a.
S 13	13 2	12 45	5 0	2 11	2 53	6 39	1 0	9 44	1 30	24 8	0 26	7 44	2 18	7 23	0 28	15 35	1 22	2 44	8 29	21 46	21 41	25 59			n.a.
S 14	13 21	17 17	4 57	2 47	2 44	7 9	0 58	9 28	1 30	24 8	0 26	7 43	2 17	7 22	0 28	15 35	1 22	2 44	8 29	21 49	21 42	25 59			n.a.
M15	13 41	21 3	4 40	3 25	2 36	7 39	0 56	9 11	1 30	24 9	0 26	7 41	2 17	7 21	0 28	15 36	1 22	2 45	8 29	21 51	21 42	26 0			n.a.
T 16	14 0	23 54	4 11	4 5	2 26	8 8	0 54	8 55	1 30	24 9	0 27	7 40	2 17	7 20	0 28	15 37	1 22	2 45	8 29	21 53	21 43	26 0			n.a.
W17	14 19	25 41	3 32	4 47	2 17	8 38	0 52	8 39	1 30	24 9	0 27	7 38	2 17	7 19	0 28	15 37	1 22	2 46	8 29	21 55	21 43	26 0			n.a.
T 18	14 38	26 17	2 43	5 30	2 6	9 7	0 50	8 22	1 30	24 9	0 27	7 37	2 17	7 19	0 28	15 38	1 22	2 47	8 29	21 56	21 44	26 1			n.a.
F 19	14 56	25 42	1 47	6 15	1 56	9 36	0 48	8 6	1 30	24 9	0 27	7 35	2 17	7 18	0 28	15 39	1 22	2 47	8 29	21 56	21 45	26 1			n.a.
S 20	15 15	23 56	0 47	7 1	1 45	10 5	0 46	7 49	1 30	24 9	0 28	7 34	2 17	7 17	0 28	15 39	1 22	2 48	8 29	21 57	21 45	26 1			n.a.
S 21	15 33	21 5	0s17	7 48	1 34	10 34	0 43	7 33	1 30	24 9	0 28	7 33	2 17	7 16	0 28	15 40	1 22	2 48	8 29	21 57	21 46	26 2			n.a.
M22	15 51	17 16	1 21	8 37	1 22	11 2	0 41	7 16	1 30	24 9	0 28	7 31	2 17	7 15	0 28	15 41	1 22	2 49	8 29	21 57	21 46	26 2			n.a.
T 23	16 8	12 37	2 23	9 26	1 11	11 30	0 39	7 0	1 30	24 8	0 28	7 30	2 16	7 14	0 28	15 41	1 22	2 49	8 29	21 57	21 47	26 2			n.a.
W24	16 26	7 17	3 19	10 16	0 59	11 58	0 37	6 43	1 29	24 8	0 28	7 28	2 16	7 14	0 28	15 42	1 22	2 49	8 29	21 57	21 47	26 3			n.a.
T 25	16 43	1 28	4 7	11 7	0 47	12 26	0 35	6 27	1 29	24 8	0 29	7 27	2 16	7 13	0 28	15 43	1 22	2 50	8 29	21 58	21 48	26 3			n.a.
F 26	17 0	4s37	4 42	11 58	0 35	12 53	0 32	6 10	1 29	24 8	0 29	7 26	2 16	7 12	0 28	15 43	1 22	2 50	8 29	21 59	21 48	26 3			n.a.
S 27	17 17	10 40	5 1	12 49	0 23	13 20	0 30	5 54	1 29	24 8	0 29	7 24	2 16	7 11	0 28	15 44	1 22	2 51	8 29	22 0	21 49	26 4			n.a.
S 28	17 33	16 18	5 1	13 40	0 12	13 47	0 28	5 37	1 29	24 8	0 29	7 23	2 16	7 10	0 28	15 45	1 22	2 51	8 29	22 2	21 50	26 4			n.a.
M29	17 49	21 5	4 41	14 31	0 1	14 14	0 25	5 21	1 29	24 8	0 30	7 22	2 16	7 10	0 28	15 45	1 22	2 52	8 29	22 3	21 50	26 4			n.a.
T 30	18 5	24 29	4 0	15 22	0n11	14 40	0 23	5 4	1 29	24 8	0 30	7 21	2 15	7 9	0 28	15 46	1 22	2 52	8 29	22 4	21 51	26 4			n.a.
W31	18n20	26s 7	3s 3	16n11	0n21	15n 6	0s21	4s48	1s29	24s 8	0s30	7s19	2n15	7s 8	0n28	15n47	1s22	2n53	8s29	22s 6	21s51	26n 5			n.a.

Julian Day Number = 973146.5, Delta T = 13h22m50s
Ecliptic obliquity = 23°55'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'55, Lahiri = -32°11'55 Julian Calendar 1 May 2049 BCE == Greg. Calendar 14 Apr. 2049 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

JUNE 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 29 52	21♉49'34	0♋11	14♉24	12♉11	22♓11	21°R 3	23°R43	18°R54	16♉26	27♈30	21°R56	23♋21	12♊15	n.a.	T 1
F 2	15 33 49	22°46'41	14°51	16°31	13°25	22°51	20♐57	23♎40	18♎52	16°29	27°31	21♋54	23°18	12°22	n.a.	F 2
S 3	15 37 46	23°43'49	29° 9	18°38	14°38	23°32	20°51	23°36	18°50	16°31	27°33	21°D54	23°15	12°29	n.a.	S 3
S 4	15 41 42	24°40'59	13♒ 3	20°46	15°52	24°13	20°45	23°33	18°49	16°33	27°34	21°55	23°12	12°35	n.a.	S 4
M 5	15 45 39	25°38'09	26°33	22°53	17° 6	24°53	20°39	23°29	18°47	16°35	27°35	21°R55	23° 9	12°42	n.a.	M 5
T 6	15 49 35	26°35'20	9♓42	25° 1	18°19	25°33	20°32	23°26	18°45	16°37	27°37	21°54	23° 6	12°49	n.a.	T 6
W 7	15 53 32	27°32'32	22°32	27° 8	19°33	26°13	20°26	23°23	18°43	16°40	27°38	21°52	23° 2	12°55	n.a.	W 7
T 8	15 57 28	28°29'46	5♈ 7	29°15	20°47	26°54	20°19	23°20	18°42	16°42	27°39	21°47	22°59	13° 2	n.a.	T 8
F 9	16 1 25	29°27'00	17°29	1♊21	22° 1	27°34	20°12	23°16	18°40	16°44	27°40	21°40	22°56	13° 9	n.a.	F 9
S 10	16 5 21	0♊24'16	29°41	3°26	23°14	28°14	20° 5	23°13	18°38	16°46	27°42	21°31	22°53	13°15	n.a.	S 10
S 11	16 9 18	1°21'32	11♉45	5°29	24°28	28°53	19°58	23°10	18°37	16°48	27°43	21°22	22°50	13°22	n.a.	S 11
M12	16 13 15	2°18'50	23°42	7°32	25°42	29°33	19°51	23° 7	18°35	16°51	27°44	21°12	22°46	13°29	n.a.	M12
T 13	16 17 11	3°16'09	5♊35	9°33	26°56	0♈13	19°44	23° 5	18°34	16°53	27°45	21° 4	22°43	13°35	n.a.	T 13
W14	16 21 8	4°13'29	17°24	11°33	28°10	0°52	19°37	23° 2	18°32	16°55	27°46	20°58	22°40	13°42	n.a.	W14
T 15	16 25 4	5°10'50	29°12	13°31	29°24	1°31	19°30	22°59	18°31	16°57	27°47	20°53	22°37	13°49	n.a.	T 15
F 16	16 29 1	6° 8'12	11♋ 1	15°28	0♊38	2°11	19°22	22°57	18°29	16°59	27°49	20°51	22°34	13°55	n.a.	F 16
S 17	16 32 57	7° 5'35	22°54	17°23	1°52	2°50	19°15	22°54	18°28	17° 1	27°50	20°D50	22°31	14° 2	n.a.	S 17
S 18	16 36 54	8° 2'59	4♌56	19°17	3° 6	3°29	19° 7	22°52	18°27	17° 3	27°51	20°51	22°27	14° 9	n.a.	S 18
M19	16 40 51	9° 0'24	17° 9	21° 9	4°20	4° 8	19° 0	22°49	18°25	17° 6	27°52	20°52	22°24	14°15	n.a.	M19
T 20	16 44 47	9°57'49	29°38	23° 0	5°34	4°47	18°52	22°47	18°24	17° 8	27°53	20°54	22°21	14°22	n.a.	T 20
W21	16 48 44	10°55'16	12♍28	24°49	6°48	5°25	18°45	22°45	18°23	17°10	27°54	20°R54	22°18	14°29	n.a.	W21
T 22	16 52 40	11°52'43	25°43	26°36	8° 2	6° 4	18°37	22°43	18°22	17°12	27°55	20°53	22°15	14°35	n.a.	T 22
F 23	16 56 37	12°50'12	9♎26	28°22	9°16	6°42	18°29	22°41	18°21	17°14	27°56	20°51	22°11	14°42	n.a.	F 23
S 24	17 0 33	13°47'42	23°37	0♋ 7	10°30	7°21	18°21	22°39	18°20	17°16	27°57	20°47	22° 8	14°49	n.a.	S 24
S 25	17 4 30	14°45'13	8♏14	1°50	11°44	7°59	18°14	22°37	18°19	17°18	27°58	20°42	22° 5	14°55	n.a.	S 25
M26	17 8 26	15°42'45	23°13	3°31	12°58	8°37	18° 6	22°35	18°18	17°20	27°59	20°37	22° 2	15° 2	n.a.	M26
T 27	17 12 23	16°40'18	8♐25	5°11	14°13	9°15	17°58	22°33	18°17	17°22	28° 0	20°32	21°59	15° 9	n.a.	T 27
W28	17 16 20	17°37'53	23°40	6°49	15°27	9°53	17°50	22°32	18°16	17°24	28° 1	20°29	21°56	15°15	n.a.	W28
T 29	17 20 16	18°35'30	8♋49	8°26	16°41	10°31	17°42	22°30	18°15	17°26	28° 2	20°27	21°52	15°22	n.a.	T 29
F 30	17 24 13	19♊33'08	23♋42	10♋ 1	17♊55	11♈ 8	17♐34	22♎29	18♎14	17♉28	28♈ 3	20°D27	21♋49	15♊29	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n36	25s49	1s53	16n59	0n32	15n31	0s18	4s31	1s29	24s 7	0s30	7s18	2n15	7s 7	0n28	15n47	1s22	2n53	8s29	22s 6	21s52	26n 5		n.a.
F 2	18 51	23 42	0 38	17 47	0 41	15 56	0 16	4 14	1 29	24 7	0 30	7 17	2 15	7 7	0 28	15 48	1 22	2 54	8 29	22 6	21 52	26 5		n.a.
S 3	19 5	20 7	0n39	18 32	0 51	16 21	0 14	3 58	1 28	24 7	0 31	7 16	2 15	7 6	0 28	15 49	1 22	2 54	8 29	22 6	21 53	26 5		n.a.
S 4	19 20	15 29	1 51	19 16	0 59	16 45	0 11	3 41	1 28	24 7	0 31	7 15	2 15	7 5	0 28	15 49	1 22	2 54	8 29	22 6	21 53	26 6		n.a.
M 5	19 34	10 11	2 55	19 58	1 8	17 9	0 9	3 25	1 28	24 7	0 31	7 14	2 14	7 5	0 28	15 50	1 22	2 55	8 29	22 6	21 54	26 6		n.a.
T 6	19 47	4 35	3 47	20 37	1 15	17 32	0 6	3 9	1 28	24 6	0 31	7 13	2 14	7 4	0 28	15 51	1 22	2 55	8 29	22 6	21 55	26 6		n.a.
W 7	20 1	1n 4	4 27	21 15	1 22	17 55	0 4	2 52	1 28	24 6	0 31	7 12	2 14	7 3	0 28	15 51	1 22	2 56	8 30	22 7	21 55	26 6		n.a.
T 8	20 14	6 33	4 54	21 50	1 28	18 17	0 2	2 36	1 28	24 6	0 32	7 11	2 14	7 3	0 28	15 52	1 22	2 56	8 30	22 8	21 56	26 7		n.a.
F 9	20 27	11 41	5 5	22 22	1 33	18 39	0n 1	2 19	1 27	24 5	0 32	7 10	2 14	7 2	0 28	15 52	1 22	2 56	8 30	22 9	21 56	26 7		n.a.
S 10	20 39	16 18	5 3	22 52	1 38	19 1	0 3	2 3	1 27	24 5	0 32	7 9	2 13	7 1	0 28	15 53	1 22	2 57	8 30	22 10	21 57	26 7		n.a.
S 11	20 51	20 13	4 47	23 20	1 42	19 22	0 6	1 47	1 27	24 5	0 32	7 8	2 13	7 1	0 28	15 54	1 22	2 57	8 30	22 12	21 57	26 7		n.a.
M12	21 3	23 15	4 19	23 45	1 45	19 42	0 8	1 30	1 27	24 4	0 33	7 7	2 13	7 0	0 28	15 54	1 22	2 58	8 30	22 13	21 58	26 7		n.a.
T 13	21 14	25 16	3 40	24 7	1 48	20 2	0 10	1 14	1 27	24 4	0 33	7 6	2 13	7 0	0 27	15 55	1 22	2 58	8 30	22 14	21 58	26 7		n.a.
W14	21 25	26 9	2 51	24 26	1 50	20 22	0 13	0 58	1 26	24 4	0 33	7 5	2 13	6 59	0 27	15 56	1 22	2 58	8 30	22 16	21 59	26 8		n.a.
T 15	21 36	25 50	1 54	24 44	1 51	20 41	0 15	0 42	1 26	24 3	0 33	7 4	2 12	6 59	0 27	15 56	1 22	2 59	8 30	22 16	21 59	26 8		n.a.
F 16	21 46	24 21	0 53	24 58	1 52	20 59	0 17	0 25	1 26	24 3	0 33	7 3	2 12	6 58	0 27	15 57	1 22	2 59	8 30	22 17	22 0	26 8		n.a.
S 17	21 56	21 45	0s11	25 10	1 52	21 17	0 20	0 9	1 26	24 2	0 34	7 3	2 12	6 58	0 27	15 57	1 22	2 59	8 30	22 17	22 0	26 8		n.a.
S 18	22 6	18 12	1 16	25 20	1 51	21 34	0 22	0n 7	1 25	24 2	0 34	7 2	2 12	6 57	0 27	15 58	1 22	3 0	8 30	22 17	22 1	26 8		n.a.
M19	22 15	13 50	2 18	25 28	1 50	21 50	0 24	0 23	1 25	24 2	0 34	7 1	2 11	6 57	0 27	15 59	1 22	3 0	8 30	22 16	22 1	26 8		n.a.
T 20	22 24	8 48	3 15	25 33	1 49	22 6	0 26	0 39	1 25	24 1	0 34	7 1	2 11	6 56	0 27	15 59	1 22	3 0	8 30	22 16	22 2	26 9		n.a.
W21	22 32	3 16	4 4	25 36	1 47	22 22	0 29	0 55	1 24	24 1	0 34	7 0	2 11	6 56	0 27	16 0	1 22	3 1	8 30	22 16	22 3	26 9		n.a.
T 22	22 40	2s34	4 42	25 37	1 44	22 36	0 31	1 10	1 24	24 0	0 34	6 59	2 11	6 55	0 27	16 0	1 22	3 1	8 31	22 16	22 3	26 9		n.a.
F 23	22 48	8 28	5 5	25 36	1 41	22 50	0 33	1 26	1 24	24 0	0 35	6 59	2 11	6 55	0 27	16 1	1 22	3 1	8 31	22 17	22 4	26 9		n.a.
S 24	22 55	14 9	5 11	25 33	1 37	23 4	0 35	1 42	1 24	23 59	0 35	6 58	2 10	6 55	0 27	16 2	1 22	3 2	8 31	22 17	22 4	26 9		n.a.
S 25	23 2	19 12	4 57	25 28	1 33	23 16	0 37	1 58	1 23	23 59	0 35	6 58	2 10	6 54	0 27	16 2	1 22	3 2	8 31	22 18	22 5	26 9		n.a.
M26	23 9	23 11	4 23	25 22	1 29	23 28	0 39	2 13	1 23	23 58	0 35	6 57	2 10	6 54	0 27	16 3	1 22	3 2	8 31	22 19	22 5	26 9		n.a.
T 27	23 15	25 36	3 30	25 14	1 24	23 40	0 42	2 29	1 23	23 58	0 35	6 57	2 10	6 54	0 27	16 3	1 22	3 2	8 31	22 19	22 6	26 9		n.a.
W28	23 20	26 8	2 21	25 4	1 19	23 50	0 44	2 44	1 22	23 57	0 35	6 57	2 9	6 53	0 27	16 4	1 22	3 3	8 31	22 20	22 6	26 9		n.a.
T 29	23 26	24 41	1 3	24 53	1 13	24 0	0 46	3 0	1 22	23 56	0 36	6 56	2 9	6 53	0 27	16 4	1 22	3 3	8 31	22 20	22 7	26 9		n.a.
F 30	23n31	21s31	0n18	24n40	1n 8	24n 9	0n48	3n15	1s21	23s56	0s36	6s56	2n 9	6s53	0n27	16n 5	1s22	3n 3	8s31	22s20	22s 7	26n 9		n.a.

Julian Day Number = 973177.5, Delta T = 13h22m48s
Ecliptic obliquity = 23°55'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'51, Lahiri = -32°11'50 Julian Calendar 1 June 2049 BCE == Greg. Calendar 15 May 2049 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

JULY 2049 BCE (-2048) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 28 9	20♊30'47	8♒12	11♋35	19♊10	11♈46	17°R27	22°R27	18°R14	17♉30	28♈ 4	20♑27	21♑46	15♊36	n.a.	S 1
S 2	17 32 6	21°28'29	22°16	13° 7	20°24	12°23	17♐19	22♎26	18♎13	17°32	28° 5	20°29	21°43	15°42	n.a.	S 2
M 3	17 36 2	22°26'12	5♓54	14°37	21°38	13° 1	17°11	22°25	18°12	17°34	28° 6	20°30	21°40	15°49	n.a.	M 3
T 4	17 39 59	23°23'57	19° 7	16° 7	22°53	13°38	17° 3	22°24	18°12	17°36	28° 7	20°R31	21°37	15°56	n.a.	T 4
W 5	17 43 55	24°21'44	1♈57	17°34	24° 7	14°15	16°56	22°23	18°11	17°37	28° 8	20°31	21°33	16° 2	n.a.	W 5
T 6	17 47 52	25°19'33	14°29	19° 0	25°21	14°52	16°48	22°22	18°11	17°39	28° 9	20°30	21°30	16° 9	n.a.	T 6
F 7	17 51 49	26°17'23	26°45	20°25	26°36	15°28	16°40	22°21	18°10	17°41	28°10	20°27	21°27	16°16	n.a.	F 7
S 8	17 55 45	27°15'16	8♉50	21°48	27°50	16° 5	16°33	22°21	18°10	17°43	28°10	20°24	21°24	16°22	n.a.	S 8
S 9	17 59 42	28°13'11	20°46	23° 9	29° 5	16°41	16°25	22°20	18°10	17°45	28°11	20°20	21°21	16°29	n.a.	S 9
M10	18 3 38	29°11'08	2♊38	24°29	0♋19	17°18	16°18	22°19	18° 9	17°46	28°12	20°17	21°17	16°36	n.a.	M10
T 11	18 7 35	0♋ 9'06	14°27	25°47	1°34	17°54	16°10	22°19	18° 9	17°48	28°13	20°14	21°14	16°42	n.a.	T 11
W12	18 11 31	1° 7'07	26°16	27° 3	2°48	18°30	16° 3	22°19	18° 9	17°50	28°14	20°11	21°11	16°49	n.a.	W12
T 13	18 15 28	2° 5'09	8♋ 6	28°17	4° 3	19° 6	15°56	22°19	18° 9	17°52	28°14	20°10	21° 8	16°56	n.a.	T 13
F 14	18 19 24	3° 3'13	20° 1	29°29	5°17	19°41	15°48	22°18	18° 9	17°53	28°15	20°D 9	21° 5	17° 2	n.a.	F 14
S 15	18 23 21	4° 1'19	2♌ 2	0♌40	6°32	20°17	15°41	22°D18	18°D 9	17°55	28°16	20°10	21° 2	17° 9	n.a.	S 15
S 16	18 27 18	4°59'26	14°12	1°48	7°46	20°52	15°34	22°18	18° 9	17°57	28°16	20°11	20°58	17°16	n.a.	S 16
M17	18 31 14	5°57'36	26°33	2°54	9° 1	21°28	15°28	22°19	18° 9	17°58	28°17	20°12	20°55	17°22	n.a.	M17
T 18	18 35 11	6°55'46	9♍ 8	3°58	10°16	22° 3	15°21	22°19	18° 9	18° 0	28°18	20°13	20°52	17°29	n.a.	T 18
W19	18 39 7	7°53'59	22° 1	4°59	11°30	22°38	15°14	22°19	18° 9	18° 2	28°18	20°14	20°49	17°36	n.a.	W19
T 20	18 43 4	8°52'13	5♎14	5°58	12°45	23°12	15° 7	22°20	18°10	18° 3	28°19	20°R15	20°46	17°42	n.a.	T 20
F 21	18 47 0	9°50'29	18°50	6°54	14° 0	23°47	15° 1	22°20	18°10	18° 5	28°19	20°14	20°43	17°49	n.a.	F 21
S 22	18 50 57	10°48'47	2♏50	7°48	15°14	24°21	14°55	22°21	18°10	18° 6	28°20	20°14	20°39	17°56	n.a.	S 22
S 23	18 54 53	11°47'06	17°12	8°38	16°29	24°55	14°49	22°22	18°11	18° 8	28°21	20°13	20°36	18° 2	n.a.	S 23
M24	18 58 50	12°45'27	1♐55	9°25	17°44	25°30	14°42	22°23	18°11	18° 9	28°21	20°12	20°33	18° 9	n.a.	M24
T 25	19 2 47	13°43'50	16°52	10° 8	18°58	26° 3	14°37	22°24	18°12	18°11	28°22	20°11	20°30	18°16	n.a.	T 25
W26	19 6 43	14°42'15	1♑57	10°48	20°13	26°37	14°31	22°25	18°12	18°12	28°22	20°11	20°27	18°22	n.a.	W26
T 27	19 10 40	15°40'42	17° 0	11°23	21°28	27°11	14°25	22°26	18°13	18°13	28°22	20°D11	20°23	18°29	n.a.	T 27
F 28	19 14 36	16°39'11	1♒54	11°55	22°43	27°44	14°20	22°27	18°13	18°15	28°23	20°11	20°20	18°36	n.a.	F 28
S 29	19 18 33	17°37'42	16°29	12°21	23°58	28°17	14°14	22°28	18°14	18°16	28°23	20°11	20°17	18°42	n.a.	S 29
S 30	19 22 29	18°36'15	0♓41	12°43	25°12	28°50	14° 9	22°30	18°15	18°17	28°24	20°11	20°14	18°49	n.a.	S 30
M31	19 26 26	19♋34'51	14♓27	12♌59	26♋27	29♈23	14♐ 4	22♎31	18♎16	18♉19	28♈24	20♑11	20♑11	18♊56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n35	17s 3	1n36	24n26	1n 1	24n18	0n49	3n30	1s21	23s55	0s36	6s56	2n 9	6s53	0n27	16n 5	1s22	3n 3	8s31	22s20	22s 8	26n 9		n.a.
S 2	23 39	11 46	2 46	24 11	0 55	24 26	0 51	3 45	1 21	23 55	0 36	6 55	2 8	6 52	0 27	16 6	1 22	3 4	8 31	22 20	22 8	26 9		n.a.
M 3	23 43	6 4	3 44	23 54	0 48	24 33	0 53	4 1	1 20	23 54	0 36	6 55	2 8	6 52	0 27	16 6	1 22	3 4	8 32	22 20	22 9	26 9		n.a.
T 4	23 46	0 17	4 28	23 37	0 41	24 39	0 55	4 16	1 20	23 53	0 36	6 55	2 8	6 52	0 27	16 7	1 22	3 4	8 32	22 20	22 9	26 9		n.a.
W 5	23 48	5n20	4 58	23 18	0 33	24 45	0 57	4 31	1 20	23 53	0 37	6 55	2 8	6 52	0 27	16 7	1 22	3 4	8 32	22 20	22 10	26 9		n.a.
T 6	23 51	10 36	5 12	22 58	0 26	24 49	0 59	4 46	1 19	23 52	0 37	6 55	2 7	6 52	0 27	16 8	1 22	3 4	8 32	22 20	22 10	26 9		n.a.
F 7	23 53	15 21	5 12	22 38	0 18	24 53	1 0	5 0	1 19	23 51	0 37	6 55	2 7	6 51	0 27	16 9	1 22	3 5	8 32	22 20	22 11	26 9		n.a.
S 8	23 54	19 25	4 58	22 17	0 9	24 57	1 2	5 15	1 18	23 51	0 37	6 55	2 7	6 51	0 27	16 9	1 22	3 5	8 32	22 21	22 11	26 9		n.a.
S 9	23 55	22 40	4 31	21 55	0 1	24 59	1 3	5 30	1 18	23 50	0 37	6 55	2 7	6 51	0 27	16 10	1 22	3 5	8 32	22 21	22 12	26 9		n.a.
M10	23 56	24 55	3 53	21 32	0s 8	25 1	1 5	5 44	1 17	23 50	0 37	6 55	2 6	6 51	0 27	16 10	1 22	3 5	8 32	22 22	22 12	26 9		n.a.
T 11	23 56	26 3	3 5	21 9	0 16	25 2	1 6	5 59	1 17	23 49	0 37	6 55	2 6	6 51	0 27	16 10	1 22	3 5	8 33	22 22	22 13	26 9		n.a.
W12	23 55	26 1	2 8	20 46	0 25	25 2	1 8	6 13	1 16	23 48	0 38	6 55	2 6	6 51	0 27	16 11	1 22	3 5	8 33	22 23	22 13	26 9		n.a.
T 13	23 55	24 47	1 6	20 22	0 35	25 1	1 9	6 27	1 16	23 48	0 38	6 55	2 6	6 51	0 27	16 11	1 22	3 6	8 33	22 23	22 14	26 9		n.a.
F 14	23 54	22 25	0 1	19 58	0 44	25 0	1 11	6 42	1 15	23 47	0 38	6 55	2 5	6 51	0 27	16 12	1 22	3 6	8 33	22 23	22 14	26 9		n.a.
S 15	23 52	19 3	1s 5	19 33	0 53	24 58	1 12	6 56	1 15	23 46	0 38	6 55	2 5	6 51	0 27	16 12	1 22	3 6	8 33	22 23	22 15	26 9		n.a.
S 16	23 50	14 51	2 9	19 9	1 3	24 55	1 13	7 10	1 14	23 46	0 38	6 56	2 5	6 51	0 27	16 13	1 22	3 6	8 33	22 23	22 15	26 9		n.a.
M17	23 48	9 59	3 8	18 44	1 13	24 51	1 14	7 24	1 14	23 45	0 38	6 56	2 5	6 51	0 26	16 13	1 22	3 6	8 33	22 23	22 16	26 9		n.a.
T 18	23 45	4 37	3 59	18 20	1 22	24 47	1 15	7 38	1 13	23 44	0 38	6 56	2 4	6 51	0 26	16 14	1 22	3 6	8 33	22 22	22 16	26 9		n.a.
W19	23 41	1s 2	4 40	17 55	1 32	24 41	1 16	7 51	1 13	23 44	0 38	6 57	2 4	6 51	0 26	16 14	1 22	3 6	8 34	22 22	22 17	26 9		n.a.
T 20	23 38	6 47	5 6	17 31	1 42	24 35	1 17	8 5	1 12	23 43	0 38	6 57	2 4	6 51	0 26	16 14	1 22	3 6	8 34	22 22	22 17	26 9		n.a.
F 21	23 33	12 23	5 17	17 7	1 52	24 29	1 18	8 18	1 12	23 42	0 39	6 58	2 4	6 52	0 26	16 15	1 22	3 6	8 34	22 22	22 18	26 9		n.a.
S 22	23 29	17 32	5 10	16 44	2 2	24 21	1 19	8 32	1 11	23 42	0 39	6 58	2 3	6 52	0 26	16 15	1 22	3 6	8 34	22 22	22 18	26 9		n.a.
S 23	23 24	21 49	4 43	16 21	2 12	24 13	1 20	8 45	1 11	23 41	0 39	6 59	2 3	6 52	0 26	16 16	1 23	3 7	8 34	22 22	22 19	26 9		n.a.
M24	23 18	24 50	3 57	16 0	2 21	24 4	1 21	8 58	1 10	23 41	0 39	6 59	2 3	6 52	0 26	16 16	1 23	3 7	8 34	22 22	22 19	26 8		n.a.
T 25	23 12	26 10	2 55	15 38	2 31	23 54	1 22	9 11	1 9	23 40	0 39	7 0	2 3	6 52	0 26	16 16	1 23	3 7	8 34	22 23	22 20	26 8		n.a.
W26	23 6	25 34	1 40	15 18	2 41	23 44	1 22	9 24	1 9	23 39	0 39	7 0	2 2	6 53	0 26	16 17	1 23	3 7	8 34	22 23	22 20	26 8		n.a.
T 27	22 59	23 7	0 18	15 0	2 50	23 32	1 23	9 37	1 8	23 39	0 39	7 1	2 2	6 53	0 26	16 17	1 23	3 7	8 35	22 23	22 21	26 8		n.a.
F 28	22 52	19 6	1n 5	14 42	2 59	23 20	1 23	9 50	1 8	23 38	0 39	7 2	2 2	6 53	0 26	16 18	1 23	3 7	8 35	22 23	22 21	26 8		n.a.
S 29	22 44	13 59	2 21	14 26	3 8	23 8	1 24	10 3	1 7	23 38	0 39	7 3	2 2	6 53	0 26	16 18	1 23	3 7	8 35	22 23	22 22	26 8		n.a.
S 30	22 36	8 14	3 27	14 12	3 16	22 55	1 24	10 15	1 6	23 37	0 39	7 3	2 1	6 54	0 26	16 18	1 23	3 7	8 35	22 23	22 22	26 8		n.a.
M31	22n28	2s17	4n18	14n 0	3s24	22n41	1n24	10n28	1s 6	23s37	0s39	7s 4	2n 1	6s54	0n26	16n19	1s23	3n 7	8s35	22s23	22s23	26n 7		n.a.

Julian Day Number = 973207.5, Delta T = 13h22m46s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'47, Lahiri = -32°11'46 Julian Calendar 1 July 2049 BCE == Greg. Calendar 14 June 2049 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

AUGUST 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 30 22	20♋33'29	27♓47	13♌10	27♋42	29♈55	13°R59	22♎33	18♎16	18♑20	28♈24	20°R11	20♑ 8	19♊ 2	n.a.	T 1
W 2	19 34 19	21°32'09	10♈42	13°R15	28°57	0♉28	13♐54	22°35	18°17	18°21	28°25	20♑11	20° 4	19° 9	n.a.	W 2
T 3	19 38 15	22°30'51	23°15	13°14	0♌12	1° 0	13°50	22°36	18°18	18°22	28°25	20°D11	20° 1	19°16	n.a.	T 3
F 4	19 42 12	23°29'37	5♉31	13° 5	1°26	1°32	13°45	22°38	18°19	18°23	28°25	20°11	19°58	19°22	n.a.	F 4
S 5	19 46 9	24°28'24	17°34	12°50	2°41	2° 4	13°41	22°40	18°20	18°25	28°25	20°12	19°55	19°29	n.a.	S 5
S 6	19 50 5	25°27'14	29°27	12°28	3°56	2°35	13°37	22°42	18°21	18°26	28°26	20°12	19°52	19°36	n.a.	S 6
M 7	19 54 2	26°26'07	11♊17	11°59	5°11	3° 7	13°33	22°44	18°23	18°27	28°26	20°13	19°49	19°42	n.a.	M 7
T 8	19 57 58	27°25'02	23° 5	11°23	6°26	3°38	13°29	22°47	18°24	18°28	28°26	20°13	19°45	19°49	n.a.	T 8
W 9	20 1 55	28°23'59	4♋56	10°40	7°41	4° 9	13°26	22°49	18°25	18°29	28°26	20°14	19°42	19°56	n.a.	W 9
T 10	20 5 51	29°22'58	16°53	9°50	8°56	4°39	13°23	22°52	18°26	18°30	28°26	20°R14	19°39	20° 2	n.a.	T 10
F 11	20 9 48	0♌22'00	28°57	8°54	10°11	5°10	13°19	22°54	18°28	18°31	28°27	20°14	19°36	20° 9	n.a.	F 11
S 12	20 13 44	1°21'04	11♌11	7°54	11°26	5°40	13°16	22°57	18°29	18°32	28°27	20°14	19°33	20°16	n.a.	S 12
S 13	20 17 41	2°20'10	23°36	6°49	12°41	6°10	13°14	22°59	18°31	18°33	28°27	20°12	19°29	20°22	n.a.	S 13
M14	20 21 38	3°19'18	6♍13	5°42	13°56	6°39	13°11	23° 2	18°32	18°33	28°27	20°11	19°26	20°29	n.a.	M14
T 15	20 25 34	4°18'29	19° 3	4°34	15°11	7° 9	13° 9	23° 5	18°34	18°34	28°27	20° 9	19°23	20°36	n.a.	T 15
W16	20 29 31	5°17'41	2♎ 8	3°27	16°25	7°38	13° 6	23° 8	18°35	18°35	28°R27	20° 7	19°20	20°42	n.a.	W16
T 17	20 33 27	6°16'55	15°28	2°22	17°40	8° 7	13° 4	23°11	18°37	18°36	28°27	20° 5	19°17	20°49	n.a.	T 17
F 18	20 37 24	7°16'11	29° 4	1°22	18°55	8°35	13° 3	23°14	18°39	18°37	28°27	20° 4	19°14	20°56	n.a.	F 18
S 19	20 41 20	8°15'29	12♏56	0°28	20°10	9° 3	13° 1	23°18	18°40	18°37	28°27	20°D 4	19°10	21° 2	n.a.	S 19
S 20	20 45 17	9°14'49	27° 4	29♋42	21°25	9°31	13° 0	23°21	18°42	18°38	28°27	20° 5	19° 7	21° 9	n.a.	S 20
M21	20 49 13	10°14'11	11♐26	29° 4	22°40	9°59	12°58	23°24	18°44	18°39	28°26	20° 6	19° 4	21°16	n.a.	M21
T 22	20 53 10	11°13'36	26° 0	28°36	23°55	10°27	12°57	23°28	18°46	18°39	28°26	20° 7	19° 1	21°22	n.a.	T 22
W23	20 57 6	12°13'02	10♑42	28°18	25°10	10°54	12°57	23°31	18°48	18°40	28°26	20° 8	18°58	21°29	n.a.	W23
T 24	21 1 3	13°12'30	25°25	28°D11	26°25	11°21	12°56	23°35	18°50	18°40	28°26	20°R 9	18°55	21°36	n.a.	T 24
F 25	21 5 0	14°12'00	10♒ 3	28°14	27°40	11°47	12°56	23°39	18°52	18°41	28°26	20° 7	18°51	21°42	n.a.	F 25
S 26	21 8 56	15°11'32	24°30	28°29	28°55	12°13	12°55	23°43	18°54	18°41	28°26	20° 5	18°48	21°49	n.a.	S 26
S 27	21 12 53	16°11'06	8♓39	28°53	0♍10	12°39	12°D55	23°47	18°56	18°42	28°25	20° 2	18°45	21°56	n.a.	S 27
M28	21 16 49	17°10'43	22°27	29°28	1°25	13° 5	12°55	23°51	18°58	18°42	28°25	19°58	18°42	22° 2	n.a.	M28
T 29	21 20 46	18°10'22	5♈50	0♌11	2°40	13°30	12°56	23°55	19° 0	18°43	28°25	19°53	18°39	22° 9	n.a.	T 29
W30	21 24 42	19°10'04	18°49	1° 3	3°55	13°55	12°56	23°59	19° 3	18°43	28°25	19°50	18°35	22°16	n.a.	W30
T 31	21 28 39	20♌ 9'48	1♉26	2♌ 2	5♍10	14♉20	12♐57	24♎ 3	19♎ 5	18♑43	28♈24	19♑47	18♑32	22♊22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	22n19	3n35	4n54	13n50	3s32	22n26	1n25	10n40	1s 5	23s36	0s39	7s 5	2n 1	6s54	0n26	16n19	1s23	3n 7	8s35	22s23	22s23	26n 7			n.a.
W 2	22 10	9 6	5 13	13 42	3 39	22 10	1 25	10 52	1 4	23 35	0 40	7 6	2 1	6 55	0 26	16 19	1 23	3 7	8 35	22 23	22 24	26 7			n.a.
T 3	22 0	14 6	5 17	13 36	3 45	21 54	1 25	11 4	1 3	23 35	0 40	7 7	2 0	6 55	0 26	16 19	1 23	3 7	8 36	22 23	22 24	26 7			n.a.
F 4	21 50	18 26	5 6	13 34	3 50	21 38	1 25	11 16	1 3	23 34	0 40	7 8	2 0	6 56	0 26	16 20	1 23	3 7	8 36	22 23	22 25	26 7			n.a.
S 5	21 40	21 55	4 42	13 34	3 54	21 20	1 25	11 28	1 2	23 34	0 40	7 9	2 0	6 56	0 26	16 20	1 23	3 7	8 36	22 23	22 25	26 6			n.a.
S 6	21 29	24 27	4 6	13 38	3 56	21 2	1 25	11 40	1 1	23 34	0 40	7 10	2 0	6 57	0 26	16 20	1 23	3 7	8 36	22 23	22 26	26 6			n.a.
M 7	21 18	25 53	3 20	13 45	3 58	20 44	1 25	11 51	1 1	23 33	0 40	7 11	1 59	6 57	0 26	16 21	1 23	3 6	8 36	22 22	22 26	26 6			n.a.
T 8	21 6	26 10	2 25	13 55	3 58	20 25	1 25	12 3	1 0	23 33	0 40	7 12	1 59	6 58	0 26	16 21	1 23	3 6	8 36	22 22	22 27	26 6			n.a.
W 9	20 54	25 14	1 24	14 8	3 56	20 5	1 24	12 14	0 59	23 32	0 40	7 13	1 59	6 58	0 26	16 21	1 23	3 6	8 37	22 22	22 27	26 5			n.a.
T 10	20 42	23 9	0 19	14 25	3 52	19 45	1 24	12 25	0 58	23 32	0 40	7 14	1 59	6 59	0 26	16 21	1 23	3 6	8 37	22 22	22 27	26 5			n.a.
F 11	20 29	20 0	0s48	14 45	3 47	19 24	1 24	12 36	0 57	23 32	0 40	7 15	1 58	6 59	0 26	16 22	1 23	3 6	8 37	22 22	22 28	26 5			n.a.
S 12	20 16	15 57	1 54	15 9	3 39	19 2	1 23	12 47	0 57	23 31	0 40	7 16	1 58	7 0	0 26	16 22	1 23	3 6	8 37	22 22	22 28	26 5			n.a.
S 13	20 3	11 11	2 54	15 34	3 30	18 40	1 23	12 58	0 56	23 31	0 40	7 18	1 58	7 0	0 26	16 22	1 23	3 6	8 37	22 22	22 29	26 4			n.a.
M14	19 49	5 54	3 48	16 2	3 18	18 18	1 22	13 9	0 55	23 31	0 40	7 19	1 58	7 1	0 26	16 22	1 23	3 6	8 37	22 23	22 29	26 4			n.a.
T 15	19 34	0 17	4 31	16 32	3 4	17 55	1 22	13 20	0 54	23 30	0 40	7 20	1 57	7 2	0 26	16 22	1 23	3 6	8 37	22 23	22 30	26 4			n.a.
W16	19 20	5s27	5 1	17 3	2 49	17 31	1 21	13 30	0 53	23 30	0 40	7 22	1 57	7 2	0 26	16 23	1 23	3 6	8 38	22 23	22 30	26 4			n.a.
T 17	19 5	11 2	5 15	17 34	2 32	17 7	1 20	13 40	0 52	23 30	0 40	7 23	1 57	7 3	0 26	16 23	1 23	3 5	8 38	22 24	22 31	26 3			n.a.
F 18	18 50	16 12	5 12	18 5	2 14	16 43	1 19	13 51	0 52	23 30	0 40	7 24	1 57	7 4	0 25	16 23	1 23	3 5	8 38	22 24	22 31	26 3			n.a.
S 19	18 34	20 39	4 51	18 36	1 55	16 18	1 18	14 1	0 51	23 30	0 40	7 26	1 57	7 4	0 25	16 23	1 23	3 5	8 38	22 24	22 32	26 3			n.a.
S 20	18 18	24 0	4 13	19 5	1 35	15 52	1 17	14 11	0 50	23 29	0 40	7 27	1 56	7 5	0 25	16 23	1 23	3 5	8 38	22 24	22 32	26 2			n.a.
M21	18 2	25 52	3 18	19 32	1 15	15 26	1 16	14 20	0 49	23 29	0 40	7 29	1 56	7 6	0 25	16 23	1 23	3 5	8 38	22 23	22 33	26 2			n.a.
T 22	17 46	26 1	2 9	19 57	0 56	15 0	1 15	14 30	0 48	23 29	0 40	7 30	1 56	7 6	0 25	16 24	1 23	3 5	8 38	22 23	22 33	26 2			n.a.
W23	17 29	24 21	0 52	20 20	0 36	14 33	1 14	14 40	0 47	23 29	0 40	7 32	1 56	7 7	0 25	16 24	1 24	3 4	8 39	22 23	22 33	26 1			n.a.
T 24	17 12	21 1	0n29	20 40	0 18	14 6	1 13	14 49	0 46	23 29	0 40	7 33	1 55	7 8	0 25	16 24	1 24	3 4	8 39	22 23	22 34	26 1			n.a.
F 25	16 54	16 22	1 47	20 56	0 0	13 39	1 12	14 58	0 45	23 29	0 40	7 35	1 55	7 9	0 25	16 24	1 24	3 4	8 39	22 23	22 34	26 1			n.a.
S 26	16 37	10 50	2 58	21 9	0n16	13 11	1 10	15 7	0 44	23 29	0 40	7 37	1 55	7 10	0 25	16 24	1 24	3 4	8 39	22 24	22 35	26 0			n.a.
S 27	16 19	4 51	3 56	21 19	0 32	12 43	1 9	15 16	0 43	23 29	0 41	7 38	1 55	7 10	0 25	16 24	1 24	3 4	8 39	22 24	22 35	26 0			n.a.
M28	16 0	1n11	4 38	21 26	0 46	12 14	1 7	15 25	0 42	23 29	0 41	7 40	1 55	7 11	0 25	16 24	1 24	3 3	8 39	22 25	22 36	26 0			n.a.
T 29	15 42	7 0	5 4	21 29	0 59	11 45	1 6	15 34	0 41	23 29	0 41	7 42	1 54	7 12	0 25	16 24	1 24	3 3	8 39	22 25	22 36	25 59			n.a.
W30	15 23	12 20	5 13	21 29	1 10	11 16	1 4	15 43	0 40	23 29	0 41	7 43	1 54	7 13	0 25	16 24	1 24	3 3	8 40	22 26	22 37	25 59			n.a.
T 31	15n 4	16n59	5n 7	21n25	1n21	10n47	1n 3	15n51	0s39	23s29	0s41	7s45	1n54	7s14	0n25	16n24	1s24	3n 3	8s40	22s26	22s37	25n59			n.a.

Julian Day Number = 973238.5, Delta T = 13h22m44s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'43, Lahiri = -32°11'42 Julian Calendar 1 Aug. 2049 BCE == Greg. Calendar 15 July 2049 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

SEPTEMBER 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 32 35	21♌ 9'34	13♉44	3♌ 8	6♍25	14♉44	12♐58	24♎ 7	19♎ 7	18♉43	28°R24	19°R45	18♏29	22♊29	n.a.	F 1
S 2	21 36 32	22° 9'23	25°47	4°19	7°40	15° 8	12°59	24°12	19° 9	18°44	28♈24	19°D45	18°26	22°36	n.a.	S 2
S 3	21 40 28	23° 9'14	7♊41	5°36	8°55	15°31	13° 1	24°16	19°12	18°44	28°23	19♏46	18°23	22°42	n.a.	S 3
M 4	21 44 25	24° 9'08	19°29	6°58	10°10	15°54	13° 2	24°20	19°14	18°44	28°23	19°47	18°20	22°49	n.a.	M 4
T 5	21 48 22	25° 9'04	1♋18	8°23	11°25	16°17	13° 4	24°25	19°17	18°44	28°22	19°49	18°16	22°56	n.a.	T 5
W 6	21 52 18	26° 9'03	13°12	9°51	12°40	16°40	13° 6	24°30	19°19	18°44	28°22	19°50	18°13	23° 2	n.a.	W 6
T 7	21 56 15	27° 9'03	25°15	11°22	13°55	17° 1	13° 8	24°34	19°22	18°44	28°21	19°R51	18°10	23° 9	n.a.	T 7
F 8	22 0 11	28° 9'06	7♌29	12°55	15° 9	17°23	13°11	24°39	19°24	18°R44	28°21	19°49	18° 7	23°16	n.a.	F 8
S 9	22 4 8	29° 9'11	19°58	14°30	16°24	17°44	13°13	24°44	19°27	18°44	28°20	19°45	18° 4	23°22	n.a.	S 9
S 10	22 8 4	0♍ 9'18	2♍42	16° 7	17°39	18° 5	13°16	24°49	19°30	18°44	28°20	19°40	18° 1	23°29	n.a.	S 10
M11	22 12 1	1° 9'27	15°41	17°44	18°54	18°25	13°19	24°54	19°32	18°44	28°19	19°33	17°57	23°35	n.a.	M11
T 12	22 15 57	2° 9'39	28°55	19°23	20° 9	18°45	13°22	24°59	19°35	18°44	28°19	19°26	17°54	23°42	n.a.	T 12
W13	22 19 54	3° 9'51	12♎21	21° 2	21°24	19° 4	13°25	25° 4	19°38	18°44	28°18	19°18	17°51	23°49	n.a.	W13
T 14	22 23 50	4°10'06	25°59	22°41	22°39	19°23	13°29	25° 9	19°41	18°44	28°17	19°12	17°48	23°55	n.a.	T 14
F 15	22 27 47	5°10'23	9♏47	24°21	23°54	19°41	13°32	25°15	19°44	18°44	28°17	19° 7	17°45	24° 2	n.a.	F 15
S 16	22 31 44	6°10'41	23°43	26° 1	25° 9	19°59	13°36	25°20	19°47	18°43	28°16	19° 4	17°41	24° 9	n.a.	S 16
S 17	22 35 40	7°11'01	7♐45	27°41	26°24	20°16	13°40	25°25	19°49	18°43	28°16	19°D 3	17°38	24°15	n.a.	S 17
M18	22 39 37	8°11'23	21°53	29°20	27°39	20°33	13°45	25°31	19°52	18°43	28°15	19° 4	17°35	24°22	n.a.	M18
T 19	22 43 33	9°11'46	6♑ 6	1♏ 0	28°53	20°49	13°49	25°36	19°55	18°42	28°14	19° 5	17°32	24°29	n.a.	T 19
W20	22 47 30	10°12'11	20°21	2°40	0♎ 8	21° 5	13°54	25°42	19°58	18°42	28°13	19°R 6	17°29	24°35	n.a.	W20
T 21	22 51 26	11°12'37	4♒37	4°19	1°23	21°20	13°59	25°47	20° 1	18°42	28°13	19° 5	17°26	24°42	n.a.	T 21
F 22	22 55 23	12°13'05	18°49	5°58	2°38	21°35	14° 4	25°53	20° 4	18°41	28°12	19° 1	17°22	24°49	n.a.	F 22
S 23	22 59 19	13°13'35	2♓54	7°37	3°53	21°49	14° 9	25°59	20° 8	18°41	28°11	18°55	17°19	24°55	n.a.	S 23
S 24	23 3 16	14°14'06	16°47	9°15	5° 8	22° 3	14°14	26° 4	20°11	18°40	28°10	18°47	17°16	25° 2	n.a.	S 24
M25	23 7 12	15°14'39	0♈24	10°53	6°22	22°15	14°20	26°10	20°14	18°40	28°10	18°37	17°13	25° 9	n.a.	M25
T 26	23 11 9	16°15'14	13°42	12°31	7°37	22°28	14°25	26°16	20°17	18°39	28° 9	18°27	17°10	25°15	n.a.	T 26
W27	23 15 6	17°15'51	26°39	14° 8	8°52	22°40	14°31	26°22	20°20	18°38	28° 8	18°17	17° 6	25°22	n.a.	W27
T 28	23 19 2	18°16'29	9♉16	15°45	10° 7	22°51	14°37	26°28	20°23	18°38	28° 7	18° 9	17° 3	25°29	n.a.	T 28
F 29	23 22 59	19°17'10	21°34	17°22	11°21	23° 1	14°43	26°34	20°27	18°37	28° 6	18° 2	17° 0	25°35	n.a.	F 29
S 30	23 26 55	20♍17'52	3♊38	18♍58	12♎36	23♉11	14♐50	26♎40	20♎30	18♉36	28♈ 5	17♏59	16♏57	25♊42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n44	20n49	4n47	21n18	1n29	10n17	1n 1	16n 0	0s37	23s29	0s41	7s47	1n54	7s15	0n25	16n24	1s24	3n 2	8s40	22s27	22s37	25n58		n.a.
S 2	14 25	23 42	4 14	21 8	1 37	9 47	0 59	16 8	0 36	23 30	0 41	7 49	1 53	7 16	0 25	16 24	1 24	3 2	8 40	22 27	22 38	25 58		n.a.
S 3	14 5	25 30	3 30	20 55	1 43	9 17	0 58	16 16	0 35	23 30	0 41	7 51	1 53	7 17	0 25	16 24	1 24	3 2	8 40	22 26	22 38	25 57		n.a.
M 4	13 44	26 8	2 38	20 40	1 49	8 46	0 56	16 24	0 34	23 30	0 41	7 53	1 53	7 18	0 25	16 24	1 24	3 2	8 40	22 26	22 39	25 57		n.a.
T 5	13 24	25 35	1 40	20 21	1 53	8 16	0 54	16 32	0 33	23 30	0 41	7 54	1 53	7 19	0 25	16 24	1 24	3 1	8 40	22 26	22 39	25 56		n.a.
W 6	13 3	23 52	0 36	20 0	1 56	7 45	0 52	16 39	0 32	23 30	0 41	7 56	1 53	7 20	0 25	16 24	1 24	3 1	8 40	22 26	22 40	25 56		n.a.
T 7	12 43	21 2	0s29	19 37	1 58	7 13	0 50	16 47	0 30	23 31	0 41	7 58	1 52	7 21	0 25	16 24	1 24	3 1	8 41	22 26	22 40	25 56		n.a.
F 8	12 22	17 15	1 35	19 11	2 0	6 42	0 48	16 54	0 29	23 31	0 41	8 0	1 52	7 22	0 25	16 24	1 24	3 0	8 41	22 26	22 41	25 55		n.a.
S 9	12 0	12 39	2 36	18 44	2 0	6 11	0 46	17 1	0 28	23 31	0 41	8 2	1 52	7 23	0 25	16 24	1 24	3 0	8 41	22 27	22 41	25 55		n.a.
S 10	11 39	7 26	3 32	18 14	2 0	5 39	0 44	17 8	0 27	23 32	0 41	8 4	1 52	7 24	0 25	16 24	1 24	3 0	8 41	22 27	22 41	25 54		n.a.
M11	11 17	1 49	4 17	17 43	1 59	5 7	0 42	17 15	0 25	23 32	0 41	8 6	1 52	7 25	0 25	16 24	1 24	3 0	8 41	22 28	22 42	25 54		n.a.
T 12	10 55	3s58	4 49	17 10	1 58	4 35	0 40	17 22	0 24	23 33	0 41	8 8	1 51	7 26	0 25	16 24	1 24	2 59	8 41	22 29	22 42	25 53		n.a.
W13	10 33	9 40	5 6	16 36	1 56	4 3	0 38	17 29	0 23	23 33	0 41	8 10	1 51	7 27	0 25	16 24	1 24	2 59	8 41	22 31	22 43	25 53		n.a.
T 14	10 11	14 58	5 6	16 1	1 53	3 31	0 35	17 35	0 21	23 33	0 41	8 13	1 51	7 28	0 25	16 24	1 24	2 59	8 41	22 31	22 43	25 52		n.a.
F 15	9 48	19 36	4 49	15 24	1 51	2 58	0 33	17 42	0 20	23 34	0 41	8 15	1 51	7 29	0 25	16 24	1 24	2 58	8 42	22 32	22 44	25 52		n.a.
S 16	9 26	23 11	4 14	14 47	1 47	2 26	0 31	17 48	0 18	23 34	0 41	8 17	1 51	7 30	0 25	16 24	1 24	2 58	8 42	22 33	22 44	25 51		n.a.
S 17	9 3	25 24	3 24	14 8	1 43	1 54	0 28	17 54	0 17	23 35	0 41	8 19	1 51	7 32	0 25	16 24	1 24	2 58	8 42	22 33	22 44	25 51		n.a.
M18	8 40	26 2	2 21	13 29	1 39	1 21	0 26	18 0	0 15	23 35	0 41	8 21	1 50	7 33	0 25	16 24	1 25	2 57	8 42	22 33	22 45	25 50		n.a.
T 19	8 17	24 57	1 10	12 49	1 35	0 49	0 24	18 6	0 14	23 36	0 41	8 23	1 50	7 34	0 25	16 23	1 25	2 57	8 42	22 32	22 45	25 50		n.a.
W20	7 54	22 14	0n 7	12 8	1 30	0 16	0 21	18 12	0 12	23 37	0 41	8 26	1 50	7 35	0 25	16 23	1 25	2 57	8 42	22 32	22 46	25 49		n.a.
T 21	7 30	18 10	1 23	11 27	1 25	0s17	0 19	18 17	0 11	23 37	0 41	8 28	1 50	7 36	0 25	16 23	1 25	2 56	8 42	22 32	22 46	25 49		n.a.
F 22	7 7	13 4	2 33	10 45	1 20	0 49	0 16	18 23	0 9	23 38	0 41	8 30	1 50	7 37	0 25	16 23	1 25	2 56	8 42	22 33	22 47	25 48		n.a.
S 23	6 43	7 21	3 33	10 2	1 15	1 22	0 14	18 28	0 8	23 38	0 41	8 32	1 50	7 39	0 25	16 23	1 25	2 55	8 42	22 34	22 47	25 48		n.a.
S 24	6 20	1 21	4 19	9 19	1 9	1 54	0 11	18 33	0 6	23 39	0 41	8 35	1 49	7 40	0 25	16 23	1 25	2 55	8 43	22 35	22 47	25 47		n.a.
M25	5 56	4n35	4 50	8 36	1 3	2 27	0 9	18 38	0 4	23 40	0 41	8 37	1 49	7 41	0 25	16 22	1 25	2 55	8 43	22 36	22 48	25 47		n.a.
T 26	5 32	10 9	5 4	7 53	0 57	2 59	0 6	18 43	0 3	23 40	0 41	8 39	1 49	7 42	0 25	16 22	1 25	2 54	8 43	22 38	22 48	25 46		n.a.
W27	5 8	15 9	5 2	7 9	0 51	3 32	0 3	18 48	0 1	23 41	0 41	8 41	1 49	7 44	0 24	16 22	1 25	2 54	8 43	22 39	22 49	25 45		n.a.
T 28	4 44	19 21	4 45	6 25	0 45	4 4	0 1	18 52	0n 1	23 42	0 41	8 44	1 49	7 45	0 24	16 22	1 25	2 54	8 43	22 40	22 49	25 45		n.a.
F 29	4 19	22 37	4 15	5 41	0 39	4 37	0s 2	18 57	0 2	23 42	0 41	8 46	1 49	7 46	0 24	16 22	1 25	2 53	8 43	22 41	22 49	25 44		n.a.
S 30	3n55	24n48	3n34	4n57	0n33	5s 9	0s 4	19n 1	0n 4	23s43	0s41	8s48	1n48	7s47	0n24	16n21	1s25	2n53	8s43	22s42	22s50	25n44		n.a.

Julian Day Number = 973269.5, Delta T = 13h22m42s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'38, Lahiri = -32°11'38 Julian Calendar 1 Sept. 2049 BCE == Greg. Calendar 15 Aug. 2049 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

OCTOBER 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 30 52	21♍18'36	15♊32	20♍35	13♎51	23♉20	14♐56	26♎46	20♎33	18°R36	28°R 4	17°R57	16♏54	25♊49	n.a.	S 1
M 2	23 34 48	22°19'23	27°20	22°10	15° 6	23°29	15° 3	26°52	20°36	18♉35	28♈ 3	17°D57	16°51	25°55	n.a.	M 2
T 3	23 38 45	23°20'11	9♋ 9	23°46	16°20	23°37	15°10	26°58	20°40	18°34	28° 2	17♏57	16°47	26° 2	n.a.	T 3
W 4	23 42 41	24°21'00	21° 4	25°21	17°35	23°44	15°17	27° 5	20°43	18°33	28° 2	17°R58	16°44	26° 9	n.a.	W 4
T 5	23 46 38	25°21'52	3♌10	26°57	18°50	23°50	15°24	27°11	20°47	18°32	28° 1	17°56	16°41	26°15	n.a.	T 5
F 6	23 50 35	26°22'45	15°31	28°31	20° 4	23°56	15°31	27°17	20°50	18°32	28° 0	17°53	16°38	26°22	n.a.	F 6
S 7	23 54 31	27°23'40	28°11	0♎ 6	21°19	24° 1	15°39	27°24	20°53	18°31	27°59	17°47	16°35	26°29	n.a.	S 7
S 8	23 58 28	28°24'36	11♍11	1°41	22°34	24° 5	15°46	27°30	20°57	18°30	27°58	17°38	16°32	26°35	n.a.	S 8
M 9	0 2 24	29°25'33	24°31	3°15	23°48	24° 8	15°54	27°36	21° 0	18°29	27°57	17°27	16°28	26°42	n.a.	M 9
T 10	0 6 21	0♎26'32	8♎10	4°49	25° 3	24°11	16° 2	27°43	21° 4	18°28	27°56	17°14	16°25	26°49	n.a.	T 10
W11	0 10 17	1°27'33	22° 5	6°23	26°18	24°13	16°10	27°49	21° 7	18°27	27°55	17° 2	16°22	26°55	n.a.	W11
T 12	0 14 14	2°28'34	6♏10	7°57	27°32	24°14	16°18	27°56	21°11	18°26	27°53	16°51	16°19	27° 2	n.a.	T 12
F 13	0 18 10	3°29'37	20°21	9°31	28°47	24°R14	16°27	28° 2	21°14	18°25	27°52	16°43	16°16	27° 8	n.a.	F 13
S 14	0 22 7	4°30'40	4♐33	11° 4	0♏ 1	24°14	16°35	28° 9	21°18	18°23	27°51	16°37	16°12	27°15	n.a.	S 14
S 15	0 26 4	5°31'45	18°44	12°38	1°16	24°13	16°44	28°16	21°21	18°22	27°50	16°34	16° 9	27°22	n.a.	S 15
M16	0 30 0	6°32'50	2♑52	14°11	2°31	24°10	16°53	28°22	21°25	18°21	27°49	16°D33	16° 6	27°28	n.a.	M16
T 17	0 33 57	7°33'56	16°54	15°45	3°45	24° 7	17° 2	28°29	21°29	18°20	27°48	16°R33	16° 3	27°35	n.a.	T 17
W18	0 37 53	8°35'03	0♒52	17°18	5° 0	24° 4	17°11	28°36	21°32	18°19	27°47	16°33	16° 0	27°42	n.a.	W18
T 19	0 41 50	9°36'10	14°44	18°51	6°14	23°59	17°20	28°42	21°36	18°18	27°46	16°30	15°57	27°48	n.a.	T 19
F 20	0 45 46	10°37'18	28°30	20°24	7°29	23°54	17°29	28°49	21°39	18°16	27°45	16°25	15°53	27°55	n.a.	F 20
S 21	0 49 43	11°38'27	12♓ 8	21°57	8°43	23°47	17°39	28°56	21°43	18°15	27°44	16°17	15°50	28° 2	n.a.	S 21
S 22	0 53 39	12°39'36	25°36	23°30	9°57	23°40	17°48	29° 3	21°47	18°14	27°42	16° 6	15°47	28° 8	n.a.	S 22
M23	0 57 36	13°40'47	8♈52	25° 3	11°12	23°32	17°58	29°10	21°50	18°12	27°41	15°53	15°44	28°15	n.a.	M23
T 24	1 1 33	14°41'58	21°54	26°36	12°26	23°24	18° 8	29°16	21°54	18°11	27°40	15°39	15°41	28°22	n.a.	T 24
W25	1 5 29	15°43'10	4♉40	28° 8	13°40	23°14	18°18	29°23	21°57	18°10	27°39	15°25	15°37	28°28	n.a.	W25
T 26	1 9 26	16°44'22	17°10	29°41	14°55	23° 4	18°28	29°30	22° 1	18° 8	27°38	15°13	15°34	28°35	n.a.	T 26
F 27	1 13 22	17°45'36	29°25	1♏13	16° 9	22°52	18°38	29°37	22° 5	18° 7	27°37	15° 4	15°31	28°42	n.a.	F 27
S 28	1 17 19	18°46'51	11♊27	2°45	17°23	22°40	18°48	29°44	22° 8	18° 5	27°36	14°57	15°28	28°48	n.a.	S 28
S 29	1 21 15	19°48'06	23°19	4°17	18°38	22°27	18°59	29°51	22°12	18° 4	27°34	14°54	15°25	28°55	n.a.	S 29
M30	1 25 12	20°49'22	5♋ 7	5°48	19°52	22°14	19° 9	29°58	22°16	18° 3	27°33	14°52	15°22	29° 2	n.a.	M30
T 31	1 29 9	21♎50'39	16♋55	7♏19	21♏ 6	21♉59	19♐20	0♏ 5	22♎19	18♉ 1	27♈32	14♑52	15♑18	29♊ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	3n31	25n51	2n44	4n13	0n26	5s41	0s 7	19n 5	0n 6	23s44	0s41	8s51	1n48	7s49	0n24	16n21	1s25	2n52	8s43	22s42	22s50	25n43			n.a.
M 2	3 6	25 42	1 48	3 28	0 20	6 13	0 10	19 9	0 8	23 45	0 41	8 53	1 48	7 50	0 24	16 21	1 25	2 52	8 43	22 42	22 51	25 42			n.a.
T 3	2 42	24 23	0 47	2 44	0 14	6 45	0 12	19 13	0 10	23 46	0 41	8 56	1 48	7 51	0 24	16 21	1 25	2 52	8 43	22 42	22 51	25 42			n.a.
W 4	2 17	21 58	0s17	1 59	0 7	7 16	0 15	19 17	0 12	23 46	0 41	8 58	1 48	7 53	0 24	16 20	1 25	2 51	8 43	22 42	22 51	25 41			n.a.
T 5	1 53	18 33	1 20	1 15	0 1	7 48	0 18	19 20	0 14	23 47	0 41	9 0	1 48	7 54	0 24	16 20	1 25	2 51	8 43	22 42	22 52	25 41			n.a.
F 6	1 28	14 16	2 21	0 31	0s 6	8 19	0 20	19 23	0 16	23 48	0 41	9 3	1 48	7 55	0 24	16 20	1 25	2 50	8 43	22 42	22 52	25 40			n.a.
S 7	1 3	9 17	3 17	0s14	0 12	8 50	0 23	19 27	0 18	23 49	0 41	9 5	1 47	7 57	0 24	16 20	1 25	2 50	8 43	22 43	22 53	25 39			n.a.
S 8	0 39	3 47	4 3	0 58	0 19	9 21	0 26	19 30	0 20	23 50	0 41	9 8	1 47	7 58	0 24	16 19	1 25	2 50	8 44	22 44	22 53	25 39			n.a.
M 9	0 14	2s 1	4 38	1 42	0 25	9 52	0 28	19 33	0 22	23 50	0 41	9 10	1 47	7 59	0 24	16 19	1 25	2 49	8 44	22 46	22 53	25 38			n.a.
T 10	0s11	7 51	4 57	2 26	0 31	10 22	0 31	19 35	0 24	23 51	0 41	9 13	1 47	8 1	0 24	16 19	1 25	2 49	8 44	22 48	22 54	25 37			n.a.
W11	0 36	13 23	5 0	3 10	0 38	10 52	0 34	19 38	0 26	23 52	0 41	9 15	1 47	8 2	0 24	16 18	1 25	2 48	8 44	22 49	22 54	25 37			n.a.
T 12	1 0	18 18	4 45	3 53	0 44	11 22	0 36	19 40	0 28	23 53	0 41	9 18	1 47	8 3	0 24	16 18	1 25	2 48	8 44	22 51	22 55	25 36			n.a.
F 13	1 25	22 14	4 11	4 36	0 50	11 52	0 39	19 42	0 30	23 54	0 41	9 20	1 47	8 5	0 24	16 18	1 25	2 48	8 44	22 52	22 55	25 35			n.a.
S 14	1 50	24 48	3 23	5 19	0 56	12 21	0 41	19 44	0 32	23 55	0 41	9 23	1 47	8 6	0 24	16 17	1 25	2 47	8 44	22 52	22 55	25 35			n.a.
S 15	2 14	25 47	2 22	6 2	1 2	12 50	0 44	19 46	0 35	23 56	0 41	9 25	1 47	8 7	0 24	16 17	1 25	2 47	8 44	22 53	22 56	25 34			n.a.
M16	2 39	25 6	1 12	6 45	1 8	13 19	0 47	19 48	0 37	23 57	0 41	9 28	1 46	8 9	0 24	16 17	1 25	2 46	8 44	22 53	22 56	25 33			n.a.
T 17	3 4	22 48	0n 2	7 27	1 13	13 47	0 49	19 49	0 39	23 57	0 41	9 30	1 46	8 10	0 24	16 16	1 25	2 46	8 44	22 53	22 57	25 32			n.a.
W18	3 28	19 9	1 15	8 8	1 19	14 16	0 52	19 51	0 42	23 58	0 41	9 33	1 46	8 11	0 24	16 16	1 25	2 45	8 44	22 53	22 57	25 32			n.a.
T 19	3 53	14 28	2 23	8 50	1 24	14 43	0 54	19 52	0 44	23 59	0 41	9 35	1 46	8 13	0 24	16 16	1 25	2 45	8 44	22 53	22 57	25 31			n.a.
F 20	4 17	9 5	3 22	9 30	1 30	15 11	0 57	19 53	0 46	24 0	0 41	9 38	1 46	8 14	0 24	16 15	1 25	2 45	8 44	22 54	22 58	25 30			n.a.
S 21	4 42	3 20	4 9	10 11	1 35	15 38	0 59	19 53	0 49	24 1	0 41	9 40	1 46	8 16	0 24	16 15	1 25	2 44	8 44	22 55	22 58	25 30			n.a.
S 22	5 6	2n30	4 41	10 51	1 40	16 4	1 1	19 54	0 51	24 2	0 41	9 43	1 46	8 17	0 24	16 15	1 25	2 44	8 44	22 56	22 58	25 29			n.a.
M23	5 30	8 7	4 58	11 30	1 44	16 30	1 4	19 54	0 54	24 3	0 41	9 45	1 46	8 18	0 24	16 14	1 26	2 43	8 44	22 58	22 59	25 28			n.a.
T 24	5 54	13 17	4 58	12 9	1 49	16 56	1 6	19 54	0 56	24 4	0 41	9 48	1 46	8 20	0 24	16 14	1 26	2 43	8 44	22 59	22 59	25 27			n.a.
W25	6 19	17 46	4 43	12 47	1 53	17 21	1 9	19 54	0 59	24 5	0 41	9 50	1 46	8 21	0 24	16 13	1 26	2 43	8 44	23 1	23 0	25 27			n.a.
T 26	6 43	21 22	4 15	13 24	1 57	17 46	1 11	19 54	1 1	24 6	0 41	9 53	1 45	8 23	0 24	16 13	1 26	2 42	8 44	23 2	23 0	25 26			n.a.
F 27	7 6	23 57	3 36	14 0	2 0	18 10	1 13	19 53	1 4	24 7	0 41	9 56	1 45	8 24	0 24	16 13	1 26	2 42	8 44	23 4	23 0	25 25			n.a.
S 28	7 30	25 22	2 47	14 36	2 3	18 34	1 15	19 53	1 6	24 7	0 41	9 58	1 45	8 25	0 24	16 12	1 26	2 41	8 44	23 4	23 1	25 24			n.a.
S 29	7 54	25 37	1 51	15 11	2 6	18 58	1 17	19 52	1 9	24 8	0 41	10 1	1 45	8 27	0 24	16 12	1 26	2 41	8 44	23 5	23 1	25 23			n.a.
M30	8 17	24 41	0 51	15 45	2 9	19 20	1 20	19 51	1 11	24 9	0 41	10 3	1 45	8 28	0 24	16 11	1 26	2 41	8 44	23 5	23 1	25 23			n.a.
T 31	8s41	22n39	0s11	16s17	2s11	19s43	1s22	19n49	1n14	24s10	0s41	10s 6	1n45	8s30	0n24	16n11	1s26	2n40	8s44	23s 5	23s 2	25n22			n.a.

Julian Day Number = 973299.5, Delta T = 13h22m40s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'34, Lahiri = -32°11'34 Julian Calendar 1 Oct. 2049 BCE == Greg. Calendar 14 Sept. 2049 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

NOVEMBER 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 33 5	22♎51'57	28♋48	8♏49	22♏20	21°R44	19♐30	0♏12	22♎23	18°R 0	27°R31	14°R52	15♉15	29♊15	n.a.	W 1
T 2	1 37 2	23°53'15	10♌53	10°18	23°34	21♉28	19°41	0°19	22°27	17♉58	27♈30	14♉51	15°12	29°22	n.a.	T 2
F 3	1 40 58	24°54'35	23°15	11°47	24°49	21°11	19°52	0°26	22°30	17°57	27°29	14°48	15° 9	29°28	n.a.	F 3
S 4	1 44 55	25°55'54	5♍57	13°15	26° 3	20°54	20° 3	0°33	22°34	17°55	27°27	14°42	15° 6	29°35	n.a.	S 4
S 5	1 48 51	26°57'15	19° 5	14°41	27°17	20°35	20°15	0°40	22°38	17°53	27°26	14°34	15° 3	29°41	n.a.	S 5
M 6	1 52 48	27°58'35	2♎37	16° 6	28°31	20°17	20°26	0°47	22°41	17°52	27°25	14°23	14°59	29°48	n.a.	M 6
T 7	1 56 44	28°59'56	16°35	17°29	29°45	19°57	20°37	0°54	22°45	17°50	27°24	14°11	14°56	29°55	n.a.	T 7
W 8	2 0 41	0♏ 1'18	0♏52	18°50	0♐59	19°37	20°49	1° 1	22°49	17°49	27°23	13°58	14°53	0♋ 1	n.a.	W 8
T 9	2 4 38	1° 2'40	15°24	20° 9	2°13	19°17	21° 0	1° 8	22°52	17°47	27°21	13°47	14°50	0° 8	n.a.	T 9
F 10	2 8 34	2° 4'01	0♐ 3	21°24	3°27	18°55	21°12	1°15	22°56	17°45	27°20	13°39	14°47	0°15	n.a.	F 10
S 11	2 12 31	3° 5'23	14°42	22°36	4°41	18°34	21°24	1°22	23° 0	17°44	27°19	13°33	14°43	0°21	n.a.	S 11
S 12	2 16 27	4° 6'45	29°14	23°44	5°55	18°12	21°35	1°29	23° 3	17°42	27°18	13°30	14°40	0°28	n.a.	S 12
M13	2 20 24	5° 8'06	13♉36	24°48	7° 9	17°49	21°47	1°36	23° 7	17°41	27°17	13°D29	14°37	0°35	n.a.	M13
T 14	2 24 20	6° 9'27	27°44	25°46	8°22	17°26	21°59	1°43	23°10	17°39	27°15	13°30	14°34	0°41	n.a.	T 14
W15	2 28 17	7°10'48	11♒39	26°38	9°36	17° 3	22°11	1°50	23°14	17°37	27°14	13°R30	14°31	0°48	n.a.	W15
T 16	2 32 14	8°12'08	25°20	27°22	10°50	16°40	22°24	1°57	23°18	17°36	27°13	13°28	14°28	0°55	n.a.	T 16
F 17	2 36 10	9°13'27	8♓48	27°59	12° 4	16°16	22°36	2° 4	23°21	17°34	27°12	13°25	14°24	1° 1	n.a.	F 17
S 18	2 40 7	10°14'46	22° 4	28°27	13°17	15°52	22°48	2°11	23°25	17°32	27°11	13°18	14°21	1° 8	n.a.	S 18
S 19	2 44 3	11°16'05	5♈ 8	28°45	14°31	15°28	23° 1	2°18	23°28	17°31	27°10	13° 9	14°18	1°15	n.a.	S 19
M20	2 48 0	12°17'23	18° 1	28°R53	15°45	15° 4	23°13	2°25	23°32	17°29	27° 9	12°59	14°15	1°21	n.a.	M20
T 21	2 51 56	13°18'41	0♉42	28°50	16°58	14°40	23°26	2°32	23°35	17°27	27° 7	12°47	14°12	1°28	n.a.	T 21
W22	2 55 53	14°19'58	13°12	28°35	18°12	14°16	23°38	2°38	23°39	17°25	27° 6	12°36	14° 9	1°35	n.a.	W22
T 23	2 59 49	15°21'15	25°29	28° 8	19°25	13°52	23°51	2°45	23°42	17°24	27° 5	12°25	14° 5	1°41	n.a.	T 23
F 24	3 3 46	16°22'32	7♊36	27°29	20°38	13°28	24° 4	2°52	23°46	17°22	27° 4	12°18	14° 2	1°48	n.a.	F 24
S 25	3 7 43	17°23'48	19°33	26°39	21°52	13° 4	24°17	2°59	23°49	17°20	27° 3	12°12	13°59	1°54	n.a.	S 25
S 26	3 11 39	18°25'04	1♋23	25°40	23° 5	12°41	24°30	3° 6	23°53	17°19	27° 2	12° 9	13°56	2° 1	n.a.	S 26
M27	3 15 36	19°26'19	13°10	24°32	24°18	12°17	24°43	3°13	23°56	17°17	27° 1	12°D 9	13°53	2° 8	n.a.	M27
T 28	3 19 32	20°27'34	24°57	23°18	25°31	11°54	24°56	3°20	23°59	17°15	27° 0	12° 9	13°49	2°14	n.a.	T 28
W29	3 23 29	21°28'49	6♌49	22° 1	26°45	11°32	25° 9	3°26	24° 3	17°14	26°59	12°11	13°46	2°21	n.a.	W29
T 30	3 27 25	22♏30'03	18♌52	20♏42	27♐58	11♉ 9	25♐22	3♏33	24♎ 6	17♉12	26♈58	12°R11	13♉43	2♋28	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9s 4	19n38	1s13	16s49	2s13	20s 4	1s24	19n48	1n16	24s11	0s41	10s 8	1n45	8s31	0n24	16n10	1s26	2n40	8s44	23s 5	23s 2	25n21		n.a.
T 2	9 27	15 43	2 13	17 19	2 14	20 26	1 26	19 46	1 19	24 12	0 41	10 11	1 45	8 32	0 24	16 10	1 26	2 39	8 44	23 5	23 3	25 20		n.a.
F 3	9 50	11 5	3 8	17 48	2 14	20 46	1 28	19 44	1 21	24 13	0 41	10 13	1 45	8 34	0 24	16 10	1 26	2 39	8 44	23 5	23 3	25 19		n.a.
S 4	10 13	5 52	3 56	18 16	2 15	21 6	1 29	19 42	1 24	24 14	0 41	10 16	1 45	8 35	0 24	16 9	1 26	2 39	8 44	23 6	23 3	25 19		n.a.
S 5	10 36	0 15	4 32	18 42	2 14	21 26	1 31	19 39	1 27	24 15	0 41	10 18	1 45	8 37	0 24	16 9	1 26	2 38	8 44	23 7	23 4	25 18		n.a.
M 6	10 58	5s34	4 55	19 7	2 13	21 45	1 33	19 36	1 29	24 15	0 41	10 21	1 45	8 38	0 24	16 8	1 26	2 38	8 44	23 8	23 4	25 17		n.a.
T 7	11 20	11 15	5 1	19 29	2 11	22 3	1 35	19 33	1 32	24 16	0 41	10 23	1 45	8 39	0 24	16 8	1 26	2 37	8 44	23 9	23 4	25 16		n.a.
W 8	11 43	16 30	4 49	19 50	2 9	22 21	1 36	19 30	1 34	24 17	0 41	10 26	1 45	8 41	0 24	16 7	1 26	2 37	8 44	23 11	23 5	25 15		n.a.
T 9	12 4	20 53	4 17	20 9	2 5	22 38	1 38	19 27	1 37	24 18	0 41	10 29	1 44	8 42	0 24	16 7	1 26	2 37	8 44	23 12	23 5	25 14		n.a.
F 10	12 26	23 58	3 29	20 26	2 1	22 54	1 40	19 23	1 39	24 19	0 41	10 31	1 44	8 43	0 24	16 6	1 26	2 36	8 43	23 13	23 5	25 13		n.a.
S 11	12 48	25 27	2 27	20 40	1 56	23 10	1 41	19 20	1 42	24 20	0 41	10 34	1 44	8 45	0 24	16 6	1 26	2 36	8 43	23 13	23 6	25 13		n.a.
S 12	13 9	25 11	1 15	20 52	1 50	23 25	1 42	19 16	1 44	24 20	0 41	10 36	1 44	8 46	0 24	16 5	1 26	2 36	8 43	23 14	23 6	25 12		n.a.
M13	13 30	23 13	0n 1	21 1	1 42	23 39	1 44	19 12	1 46	24 21	0 41	10 39	1 44	8 48	0 24	16 5	1 26	2 35	8 43	23 14	23 7	25 11		n.a.
T 14	13 51	19 49	1 15	21 7	1 34	23 53	1 45	19 7	1 49	24 22	0 41	10 41	1 44	8 49	0 24	16 4	1 26	2 35	8 43	23 14	23 7	25 10		n.a.
W15	14 11	15 20	2 24	21 10	1 24	24 6	1 46	19 3	1 51	24 23	0 41	10 44	1 44	8 50	0 24	16 4	1 26	2 35	8 43	23 14	23 7	25 9		n.a.
T 16	14 32	10 9	3 23	21 10	1 14	24 18	1 47	18 58	1 53	24 23	0 41	10 46	1 44	8 52	0 24	16 4	1 26	2 34	8 43	23 14	23 8	25 8		n.a.
F 17	14 52	4 34	4 11	21 7	1 1	24 30	1 49	18 53	1 56	24 24	0 41	10 49	1 44	8 53	0 24	16 3	1 26	2 34	8 43	23 14	23 8	25 7		n.a.
S 18	15 12	1n 7	4 43	21 0	0 48	24 40	1 50	18 48	1 58	24 25	0 41	10 51	1 44	8 54	0 24	16 3	1 26	2 34	8 43	23 15	23 8	25 6		n.a.
S 19	15 31	6 40	5 1	20 50	0 33	24 50	1 50	18 43	2 0	24 26	0 41	10 53	1 44	8 56	0 24	16 2	1 26	2 33	8 43	23 16	23 9	25 5		n.a.
M20	15 50	11 51	5 3	20 36	0 17	25 0	1 51	18 38	2 2	24 26	0 41	10 56	1 44	8 57	0 24	16 2	1 26	2 33	8 43	23 17	23 9	25 4		n.a.
T 21	16 9	16 27	4 49	20 18	0n 0	25 8	1 52	18 33	2 4	24 27	0 41	10 58	1 44	8 58	0 24	16 1	1 26	2 33	8 43	23 18	23 9	25 3		n.a.
W22	16 28	20 16	4 22	19 57	0 19	25 16	1 53	18 27	2 6	24 28	0 41	11 1	1 44	9 0	0 24	16 1	1 26	2 32	8 42	23 19	23 10	25 3		n.a.
T 23	16 46	23 8	3 43	19 32	0 38	25 23	1 53	18 22	2 8	24 28	0 41	11 3	1 44	9 1	0 24	16 0	1 26	2 32	8 42	23 20	23 10	25 2		n.a.
F 24	17 4	24 53	2 54	19 4	0 58	25 29	1 54	18 16	2 10	24 29	0 41	11 6	1 44	9 2	0 24	16 0	1 26	2 32	8 42	23 21	23 10	25 1		n.a.
S 25	17 22	25 29	1 58	18 33	1 18	25 35	1 54	18 10	2 12	24 30	0 41	11 8	1 44	9 4	0 24	15 59	1 26	2 31	8 42	23 21	23 11	25 0		n.a.
S 26	17 40	24 53	0 58	18 0	1 37	25 39	1 55	18 5	2 14	24 30	0 41	11 10	1 44	9 5	0 24	15 59	1 26	2 31	8 42	23 22	23 11	24 59		n.a.
M27	17 57	23 10	0s 6	17 25	1 56	25 43	1 55	17 59	2 15	24 31	0 41	11 13	1 44	9 6	0 24	15 58	1 26	2 31	8 42	23 22	23 11	24 58		n.a.
T 28	18 14	20 27	1 9	16 49	2 14	25 46	1 55	17 53	2 17	24 31	0 42	11 15	1 44	9 7	0 24	15 58	1 26	2 31	8 42	23 22	23 12	24 57		n.a.
W29	18 30	16 52	2 9	16 13	2 31	25 49	1 55	17 47	2 19	24 32	0 42	11 17	1 44	9 9	0 24	15 57	1 26	2 30	8 42	23 22	23 12	24 56		n.a.
T 30	18s46	12n33	3s 5	15s38	2n45	25s50	1s55	17n42	2n20	24s32	0s42	11s20	1n44	9s10	0n24	15n57	1s26	2n30	8s42	23s21	23s12	24n55		n.a.

Julian Day Number = 973330.5, Delta T = 13h22m38s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'30, Lahiri = -32°11'30 Julian Calendar 1 Nov. 2049 BCE == Greg. Calendar 15 Oct. 2049 BCE

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ASTRODIENST EPHEMERIS for the year 2049 BCE
geocentric

DECEMBER 2049 BCE (-2048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 31 22	23♏31'17	1♍10	19°R24	29♐11	10°R47	25♐35	3♏40	24♎ 9	17°R10	26°R56	12°R11	13♑40	2♋34	n.a.	F 1
S 2	3 35 19	24°32'30	13°50	18♏10	0♑24	10♑26	25°48	3°47	24°13	17♑ 8	26♈55	12♑ 9	13°37	2°41	n.a.	S 2
S 3	3 39 15	25°33'42	26°54	17° 1	1°37	10° 5	26° 2	3°53	24°16	17° 7	26°54	12° 5	13°34	2°48	n.a.	S 3
M 4	3 43 12	26°34'54	10♎26	15°59	2°50	9°44	26°15	4° 0	24°19	17° 5	26°53	11°59	13°30	2°54	n.a.	M 4
T 5	3 47 8	27°36'06	24°26	15° 5	4° 2	9°24	26°28	4° 7	24°22	17° 3	26°52	11°52	13°27	3° 1	n.a.	T 5
W 6	3 51 5	28°37'16	8♏53	14°20	5°15	9° 5	26°42	4°13	24°26	17° 2	26°51	11°45	13°24	3° 8	n.a.	W 6
T 7	3 55 1	29°38'26	23°39	13°44	6°28	8°46	26°55	4°20	24°29	17° 0	26°50	11°38	13°21	3°14	n.a.	T 7
F 8	3 58 58	0♐39'35	8♐39	13°18	7°40	8°28	27° 9	4°26	24°32	16°58	26°49	11°33	13°18	3°21	n.a.	F 8
S 9	4 2 55	1°40'43	23°42	13° 1	8°53	8°11	27°23	4°33	24°35	16°57	26°49	11°29	13°15	3°28	n.a.	S 9
S 10	4 6 51	2°41'50	8♑39	12°52	10° 5	7°54	27°36	4°39	24°38	16°55	26°48	11°D28	13°11	3°34	n.a.	S 10
M11	4 10 48	3°42'55	23°23	12°D51	11°18	7°38	27°50	4°46	24°41	16°54	26°47	11°29	13° 8	3°41	n.a.	M11
T 12	4 14 44	4°43'59	7♒50	12°59	12°30	7°23	28° 4	4°52	24°44	16°52	26°46	11°30	13° 5	3°48	n.a.	T 12
W13	4 18 41	5°45'01	21°56	13°13	13°42	7° 8	28°18	4°59	24°47	16°50	26°45	11°31	13° 2	3°54	n.a.	W13
T 14	4 22 37	6°46'02	5♓40	13°34	14°55	6°54	28°32	5° 5	24°50	16°49	26°44	11°R32	12°59	4° 1	n.a.	T 14
F 15	4 26 34	7°47'01	19° 4	14° 1	16° 7	6°41	28°45	5°11	24°53	16°47	26°43	11°32	12°55	4° 7	n.a.	F 15
S 16	4 30 30	8°47'59	2♈10	14°34	17°19	6°29	28°59	5°18	24°56	16°46	26°42	11°29	12°52	4°14	n.a.	S 16
S 17	4 34 27	9°48'55	14°59	15°12	18°31	6°18	29°13	5°24	24°59	16°44	26°41	11°26	12°49	4°21	n.a.	S 17
M18	4 38 24	10°49'49	27°35	15°54	19°42	6° 7	29°27	5°30	25° 2	16°43	26°41	11°21	12°46	4°27	n.a.	M18
T 19	4 42 20	11°50'42	9♉58	16°40	20°54	5°57	29°41	5°36	25° 5	16°41	26°40	11°15	12°43	4°34	n.a.	T 19
W20	4 46 17	12°51'34	22°11	17°30	22° 6	5°48	29°55	5°42	25° 7	16°40	26°39	11°10	12°40	4°41	n.a.	W20
T 21	4 50 13	13°52'24	4♊15	18°24	23°17	5°40	0♑ 9	5°48	25°10	16°38	26°38	11° 6	12°36	4°47	n.a.	T 21
F 22	4 54 10	14°53'12	16°12	19°21	24°29	5°33	0°24	5°54	25°13	16°37	26°38	11° 2	12°33	4°54	n.a.	F 22
S 23	4 58 6	15°53'59	28° 4	20°21	25°40	5°26	0°38	6° 0	25°15	16°35	26°37	11° 0	12°30	5° 1	n.a.	S 23
S 24	5 2 3	16°54'44	9♋52	21°23	26°51	5°20	0°52	6° 6	25°18	16°34	26°36	10°D59	12°27	5° 7	n.a.	S 24
M25	5 6 0	17°55'28	21°39	22°28	28° 2	5°15	1° 6	6°12	25°21	16°32	26°35	11° 0	12°24	5°14	n.a.	M25
T 26	5 9 56	18°56'11	3♌28	23°35	29°13	5°11	1°20	6°18	25°23	16°31	26°35	11° 1	12°21	5°21	n.a.	T 26
W27	5 13 53	19°56'52	15°22	24°44	0♒24	5° 8	1°34	6°23	25°26	16°30	26°34	11° 3	12°17	5°27	n.a.	W27
T 28	5 17 49	20°57'31	27°26	25°55	1°35	5° 5	1°49	6°29	25°28	16°28	26°33	11° 4	12°14	5°34	n.a.	T 28
F 29	5 21 46	21°58'09	9♍43	27° 8	2°46	5° 3	2° 3	6°35	25°31	16°27	26°33	11° 6	12°11	5°41	n.a.	F 29
S 30	5 25 42	22°58'46	22°19	28°23	3°56	5° 2	2°17	6°40	25°33	16°26	26°32	11°R 6	12° 8	5°47	n.a.	S 30
S 31	5 29 39	23♐59'21	5♎17	29♏39	5♒ 7	5°D 2	2♑32	6♏46	25♎35	16♑24	26♈32	11♑ 6	12♑ 5	5♋54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 2	7n39	3s54	15s 5	2n58	25s51	1s55	17n36	2n21	24s33	0s42	11s22	1n44	9s11	0n24	15n56	1s26	2n30	8s41	23s21	23s13	24n54		n.a.
S 2	19 18	2 19	4 32	14 35	3 8	25 51	1 55	17 30	2 23	24 33	0 42	11 24	1 44	9 12	0 24	15 56	1 26	2 30	8 41	23 22	23 13	24 53		n.a.
S 3	19 33	3s17	4 58	14 8	3 16	25 50	1 55	17 25	2 24	24 34	0 42	11 27	1 44	9 14	0 24	15 55	1 26	2 29	8 41	23 22	23 13	24 52		n.a.
M 4	19 47	8 56	5 9	13 45	3 21	25 49	1 55	17 19	2 25	24 34	0 42	11 29	1 44	9 15	0 24	15 55	1 26	2 29	8 41	23 23	23 14	24 51		n.a.
T 5	20 2	14 19	5 2	13 26	3 24	25 46	1 54	17 14	2 27	24 35	0 42	11 31	1 44	9 16	0 24	15 55	1 26	2 29	8 41	23 23	23 14	24 50		n.a.
W 6	20 16	19 5	4 35	13 12	3 25	25 43	1 54	17 8	2 28	24 35	0 42	11 33	1 44	9 17	0 24	15 54	1 25	2 29	8 41	23 24	23 14	24 49		n.a.
T 7	20 29	22 47	3 50	13 2	3 25	25 39	1 53	17 3	2 29	24 36	0 42	11 36	1 44	9 18	0 24	15 54	1 25	2 28	8 41	23 25	23 15	24 48		n.a.
F 8	20 42	24 58	2 49	12 56	3 22	25 35	1 53	16 58	2 30	24 36	0 42	11 38	1 44	9 20	0 24	15 53	1 25	2 28	8 40	23 25	23 15	24 47		n.a.
S 9	20 55	25 22	1 35	12 55	3 19	25 29	1 52	16 53	2 31	24 36	0 42	11 40	1 44	9 21	0 24	15 53	1 25	2 28	8 40	23 25	23 15	24 46		n.a.
S 10	21 8	23 54	0 15	12 57	3 14	25 23	1 51	16 48	2 31	24 37	0 42	11 42	1 44	9 22	0 24	15 52	1 25	2 28	8 40	23 25	23 16	24 45		n.a.
M11	21 20	20 48	1n 5	13 2	3 8	25 16	1 50	16 44	2 32	24 37	0 42	11 45	1 44	9 23	0 24	15 52	1 25	2 28	8 40	23 25	23 16	24 43		n.a.
T 12	21 31	16 27	2 19	13 11	3 1	25 8	1 49	16 39	2 33	24 37	0 42	11 47	1 44	9 24	0 24	15 51	1 25	2 28	8 40	23 25	23 16	24 42		n.a.
W13	21 42	11 17	3 23	13 23	2 53	25 0	1 48	16 35	2 34	24 37	0 42	11 49	1 44	9 25	0 24	15 51	1 25	2 27	8 40	23 25	23 17	24 41		n.a.
T 14	21 53	5 42	4 14	13 37	2 45	24 51	1 47	16 31	2 34	24 38	0 42	11 51	1 44	9 26	0 24	15 50	1 25	2 27	8 39	23 25	23 17	24 40		n.a.
F 15	22 3	0n 0	4 49	13 53	2 37	24 41	1 45	16 27	2 35	24 38	0 42	11 53	1 44	9 27	0 24	15 50	1 25	2 27	8 39	23 25	23 17	24 39		n.a.
S 16	22 13	5 35	5 8	14 11	2 28	24 30	1 44	16 23	2 35	24 38	0 42	11 55	1 44	9 28	0 24	15 50	1 25	2 27	8 39	23 25	23 18	24 38		n.a.
S 17	22 23	10 48	5 12	14 31	2 19	24 19	1 42	16 20	2 36	24 38	0 42	11 57	1 44	9 30	0 24	15 49	1 25	2 27	8 39	23 26	23 18	24 37		n.a.
M18	22 32	15 28	5 0	14 52	2 9	24 7	1 41	16 17	2 36	24 38	0 43	11 59	1 44	9 31	0 24	15 49	1 25	2 27	8 39	23 26	23 18	24 36		n.a.
T 19	22 40	19 26	4 35	15 15	2 0	23 54	1 39	16 14	2 36	24 38	0 43	12 1	1 44	9 32	0 24	15 48	1 25	2 27	8 38	23 26	23 18	24 35		n.a.
W20	22 48	22 29	3 57	15 38	1 50	23 40	1 37	16 11	2 37	24 38	0 43	12 3	1 44	9 33	0 24	15 48	1 25	2 26	8 38	23 27	23 19	24 34		n.a.
T 21	22 56	24 31	3 8	16 3	1 41	23 26	1 35	16 8	2 37	24 39	0 43	12 5	1 44	9 34	0 24	15 48	1 25	2 26	8 38	23 27	23 19	24 33		n.a.
F 22	23 3	25 23	2 12	16 28	1 31	23 12	1 33	16 6	2 37	24 39	0 43	12 7	1 45	9 35	0 24	15 47	1 25	2 26	8 38	23 28	23 19	24 31		n.a.
S 23	23 10	25 6	1 11	16 53	1 22	22 56	1 31	16 4	2 37	24 39	0 43	12 9	1 45	9 36	0 24	15 47	1 25	2 26	8 38	23 28	23 20	24 30		n.a.
S 24	23 16	23 39	0 6	17 19	1 12	22 40	1 29	16 2	2 37	24 39	0 43	12 11	1 45	9 37	0 24	15 46	1 25	2 26	8 38	23 28	23 20	24 29		n.a.
M25	23 22	21 11	0s59	17 45	1 3	22 24	1 27	16 0	2 37	24 39	0 43	12 13	1 45	9 38	0 24	15 46	1 25	2 26	8 37	23 28	23 20	24 28		n.a.
T 26	23 27	17 49	2 1	18 11	0 53	22 7	1 25	15 59	2 38	24 38	0 43	12 15	1 45	9 39	0 24	15 46	1 25	2 26	8 37	23 28	23 21	24 27		n.a.
W27	23 32	13 43	2 59	18 38	0 44	21 49	1 22	15 58	2 38	24 38	0 43	12 17	1 45	9 39	0 24	15 45	1 25	2 26	8 37	23 28	23 21	24 26		n.a.
T 28	23 37	9 2	3 49	19 4	0 35	21 30	1 20	15 57	2 37	24 38	0 43	12 19	1 45	9 40	0 24	15 45	1 25	2 26	8 37	23 27	23 21	24 25		n.a.
F 29	23 41	3 55	4 31	19 30	0 26	21 11	1 17	15 56	2 37	24 38	0 43	12 20	1 45	9 41	0 24	15 45	1 25	2 26	8 37	23 27	23 21	24 23		n.a.
S 30	23 44	1s28	5 0	19 55	0 18	20 52	1 14	15 56	2 37	24 38	0 43	12 22	1 45	9 42	0 24	15 44	1 25	2 26	8 36	23 27	23 22	24 22		n.a.
S 31	23s47	6s56	5s15	20s21	0n 9	20s32	1s11	15n55	2n37	24s38	0s43	12s24	1n45	9s43	0n24	15n44	1s25	2n26	8s36	23s27	23s22	24n21		n.a.

Julian Day Number = 973360.5, Delta T = 13h22m35s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'26, Lahiri = -32°11'26 Julian Calendar 1 Dec. 2049 BCE == Greg. Calendar 14 Nov. 2049 BCE

The year -2048 astronomical counting style corresponds to year 2049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

JANUARY 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 33 35	24♐59'54	18♎40	0♐57	6♒17	5♉ 2	2♑46	6♏51	25♎38	16°R23	26°R31	11°R 5	12♑ 1	6♋ 0	n.a.	M 1
T 2	5 37 32	26° 0'27	2♏32	2°16	7°27	5° 3	3° 0	6°57	25°40	16♉22	26♈31	11♑ 3	11°58	6° 7	n.a.	T 2
W 3	5 41 29	27° 0'57	16°51	3°37	8°37	5° 5	3°14	7° 2	25°42	16°21	26°30	11° 1	11°55	6°14	n.a.	W 3
T 4	5 45 25	28° 1'27	1♐34	4°58	9°47	5° 8	3°29	7° 7	25°44	16°19	26°29	10°59	11°52	6°20	n.a.	T 4
F 5	5 49 22	29° 1'54	16°36	6°22	10°57	5°11	3°43	7°12	25°46	16°18	26°29	10°58	11°49	6°27	n.a.	F 5
S 6	5 53 18	0♑ 2'20	1♑48	7°46	12° 6	5°15	3°58	7°17	25°48	16°17	26°29	10°57	11°46	6°34	n.a.	S 6
S 7	5 57 15	1° 2'44	17° 0	9°11	13°16	5°20	4°12	7°23	25°50	16°16	26°28	10°D57	11°42	6°40	n.a.	S 7
M 8	6 1 11	2° 3'05	2♒ 3	10°38	14°25	5°25	4°26	7°28	25°52	16°15	26°28	10°58	11°39	6°47	n.a.	M 8
T 9	6 5 8	3° 3'25	16°49	12° 6	15°34	5°31	4°41	7°33	25°54	16°14	26°27	10°58	11°36	6°54	n.a.	T 9
W10	6 9 4	4° 3'42	1♓12	13°34	16°43	5°38	4°55	7°37	25°56	16°13	26°27	10°59	11°33	7° 0	n.a.	W10
T 11	6 13 1	5° 3'57	15°10	15° 4	17°52	5°45	5° 9	7°42	25°58	16°12	26°27	11° 0	11°30	7° 7	n.a.	T 11
F 12	6 16 58	6° 4'10	28°41	16°35	19° 1	5°53	5°24	7°47	26° 0	16°11	26°26	11° 0	11°26	7°14	n.a.	F 12
S 13	6 20 54	7° 4'20	11♈49	18° 7	20° 9	6° 1	5°38	7°52	26° 2	16°10	26°26	11°R 0	11°23	7°20	n.a.	S 13
S 14	6 24 51	8° 4'28	24°34	19°40	21°17	6°11	5°53	7°56	26° 3	16° 9	26°26	11° 0	11°20	7°27	n.a.	S 14
M15	6 28 47	9° 4'34	7♉ 2	21°15	22°25	6°20	6° 7	8° 1	26° 5	16° 8	26°25	10°59	11°17	7°34	n.a.	M15
T 16	6 32 44	10° 4'38	19°14	22°50	23°33	6°31	6°21	8° 5	26° 7	16° 7	26°25	10°59	11°14	7°40	n.a.	T 16
W17	6 36 40	11° 4'39	1♊17	24°26	24°41	6°42	6°36	8°10	26° 8	16° 6	26°25	10°D59	11°11	7°47	n.a.	W17
T 18	6 40 37	12° 4'38	13°11	26° 3	25°48	6°53	6°50	8°14	26°10	16° 5	26°25	10°59	11° 7	7°53	n.a.	T 18
F 19	6 44 33	13° 4'35	25° 1	27°42	26°56	7° 5	7° 4	8°18	26°11	16° 5	26°25	10°59	11° 4	8° 0	n.a.	F 19
S 20	6 48 30	14° 4'30	6♋49	29°21	28° 3	7°18	7°19	8°22	26°13	16° 4	26°24	11°R 0	11° 1	8° 7	n.a.	S 20
S 21	6 52 27	15° 4'22	18°37	1♑ 2	29°10	7°31	7°33	8°26	26°14	16° 3	26°24	11° 0	10°58	8°13	n.a.	S 21
M22	6 56 23	16° 4'13	0♌27	2°44	0♓16	7°44	7°47	8°30	26°15	16° 2	26°24	10°59	10°55	8°20	n.a.	M22
T 23	7 0 20	17° 4'01	12°22	4°27	1°23	7°58	8° 2	8°34	26°17	16° 2	26°24	10°59	10°52	8°27	n.a.	T 23
W24	7 4 16	18° 3'47	24°23	6°11	2°29	8°13	8°16	8°38	26°18	16° 1	26°24	10°58	10°48	8°33	n.a.	W24
T 25	7 8 13	19° 3'31	6♍34	7°56	3°35	8°28	8°30	8°42	26°19	16° 1	26°24	10°57	10°45	8°40	n.a.	T 25
F 26	7 12 9	20° 3'13	18°58	9°42	4°40	8°43	8°44	8°46	26°20	16° 0	26°D24	10°56	10°42	8°47	n.a.	F 26
S 27	7 16 6	21° 2'53	1♎36	11°30	5°46	8°59	8°59	8°49	26°21	16° 0	26°24	10°55	10°39	8°53	n.a.	S 27
S 28	7 20 2	22° 2'31	14°32	13°19	6°51	9°15	9°13	8°53	26°22	15°59	26°24	10°54	10°36	9° 0	n.a.	S 28
M29	7 23 59	23° 2'08	27°49	15° 8	7°56	9°32	9°27	8°56	26°23	15°59	26°24	10°D54	10°32	9° 7	n.a.	M29
T 30	7 27 55	24° 1'42	11♏29	17° 0	9° 1	9°49	9°41	9° 0	26°24	15°58	26°24	10°55	10°29	9°13	n.a.	T 30
W31	7 31 52	25♑ 1'15	25♏34	18♑52	10♓ 5	10♉ 7	9♑55	9♏ 3	26♎25	15♉58	26♈24	10♑55	10♑26	9♋20	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s50	12s17	5s14	20s46	0n 1	20s11	1s 8	15n55	2n37	24s38	0s44	12s26	1n45	9s44	0n24	15n44	1s25	2n26	8s36	23s27	23s22	24n20			n.a.
T 2	23 52	17 12	4 55	21 10	0s 8	19 50	1 5	15 56	2 37	24 37	0 44	12 27	1 45	9 45	0 24	15 43	1 25	2 26	8 36	23 28	23 23	24 19			n.a.
W 3	23 54	21 18	4 17	21 34	0 16	19 29	1 2	15 56	2 37	24 37	0 44	12 29	1 45	9 45	0 24	15 43	1 25	2 26	8 35	23 28	23 23	24 17			n.a.
T 4	23 55	24 11	3 22	21 57	0 23	19 7	0 59	15 57	2 37	24 37	0 44	12 31	1 45	9 46	0 24	15 43	1 25	2 26	8 35	23 28	23 23	24 16			n.a.
F 5	23 56	25 25	2 11	22 19	0 31	18 44	0 56	15 58	2 36	24 36	0 44	12 32	1 45	9 47	0 24	15 42	1 24	2 26	8 35	23 28	23 24	24 15			n.a.
S 6	23 56	24 46	0 51	22 41	0 38	18 21	0 53	15 59	2 36	24 36	0 44	12 34	1 45	9 48	0 24	15 42	1 24	2 26	8 35	23 28	23 24	24 14			n.a.
S 7	23 55	22 16	0n34	23 2	0 45	17 58	0 49	16 0	2 36	24 36	0 44	12 36	1 46	9 49	0 24	15 42	1 24	2 26	8 35	23 28	23 24	24 13			n.a.
M 8	23 55	18 15	1 55	23 21	0 52	17 34	0 46	16 2	2 35	24 35	0 44	12 37	1 46	9 49	0 24	15 42	1 24	2 26	8 34	23 28	23 24	24 11			n.a.
T 9	23 54	13 9	3 6	23 40	0 59	17 10	0 42	16 4	2 35	24 35	0 44	12 39	1 46	9 50	0 24	15 41	1 24	2 26	8 34	23 28	23 25	24 10			n.a.
W10	23 52	7 28	4 5	23 58	1 5	16 45	0 38	16 6	2 35	24 34	0 44	12 40	1 46	9 51	0 24	15 41	1 24	2 26	8 34	23 28	23 25	24 9			n.a.
T 11	23 50	1 34	4 46	24 15	1 11	16 20	0 35	16 8	2 34	24 34	0 44	12 42	1 46	9 51	0 24	15 41	1 24	2 26	8 34	23 28	23 25	24 8			n.a.
F 12	23 47	4n12	5 11	24 31	1 17	15 55	0 31	16 10	2 34	24 34	0 45	12 43	1 46	9 52	0 24	15 41	1 24	2 26	8 33	23 28	23 26	24 6			n.a.
S 13	23 44	9 37	5 18	24 45	1 22	15 29	0 27	16 13	2 34	24 33	0 45	12 45	1 46	9 53	0 24	15 40	1 24	2 26	8 33	23 28	23 26	24 5			n.a.
S 14	23 41	14 29	5 9	24 58	1 27	15 3	0 23	16 15	2 33	24 32	0 45	12 46	1 46	9 53	0 24	15 40	1 24	2 27	8 33	23 28	23 26	24 4			n.a.
M15	23 37	18 37	4 46	25 10	1 32	14 37	0 19	16 18	2 33	24 32	0 45	12 48	1 46	9 54	0 24	15 40	1 24	2 27	8 33	23 28	23 26	24 3			n.a.
T 16	23 32	21 53	4 10	25 20	1 37	14 10	0 14	16 22	2 33	24 31	0 45	12 49	1 46	9 54	0 24	15 40	1 24	2 27	8 33	23 28	23 27	24 1			n.a.
W17	23 27	24 9	3 23	25 29	1 41	13 43	0 10	16 25	2 32	24 31	0 45	12 50	1 46	9 55	0 24	15 39	1 24	2 27	8 32	23 28	23 27	24 0			n.a.
T 18	23 22	25 18	2 29	25 37	1 45	13 16	0 6	16 28	2 32	24 30	0 45	12 52	1 46	9 56	0 24	15 39	1 24	2 27	8 32	23 28	23 27	23 59			n.a.
F 19	23 16	25 18	1 28	25 43	1 48	12 49	0 1	16 32	2 31	24 29	0 45	12 53	1 47	9 56	0 24	15 39	1 24	2 27	8 32	23 28	23 27	23 57			n.a.
S 20	23 10	24 8	0 23	25 47	1 51	12 21	0n 3	16 36	2 31	24 29	0 45	12 54	1 47	9 57	0 24	15 39	1 24	2 27	8 32	23 28	23 28	23 56			n.a.
S 21	23 3	21 55	0s42	25 49	1 54	11 53	0 8	16 40	2 30	24 28	0 45	12 55	1 47	9 57	0 24	15 39	1 24	2 28	8 31	23 28	23 28	23 55			n.a.
M22	22 56	18 45	1 46	25 50	1 56	11 25	0 12	16 44	2 30	24 27	0 46	12 57	1 47	9 58	0 24	15 39	1 24	2 28	8 31	23 28	23 28	23 54			n.a.
T 23	22 49	14 48	2 46	25 49	1 58	10 57	0 17	16 48	2 29	24 26	0 46	12 58	1 47	9 58	0 24	15 38	1 24	2 28	8 31	23 28	23 29	23 52			n.a.
W24	22 41	10 14	3 39	25 46	2 0	10 28	0 22	16 52	2 29	24 26	0 46	12 59	1 47	9 59	0 24	15 38	1 24	2 28	8 31	23 28	23 29	23 51			n.a.
T 25	22 33	5 14	4 22	25 42	2 1	9 59	0 26	16 57	2 28	24 25	0 46	13 0	1 47	9 59	0 24	15 38	1 24	2 28	8 30	23 28	23 29	23 50			n.a.
F 26	22 24	0s 3	4 54	25 35	2 1	9 31	0 31	17 2	2 28	24 24	0 46	13 1	1 47	9 59	0 24	15 38	1 23	2 29	8 30	23 28	23 29	23 48			n.a.
S 27	22 15	5 25	5 13	25 26	2 2	9 2	0 36	17 6	2 27	24 23	0 46	13 2	1 47	10 0	0 24	15 38	1 23	2 29	8 30	23 28	23 30	23 47			n.a.
S 28	22 5	10 41	5 17	25 16	2 1	8 32	0 41	17 11	2 27	24 22	0 46	13 3	1 47	10 0	0 24	15 38	1 23	2 29	8 30	23 28	23 30	23 46			n.a.
M29	21 55	15 37	5 4	25 3	2 1	8 3	0 46	17 16	2 26	24 21	0 46	13 4	1 48	10 0	0 24	15 38	1 23	2 29	8 30	23 28	23 30	23 44			n.a.
T 30	21 45	19 54	4 33	24 48	1 59	7 34	0 51	17 21	2 26	24 20	0 47	13 5	1 48	10 1	0 24	15 38	1 23	2 29	8 29	23 28	23 30	23 43			n.a.
W31	21s34	23s12	3s46	24s30	1s57	7s 4	0n56	17n27	2n25	24s19	0s47	13s 6	1n48	10s 1	0n24	15n38	1s23	2n30	8s29	23s28	23s31	23n42			n.a.

Julian Day Number = 973391.5, Delta T = 13h22m33s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'22, Lahiri = -32°11'21 Julian Calendar 1 Jan. 2048 BCE == Greg. Calendar 15 Dec. 2049 BCE

The year -2047 astronomical counting style corresponds to year 2048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

FEBRUARY 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 35 49	26♒ 0'45	10♐ 1	20♒46	11♓ 9	10♉25	10♒ 9	9♏ 6	26♎26	15°R57	26♈24	10♒57	10♒23	9♋27	n.a.	T 1
F 2	7 39 45	27° 0'14	24°49	22°40	12°13	10°43	10°23	9° 9	26°27	15♉57	26°25	10°58	10°20	9°33	n.a.	F 2
S 3	7 43 42	27°59'41	9♒51	24°36	13°16	11° 2	10°37	9°12	26°27	15°57	26°25	10°R58	10°17	9°40	n.a.	S 3
S 4	7 47 38	28°59'05	25° 0	26°33	14°19	11°21	10°52	9°15	26°28	15°56	26°25	10°58	10°13	9°46	n.a.	S 4
M 5	7 51 35	29°58'27	10♒ 6	28°31	15°22	11°41	11° 6	9°18	26°29	15°56	26°25	10°56	10°10	9°53	n.a.	M 5
T 6	7 55 31	0♒57'47	25° 1	0♒30	16°25	12° 1	11°19	9°21	26°29	15°56	26°25	10°54	10° 7	10° 0	n.a.	T 6
W 7	7 59 28	1°57'05	9♓35	2°30	17°27	12°21	11°33	9°23	26°30	15°56	26°26	10°51	10° 4	10° 6	n.a.	W 7
T 8	8 3 24	2°56'20	23°45	4°31	18°29	12°42	11°47	9°26	26°30	15°56	26°26	10°48	10° 1	10°13	n.a.	T 8
F 9	8 7 21	3°55'32	7♈27	6°33	19°30	13° 3	12° 1	9°28	26°31	15°56	26°26	10°46	9°58	10°20	n.a.	F 9
S 10	8 11 18	4°54'43	20°41	8°35	20°31	13°24	12°15	9°31	26°31	15°55	26°26	10°44	9°54	10°26	n.a.	S 10
S 11	8 15 14	5°53'50	3♉30	10°38	21°32	13°46	12°29	9°33	26°31	15°55	26°27	10°D43	9°51	10°33	n.a.	S 11
M12	8 19 11	6°52'55	15°58	12°40	22°32	14° 8	12°43	9°35	26°31	15°D55	26°27	10°43	9°48	10°40	n.a.	M12
T 13	8 23 7	7°51'58	28° 8	14°43	23°32	14°30	12°56	9°37	26°32	15°55	26°28	10°45	9°45	10°46	n.a.	T 13
W14	8 27 4	8°50'58	10♊ 6	16°45	24°31	14°53	13°10	9°39	26°32	15°56	26°28	10°46	9°42	10°53	n.a.	W14
T 15	8 31 0	9°49'56	21°56	18°47	25°30	15°15	13°23	9°41	26°32	15°56	26°28	10°48	9°38	11° 0	n.a.	T 15
F 16	8 34 57	10°48'51	3♋43	20°48	26°28	15°39	13°37	9°43	26°R32	15°56	26°29	10°49	9°35	11° 6	n.a.	F 16
S 17	8 38 53	11°47'44	15°30	22°47	27°27	16° 2	13°51	9°45	26°32	15°56	26°29	10°R49	9°32	11°13	n.a.	S 17
S 18	8 42 50	12°46'35	27°20	24°45	28°24	16°26	14° 4	9°46	26°32	15°56	26°30	10°48	9°29	11°20	n.a.	S 18
M19	8 46 46	13°45'24	9♌17	26°41	29°21	16°50	14°17	9°48	26°32	15°56	26°30	10°45	9°26	11°26	n.a.	M19
T 20	8 50 43	14°44'10	21°22	28°34	0♈17	17°14	14°31	9°49	26°32	15°57	26°31	10°41	9°23	11°33	n.a.	T 20
W21	8 54 40	15°42'54	3♍36	0♓25	1°13	17°38	14°44	9°51	26°31	15°57	26°31	10°35	9°19	11°39	n.a.	W21
T 22	8 58 36	16°41'36	16° 1	2°12	2° 9	18° 3	14°57	9°52	26°31	15°57	26°32	10°29	9°16	11°46	n.a.	T 22
F 23	9 2 33	17°40'16	28°37	3°56	3° 4	18°28	15°11	9°53	26°31	15°58	26°33	10°22	9°13	11°53	n.a.	F 23
S 24	9 6 29	18°38'54	11♎27	5°36	3°58	18°53	15°24	9°54	26°30	15°58	26°33	10°17	9°10	11°59	n.a.	S 24
S 25	9 10 26	19°37'30	24°31	7°12	4°51	19°19	15°37	9°55	26°30	15°58	26°34	10°12	9° 7	12° 6	n.a.	S 25
M26	9 14 22	20°36'04	7♏50	8°44	5°44	19°44	15°50	9°56	26°29	15°59	26°35	10°10	9° 4	12°13	n.a.	M26
T 27	9 18 19	21°34'36	21°26	10°11	6°37	20°10	16° 3	9°57	26°29	15°59	26°35	10°D 9	9° 0	12°19	n.a.	T 27
W28	9 22 15	22♒33'07	5♐20	11♓33	7♈28	20♉36	16♒16	9♏57	26♎28	16♉ 0	26♈36	10♒10	8♒57	12♋26	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s23	25 s 6	2 s43	24 s11	1 s55	6 s35	1n 2	17n32	2n25	24 s19	0 s47	13 s 7	1n48	10 s 1	0n24	15n38	1 s23	2n30	8 s29	23 s28	23 s31	23n40		n.a.
F 2	21 11	25 18	1 28	23 49	1 52	6 5	1 7	17 37	2 24	24 18	0 47	13 8	1 48	10 2	0 24	15 38	1 23	2 30	8 29	23 28	23 31	23 39		n.a.
S 3	20 59	23 39	0 6	23 25	1 49	5 36	1 12	17 43	2 24	24 17	0 47	13 9	1 48	10 2	0 25	15 38	1 23	2 31	8 28	23 28	23 31	23 37		n.a.
S 4	20 47	20 18	1n17	22 59	1 45	5 6	1 18	17 49	2 23	24 15	0 47	13 10	1 48	10 2	0 25	15 37	1 23	2 31	8 28	23 28	23 32	23 36		n.a.
M 5	20 34	15 36	2 34	22 31	1 40	4 37	1 23	17 54	2 23	24 14	0 47	13 11	1 48	10 2	0 25	15 37	1 23	2 31	8 28	23 28	23 32	23 35		n.a.
T 6	20 21	10 0	3 40	22 0	1 35	4 7	1 28	18 0	2 22	24 13	0 47	13 11	1 49	10 3	0 25	15 37	1 23	2 31	8 28	23 28	23 32	23 33		n.a.
W 7	20 8	3 59	4 30	21 27	1 29	3 37	1 34	18 6	2 22	24 12	0 48	13 12	1 49	10 3	0 25	15 37	1 23	2 32	8 27	23 29	23 32	23 32		n.a.
T 8	19 54	2n 4	5 2	20 52	1 23	3 8	1 39	18 12	2 21	24 11	0 48	13 13	1 49	10 3	0 25	15 37	1 23	2 32	8 27	23 29	23 33	23 31		n.a.
F 9	19 40	7 49	5 15	20 14	1 16	2 38	1 45	18 18	2 21	24 10	0 48	13 13	1 49	10 3	0 25	15 38	1 23	2 32	8 27	23 29	23 33	23 29		n.a.
S 10	19 26	13 1	5 11	19 35	1 8	2 9	1 50	18 24	2 20	24 9	0 48	13 14	1 49	10 3	0 25	15 38	1 23	2 33	8 27	23 29	23 33	23 28		n.a.
S 11	19 11	17 29	4 51	18 53	1 0	1 39	1 56	18 31	2 20	24 8	0 48	13 15	1 49	10 3	0 25	15 38	1 23	2 33	8 27	23 29	23 33	23 26		n.a.
M12	18 56	21 3	4 18	18 10	0 51	1 10	2 2	18 37	2 19	24 7	0 48	13 15	1 49	10 3	0 25	15 38	1 23	2 33	8 26	23 29	23 34	23 25		n.a.
T 13	18 40	23 37	3 34	17 25	0 42	0 41	2 7	18 43	2 19	24 5	0 48	13 16	1 49	10 3	0 25	15 38	1 22	2 34	8 26	23 29	23 34	23 23		n.a.
W14	18 25	25 4	2 41	16 38	0 32	0 12	2 13	18 49	2 18	24 4	0 49	13 16	1 49	10 3	0 25	15 38	1 22	2 34	8 26	23 29	23 34	23 22		n.a.
T 15	18 9	25 22	1 42	15 50	0 21	0n17	2 19	18 56	2 18	24 3	0 49	13 17	1 50	10 3	0 25	15 38	1 22	2 34	8 26	23 29	23 34	23 21		n.a.
F 16	17 53	24 32	0 39	15 1	0 11	0 46	2 24	19 2	2 17	24 2	0 49	13 17	1 50	10 3	0 25	15 38	1 22	2 35	8 25	23 29	23 34	23 19		n.a.
S 17	17 36	22 35	0 s26	14 11	0n 1	1 15	2 30	19 9	2 16	24 0	0 49	13 18	1 50	10 3	0 25	15 38	1 22	2 35	8 25	23 29	23 35	23 18		n.a.
S 18	17 19	19 40	1 29	13 21	0 12	1 43	2 36	19 15	2 16	23 59	0 49	13 18	1 50	10 3	0 25	15 38	1 22	2 36	8 25	23 29	23 35	23 16		n.a.
M19	17 2	15 54	2 30	12 30	0 24	2 12	2 41	19 22	2 15	23 58	0 49	13 19	1 50	10 3	0 25	15 38	1 22	2 36	8 25	23 29	23 35	23 15		n.a.
T 20	16 45	11 28	3 24	11 39	0 36	2 40	2 47	19 28	2 15	23 56	0 49	13 19	1 50	10 3	0 25	15 38	1 22	2 36	8 24	23 29	23 35	23 13		n.a.
W21	16 27	6 32	4 9	10 48	0 48	3 8	2 53	19 35	2 14	23 55	0 50	13 19	1 50	10 3	0 25	15 39	1 22	2 37	8 24	23 30	23 36	23 12		n.a.
T 22	16 9	1 17	4 43	9 58	1 0	3 36	2 59	19 42	2 14	23 54	0 50	13 20	1 50	10 3	0 25	15 39	1 22	2 37	8 24	23 30	23 36	23 10		n.a.
F 23	15 51	4 s 5	5 4	9 9	1 12	4 3	3 4	19 48	2 13	23 52	0 50	13 20	1 51	10 3	0 25	15 39	1 22	2 38	8 24	23 31	23 36	23 9		n.a.
S 24	15 33	9 22	5 11	8 20	1 24	4 30	3 10	19 55	2 13	23 51	0 50	13 20	1 51	10 3	0 25	15 39	1 22	2 38	8 24	23 31	23 36	23 7		n.a.
S 25	15 14	14 20	5 1	7 33	1 36	4 57	3 16	20 2	2 12	23 50	0 50	13 20	1 51	10 3	0 25	15 39	1 22	2 39	8 23	23 32	23 37	23 6		n.a.
M26	14 55	18 44	4 35	6 48	1 48	5 24	3 21	20 8	2 12	23 48	0 50	13 20	1 51	10 2	0 25	15 39	1 22	2 39	8 23	23 32	23 37	23 4		n.a.
T 27	14 36	22 15	3 54	6 5	1 59	5 50	3 27	20 15	2 11	23 47	0 51	13 21	1 51	10 2	0 25	15 40	1 22	2 39	8 23	23 32	23 37	23 3		n.a.
W28	14 s17	24 s33	2 s58	5 s23	2n 9	6n16	3n33	20n22	2n11	23 s45	0 s51	13 s21	1n51	10 s 2	0n25	15n40	1 s22	2n40	8 s23	23 s32	23 s37	23n 1		n.a.

Julian Day Number = 973422.5, Delta T = 13h22m31s
Ecliptic obliquity = 23°55'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'18, Lahiri = -32°11'17 Julian Calendar 1 Feb. 2048 BCE == Greg. Calendar 15 Jan. 2048 BCE

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

MARCH 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 26 12	23♒31'36	19♐31	12♓51	8♈19	21♉ 3	16♑29	9♏58	26°R28	16♉ 0	26♈37	10♑11	8♑54	12♋33	n.a.	T 1
F 2	9 30 8	24°30'03	3♑59	14° 3	9° 9	21°29	16°42	9°58	26♎27	16° 1	26°37	10°R12	8°51	12°39	n.a.	F 2
S 3	9 34 5	25°28'29	18°41	15°10	9°59	21°56	16°54	9°59	26°26	16° 2	26°38	10°12	8°48	12°46	n.a.	S 3
S 4	9 38 2	26°26'52	3♒31	16°11	10°48	22°23	17° 7	9°59	26°25	16° 2	26°39	10°10	8°44	12°53	n.a.	S 4
M 5	9 41 58	27°25'14	18°23	17° 7	11°36	22°50	17°20	9°59	26°25	16° 3	26°40	10° 6	8°41	12°59	n.a.	M 5
T 6	9 45 55	28°23'33	3♓ 9	17°58	12°23	23°18	17°32	9°R59	26°24	16° 4	26°40	10° 0	8°38	13° 6	n.a.	T 6
W 7	9 49 51	29°21'51	17°40	18°42	13° 9	23°45	17°45	9°59	26°23	16° 5	26°41	9°52	8°35	13°12	n.a.	W 7
T 8	9 53 48	0♓20'06	1♈51	19°21	13°54	24°13	17°57	9°59	26°22	16° 5	26°42	9°44	8°32	13°19	n.a.	T 8
F 9	9 57 44	1°18'20	15°36	19°54	14°38	24°41	18°10	9°59	26°21	16° 6	26°43	9°36	8°29	13°26	n.a.	F 9
S 10	10 1 41	2°16'31	28°55	20°22	15°22	25° 9	18°22	9°59	26°20	16° 7	26°44	9°30	8°25	13°32	n.a.	S 10
S 11	10 5 37	3°14'40	11♉48	20°43	16° 4	25°38	18°34	9°58	26°19	16° 8	26°45	9°26	8°22	13°39	n.a.	S 11
M12	10 9 34	4°12'47	24°19	20°59	16°45	26° 6	18°46	9°58	26°18	16° 9	26°46	9°23	8°19	13°46	n.a.	M12
T 13	10 13 30	5°10'52	6♊30	21° 9	17°26	26°35	18°58	9°57	26°16	16°10	26°47	9°D23	8°16	13°52	n.a.	T 13
W14	10 17 27	6° 8'55	18°28	21°R13	18° 5	27° 4	19°10	9°57	26°15	16°11	26°48	9°23	8°13	13°59	n.a.	W14
T 15	10 21 24	7° 6'55	0♋18	21°12	18°43	27°33	19°22	9°56	26°14	16°12	26°49	9°24	8°10	14° 6	n.a.	T 15
F 16	10 25 20	8° 4'54	12° 5	21° 5	19°19	28° 2	19°34	9°55	26°13	16°13	26°50	9°R25	8° 6	14°12	n.a.	F 16
S 17	10 29 17	9° 2'51	23°54	20°54	19°55	28°31	19°46	9°54	26°11	16°14	26°51	9°23	8° 3	14°19	n.a.	S 17
S 18	10 33 13	10° 0'45	5♌49	20°38	20°29	29° 1	19°57	9°53	26°10	16°15	26°52	9°20	8° 0	14°26	n.a.	S 18
M19	10 37 10	10°58'38	17°53	20°17	21° 1	29°30	20° 9	9°52	26° 8	16°16	26°53	9°14	7°57	14°32	n.a.	M19
T 20	10 41 6	11°56'29	0♍ 9	19°52	21°33	29°59	20°20	9°51	26° 7	16°17	26°54	9° 6	7°54	14°39	n.a.	T 20
W21	10 45 3	12°54'17	12°38	19°24	22° 2	0♊30	20°31	9°49	26° 5	16°18	26°55	8°56	7°50	14°46	n.a.	W21
T 22	10 48 59	13°52'05	25°21	18°53	22°30	1° 0	20°43	9°48	26° 4	16°20	26°56	8°45	7°47	14°52	n.a.	T 22
F 23	10 52 56	14°49'50	8♎18	18°20	22°57	1°30	20°54	9°46	26° 2	16°21	26°57	8°34	7°44	14°59	n.a.	F 23
S 24	10 56 52	15°47'35	21°27	17°45	23°22	2° 1	21° 5	9°45	26° 0	16°22	26°58	8°24	7°41	15° 5	n.a.	S 24
S 25	11 0 49	16°45'17	4♏48	17° 8	23°45	2°31	21°16	9°43	25°59	16°23	26°59	8°15	7°38	15°12	n.a.	S 25
M26	11 4 46	17°42'59	18°20	16°31	24° 7	3° 2	21°27	9°41	25°57	16°25	27° 0	8°10	7°35	15°19	n.a.	M26
T 27	11 8 42	18°40'39	2♐ 2	15°55	24°27	3°32	21°38	9°39	25°55	16°26	27° 1	8° 7	7°31	15°25	n.a.	T 27
W28	11 12 39	19°38'18	15°55	15°19	24°44	4° 3	21°48	9°37	25°54	16°27	27° 2	8°D 6	7°28	15°32	n.a.	W28
T 29	11 16 35	20°35'56	29°58	14°44	25° 0	4°34	21°59	9°35	25°52	16°29	27° 4	8° 6	7°25	15°39	n.a.	T 29
F 30	11 20 32	21°33'33	14♑11	14°12	25°14	5° 5	22°10	9°33	25°50	16°30	27° 5	8°R 6	7°22	15°45	n.a.	F 30
S 31	11 24 28	22♓31'08	28♑33	13♓42	25♈26	5♊37	22♑20	9♏31	25♎48	16♉32	27♈ 6	8♑ 4	7♑19	15♋52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	13s57	25s20	1s50	4s44	2n19	6n42	3n38	20n28	2n10	23s44	0s51	13s21	1n51	10s 2	0n25	15n40	1s22	2n40	8s22	23s32	23s37	23n 0		n.a.	T 1
F 2	13 37	24 26	0 34	4 7	2 29	7 7	3 44	20 35	2 10	23 42	0 51	13 21	1 51	10 1	0 25	15 40	1 21	2 41	8 22	23 32	23 38	22 58		n.a.	F 2
S 3	13 17	21 50	0n46	3 33	2 38	7 32	3 49	20 42	2 9	23 41	0 51	13 21	1 52	10 1	0 25	15 41	1 21	2 41	8 22	23 32	23 38	22 57		n.a.	S 3
S 4	12 57	17 47	2 3	3 1	2 46	7 57	3 55	20 48	2 8	23 40	0 51	13 21	1 52	10 1	0 25	15 41	1 21	2 42	8 22	23 32	23 38	22 55		n.a.	S 4
M 5	12 37	12 36	3 11	2 32	2 53	8 21	4 0	20 55	2 8	23 38	0 52	13 21	1 52	10 1	0 25	15 41	1 21	2 42	8 22	23 32	23 38	22 54		n.a.	M 5
T 6	12 16	6 44	4 7	2 6	3 0	8 45	4 6	21 2	2 7	23 37	0 52	13 21	1 52	10 0	0 25	15 41	1 21	2 43	8 21	23 33	23 39	22 52		n.a.	T 6
W 7	11 56	0 37	4 45	1 44	3 5	9 8	4 11	21 8	2 7	23 35	0 52	13 20	1 52	10 0	0 25	15 42	1 21	2 43	8 21	23 33	23 39	22 51		n.a.	W 7
T 8	11 35	5n23	5 4	1 24	3 10	9 31	4 16	21 15	2 6	23 34	0 52	13 20	1 52	9 59	0 25	15 42	1 21	2 44	8 21	23 34	23 39	22 49		n.a.	T 8
F 9	11 14	10 57	5 6	1 8	3 13	9 53	4 22	21 21	2 6	23 32	0 52	13 20	1 52	9 59	0 25	15 42	1 21	2 44	8 21	23 34	23 39	22 48		n.a.	F 9
S 10	10 53	15 49	4 50	0 55	3 15	10 15	4 27	21 28	2 5	23 31	0 53	13 20	1 52	9 59	0 25	15 42	1 21	2 45	8 21	23 35	23 39	22 46		n.a.	S 10
S 11	10 31	19 48	4 20	0 45	3 17	10 37	4 32	21 34	2 5	23 29	0 53	13 20	1 53	9 58	0 25	15 43	1 21	2 45	8 20	23 35	23 40	22 44		n.a.	S 11
M12	10 10	22 45	3 38	0 39	3 17	10 57	4 37	21 41	2 4	23 28	0 53	13 19	1 53	9 58	0 25	15 43	1 21	2 46	8 20	23 35	23 40	22 43		n.a.	M12
T 13	9 48	24 35	2 47	0 36	3 15	11 18	4 42	21 47	2 4	23 26	0 53	13 19	1 53	9 57	0 25	15 43	1 21	2 46	8 20	23 35	23 40	22 41		n.a.	T 13
W14	9 26	25 15	1 50	0 36	3 13	11 37	4 46	21 54	2 3	23 24	0 53	13 19	1 53	9 57	0 25	15 44	1 21	2 47	8 20	23 35	23 40	22 40		n.a.	W14
T 15	9 5	24 44	0 49	0 40	3 9	11 56	4 51	22 0	2 3	23 23	0 54	13 18	1 53	9 56	0 25	15 44	1 21	2 47	8 20	23 35	23 40	22 38		n.a.	T 15
F 16	8 43	23 8	0s14	0 48	3 4	12 15	4 55	22 6	2 2	23 21	0 54	13 18	1 53	9 56	0 25	15 44	1 21	2 48	8 20	23 35	23 41	22 37		n.a.	F 16
S 17	8 20	20 30	1 17	0 58	2 58	12 33	5 0	22 13	2 2	23 20	0 54	13 18	1 53	9 55	0 25	15 45	1 21	2 48	8 19	23 35	23 41	22 35		n.a.	S 17
S 18	7 58	17 0	2 17	1 12	2 50	12 50	5 4	22 19	2 1	23 18	0 54	13 17	1 53	9 55	0 25	15 45	1 21	2 49	8 19	23 36	23 41	22 33		n.a.	S 18
M19	7 36	12 46	3 11	1 28	2 41	13 6	5 8	22 25	2 1	23 17	0 54	13 17	1 53	9 54	0 25	15 46	1 21	2 49	8 19	23 36	23 41	22 32		n.a.	M19
T 20	7 13	7 58	3 57	1 48	2 30	13 22	5 12	22 31	2 0	23 15	0 55	13 16	1 54	9 54	0 25	15 46	1 21	2 50	8 19	23 37	23 41	22 30		n.a.	T 20
W21	6 51	2 46	4 32	2 9	2 19	13 37	5 16	22 37	1 59	23 14	0 55	13 16	1 54	9 53	0 25	15 46	1 20	2 50	8 19	23 37	23 42	22 29		n.a.	W21
T 22	6 28	2s37	4 55	2 33	2 6	13 51	5 20	22 43	1 59	23 12	0 55	13 15	1 54	9 53	0 25	15 47	1 20	2 51	8 18	23 38	23 42	22 27		n.a.	T 22
F 23	6 6	7 58	5 3	2 59	1 53	14 5	5 23	22 49	1 58	23 11	0 55	13 15	1 54	9 52	0 25	15 47	1 20	2 51	8 18	23 39	23 42	22 25		n.a.	F 23
S 24	5 43	13 4	4 55	3 26	1 38	14 17	5 26	22 55	1 58	23 9	0 56	13 14	1 54	9 51	0 25	15 47	1 20	2 52	8 18	23 39	23 42	22 24		n.a.	S 24
S 25	5 20	17 38	4 31	3 55	1 23	14 29	5 29	23 0	1 57	23 8	0 56	13 13	1 54	9 51	0 25	15 48	1 20	2 53	8 18	23 40	23 42	22 22		n.a.	S 25
M26	4 57	21 21	3 52	4 24	1 7	14 40	5 32	23 6	1 57	23 6	0 56	13 13	1 54	9 50	0 25	15 48	1 20	2 53	8 18	23 40	23 42	22 20		n.a.	M26
T 27	4 34	23 55	2 59	4 53	0 51	14 49	5 34	23 12	1 56	23 5	0 56	13 12	1 54	9 50	0 25	15 49	1 20	2 54	8 18	23 41	23 43	22 19		n.a.	T 27
W28	4 11	25 4	1 55	5 23	0 34	14 58	5 37	23 17	1 56	23 3	0 56	13 11	1 54	9 49	0 25	15 49	1 20	2 54	8 17	23 41	23 43	22 17		n.a.	W28
T 29	3 48	24 39	0 43	5 52	0 17	15 6	5 39	23 23	1 55	23 2	0 57	13 11	1 54	9 48	0 25	15 50	1 20	2 55	8 17	23 41	23 43	22 15		n.a.	T 29
F 30	3 25	22 37	0n32	6 20	0 1	15 13	5 40	23 28	1 55	23 0	0 57	13 10	1 54	9 48	0 25	15 50	1 20	2 55	8 17	23 41	23 43	22 14		n.a.	F 30
S 31	3s 2	19s 8	1n46	6s47	0s16	15n19	5n42	23n33	1n54	22s59	0s57	13s 9	1n55	9s47	0n25	15n51	1s20	2n56	8s17	23s41	23s43	22n12		n.a.	S 31

Julian Day Number = 973450.5, Delta T = 13h22m29s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'14, Lahiri = -32°11'14 Julian Calendar 1 March 2048 BCE == Greg. Calendar 12 Feb. 2048 BCE

The year -2047 astronomical counting style corresponds to year 2048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

APRIL 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 28 25	23♓28'42	13♒ 0	13°R15	25♈36	6♊ 8	22♑30	9°R29	25°R46	16♉33	27♈ 7	8°R 1	7♑15	15♋59	n.a.	S 1
M 2	11 32 21	24°26'15	27°28	12♓51	25°43	6°40	22°40	9♏26	25♎44	16°35	27° 8	7♑55	7°12	16° 5	n.a.	M 2
T 3	11 36 18	25°23'47	11♓52	12°31	25°49	7°11	22°50	9°24	25°42	16°36	27°10	7°46	7° 9	16°12	n.a.	T 3
W 4	11 40 15	26°21'18	26° 6	12°15	25°52	7°43	23° 0	9°21	25°40	16°38	27°11	7°35	7° 6	16°19	n.a.	W 4
T 5	11 44 11	27°18'47	10♈ 4	12° 3	25°R53	8°15	23°10	9°19	25°38	16°39	27°12	7°23	7° 3	16°25	n.a.	T 5
F 6	11 48 8	28°16'15	23°41	11°55	25°51	8°47	23°20	9°16	25°36	16°41	27°13	7°12	7° 0	16°32	n.a.	F 6
S 7	11 52 4	29°13'41	6♉56	11°D52	25°47	9°19	23°30	9°13	25°34	16°42	27°15	7° 2	6°56	16°39	n.a.	S 7
S 8	11 56 1	0♈11'06	19°47	11°53	25°41	9°51	23°39	9°10	25°32	16°44	27°16	6°55	6°53	16°45	n.a.	S 8
M 9	11 59 57	1° 8'30	2♊18	11°59	25°32	10°23	23°48	9° 7	25°30	16°46	27°17	6°50	6°50	16°52	n.a.	M 9
T 10	12 3 54	2° 5'53	14°30	12°10	25°21	10°56	23°58	9° 4	25°28	16°47	27°18	6°47	6°47	16°58	n.a.	T 10
W11	12 7 50	3° 3'14	26°29	12°25	25° 8	11°28	24° 7	9° 1	25°25	16°49	27°20	6°46	6°44	17° 5	n.a.	W11
T 12	12 11 47	4° 0'33	8♋20	12°44	24°52	12° 1	24°16	8°58	25°23	16°51	27°21	6°46	6°41	17°12	n.a.	T 12
F 13	12 15 44	4°57'52	20° 8	13° 8	24°34	12°34	24°25	8°55	25°21	16°52	27°22	6°46	6°37	17°18	n.a.	F 13
S 14	12 19 40	5°55'09	1♌59	13°36	24°13	13° 7	24°34	8°52	25°19	16°54	27°24	6°44	6°34	17°25	n.a.	S 14
S 15	12 23 37	6°52'24	13°58	14° 8	23°50	13°40	24°42	8°49	25°16	16°56	27°25	6°40	6°31	17°32	n.a.	S 15
M16	12 27 33	7°49'39	26° 9	14°44	23°25	14°13	24°51	8°45	25°14	16°58	27°26	6°34	6°28	17°38	n.a.	M16
T 17	12 31 30	8°46'52	8♍35	15°24	22°58	14°46	24°59	8°42	25°12	17° 0	27°28	6°25	6°25	17°45	n.a.	T 17
W18	12 35 26	9°44'05	21°18	16° 8	22°29	15°19	25° 7	8°38	25°10	17° 1	27°29	6°14	6°21	17°52	n.a.	W18
T 19	12 39 23	10°41'16	4♎18	16°56	21°58	15°52	25°15	8°35	25° 7	17° 3	27°30	6° 2	6°18	17°58	n.a.	T 19
F 20	12 43 19	11°38'26	17°36	17°48	21°26	16°26	25°23	8°31	25° 5	17° 5	27°32	5°49	6°15	18° 5	n.a.	F 20
S 21	12 47 16	12°35'36	1♏ 8	18°43	20°52	16°59	25°31	8°27	25° 2	17° 7	27°33	5°38	6°12	18°12	n.a.	S 21
S 22	12 51 12	13°32'45	14°53	19°42	20°17	17°33	25°39	8°24	25° 0	17° 9	27°35	5°29	6° 9	18°18	n.a.	S 22
M23	12 55 9	14°29'54	28°46	20°44	19°41	18° 7	25°46	8°20	24°58	17°11	27°36	5°23	6° 6	18°25	n.a.	M23
T 24	12 59 6	15°27'02	12♐46	21°49	19° 4	18°40	25°54	8°16	24°55	17°13	27°37	5°19	6° 2	18°32	n.a.	T 24
W25	13 3 2	16°24'10	26°49	22°58	18°27	19°14	26° 1	8°12	24°53	17°15	27°39	5°18	5°59	18°38	n.a.	W25
T 26	13 6 59	17°21'17	10♑56	24°10	17°49	19°48	26° 8	8° 8	24°50	17°17	27°40	5°18	5°56	18°45	n.a.	T 26
F 27	13 10 55	18°18'24	25° 4	25°25	17°12	20°22	26°15	8° 4	24°48	17°19	27°42	5°17	5°53	18°51	n.a.	F 27
S 28	13 14 52	19°15'31	9♒12	26°44	16°34	20°57	26°22	8° 0	24°46	17°21	27°43	5°16	5°50	18°58	n.a.	S 28
S 29	13 18 48	20°12'37	23°20	28° 5	15°57	21°31	26°29	7°56	24°43	17°23	27°44	5°13	5°46	19° 5	n.a.	S 29
M30	13 22 45	21♈ 9'43	7♓24	29♓30	15♈20	22♊ 5	26♑35	7♏52	24♎41	17♉25	27♈46	5♑ 7	5♑43	19♋11	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s38	14s29	2n54	7s13	0s32	15n23	5n43	23n38	1n54	22s57	0s57	13s 8	1n55	9s46	0n25	15n51	1s20	2n56	8s17	23s41	23s44	22n10		n.a.
M 2	2 15	9 0	3 50	7 36	0 48	15 27	5 43	23 43	1 53	22 56	0 58	13 7	1 55	9 45	0 25	15 52	1 20	2 57	8 17	23 41	23 44	22 9		n.a.
T 3	1 52	3 5	4 31	7 58	1 3	15 29	5 43	23 48	1 53	22 54	0 58	13 6	1 55	9 45	0 25	15 52	1 20	2 58	8 17	23 42	23 44	22 7		n.a.
W 4	1 29	2n55	4 55	8 18	1 18	15 30	5 43	23 53	1 52	22 53	0 58	13 6	1 55	9 44	0 25	15 53	1 20	2 58	8 16	23 42	23 44	22 5		n.a.
T 5	1 5	8 39	5 1	8 35	1 32	15 30	5 43	23 58	1 52	22 51	0 58	13 5	1 55	9 43	0 25	15 53	1 20	2 59	8 16	23 43	23 44	22 4		n.a.
F 6	0 42	13 50	4 49	8 51	1 45	15 28	5 42	24 3	1 51	22 50	0 59	13 4	1 55	9 42	0 25	15 54	1 20	2 59	8 16	23 44	23 44	22 2		n.a.
S 7	0 19	18 13	4 22	9 3	1 57	15 25	5 40	24 7	1 51	22 48	0 59	13 3	1 55	9 42	0 25	15 54	1 20	3 0	8 16	23 44	23 45	22 0		n.a.
S 8	0n 5	21 36	3 42	9 13	2 9	15 21	5 38	24 12	1 50	22 47	0 59	13 2	1 55	9 41	0 25	15 55	1 20	3 1	8 16	23 45	23 45	21 59		n.a.
M 9	0 28	23 51	2 52	9 20	2 19	15 15	5 36	24 16	1 50	22 45	0 59	13 1	1 55	9 40	0 25	15 55	1 20	3 1	8 16	23 45	23 45	21 57		n.a.
T 10	0 51	24 55	1 55	9 25	2 28	15 8	5 32	24 20	1 49	22 44	1 0	13 0	1 55	9 39	0 25	15 56	1 20	3 2	8 16	23 45	23 45	21 55		n.a.
W11	1 14	24 47	0 54	9 27	2 37	15 0	5 29	24 25	1 49	22 43	1 0	12 59	1 55	9 38	0 25	15 56	1 20	3 2	8 16	23 45	23 45	21 54		n.a.
T 12	1 38	23 31	0s 8	9 26	2 45	14 50	5 25	24 29	1 48	22 41	1 0	12 58	1 55	9 38	0 25	15 57	1 19	3 3	8 15	23 45	23 45	21 52		n.a.
F 13	2 1	21 14	1 10	9 23	2 51	14 38	5 20	24 33	1 48	22 40	1 0	12 57	1 55	9 37	0 25	15 57	1 19	3 3	8 15	23 45	23 46	21 50		n.a.
S 14	2 24	18 1	2 9	9 17	2 57	14 26	5 14	24 36	1 47	22 39	1 1	12 55	1 55	9 36	0 25	15 58	1 19	3 4	8 15	23 45	23 46	21 48		n.a.
S 15	2 47	14 3	3 3	9 9	3 2	14 11	5 8	24 40	1 47	22 37	1 1	12 54	1 56	9 35	0 25	15 58	1 19	3 5	8 15	23 45	23 46	21 47		n.a.
M16	3 10	9 28	3 50	8 59	3 6	13 56	5 2	24 44	1 46	22 36	1 1	12 53	1 56	9 34	0 25	15 59	1 19	3 5	8 15	23 46	23 46	21 45		n.a.
T 17	3 33	4 25	4 26	8 45	3 9	13 39	4 54	24 47	1 45	22 35	1 1	12 52	1 56	9 33	0 25	15 59	1 19	3 6	8 15	23 46	23 46	21 43		n.a.
W18	3 56	0s55	4 51	8 30	3 11	13 20	4 46	24 50	1 45	22 33	1 2	12 51	1 56	9 33	0 25	16 0	1 19	3 6	8 15	23 47	23 46	21 41		n.a.
T 19	4 19	6 19	5 0	8 12	3 12	13 0	4 38	24 54	1 44	22 32	1 2	12 50	1 56	9 32	0 25	16 1	1 19	3 7	8 15	23 47	23 47	21 40		n.a.
F 20	4 42	11 33	4 54	7 52	3 13	12 40	4 29	24 57	1 44	22 31	1 2	12 48	1 56	9 31	0 25	16 1	1 19	3 7	8 15	23 48	23 47	21 38		n.a.
S 21	5 4	16 20	4 32	7 30	3 13	12 17	4 19	25 0	1 43	22 30	1 3	12 47	1 56	9 30	0 25	16 2	1 19	3 8	8 14	23 48	23 47	21 36		n.a.
S 22	5 27	20 20	3 53	7 5	3 11	11 54	4 9	25 2	1 43	22 29	1 3	12 46	1 56	9 29	0 25	16 2	1 19	3 9	8 14	23 49	23 47	21 34		n.a.
M23	5 50	23 13	3 0	6 38	3 10	11 30	3 58	25 5	1 42	22 27	1 3	12 45	1 56	9 28	0 25	16 3	1 19	3 9	8 14	23 49	23 47	21 33		n.a.
T 24	6 12	24 43	1 56	6 10	3 7	11 6	3 46	25 8	1 42	22 26	1 3	12 44	1 56	9 27	0 25	16 3	1 19	3 10	8 14	23 49	23 47	21 31		n.a.
W25	6 35	24 38	0 45	5 39	3 4	10 40	3 34	25 10	1 41	22 25	1 4	12 42	1 56	9 26	0 25	16 4	1 19	3 10	8 14	23 49	23 47	21 29		n.a.
T 26	6 57	22 58	0n30	5 6	3 0	10 14	3 22	25 12	1 41	22 24	1 4	12 41	1 56	9 25	0 25	16 5	1 19	3 11	8 14	23 49	23 48	21 27		n.a.
F 27	7 19	19 52	1 43	4 31	2 55	9 47	3 9	25 14	1 40	22 23	1 4	12 40	1 56	9 25	0 25	16 5	1 19	3 11	8 14	23 49	23 48	21 25		n.a.
S 28	7 41	15 36	2 49	3 55	2 50	9 21	2 56	25 16	1 40	22 22	1 5	12 38	1 56	9 24	0 25	16 6	1 19	3 12	8 14	23 49	23 48	21 24		n.a.
S 29	8 3	10 28	3 46	3 16	2 44	8 54	2 43	25 18	1 39	22 21	1 5	12 37	1 56	9 23	0 25	16 6	1 19	3 13	8 14	23 49	23 48	21 22		n.a.
M30	8n25	4s50	4n28	2s36	2s37	8n27	2n29	25n20	1n39	22s20	1s 5	12s36	1n56	9s22	0n25	16n 7	1s19	3n13	8s14	23s50	23s48	21n20		n.a.

Julian Day Number = 973481.5, Delta T = 13h22m27s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'10, Lahiri = -32°11'09 Julian Calendar 1 Apr. 2048 BCE == Greg. Calendar 15 March 2048 BCE

The year -2047 astronomical counting style corresponds to year 2048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

MAY 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 26 42	22♈ 6'49	21♓23	0♈57	14°R45	22♊39	26♑42	7°R48	24°R38	17♉27	27♈47	4°R58	5♑40	19♋18	n.a.	T 1
W 2	13 30 38	23° 3'55	5♈12	2°28	14♈10	23°14	26°48	7♏44	24♎36	17°29	27°49	4♑48	5°37	19°25	n.a.	W 2
T 3	13 34 35	24° 1'00	18°47	4° 1	13°37	23°49	26°54	7°40	24°33	17°31	27°50	4°37	5°34	19°31	n.a.	T 3
F 4	13 38 31	24°58'05	2♉ 7	5°38	13° 5	24°23	27° 0	7°35	24°31	17°33	27°51	4°26	5°31	19°38	n.a.	F 4
S 5	13 42 28	25°55'09	15° 8	7°17	12°35	24°58	27° 6	7°31	24°28	17°35	27°53	4°16	5°27	19°45	n.a.	S 5
S 6	13 46 24	26°52'14	27°51	8°59	12° 6	25°33	27°11	7°27	24°26	17°37	27°54	4° 9	5°24	19°51	n.a.	S 6
M 7	13 50 21	27°49'18	10♊16	10°44	11°40	26° 8	27°16	7°23	24°24	17°39	27°56	4° 4	5°21	19°58	n.a.	M 7
T 8	13 54 18	28°46'21	22°25	12°32	11°15	26°43	27°22	7°18	24°21	17°41	27°57	4° 2	5°18	20° 5	n.a.	T 8
W 9	13 58 14	29°43'24	4♋23	14°23	10°53	27°18	27°27	7°14	24°19	17°44	27°59	4°D 1	5°15	20°11	n.a.	W 9
T 10	14 2 11	0♉40'27	16°14	16°16	10°33	27°53	27°32	7°10	24°16	17°46	28° 0	4° 1	5°12	20°18	n.a.	T 10
F 11	14 6 7	1°37'29	28° 3	18°12	10°15	28°28	27°36	7° 5	24°14	17°48	28° 1	4°R 2	5° 8	20°25	n.a.	F 11
S 12	14 10 4	2°34'31	9♌55	20°10	9°59	29° 3	27°41	7° 1	24°11	17°50	28° 3	4° 2	5° 5	20°31	n.a.	S 12
S 13	14 14 0	3°31'33	21°55	22°10	9°46	29°39	27°45	6°57	24° 9	17°52	28° 4	4° 0	5° 2	20°38	n.a.	S 13
M14	14 17 57	4°28'34	4♍ 9	24°12	9°35	0♋14	27°50	6°52	24° 7	17°54	28° 6	3°56	4°59	20°45	n.a.	M14
T 15	14 21 53	5°25'35	16°40	26°17	9°27	0°50	27°54	6°48	24° 4	17°57	28° 7	3°50	4°56	20°51	n.a.	T 15
W16	14 25 50	6°22'36	29°32	28°22	9°21	1°25	27°57	6°43	24° 2	17°59	28° 8	3°42	4°52	20°58	n.a.	W16
T 17	14 29 47	7°19'36	12♎45	0♉30	9°17	2° 1	28° 1	6°39	23°59	18° 1	28°10	3°33	4°49	21° 4	n.a.	T 17
F 18	14 33 43	8°16'37	26°20	2°38	9°D16	2°37	28° 5	6°35	23°57	18° 3	28°11	3°24	4°46	21°11	n.a.	F 18
S 19	14 37 40	9°13'38	10♏13	4°47	9°17	3°13	28° 8	6°30	23°55	18° 5	28°13	3°16	4°43	21°18	n.a.	S 19
S 20	14 41 36	10°10'39	24°22	6°56	9°20	3°49	28°11	6°26	23°52	18° 8	28°14	3° 9	4°40	21°24	n.a.	S 20
M21	14 45 33	11° 7'41	8♐40	9° 6	9°26	4°24	28°14	6°22	23°50	18°10	28°15	3° 5	4°37	21°31	n.a.	M21
T 22	14 49 29	12° 4'43	23° 4	11°16	9°33	5° 0	28°17	6°17	23°48	18°12	28°17	3° 2	4°33	21°38	n.a.	T 22
W23	14 53 26	13° 1'45	7♑28	13°26	9°43	5°37	28°19	6°13	23°46	18°14	28°18	3°D 2	4°30	21°44	n.a.	W23
T 24	14 57 23	13°58'48	21°48	15°35	9°55	6°13	28°22	6° 9	23°43	18°16	28°20	3° 3	4°27	21°51	n.a.	T 24
F 25	15 1 19	14°55'52	6♒ 2	17°43	10° 9	6°49	28°24	6° 4	23°41	18°19	28°21	3° 4	4°24	21°58	n.a.	F 25
S 26	15 5 16	15°52'56	20° 9	19°50	10°25	7°25	28°26	6° 0	23°39	18°21	28°22	3°R 4	4°21	22° 4	n.a.	S 26
S 27	15 9 12	16°50'01	4♓ 6	21°56	10°43	8° 2	28°28	5°56	23°37	18°23	28°24	3° 3	4°18	22°11	n.a.	S 27
M28	15 13 9	17°47'07	17°54	24° 1	11° 3	8°38	28°30	5°51	23°35	18°25	28°25	3° 0	4°14	22°18	n.a.	M28
T 29	15 17 5	18°44'13	1♈30	26° 4	11°24	9°15	28°31	5°47	23°32	18°28	28°26	2°55	4°11	22°24	n.a.	T 29
W30	15 21 2	19°41'21	14°55	28° 6	11°48	9°51	28°32	5°43	23°30	18°30	28°28	2°48	4° 8	22°31	n.a.	W30
T 31	15 24 58	20♉38'29	28♈ 6	0♊ 7	12♈12	10♋28	28♑33	5♏39	23♎28	18♉32	28♈29	2♑41	4♑ 5	22♋38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	8n47	1n 0	4n54	1s54	2s30	8n 0	2n16	25n21	1n38	22s19	1s 5	12s34	1n56	9s21	0n25	16n 8	1s19	3n14	8s14	23s50	23s48	21n18			n.a.
W 2	9 9	6 42	5 2	1 10	2 23	7 34	2 2	25 23	1 38	22 18	1 6	12 33	1 56	9 20	0 25	16 8	1 19	3 14	8 14	23 50	23 48	21 16			n.a.
T 3	9 30	12 0	4 53	0 25	2 14	7 8	1 48	25 24	1 37	22 17	1 6	12 32	1 56	9 19	0 25	16 9	1 19	3 15	8 14	23 51	23 49	21 15			n.a.
F 4	9 51	16 38	4 28	0n22	2 6	6 42	1 34	25 25	1 37	22 16	1 6	12 30	1 56	9 18	0 25	16 9	1 19	3 15	8 14	23 51	23 49	21 13			n.a.
S 5	10 13	20 21	3 49	1 10	1 57	6 17	1 20	25 26	1 36	22 15	1 7	12 29	1 56	9 17	0 25	16 10	1 19	3 16	8 13	23 52	23 49	21 11			n.a.
S 6	10 34	23 0	3 0	2 0	1 47	5 53	1 6	25 27	1 36	22 15	1 7	12 28	1 56	9 16	0 25	16 11	1 19	3 17	8 13	23 52	23 49	21 9			n.a.
M 7	10 55	24 28	2 3	2 51	1 37	5 30	0 52	25 27	1 35	22 14	1 7	12 26	1 56	9 15	0 25	16 11	1 19	3 17	8 13	23 52	23 49	21 7			n.a.
T 8	11 15	24 44	1 2	3 43	1 27	5 8	0 39	25 28	1 35	22 13	1 8	12 25	1 56	9 15	0 25	16 12	1 19	3 18	8 13	23 52	23 49	21 6			n.a.
W 9	11 36	23 49	0s 2	4 37	1 16	4 47	0 26	25 28	1 34	22 12	1 8	12 23	1 56	9 14	0 25	16 13	1 19	3 18	8 13	23 52	23 49	21 4			n.a.
T 10	11 57	21 51	1 5	5 31	1 6	4 27	0 13	25 28	1 34	22 12	1 8	12 22	1 56	9 13	0 25	16 13	1 19	3 19	8 13	23 52	23 50	21 2			n.a.
F 11	12 17	18 56	2 5	6 26	0 55	4 8	0s 0	25 28	1 33	22 11	1 9	12 21	1 56	9 12	0 25	16 14	1 19	3 19	8 13	23 52	23 50	21 0			n.a.
S 12	12 37	15 15	3 0	7 22	0 44	3 51	0 12	25 28	1 33	22 11	1 9	12 19	1 56	9 11	0 25	16 14	1 19	3 20	8 13	23 52	23 50	20 58			n.a.
S 13	12 57	10 54	3 47	8 18	0 32	3 34	0 25	25 28	1 32	22 10	1 9	12 18	1 55	9 10	0 25	16 15	1 19	3 20	8 13	23 52	23 50	20 56			n.a.
M14	13 16	6 4	4 26	9 15	0 21	3 19	0 36	25 27	1 32	22 9	1 10	12 16	1 55	9 9	0 25	16 16	1 18	3 21	8 13	23 52	23 50	20 54			n.a.
T 15	13 36	0 54	4 52	10 11	0 10	3 5	0 48	25 27	1 31	22 9	1 10	12 15	1 55	9 8	0 25	16 16	1 18	3 21	8 13	23 52	23 50	20 53			n.a.
W16	13 55	4s27	5 5	11 8	0n 1	2 53	0 59	25 26	1 30	22 8	1 10	12 14	1 55	9 7	0 25	16 17	1 18	3 22	8 13	23 53	23 50	20 51			n.a.
T 17	14 14	9 45	5 2	12 3	0 12	2 42	1 9	25 25	1 30	22 8	1 11	12 12	1 55	9 7	0 25	16 18	1 18	3 22	8 13	23 53	23 50	20 49			n.a.
F 18	14 33	14 43	4 42	12 59	0 22	2 32	1 19	25 24	1 29	22 8	1 11	12 11	1 55	9 6	0 25	16 18	1 18	3 23	8 13	23 53	23 50	20 47			n.a.
S 19	14 52	19 3	4 5	13 53	0 32	2 23	1 29	25 22	1 29	22 7	1 11	12 9	1 55	9 5	0 25	16 19	1 18	3 23	8 13	23 53	23 51	20 45			n.a.
S 20	15 10	22 21	3 12	14 46	0 42	2 16	1 39	25 21	1 28	22 7	1 12	12 8	1 55	9 4	0 25	16 20	1 18	3 24	8 13	23 53	23 51	20 43			n.a.
M21	15 28	24 18	2 7	15 38	0 51	2 10	1 48	25 19	1 28	22 7	1 12	12 7	1 55	9 3	0 25	16 20	1 18	3 24	8 13	23 54	23 51	20 41			n.a.
T 22	15 46	24 38	0 53	16 28	1 0	2 5	1 56	25 17	1 27	22 6	1 12	12 5	1 55	9 2	0 25	16 21	1 18	3 25	8 13	23 54	23 51	20 39			n.a.
W23	16 4	23 19	0n24	17 16	1 8	2 2	2 4	25 15	1 27	22 6	1 13	12 4	1 55	9 1	0 25	16 21	1 18	3 25	8 13	23 54	23 51	20 37			n.a.
T 24	16 22	20 29	1 40	18 3	1 16	1 59	2 12	25 13	1 26	22 6	1 13	12 3	1 55	9 1	0 25	16 22	1 18	3 26	8 13	23 54	23 51	20 36			n.a.
F 25	16 39	16 26	2 49	18 47	1 23	1 58	2 20	25 11	1 26	22 6	1 13	12 1	1 55	9 0	0 25	16 23	1 18	3 26	8 13	23 54	23 51	20 34			n.a.
S 26	16 56	11 29	3 47	19 29	1 29	1 58	2 27	25 8	1 25	22 6	1 14	12 0	1 54	8 59	0 25	16 23	1 18	3 27	8 13	23 54	23 51	20 32			n.a.
S 27	17 12	6 1	4 31	20 9	1 35	1 59	2 33	25 5	1 25	22 6	1 14	11 58	1 54	8 58	0 25	16 24	1 18	3 27	8 13	23 54	23 51	20 30			n.a.
M28	17 29	0 19	4 58	20 46	1 40	2 1	2 40	25 2	1 24	22 6	1 14	11 57	1 54	8 57	0 25	16 25	1 18	3 28	8 13	23 54	23 52	20 28			n.a.
T 29	17 45	5n19	5 9	21 21	1 44	2 4	2 46	24 59	1 24	22 6	1 15	11 56	1 54	8 57	0 25	16 25	1 18	3 28	8 13	23 54	23 52	20 26			n.a.
W30	18 1	10 37	5 2	21 53	1 48	2 8	2 51	24 56	1 23	22 6	1 15	11 55	1 54	8 56	0 25	16 26	1 18	3 29	8 13	23 54	23 52	20 24			n.a.
T 31	18n17	15n21	4n39	22n23	1n51	2n13	2s57	24n53	1n23	22s 6	1s15	11s53	1n54	8s55	0n25	16n27	1s18	3n29	8s13	23s54	23s52	20n22			n.a.

Julian Day Number = 973511.5, Delta T = 13h22m25s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'06, Lahiri = -32°11'05 Julian Calendar 1 May 2048 BCE == Greg. Calendar 14 Apr. 2048 BCE

The year -2047 astronomical counting style corresponds to year 2048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

JUNE 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 28 55	21♉35'37	11♉ 3	2♊ 5	12♈39	11♋ 5	28♑34	5°R35	23°R26	18♉34	28♈30	2°R34	4♑ 2	22♋44	n.a.	F 1
S 2	15 32 52	22°32'47	23°46	4° 2	13° 7	11°42	28°35	5♏31	23♎24	18°36	28°32	2♑28	3°58	22°51	n.a.	S 2
S 3	15 36 48	23°29'57	6♊15	5°58	13°37	12°18	28°35	5°26	23°22	18°39	28°33	2°24	3°55	22°58	n.a.	S 3
M 4	15 40 45	24°27'08	18°30	7°51	14° 7	12°55	28°36	5°22	23°20	18°41	28°34	2°21	3°52	23° 4	n.a.	M 4
T 5	15 44 41	25°24'19	0♋33	9°43	14°40	13°32	28°R36	5°18	23°18	18°43	28°36	2°D20	3°49	23°11	n.a.	T 5
W 6	15 48 38	26°21'31	12°27	11°33	15°13	14°10	28°36	5°14	23°16	18°45	28°37	2°20	3°46	23°18	n.a.	W 6
T 7	15 52 34	27°18'44	24°17	13°21	15°48	14°47	28°36	5°11	23°14	18°48	28°38	2°22	3°43	23°24	n.a.	T 7
F 8	15 56 31	28°15'57	6♌ 5	15° 8	16°25	15°24	28°35	5° 7	23°12	18°50	28°39	2°24	3°39	23°31	n.a.	F 8
S 9	16 0 28	29°13'11	17°56	16°53	17° 2	16° 1	28°34	5° 3	23°11	18°52	28°41	2°25	3°36	23°38	n.a.	S 9
S 10	16 4 24	0♊10'26	29°56	18°36	17°40	16°39	28°33	4°59	23° 9	18°54	28°42	2°R25	3°33	23°44	n.a.	S 10
M11	16 8 21	1° 7'41	12♍10	20°17	18°20	17°16	28°32	4°55	23° 7	18°56	28°43	2°25	3°30	23°51	n.a.	M11
T 12	16 12 17	2° 4'57	24°41	21°57	19° 1	17°54	28°31	4°52	23° 5	18°59	28°44	2°23	3°27	23°57	n.a.	T 12
W13	16 16 14	3° 2'13	7♎34	23°34	19°42	18°31	28°30	4°48	23° 4	19° 1	28°46	2°20	3°23	24° 4	n.a.	W13
T 14	16 20 10	3°59'31	20°52	25°11	20°25	19° 9	28°28	4°45	23° 2	19° 3	28°47	2°16	3°20	24°11	n.a.	T 14
F 15	16 24 7	4°56'49	4♏34	26°45	21° 9	19°46	28°26	4°41	23° 0	19° 5	28°48	2°12	3°17	24°17	n.a.	F 15
S 16	16 28 3	5°54'08	18°40	28°17	21°53	20°24	28°24	4°38	22°59	19° 7	28°49	2° 8	3°14	24°24	n.a.	S 16
S 17	16 32 0	6°51'28	3♐ 6	29°48	22°39	21° 2	28°22	4°34	22°57	19° 9	28°50	2° 5	3°11	24°31	n.a.	S 17
M18	16 35 57	7°48'50	17°47	1♋17	23°25	21°40	28°19	4°31	22°56	19°12	28°52	2° 4	3° 8	24°37	n.a.	M18
T 19	16 39 53	8°46'13	2♑35	2°45	24°12	22°18	28°17	4°28	22°54	19°14	28°53	2°D 3	3° 4	24°44	n.a.	T 19
W20	16 43 50	9°43'37	17°23	4°10	25° 0	22°56	28°14	4°25	22°53	19°16	28°54	2° 4	3° 1	24°51	n.a.	W20
T 21	16 47 46	10°41'02	2♒ 4	5°34	25°48	23°34	28°11	4°21	22°51	19°18	28°55	2° 5	2°58	24°57	n.a.	T 21
F 22	16 51 43	11°38'29	16°35	6°55	26°38	24°12	28° 8	4°18	22°50	19°20	28°56	2° 6	2°55	25° 4	n.a.	F 22
S 23	16 55 39	12°35'58	0♓49	8°15	27°28	24°50	28° 5	4°15	22°49	19°22	28°57	2° 7	2°52	25°11	n.a.	S 23
S 24	16 59 36	13°33'28	14°47	9°33	28°19	25°28	28° 1	4°12	22°48	19°24	28°58	2°R 7	2°49	25°17	n.a.	S 24
M25	17 3 33	14°31'00	28°27	10°49	29°10	26° 7	27°57	4°10	22°46	19°26	28°59	2° 7	2°45	25°24	n.a.	M25
T 26	17 7 29	15°28'33	11♈50	12° 3	0♉ 2	26°45	27°53	4° 7	22°45	19°28	29° 0	2° 6	2°42	25°31	n.a.	T 26
W27	17 11 26	16°26'08	24°56	13°15	0°55	27°24	27°49	4° 4	22°44	19°30	29° 1	2° 4	2°39	25°37	n.a.	W27
T 28	17 15 22	17°23'45	7♉47	14°24	1°49	28° 2	27°45	4° 2	22°43	19°32	29° 2	2° 2	2°36	25°44	n.a.	T 28
F 29	17 19 19	18°21'24	20°24	15°32	2°42	28°41	27°41	3°59	22°42	19°34	29° 3	2° 0	2°33	25°51	n.a.	F 29
S 30	17 23 15	19♊19'04	2♊48	16♋36	3♉37	29♋19	27♑36	3♏57	22♎41	19♉36	29♈ 4	1♑58	2♑29	25♋57	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n32	19n17	4n 3	22n51	1n53	2n19	3s 2	24n49	1n22	22s 6	1s16	11s52	1n54	8s54	0n25	16n27	1s18	3n30	8s13	23s54	23s52	20n20		n.a.
S 2	18 47	22 14	3 14	23 16	1 54	2 26	3 6	24 45	1 21	22 6	1 16	11 51	1 54	8 53	0 25	16 28	1 18	3 30	8 13	23 54	23 52	20 18		n.a.
S 3	19 2	24 3	2 17	23 38	1 55	2 33	3 11	24 41	1 21	22 6	1 16	11 49	1 53	8 53	0 25	16 28	1 18	3 30	8 13	23 54	23 52	20 16		n.a.
M 4	19 16	24 40	1 15	23 58	1 56	2 42	3 15	24 37	1 20	22 7	1 17	11 48	1 53	8 52	0 25	16 29	1 18	3 31	8 13	23 54	23 52	20 14		n.a.
T 5	19 30	24 5	0 10	24 16	1 56	2 51	3 18	24 33	1 20	22 7	1 17	11 47	1 53	8 51	0 24	16 30	1 18	3 31	8 13	23 54	23 52	20 12		n.a.
W 6	19 44	22 25	0s55	24 31	1 55	3 1	3 22	24 28	1 19	22 7	1 17	11 46	1 53	8 51	0 24	16 30	1 18	3 32	8 13	23 54	23 52	20 10		n.a.
T 7	19 58	19 47	1 57	24 45	1 53	3 12	3 25	24 24	1 19	22 8	1 18	11 45	1 53	8 50	0 24	16 31	1 18	3 32	8 13	23 54	23 53	20 9		n.a.
F 8	20 11	16 20	2 54	24 56	1 51	3 23	3 28	24 19	1 18	22 8	1 18	11 43	1 53	8 49	0 24	16 32	1 18	3 33	8 13	23 54	23 53	20 7		n.a.
S 9	20 24	12 13	3 44	25 4	1 49	3 35	3 31	24 14	1 18	22 9	1 18	11 42	1 53	8 49	0 24	16 32	1 18	3 33	8 13	23 54	23 53	20 5		n.a.
S 10	20 36	7 36	4 25	25 11	1 46	3 48	3 33	24 9	1 17	22 9	1 19	11 41	1 52	8 48	0 24	16 33	1 18	3 33	8 13	23 54	23 53	20 3		n.a.
M11	20 48	2 37	4 54	25 16	1 42	4 1	3 35	24 3	1 17	22 10	1 19	11 40	1 52	8 47	0 24	16 33	1 18	3 34	8 14	23 54	23 53	20 1		n.a.
T 12	21 0	2s35	5 11	25 19	1 38	4 15	3 37	23 58	1 16	22 10	1 19	11 39	1 52	8 47	0 24	16 34	1 18	3 34	8 14	23 54	23 53	19 59		n.a.
W13	21 12	7 49	5 12	25 20	1 34	4 29	3 39	23 52	1 15	22 11	1 20	11 38	1 52	8 46	0 24	16 35	1 18	3 34	8 14	23 54	23 53	19 57		n.a.
T 14	21 23	12 53	4 57	25 19	1 29	4 44	3 40	23 46	1 15	22 12	1 20	11 37	1 52	8 45	0 24	16 35	1 18	3 35	8 14	23 55	23 53	19 55		n.a.
F 15	21 33	17 27	4 25	25 17	1 24	5 0	3 42	23 40	1 14	22 12	1 20	11 36	1 52	8 45	0 24	16 36	1 18	3 35	8 14	23 55	23 53	19 53		n.a.
S 16	21 44	21 11	3 36	25 13	1 18	5 16	3 43	23 34	1 14	22 13	1 21	11 35	1 52	8 44	0 24	16 36	1 18	3 36	8 14	23 55	23 53	19 51		n.a.
S 17	21 54	23 42	2 33	25 7	1 12	5 32	3 44	23 27	1 13	22 14	1 21	11 34	1 51	8 44	0 24	16 37	1 18	3 36	8 14	23 55	23 53	19 49		n.a.
M18	22 4	24 39	1 18	25 0	1 5	5 49	3 44	23 20	1 13	22 15	1 21	11 33	1 51	8 43	0 24	16 38	1 18	3 36	8 14	23 55	23 53	19 47		n.a.
T 19	22 13	23 51	0n 3	24 52	0 58	6 6	3 45	23 14	1 12	22 16	1 22	11 32	1 51	8 43	0 24	16 38	1 18	3 37	8 14	23 55	23 54	19 45		n.a.
W20	22 22	21 24	1 24	24 43	0 51	6 23	3 45	23 7	1 12	22 17	1 22	11 31	1 51	8 42	0 24	16 39	1 18	3 37	8 14	23 55	23 54	19 43		n.a.
T 21	22 30	17 32	2 38	24 32	0 43	6 41	3 45	22 59	1 11	22 17	1 22	11 30	1 51	8 42	0 24	16 39	1 18	3 37	8 14	23 55	23 54	19 41		n.a.
F 22	22 38	12 40	3 42	24 20	0 35	6 59	3 45	22 52	1 10	22 18	1 23	11 29	1 50	8 41	0 24	16 40	1 18	3 38	8 14	23 55	23 54	19 39		n.a.
S 23	22 46	7 12	4 30	24 7	0 27	7 18	3 44	22 45	1 10	22 19	1 23	11 28	1 50	8 41	0 24	16 40	1 18	3 38	8 14	23 55	23 54	19 37		n.a.
S 24	22 54	1 29	5 2	23 53	0 18	7 37	3 44	22 37	1 9	22 20	1 23	11 28	1 50	8 40	0 24	16 41	1 18	3 38	8 14	23 55	23 54	19 35		n.a.
M25	23 1	4n11	5 15	23 38	0 9	7 56	3 43	22 29	1 9	22 22	1 24	11 27	1 50	8 40	0 24	16 42	1 18	3 38	8 14	23 55	23 54	19 33		n.a.
T 26	23 7	9 32	5 11	23 22	0s 0	8 15	3 43	22 21	1 8	22 23	1 24	11 26	1 50	8 39	0 24	16 42	1 18	3 39	8 15	23 55	23 54	19 31		n.a.
W27	23 13	14 21	4 51	23 6	0 10	8 34	3 42	22 13	1 8	22 24	1 24	11 25	1 49	8 39	0 24	16 43	1 18	3 39	8 15	23 55	23 54	19 28		n.a.
T 28	23 19	18 25	4 17	22 49	0 19	8 54	3 41	22 4	1 7	22 25	1 25	11 25	1 49	8 39	0 24	16 43	1 18	3 39	8 15	23 55	23 54	19 26		n.a.
F 29	23 24	21 35	3 30	22 31	0 29	9 14	3 39	21 56	1 6	22 26	1 25	11 24	1 49	8 38	0 24	16 44	1 18	3 40	8 15	23 55	23 54	19 24		n.a.
S 30	23n29	23n40	2n35	22n13	0s39	9n34	3s38	21n47	1n 6	22s27	1s25	11s23	1n49	8s38	0n24	16n44	1s18	3n40	8s15	23s55	23s54	19n22		n.a.

Julian Day Number = 973542.5, Delta T = 13h22m23s
Ecliptic obliquity = 23°55'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°18'02, Lahiri = -32°11'01 Julian Calendar 1 June 2048 BCE == Greg. Calendar 15 May 2048 BCE

The year -2047 astronomical counting style corresponds to year 2048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

JULY 2048 BCE (-2047) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 27 12	20♊16'46	15♊ 1	17♋39	4♉32	29♋58	27°R31	3°R54	22°R40	19♉38	29♈ 5	1°R57	2♑26	26♋ 4	n.a.	S 1
M 2	17 31 8	21°14'29	27° 5	18°39	5°28	0♌37	27♑26	3♏52	22♎39	19°40	29° 6	1°D56	2°23	26°11	n.a.	M 2
T 3	17 35 5	22°12'14	9♋ 1	19°36	6°24	1°16	27°21	3°50	22°38	19°42	29° 7	1♑57	2°20	26°17	n.a.	T 3
W 4	17 39 2	23°10'00	20°51	20°30	7°20	1°55	27°16	3°48	22°37	19°44	29° 8	1°57	2°17	26°24	n.a.	W 4
T 5	17 42 58	24° 7'48	2♌39	21°21	8°17	2°34	27°11	3°46	22°37	19°46	29° 9	1°58	2°14	26°31	n.a.	T 5
F 6	17 46 55	25° 5'38	14°27	22° 9	9°14	3°13	27° 5	3°44	22°36	19°48	29°10	1°59	2°10	26°37	n.a.	F 6
S 7	17 50 51	26° 3'28	26°19	22°53	10°12	3°52	26°59	3°42	22°35	19°50	29°11	1°59	2° 7	26°44	n.a.	S 7
S 8	17 54 48	27° 1'21	8♍19	23°34	11°11	4°31	26°53	3°40	22°35	19°52	29°12	2° 0	2° 4	26°51	n.a.	S 8
M 9	17 58 44	27°59'14	20°30	24°11	12° 9	5°10	26°47	3°38	22°34	19°54	29°12	2° 0	2° 1	26°57	n.a.	M 9
T 10	18 2 41	28°57'10	2♎59	24°44	13° 9	5°50	26°41	3°37	22°34	19°55	29°13	2°R 0	1°58	27° 4	n.a.	T 10
W11	18 6 37	29°55'06	15°48	25°12	14° 8	6°29	26°35	3°35	22°33	19°57	29°14	2° 0	1°55	27°11	n.a.	W11
T 12	18 10 34	0♋53'04	29° 1	25°37	15° 8	7° 9	26°29	3°34	22°33	19°59	29°15	2° 0	1°51	27°17	n.a.	T 12
F 13	18 14 31	1°51'04	12♏41	25°56	16° 8	7°48	26°22	3°33	22°32	20° 1	29°16	2°D 0	1°48	27°24	n.a.	F 13
S 14	18 18 27	2°49'06	26°47	26°10	17° 9	8°28	26°16	3°31	22°32	20° 3	29°16	2° 0	1°45	27°31	n.a.	S 14
S 15	18 22 24	3°47'09	11♐18	26°19	18°10	9° 7	26° 9	3°30	22°32	20° 4	29°17	2° 0	1°42	27°37	n.a.	S 15
M16	18 26 20	4°45'14	26° 9	26°R22	19°11	9°47	26° 2	3°29	22°32	20° 6	29°18	2°R 0	1°39	27°44	n.a.	M16
T 17	18 30 17	5°43'21	11♑13	26°19	20°13	10°27	25°55	3°28	22°32	20° 8	29°18	2° 0	1°35	27°51	n.a.	T 17
W18	18 34 13	6°41'29	26°22	26°11	21°15	11° 7	25°48	3°27	22°31	20° 9	29°19	2° 0	1°32	27°57	n.a.	W18
T 19	18 38 10	7°39'40	11♒25	25°56	22°17	11°46	25°41	3°27	22°31	20°11	29°20	1°59	1°29	28° 4	n.a.	T 19
F 20	18 42 6	8°37'53	26°15	25°35	23°20	12°26	25°33	3°26	22°D31	20°13	29°20	1°59	1°26	28°11	n.a.	F 20
S 21	18 46 3	9°36'08	10♓45	25° 7	24°23	13° 6	25°26	3°26	22°31	20°14	29°21	1°58	1°23	28°17	n.a.	S 21
S 22	18 50 0	10°34'25	24°52	24°33	25°26	13°46	25°19	3°25	22°31	20°16	29°21	1°57	1°20	28°24	n.a.	S 22
M23	18 53 56	11°32'44	8♈35	23°53	26°30	14°27	25°11	3°25	22°32	20°17	29°22	1°D57	1°16	28°31	n.a.	M23
T 24	18 57 53	12°31'06	21°53	23° 8	27°33	15° 7	25° 3	3°24	22°32	20°19	29°23	1°57	1°13	28°37	n.a.	T 24
W25	19 1 49	13°29'30	4♉50	22°18	28°38	15°47	24°56	3°24	22°32	20°20	29°23	1°58	1°10	28°44	n.a.	W25
T 26	19 5 46	14°27'56	17°28	21°23	29°42	16°27	24°48	3°D24	22°32	20°22	29°24	1°59	1° 7	28°51	n.a.	T 26
F 27	19 9 42	15°26'25	29°51	20°25	0♊47	17° 8	24°40	3°24	22°33	20°23	29°24	2° 0	1° 4	28°57	n.a.	F 27
S 28	19 13 39	16°24'56	12♊ 1	19°25	1°51	17°48	24°32	3°24	22°33	20°25	29°25	2° 1	1° 1	29° 4	n.a.	S 28
S 29	19 17 35	17°23'29	24° 2	18°23	2°57	18°29	24°25	3°24	22°34	20°26	29°25	2° 2	0°57	29°11	n.a.	S 29
M30	19 21 32	18°22'05	5♋56	17°22	4° 2	19° 9	24°17	3°25	22°34	20°27	29°25	2°R 2	0°54	29°17	n.a.	M30
T 31	19 25 29	19♋20'43	17♋46	16♋23	5♊ 8	19♌50	24♑ 9	3♏25	22♎35	20♉29	29♈26	2♑ 1	0♑51	29♋24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n34	24n36	1n32	21n55	0s50	9n54	3s37	21n38	1n 5	22s29	1s26	11s23	1n49	8s38	0n24	16n45	1s18	3n40	8s15	23s55	23s54	19n20		n.a.
M 2	23 38	24 21	0 27	21 36	1 1	10 14	3 35	21 29	1 5	22 30	1 26	11 22	1 48	8 37	0 24	16 45	1 18	3 40	8 15	23 55	23 54	19 18		n.a.
T 3	23 42	22 58	0s39	21 17	1 11	10 34	3 33	21 20	1 4	22 31	1 26	11 21	1 48	8 37	0 24	16 46	1 18	3 41	8 15	23 55	23 54	19 16		n.a.
W 4	23 45	20 35	1 43	20 59	1 22	10 55	3 31	21 10	1 4	22 33	1 26	11 21	1 48	8 37	0 24	16 46	1 18	3 41	8 15	23 55	23 55	19 14		n.a.
T 5	23 48	17 20	2 42	20 40	1 33	11 15	3 29	21 1	1 3	22 34	1 27	11 20	1 48	8 36	0 24	16 47	1 18	3 41	8 15	23 55	23 55	19 12		n.a.
F 6	23 50	13 25	3 35	20 21	1 44	11 36	3 27	20 51	1 2	22 35	1 27	11 20	1 48	8 36	0 24	16 47	1 18	3 41	8 16	23 55	23 55	19 10		n.a.
S 7	23 52	8 57	4 18	20 3	1 56	11 56	3 25	20 41	1 2	22 37	1 27	11 20	1 47	8 36	0 24	16 48	1 18	3 41	8 16	23 55	23 55	19 8		n.a.
S 8	23 54	4 8	4 51	19 45	2 7	12 17	3 23	20 31	1 1	22 38	1 28	11 19	1 47	8 36	0 24	16 48	1 18	3 42	8 16	23 55	23 55	19 6		n.a.
M 9	23 55	0s55	5 11	19 27	2 18	12 37	3 20	20 21	1 1	22 40	1 28	11 19	1 47	8 35	0 24	16 49	1 18	3 42	8 16	23 55	23 55	19 4		n.a.
T 10	23 55	6 3	5 18	19 10	2 29	12 58	3 18	20 10	1 0	22 41	1 28	11 18	1 47	8 35	0 24	16 49	1 18	3 42	8 16	23 55	23 55	19 2		n.a.
W11	23 56	11 4	5 9	18 54	2 40	13 18	3 15	20 0	1 0	22 43	1 28	11 18	1 47	8 35	0 24	16 50	1 18	3 42	8 16	23 55	23 55	19 0		n.a.
T 12	23 56	15 45	4 43	18 39	2 51	13 38	3 13	19 49	0 59	22 44	1 29	11 18	1 46	8 35	0 24	16 50	1 18	3 42	8 16	23 55	23 55	18 58		n.a.
F 13	23 55	19 47	4 1	18 25	3 2	13 59	3 10	19 38	0 58	22 46	1 29	11 18	1 46	8 35	0 24	16 51	1 18	3 42	8 16	23 55	23 55	18 55		n.a.
S 14	23 54	22 49	3 4	18 12	3 13	14 19	3 7	19 27	0 58	22 47	1 29	11 17	1 46	8 35	0 23	16 51	1 19	3 43	8 16	23 55	23 55	18 53		n.a.
S 15	23 52	24 27	1 53	18 0	3 23	14 39	3 4	19 16	0 57	22 49	1 29	11 17	1 46	8 35	0 23	16 52	1 19	3 43	8 17	23 55	23 55	18 51		n.a.
M16	23 50	24 25	0 32	17 50	3 32	14 59	3 1	19 4	0 57	22 50	1 30	11 17	1 45	8 35	0 23	16 52	1 19	3 43	8 17	23 55	23 55	18 49		n.a.
T 17	23 48	22 36	0n51	17 42	3 41	15 19	2 58	18 53	0 56	22 52	1 30	11 17	1 45	8 35	0 23	16 53	1 19	3 43	8 17	23 55	23 55	18 47		n.a.
W18	23 45	19 10	2 11	17 36	3 49	15 38	2 55	18 41	0 55	22 53	1 30	11 17	1 45	8 35	0 23	16 53	1 19	3 43	8 17	23 55	23 55	18 45		n.a.
T 19	23 42	14 29	3 22	17 31	3 57	15 58	2 51	18 29	0 55	22 55	1 30	11 17	1 45	8 35	0 23	16 53	1 19	3 43	8 17	23 55	23 55	18 43		n.a.
F 20	23 38	8 59	4 18	17 29	4 3	16 17	2 48	18 17	0 54	22 57	1 30	11 17	1 45	8 35	0 23	16 54	1 19	3 43	8 17	23 55	23 55	18 41		n.a.
S 21	23 34	3 8	4 56	17 29	4 8	16 36	2 45	18 5	0 54	22 58	1 31	11 17	1 44	8 35	0 23	16 54	1 19	3 43	8 17	23 55	23 55	18 39		n.a.
S 22	23 30	2n43	5 15	17 31	4 12	16 54	2 41	17 52	0 53	23 0	1 31	11 17	1 44	8 35	0 23	16 55	1 19	3 44	8 17	23 55	23 55	18 36		n.a.
M23	23 25	8 17	5 15	17 35	4 15	17 13	2 38	17 40	0 52	23 1	1 31	11 17	1 44	8 35	0 23	16 55	1 19	3 44	8 18	23 55	23 55	18 34		n.a.
T 24	23 20	13 17	4 58	17 42	4 16	17 31	2 34	17 27	0 52	23 3	1 31	11 17	1 44	8 35	0 23	16 56	1 19	3 44	8 18	23 55	23 55	18 32		n.a.
W25	23 14	17 34	4 27	17 51	4 15	17 49	2 30	17 15	0 51	23 5	1 31	11 17	1 43	8 35	0 23	16 56	1 19	3 44	8 18	23 55	23 55	18 30		n.a.
T 26	23 7	20 57	3 43	18 3	4 12	18 7	2 27	17 2	0 51	23 6	1 31	11 17	1 43	8 35	0 23	16 56	1 19	3 44	8 18	23 55	23 55	18 28		n.a.
F 27	23 1	23 17	2 49	18 16	4 7	18 24	2 23	16 49	0 50	23 8	1 32	11 18	1 43	8 35	0 23	16 57	1 19	3 44	8 18	23 55	23 55	18 26		n.a.
S 28	22 54	24 29	1 49	18 32	4 0	18 41	2 19	16 35	0 49	23 9	1 32	11 18	1 43	8 36	0 23	16 57	1 19	3 44	8 18	23 55	23 56	18 24		n.a.
S 29	22 46	24 32	0 44	18 49	3 51	18 58	2 15	16 22	0 49	23 11	1 32	11 18	1 42	8 36	0 23	16 57	1 19	3 44	8 18	23 55	23 56	18 21		n.a.
M30	22 38	23 26	0s22	19 8	3 40	19 14	2 12	16 9	0 48	23 13	1 32	11 19	1 42	8 36	0 23	16 58	1 19	3 44	8 19	23 55	23 56	18 19		n.a.
T 31	22n30	21n18	1s26	19n28	3s28	19n30	2s 8	15n55	0n48	23s14	1s32	11s19	1n42	8s36	0n23	16n58	1s19	3n44	8s19	23s55	23s56	18n17		n.a.

Julian Day Number = 973572.5, Delta T = 13h22m21s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'57, Lahiri = -32°10'57 Julian Calendar 1 July 2048 BCE == Greg. Calendar 14 June 2048 BCE

The year -2047 astronomical counting style corresponds to year 2048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

AUGUST 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 29 25	20♋19'22	29♋34	15°R27	6♊13	20♌31	24°R 1	3♏26	22♎35	20♉30	29♈26	1°R59	0♑48	29♋31	n.a.	W 1
T 2	19 33 22	21°18'04	11♌22	14♋35	7°20	21°11	23♑53	3°26	22°36	20°31	29°26	1♑57	0°45	29°37	n.a.	T 2
F 3	19 37 18	22°16'48	23°13	13°49	8°26	21°52	23°45	3°27	22°37	20°33	29°27	1°54	0°41	29°44	n.a.	F 3
S 4	19 41 15	23°15'34	5♍ 8	13°11	9°32	22°33	23°37	3°28	22°37	20°34	29°27	1°50	0°38	29°51	n.a.	S 4
S 5	19 45 11	24°14'22	17°11	12°40	10°39	23°14	23°29	3°29	22°38	20°35	29°27	1°47	0°35	29°57	n.a.	S 5
M 6	19 49 8	25°13'11	29°24	12°19	11°46	23°55	23°21	3°30	22°39	20°36	29°28	1°44	0°32	0♌ 4	n.a.	M 6
T 7	19 53 4	26°12'03	11♎52	12° 7	12°53	24°36	23°13	3°31	22°40	20°37	29°28	1°42	0°29	0°10	n.a.	T 7
W 8	19 57 1	27°10'57	24°36	12°D 4	14° 0	25°18	23° 5	3°32	22°41	20°39	29°28	1°D41	0°26	0°17	n.a.	W 8
T 9	20 0 57	28° 9'52	7♏42	12°11	15° 8	25°59	22°57	3°33	22°42	20°40	29°28	1°42	0°22	0°24	n.a.	T 9
F 10	20 4 54	29° 8'50	21°12	12°29	16°16	26°40	22°49	3°35	22°43	20°41	29°28	1°43	0°19	0°30	n.a.	F 10
S 11	20 8 51	0♌ 7'49	5♐ 9	12°56	17°23	27°21	22°41	3°36	22°44	20°42	29°29	1°44	0°16	0°37	n.a.	S 11
S 12	20 12 47	1° 6'51	19°31	13°32	18°31	28° 3	22°33	3°38	22°45	20°43	29°29	1°45	0°13	0°44	n.a.	S 12
M13	20 16 44	2° 5'54	4♑17	14°17	19°40	28°44	22°25	3°39	22°47	20°44	29°29	1°R46	0°10	0°50	n.a.	M13
T 14	20 20 40	3° 5'00	19°22	15°10	20°48	29°26	22°18	3°41	22°48	20°45	29°29	1°45	0° 7	0°57	n.a.	T 14
W15	20 24 37	4° 4'07	4♒36	16°11	21°57	0♍ 7	22°10	3°43	22°49	20°46	29°29	1°42	0° 3	1° 4	n.a.	W15
T 16	20 28 33	5° 3'17	19°51	17°19	23° 5	0°49	22° 2	3°45	22°50	20°46	29°29	1°38	0° 0	1°11	n.a.	T 16
F 17	20 32 30	6° 2'29	4♓56	18°33	24°14	1°31	21°55	3°47	22°52	20°47	29°R29	1°33	29♐57	1°17	n.a.	F 17
S 18	20 36 26	7° 1'43	19°42	19°52	25°24	2°12	21°47	3°49	22°53	20°48	29°29	1°28	29°54	1°24	n.a.	S 18
S 19	20 40 23	8° 1'00	4♈ 2	21°16	26°33	2°54	21°40	3°51	22°55	20°49	29°29	1°24	29°51	1°30	n.a.	S 19
M20	20 44 19	9° 0'19	17°54	22°45	27°42	3°36	21°33	3°54	22°56	20°50	29°29	1°20	29°47	1°37	n.a.	M20
T 21	20 48 16	9°59'41	1♉17	24°17	28°52	4°18	21°26	3°56	22°58	20°50	29°29	1°18	29°44	1°44	n.a.	T 21
W22	20 52 13	10°59'06	14°13	25°52	0♋ 2	5° 0	21°18	3°59	23° 0	20°51	29°29	1°D18	29°41	1°51	n.a.	W22
T 23	20 56 9	11°58'33	26°47	27°30	1°12	5°42	21°11	4° 1	23° 1	20°52	29°29	1°19	29°38	1°57	n.a.	T 23
F 24	21 0 6	12°58'02	9♊ 3	29°10	2°22	6°24	21° 5	4° 4	23° 3	20°52	29°29	1°20	29°35	2° 4	n.a.	F 24
S 25	21 4 2	13°57'34	21° 5	0♌51	3°32	7° 7	20°58	4° 7	23° 5	20°53	29°28	1°22	29°32	2°11	n.a.	S 25
S 26	21 7 59	14°57'08	2♋59	2°33	4°42	7°49	20°51	4°10	23° 7	20°53	29°28	1°R22	29°28	2°17	n.a.	S 26
M27	21 11 55	15°56'45	14°48	4°17	5°53	8°31	20°45	4°13	23° 9	20°54	29°28	1°21	29°25	2°24	n.a.	M27
T 28	21 15 52	16°56'24	26°35	6° 1	7° 3	9°14	20°38	4°16	23°11	20°55	29°28	1°18	29°22	2°31	n.a.	T 28
W29	21 19 48	17°56'05	8♌24	7°45	8°14	9°56	20°32	4°19	23°13	20°55	29°27	1°13	29°19	2°37	n.a.	W29
T 30	21 23 45	18°55'49	20°16	9°30	9°25	10°39	20°26	4°22	23°15	20°55	29°27	1° 5	29°16	2°44	n.a.	T 30
F 31	21 27 41	19♌55'34	2♍13	11♌15	10♋36	11♍21	20♑20	4♏25	23♎17	20♉56	29♈27	0♑56	29♐13	2♌51	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	22n21	18n16	2s26	19n49	3s13	19n45	2s 4	15n41	0n47	23s16	1s32	11s19	1n42	8s36	0n23	16n58	1s19	3n44	8s19	23s55	23s56	18n15			n.a.
T 2	22 12	14 31	3 21	20 10	2 58	20 1	2 0	15 27	0 46	23 17	1 32	11 20	1 41	8 37	0 23	16 59	1 19	3 44	8 19	23 55	23 56	18 13			n.a.
F 3	22 3	10 11	4 6	20 32	2 41	20 15	1 56	15 13	0 46	23 19	1 33	11 20	1 41	8 37	0 23	16 59	1 19	3 44	8 19	23 55	23 56	18 11			n.a.
S 4	21 53	5 28	4 41	20 54	2 23	20 30	1 52	14 59	0 45	23 20	1 33	11 21	1 41	8 37	0 23	16 59	1 19	3 44	8 19	23 55	23 56	18 8			n.a.
S 5	21 42	0 30	5 4	21 15	2 4	20 43	1 48	14 45	0 44	23 22	1 33	11 21	1 41	8 38	0 23	17 0	1 19	3 44	8 19	23 55	23 56	18 6			n.a.
M 6	21 32	4s33	5 14	21 36	1 45	20 57	1 44	14 30	0 44	23 23	1 33	11 22	1 41	8 38	0 23	17 0	1 19	3 44	8 19	23 55	23 56	18 4			n.a.
T 7	21 20	9 31	5 10	21 56	1 26	21 10	1 40	14 16	0 43	23 25	1 33	11 22	1 40	8 38	0 23	17 0	1 19	3 44	8 20	23 55	23 56	18 2			n.a.
W 8	21 9	14 12	4 50	22 15	1 8	21 22	1 36	14 1	0 43	23 26	1 33	11 23	1 40	8 39	0 23	17 0	1 19	3 44	8 20	23 55	23 56	18 0			n.a.
T 9	20 57	18 22	4 15	22 32	0 49	21 34	1 32	13 46	0 42	23 28	1 33	11 24	1 40	8 39	0 23	17 1	1 19	3 44	8 20	23 55	23 56	17 58			n.a.
F 10	20 45	21 43	3 25	22 49	0 31	21 45	1 27	13 31	0 41	23 29	1 33	11 24	1 40	8 40	0 23	17 1	1 19	3 44	8 20	23 55	23 56	17 55			n.a.
S 11	20 32	23 54	2 21	23 3	0 14	21 56	1 23	13 16	0 41	23 30	1 33	11 25	1 39	8 40	0 23	17 1	1 19	3 43	8 20	23 55	23 56	17 53			n.a.
S 12	20 19	24 37	1 7	23 15	0n 2	22 6	1 19	13 1	0 40	23 32	1 33	11 26	1 39	8 41	0 23	17 1	1 19	3 43	8 20	23 55	23 56	17 51			n.a.
M13	20 6	23 38	0n14	23 26	0 17	22 16	1 15	12 46	0 39	23 33	1 33	11 27	1 39	8 41	0 23	17 2	1 19	3 43	8 20	23 55	23 56	17 49			n.a.
T 14	19 52	20 56	1 35	23 34	0 31	22 25	1 11	12 31	0 39	23 35	1 33	11 27	1 39	8 42	0 23	17 2	1 19	3 43	8 21	23 55	23 56	17 47			n.a.
W15	19 38	16 45	2 50	23 39	0 44	22 34	1 7	12 15	0 38	23 36	1 33	11 28	1 39	8 42	0 23	17 2	1 19	3 43	8 21	23 55	23 56	17 44			n.a.
T 16	19 23	11 29	3 53	23 42	0 56	22 42	1 3	11 59	0 38	23 37	1 33	11 29	1 38	8 43	0 23	17 2	1 19	3 43	8 21	23 55	23 56	17 42			n.a.
F 17	19 9	5 35	4 39	23 43	1 6	22 49	0 59	11 44	0 37	23 38	1 33	11 30	1 38	8 43	0 23	17 2	1 19	3 43	8 21	23 55	23 56	17 40			n.a.
S 18	18 54	0n30	5 5	23 41	1 16	22 56	0 55	11 28	0 36	23 40	1 33	11 31	1 38	8 44	0 22	17 3	1 19	3 43	8 21	23 55	23 56	17 38			n.a.
S 19	18 38	6 23	5 11	23 36	1 24	23 2	0 51	11 12	0 36	23 41	1 33	11 32	1 38	8 44	0 22	17 3	1 20	3 43	8 21	23 55	23 56	17 36			n.a.
M20	18 22	11 45	4 59	23 28	1 32	23 8	0 47	10 56	0 35	23 42	1 33	11 33	1 37	8 45	0 22	17 3	1 20	3 42	8 21	23 55	23 56	17 33			n.a.
T 21	18 6	16 22	4 30	23 18	1 38	23 13	0 43	10 40	0 34	23 43	1 33	11 34	1 37	8 46	0 22	17 3	1 20	3 42	8 22	23 55	23 56	17 31			n.a.
W22	17 50	20 3	3 49	23 5	1 43	23 17	0 39	10 23	0 34	23 44	1 33	11 35	1 37	8 46	0 22	17 3	1 20	3 42	8 22	23 55	23 56	17 29			n.a.
T 23	17 33	22 42	2 57	22 50	1 47	23 21	0 35	10 7	0 33	23 45	1 33	11 36	1 37	8 47	0 22	17 3	1 20	3 42	8 22	23 55	23 56	17 27			n.a.
F 24	17 16	24 12	1 58	22 32	1 50	23 24	0 31	9 51	0 32	23 46	1 33	11 37	1 37	8 48	0 22	17 4	1 20	3 42	8 22	23 55	23 56	17 24			n.a.
S 25	16 59	24 33	0 56	22 12	1 53	23 26	0 27	9 34	0 32	23 47	1 33	11 38	1 36	8 48	0 22	17 4	1 20	3 42	8 22	23 55	23 56	17 22			n.a.
S 26	16 41	23 45	0s 9	21 50	1 54	23 28	0 23	9 17	0 31	23 49	1 33	11 40	1 36	8 49	0 22	17 4	1 20	3 41	8 22	23 55	23 56	17 20			n.a.
M27	16 23	21 54	1 12	21 26	1 55	23 29	0 19	9 1	0 30	23 49	1 33	11 41	1 36	8 50	0 22	17 4	1 20	3 41	8 22	23 55	23 56	17 18			n.a.
T 28	16 5	19 6	2 12	21 0	1 55	23 29	0 15	8 44	0 30	23 50	1 33	11 42	1 36	8 51	0 22	17 4	1 20	3 41	8 23	23 55	23 56	17 16			n.a.
W29	15 46	15 32	3 6	20 33	1 55	23 29	0 11	8 27	0 29	23 51	1 33	11 43	1 35	8 51	0 22	17 4	1 20	3 41	8 23	23 55	23 56	17 13			n.a.
T 30	15 27	11 21	3 53	20 3	1 53	23 28	0 8	8 10	0 28	23 52	1 33	11 45	1 35	8 52	0 22	17 4	1 20	3 40	8 23	23 55	23 56	17 11			n.a.
F 31	15n 8	6n43	4s29	19n33	1n52	23n26	0s 4	7n53	0n28	23s53	1s33	11s46	1n35	8s53	0n22	17n 4	1s20	3n40	8s23	23s56	23s56	17n 9			n.a.

Julian Day Number = 973603.5, Delta T = 13h22m19s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'53, Lahiri = -32°10'53 Julian Calendar 1 Aug. 2048 BCE == Greg. Calendar 15 July 2048 BCE

The year -2047 astronomical counting style corresponds to year 2048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

SEPTEMBER 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 31 38	20♌55'22	14♍17	12♌59	11♋47	12♍ 4	20°R14	4♏29	23♎19	20♉56	29°R27	0°R46	29♐ 9	2♌57	n.a.	S 1
S 2	21 35 35	21°55'12	26°28	14°44	12°58	12°47	20♑ 8	4°32	23°21	20°56	29♈26	0♑36	29° 6	3° 4	n.a.	S 2
M 3	21 39 31	22°55'03	8♎50	16°28	14°10	13°29	20° 3	4°36	23°23	20°57	29°26	0°28	29° 3	3°11	n.a.	M 3
T 4	21 43 28	23°54'57	21°22	18°11	15°21	14°12	19°57	4°39	23°25	20°57	29°25	0°21	29° 0	3°17	n.a.	T 4
W 5	21 47 24	24°54'52	4♏ 9	19°55	16°33	14°55	19°52	4°43	23°28	20°57	29°25	0°16	28°57	3°24	n.a.	W 5
T 6	21 51 21	25°54'50	17°12	21°38	17°44	15°38	19°47	4°47	23°30	20°57	29°25	0°14	28°53	3°31	n.a.	T 6
F 7	21 55 17	26°54'49	0♐34	23°20	18°56	16°21	19°42	4°51	23°32	20°57	29°24	0°D14	28°50	3°37	n.a.	F 7
S 8	21 59 14	27°54'51	14°17	25° 2	20° 8	17° 4	19°37	4°55	23°35	20°58	29°24	0°15	28°47	3°44	n.a.	S 8
S 9	22 3 10	28°54'53	28°24	26°43	21°20	17°47	19°33	4°59	23°37	20°58	29°23	0°R15	28°44	3°51	n.a.	S 9
M10	22 7 7	29°54'58	12♑54	28°24	22°32	18°30	19°28	5° 3	23°40	20°58	29°23	0°15	28°41	3°57	n.a.	M10
T 11	22 11 3	0♍55'05	27°43	0♍ 4	23°44	19°14	19°24	5° 7	23°42	20°R58	29°22	0°12	28°38	4° 4	n.a.	T 11
W12	22 15 0	1°55'13	12♒47	1°44	24°57	19°57	19°20	5°11	23°45	20°58	29°22	0° 6	28°34	4°11	n.a.	W12
T 13	22 18 57	2°55'23	27°56	3°23	26° 9	20°40	19°16	5°16	23°47	20°58	29°21	29♐59	28°31	4°17	n.a.	T 13
F 14	22 22 53	3°55'35	13♓ 1	5° 2	27°22	21°24	19°13	5°20	23°50	20°58	29°21	29°49	28°28	4°24	n.a.	F 14
S 15	22 26 50	4°55'49	27°51	6°40	28°34	22° 7	19° 9	5°25	23°53	20°57	29°20	29°39	28°25	4°31	n.a.	S 15
S 16	22 30 46	5°56'05	12♈19	8°18	29°47	22°51	19° 6	5°29	23°55	20°57	29°19	29°29	28°22	4°37	n.a.	S 16
M17	22 34 43	6°56'24	26°19	9°55	1♌ 0	23°34	19° 3	5°34	23°58	20°57	29°19	29°21	28°18	4°44	n.a.	M17
T 18	22 38 39	7°56'44	9♉49	11°32	2°13	24°18	19° 0	5°39	24° 1	20°57	29°18	29°15	28°15	4°51	n.a.	T 18
W19	22 42 36	8°57'07	22°50	13° 8	3°26	25° 1	18°57	5°44	24° 4	20°57	29°17	29°12	28°12	4°57	n.a.	W19
T 20	22 46 32	9°57'32	5♊27	14°44	4°39	25°45	18°55	5°48	24° 7	20°56	29°17	29°D10	28° 9	5° 4	n.a.	T 20
F 21	22 50 29	10°57'59	17°43	16°19	5°52	26°29	18°52	5°53	24° 9	20°56	29°16	29°11	28° 6	5°11	n.a.	F 21
S 22	22 54 25	11°58'28	29°44	17°54	7° 5	27°13	18°50	5°58	24°12	20°56	29°15	29°R11	28° 3	5°17	n.a.	S 22
S 23	22 58 22	12°58'59	11♋36	19°29	8°19	27°57	18°49	6° 3	24°15	20°55	29°14	29°10	27°59	5°24	n.a.	S 23
M24	23 2 19	13°59'33	23°23	21° 3	9°32	28°41	18°47	6° 8	24°18	20°55	29°14	29° 7	27°56	5°31	n.a.	M24
T 25	23 6 15	15° 0'08	5♌11	22°37	10°46	29°25	18°45	6°14	24°21	20°54	29°13	29° 2	27°53	5°37	n.a.	T 25
W26	23 10 12	16° 0'45	17° 2	24°11	11°59	0♎ 9	18°44	6°19	24°24	20°54	29°12	28°54	27°50	5°44	n.a.	W26
T 27	23 14 8	17° 1'24	29° 0	25°44	13°13	0°53	18°43	6°24	24°27	20°53	29°11	28°43	27°47	5°51	n.a.	T 27
F 28	23 18 5	18° 2'04	11♍ 7	27°17	14°26	1°37	18°42	6°30	24°30	20°53	29°10	28°30	27°44	5°57	n.a.	F 28
S 29	23 22 1	19° 2'46	23°23	28°49	15°40	2°22	18°41	6°35	24°34	20°52	29° 9	28°15	27°40	6° 4	n.a.	S 29
S 30	23 25 58	20♍ 3'30	5♎49	0♎22	16♌54	3♎ 6	18♑41	6♏41	24♎37	20♉52	29♈ 9	28♐ 1	27♐37	6♌11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n49	1n48	4s54	19n 0	1n50	23n23	0s 0	7n36	0n27	23s54	1s33	11s47	1n35	8s54	0n22	17n 4	1s20	3n40	8s23	23s56	23s56	17n 7		n.a.
S 2	14 29	3s13	5 5	18 27	1 47	23 20	0n 3	7 18	0 26	23 55	1 33	11 49	1 35	8 55	0 22	17 4	1 20	3 40	8 23	23 56	23 56	17 4		n.a.
M 3	14 9	8 11	5 3	17 52	1 44	23 17	0 7	7 1	0 26	23 55	1 33	11 50	1 34	8 55	0 22	17 4	1 20	3 40	8 23	23 56	23 56	17 2		n.a.
T 4	13 49	12 54	4 46	17 16	1 40	23 12	0 11	6 44	0 25	23 56	1 32	11 52	1 34	8 56	0 22	17 4	1 20	3 39	8 23	23 56	23 56	17 0		n.a.
W 5	13 29	17 8	4 15	16 40	1 36	23 7	0 14	6 26	0 24	23 57	1 32	11 53	1 34	8 57	0 22	17 5	1 20	3 39	8 24	23 56	23 55	16 58		n.a.
T 6	13 8	20 39	3 30	16 2	1 32	23 1	0 18	6 8	0 24	23 57	1 32	11 55	1 34	8 58	0 22	17 5	1 20	3 39	8 24	23 56	23 55	16 55		n.a.
F 7	12 48	23 10	2 32	15 24	1 28	22 54	0 21	5 51	0 23	23 58	1 32	11 56	1 34	8 59	0 22	17 5	1 20	3 38	8 24	23 56	23 55	16 53		n.a.
S 8	12 27	24 23	1 24	14 45	1 23	22 47	0 24	5 33	0 22	23 59	1 32	11 58	1 33	9 0	0 22	17 5	1 20	3 38	8 24	23 56	23 55	16 51		n.a.
S 9	12 5	24 5	0 10	14 5	1 18	22 39	0 28	5 15	0 22	23 59	1 32	11 59	1 33	9 1	0 22	17 5	1 20	3 38	8 24	23 56	23 55	16 48		n.a.
M10	11 44	22 11	1n 7	13 24	1 13	22 30	0 31	4 58	0 21	24 0	1 32	12 1	1 33	9 2	0 22	17 4	1 20	3 38	8 24	23 56	23 55	16 46		n.a.
T 11	11 22	18 44	2 21	12 43	1 8	22 21	0 34	4 40	0 20	24 0	1 32	12 2	1 33	9 3	0 22	17 4	1 20	3 37	8 24	23 56	23 55	16 44		n.a.
W12	11 0	14 1	3 27	12 2	1 2	22 11	0 37	4 22	0 20	24 1	1 31	12 4	1 33	9 4	0 22	17 4	1 20	3 37	8 24	23 56	23 55	16 42		n.a.
T 13	10 38	8 25	4 18	11 20	0 56	22 0	0 40	4 4	0 19	24 1	1 31	12 6	1 32	9 5	0 22	17 4	1 20	3 37	8 25	23 56	23 55	16 39		n.a.
F 14	10 16	2 21	4 50	10 38	0 50	21 49	0 43	3 46	0 18	24 1	1 31	12 7	1 32	9 6	0 22	17 4	1 20	3 36	8 25	23 56	23 55	16 37		n.a.
S 15	9 54	3n45	5 3	9 56	0 44	21 37	0 46	3 28	0 18	24 2	1 31	12 9	1 32	9 7	0 22	17 4	1 20	3 36	8 25	23 56	23 55	16 35		n.a.
S 16	9 31	9 29	4 56	9 13	0 38	21 24	0 49	3 9	0 17	24 2	1 31	12 11	1 32	9 8	0 22	17 4	1 20	3 36	8 25	23 56	23 55	16 32		n.a.
M17	9 8	14 33	4 31	8 30	0 32	21 11	0 52	2 51	0 16	24 2	1 31	12 13	1 32	9 9	0 22	17 4	1 21	3 35	8 25	23 56	23 55	16 30		n.a.
T 18	8 46	18 42	3 51	7 47	0 26	20 57	0 54	2 33	0 16	24 3	1 31	12 14	1 31	9 10	0 22	17 4	1 21	3 35	8 25	23 56	23 55	16 28		n.a.
W19	8 23	21 46	3 1	7 3	0 19	20 43	0 57	2 15	0 15	24 3	1 30	12 16	1 31	9 11	0 22	17 4	1 21	3 35	8 25	23 56	23 55	16 26		n.a.
T 20	7 59	23 40	2 3	6 20	0 13	20 27	1 0	1 56	0 14	24 3	1 30	12 18	1 31	9 12	0 22	17 4	1 21	3 34	8 25	23 56	23 55	16 23		n.a.
F 21	7 36	24 21	1 1	5 36	0 6	20 12	1 2	1 38	0 14	24 3	1 30	12 20	1 31	9 13	0 22	17 4	1 21	3 34	8 25	23 56	23 55	16 21		n.a.
S 22	7 13	23 53	0s 3	4 52	0s 0	19 55	1 5	1 20	0 13	24 3	1 30	12 22	1 31	9 14	0 22	17 4	1 21	3 34	8 26	23 56	23 55	16 19		n.a.
S 23	6 49	22 19	1 6	4 9	0 7	19 38	1 7	1 1	0 12	24 3	1 30	12 23	1 31	9 15	0 22	17 3	1 21	3 33	8 26	23 56	23 55	16 16		n.a.
M24	6 25	19 49	2 5	3 25	0 13	19 20	1 9	0 43	0 12	24 4	1 29	12 25	1 30	9 17	0 22	17 3	1 21	3 33	8 26	23 56	23 55	16 14		n.a.
T 25	6 1	16 29	2 58	2 41	0 20	19 2	1 12	0 24	0 11	24 4	1 29	12 27	1 30	9 18	0 22	17 3	1 21	3 33	8 26	23 56	23 55	16 12		n.a.
W26	5 38	12 29	3 45	1 57	0 26	18 43	1 14	0 6	0 10	24 4	1 29	12 29	1 30	9 19	0 22	17 3	1 21	3 32	8 26	23 55	23 55	16 9		n.a.
T 27	5 14	7 59	4 21	1 14	0 33	18 24	1 16	0s13	0 10	24 4	1 29	12 31	1 30	9 20	0 22	17 3	1 21	3 32	8 26	23 55	23 55	16 7		n.a.
F 28	4 49	3 8	4 47	0 30	0 39	18 4	1 18	0 31	0 9	24 3	1 29	12 33	1 30	9 21	0 21	17 3	1 21	3 32	8 26	23 55	23 55	16 5		n.a.
S 29	4 25	1s53	4 59	0s13	0 46	17 44	1 20	0 50	0 8	24 3	1 29	12 35	1 30	9 22	0 21	17 2	1 21	3 31	8 26	23 55	23 54	16 2		n.a.
S 30	4n 1	6s53	4s57	0s56	0s52	17n23	1n21	1s 8	0n 8	24s 3	1s28	12s37	1n29	9s24	0n21	17n 2	1s21	3n31	8s26	23s55	23s54	16n 0		n.a.

Julian Day Number = 973634.5, Delta T = 13h22m17s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'49, Lahiri = -32°10'49 Julian Calendar 1 Sept. 2048 BCE == Greg. Calendar 15 Aug. 2048 BCE

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

OCTOBER 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 29 54	21♍ 4'16	18♎26	1♎54	18♌ 8	3♎50	18°R41	6♏46	24♎40	20°R51	29°R 8	27°R48	27♐34	6♌17	n.a.	M 1
T 2	23 33 51	22° 5'02	1♏14	3°26	19°22	4°35	18°D41	6°52	24°43	20♉50	29♈ 7	27♐38	27°31	6°24	n.a.	T 2
W 3	23 37 48	23° 5'51	14°12	4°57	20°36	5°19	18♑41	6°57	24°46	20°49	29° 6	27°30	27°28	6°31	n.a.	W 3
T 4	23 41 44	24° 6'40	27°23	6°28	21°50	6° 4	18°41	7° 3	24°50	20°49	29° 5	27°25	27°24	6°37	n.a.	T 4
F 5	23 45 41	25° 7'31	10♐46	7°59	23° 4	6°48	18°42	7° 9	24°53	20°48	29° 4	27°24	27°21	6°44	n.a.	F 5
S 6	23 49 37	26° 8'23	24°25	9°30	24°18	7°33	18°43	7°15	24°56	20°47	29° 3	27°23	27°18	6°51	n.a.	S 6
S 7	23 53 34	27° 9'17	8♑20	11° 0	25°33	8°18	18°44	7°21	24°59	20°46	29° 2	27°23	27°15	6°57	n.a.	S 7
M 8	23 57 30	28°10'11	22°32	12°30	26°47	9° 3	18°45	7°27	25° 3	20°45	29° 1	27°22	27°12	7° 4	n.a.	M 8
T 9	0 1 27	29°11'06	6♒59	13°59	28° 1	9°47	18°46	7°33	25° 6	20°44	29° 0	27°18	27° 9	7°11	n.a.	T 9
W10	0 5 23	0♎12'02	21°40	15°28	29°15	10°32	18°48	7°39	25° 9	20°44	28°59	27°12	27° 5	7°17	n.a.	W10
T 11	0 9 20	1°13'00	6♓27	16°57	0♍30	11°17	18°50	7°45	25°13	20°43	28°58	27° 3	27° 2	7°24	n.a.	T 11
F 12	0 13 17	2°13'58	21°14	18°25	1°44	12° 2	18°52	7°51	25°16	20°42	28°57	26°51	26°59	7°31	n.a.	F 12
S 13	0 17 13	3°14'58	5♈51	19°53	2°59	12°47	18°54	7°57	25°20	20°41	28°56	26°39	26°56	7°38	n.a.	S 13
S 14	0 21 10	4°15'58	20°12	21°20	4°13	13°32	18°57	8° 3	25°23	20°40	28°55	26°27	26°53	7°44	n.a.	S 14
M15	0 25 6	5°17'00	4♉10	22°47	5°28	14°17	18°59	8° 9	25°27	20°38	28°54	26°17	26°50	7°51	n.a.	M15
T 16	0 29 3	6°18'04	17°42	24°12	6°43	15° 2	19° 2	8°16	25°30	20°37	28°53	26° 9	26°46	7°58	n.a.	T 16
W17	0 32 59	7°19'09	0♊47	25°37	7°57	15°47	19° 5	8°22	25°34	20°36	28°52	26° 4	26°43	8° 4	n.a.	W17
T 18	0 36 56	8°20'15	13°27	27° 1	9°12	16°33	19° 8	8°28	25°37	20°35	28°51	26° 2	26°40	8°11	n.a.	T 18
F 19	0 40 52	9°21'22	25°47	28°23	10°27	17°18	19°12	8°35	25°41	20°34	28°49	26°D 1	26°37	8°18	n.a.	F 19
S 20	0 44 49	10°22'30	7♋50	29°44	11°42	18° 3	19°15	8°41	25°44	20°33	28°48	26°R 2	26°34	8°24	n.a.	S 20
S 21	0 48 46	11°23'40	19°44	1♏ 4	12°56	18°49	19°19	8°48	25°48	20°32	28°47	26° 1	26°30	8°31	n.a.	S 21
M22	0 52 42	12°24'51	1♌32	2°22	14°11	19°34	19°23	8°54	25°51	20°30	28°46	25°59	26°27	8°38	n.a.	M22
T 23	0 56 39	13°26'03	13°22	3°37	15°26	20°20	19°27	9° 1	25°55	20°29	28°45	25°55	26°24	8°44	n.a.	T 23
W24	1 0 35	14°27'16	25°16	4°50	16°41	21° 5	19°32	9° 7	25°58	20°28	28°44	25°49	26°21	8°51	n.a.	W24
T 25	1 4 32	15°28'30	7♍19	6° 1	17°56	21°51	19°36	9°14	26° 2	20°26	28°43	25°39	26°18	8°58	n.a.	T 25
F 26	1 8 28	16°29'45	19°34	7° 8	19°11	22°36	19°41	9°21	26° 6	20°25	28°42	25°27	26°15	9° 4	n.a.	F 26
S 27	1 12 25	17°31'00	2♎ 3	8°11	20°26	23°22	19°46	9°27	26° 9	20°24	28°40	25°15	26°11	9°11	n.a.	S 27
S 28	1 16 21	18°32'17	14°46	9° 9	21°41	24° 8	19°51	9°34	26°13	20°22	28°39	25° 2	26° 8	9°18	n.a.	S 28
M29	1 20 18	19°33'34	27°42	10° 3	22°56	24°53	19°56	9°41	26°17	20°21	28°38	24°50	26° 5	9°24	n.a.	M29
T 30	1 24 15	20°34'51	10♏52	10°51	24°11	25°39	20° 2	9°48	26°20	20°20	28°37	24°41	26° 2	9°31	n.a.	T 30
W31	1 28 11	21♎36'10	24♏12	11♏32	25♍26	26♎25	20♑ 7	9♏54	26♎24	20♉18	28♈36	24♐34	25♐59	9♌38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	3n37	11s41	4s41	1s39	0s58	17n 1	1n23	1s27	0n 7	24s 3	1s28	12s39	1n29	9s25	0n21	17n 2	1s21	3n30	8s26	23s55	23s54	15n58			n.a.
T 2	3 12	16 2	4 11	2 22	1 4	16 39	1 25	1 46	0 6	24 3	1 28	12 41	1 29	9 26	0 21	17 2	1 21	3 30	8 26	23 54	23 54	15 55			n.a.
W 3	2 48	19 43	3 27	3 5	1 10	16 17	1 27	2 4	0 6	24 3	1 28	12 43	1 29	9 27	0 21	17 2	1 21	3 30	8 26	23 54	23 54	15 53			n.a.
T 4	2 23	22 26	2 31	3 47	1 16	15 54	1 28	2 23	0 5	24 2	1 28	12 45	1 29	9 28	0 21	17 1	1 21	3 29	8 26	23 54	23 54	15 51			n.a.
F 5	1 59	23 57	1 27	4 29	1 22	15 31	1 29	2 41	0 4	24 2	1 27	12 47	1 29	9 30	0 21	17 1	1 21	3 29	8 27	23 54	23 54	15 48			n.a.
S 6	1 34	24 4	0 16	5 11	1 28	15 7	1 31	3 0	0 4	24 2	1 27	12 49	1 28	9 31	0 21	17 1	1 21	3 28	8 27	23 54	23 54	15 46			n.a.
S 7	1 9	22 42	0n58	5 52	1 33	14 43	1 32	3 19	0 3	24 1	1 27	12 51	1 28	9 32	0 21	17 1	1 21	3 28	8 27	23 54	23 54	15 44			n.a.
M 8	0 45	19 53	2 9	6 33	1 39	14 18	1 33	3 37	0 2	24 1	1 27	12 53	1 28	9 33	0 21	17 0	1 21	3 28	8 27	23 54	23 54	15 41			n.a.
T 9	0 20	15 48	3 13	7 13	1 44	13 53	1 34	3 56	0 1	24 1	1 27	12 55	1 28	9 35	0 21	17 0	1 21	3 27	8 27	23 54	23 54	15 39			n.a.
W10	0s 5	10 43	4 5	7 53	1 49	13 27	1 35	4 14	0 1	24 0	1 26	12 58	1 28	9 36	0 21	17 0	1 21	3 27	8 27	23 54	23 54	15 37			n.a.
T 11	0 30	4 59	4 41	8 32	1 54	13 1	1 36	4 33	0 0	24 0	1 26	13 0	1 28	9 37	0 21	16 59	1 21	3 26	8 27	23 54	23 54	15 34			n.a.
F 12	0 54	1n 1	4 59	9 11	1 58	12 35	1 37	4 52	0s 1	23 59	1 26	13 2	1 28	9 39	0 21	16 59	1 21	3 26	8 27	23 53	23 54	15 32			n.a.
S 13	1 19	6 53	4 56	9 49	2 2	12 8	1 38	5 10	0 1	23 59	1 26	13 4	1 27	9 40	0 21	16 59	1 21	3 26	8 27	23 53	23 54	15 30			n.a.
S 14	1 44	12 17	4 35	10 26	2 6	11 41	1 39	5 29	0 2	23 58	1 26	13 6	1 27	9 41	0 21	16 59	1 21	3 25	8 27	23 53	23 53	15 27			n.a.
M15	2 8	16 53	3 58	11 2	2 10	11 14	1 39	5 47	0 3	23 58	1 25	13 8	1 27	9 42	0 21	16 58	1 21	3 25	8 27	23 53	23 53	15 25			n.a.
T 16	2 33	20 27	3 8	11 38	2 13	10 46	1 40	6 5	0 3	23 57	1 25	13 11	1 27	9 44	0 21	16 58	1 21	3 24	8 27	23 52	23 53	15 22			n.a.
W17	2 58	22 50	2 10	12 12	2 16	10 18	1 40	6 24	0 4	23 56	1 25	13 13	1 27	9 45	0 21	16 58	1 21	3 24	8 27	23 52	23 53	15 20			n.a.
T 18	3 22	23 58	1 6	12 46	2 19	9 50	1 41	6 42	0 5	23 56	1 25	13 15	1 27	9 46	0 21	16 57	1 21	3 24	8 27	23 52	23 53	15 18			n.a.
F 19	3 47	23 53	0 1	13 18	2 21	9 21	1 41	7 1	0 5	23 55	1 24	13 17	1 27	9 48	0 21	16 57	1 21	3 23	8 27	23 52	23 53	15 15			n.a.
S 20	4 11	22 39	1s 2	13 49	2 22	8 52	1 41	7 19	0 6	23 54	1 24	13 19	1 27	9 49	0 21	16 57	1 21	3 23	8 27	23 52	23 53	15 13			n.a.
S 21	4 36	20 26	2 2	14 19	2 23	8 23	1 41	7 37	0 7	23 54	1 24	13 22	1 26	9 50	0 21	16 56	1 21	3 22	8 27	23 52	23 53	15 11			n.a.
M22	5 0	17 21	2 57	14 47	2 24	7 54	1 42	7 55	0 7	23 53	1 24	13 24	1 26	9 52	0 21	16 56	1 22	3 22	8 27	23 52	23 53	15 8			n.a.
T 23	5 24	13 35	3 43	15 13	2 23	7 24	1 41	8 13	0 8	23 52	1 24	13 26	1 26	9 53	0 21	16 56	1 22	3 22	8 27	23 52	23 53	15 6			n.a.
W24	5 49	9 17	4 21	15 38	2 22	6 55	1 41	8 32	0 9	23 51	1 23	13 28	1 26	9 54	0 21	16 55	1 22	3 21	8 27	23 52	23 53	15 3			n.a.
T 25	6 13	4 34	4 47	16 0	2 21	6 25	1 41	8 50	0 9	23 50	1 23	13 31	1 26	9 56	0 21	16 55	1 22	3 21	8 27	23 51	23 53	15 1			n.a.
F 26	6 37	0s23	5 0	16 20	2 18	5 54	1 41	9 8	0 10	23 49	1 23	13 33	1 26	9 57	0 21	16 54	1 22	3 20	8 27	23 51	23 52	14 59			n.a.
S 27	7 1	5 24	5 0	16 38	2 15	5 24	1 41	9 25	0 11	23 48	1 23	13 35	1 26	9 58	0 21	16 54	1 22	3 20	8 27	23 50	23 52	14 56			n.a.
S 28	7 25	10 17	4 45	16 54	2 10	4 54	1 40	9 43	0 11	23 47	1 23	13 37	1 26	10 0	0 21	16 54	1 22	3 20	8 27	23 50	23 52	14 54			n.a.
M29	7 48	14 49	4 14	17 6	2 5	4 23	1 40	10 1	0 12	23 46	1 22	13 40	1 26	10 1	0 21	16 53	1 22	3 19	8 27	23 50	23 52	14 52			n.a.
T 30	8 12	18 42	3 30	17 15	1 58	3 52	1 39	10 19	0 13	23 45	1 22	13 42	1 25	10 2	0 21	16 53	1 22	3 19	8 27	23 49	23 52	14 49			n.a.
W31	8s35	21s41	2s34	17s21	1s50	3n21	1n39	10s36	0s14	23s44	1s22	13s44	1n25	10s 4	0n21	16n53	1s22	3n18	8s27	23s49	23s52	14n47			n.a.

Julian Day Number = 973664.5, Delta T = 13h22m15s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'45, Lahiri = -32°10'45 Julian Calendar 1 Oct. 2048 BCE == Greg. Calendar 14 Sept. 2048 BCE

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

NOVEMBER 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 32 8	22♎37'28	7♐42	12♏ 6	26♍41	27♎11	20♑13	10♏ 1	26♎27	20°R17	28°R35	24°R30	25♐55	9♌44	n.a.	T 1
F 2	1 36 4	23°38'47	21°22	12°31	27°56	27°57	20°19	10° 8	26°31	20♉15	28♈33	24°D29	25°52	9°51	n.a.	F 2
S 3	1 40 1	24°40'06	5♑ 9	12°48	29°11	28°43	20°25	10°15	26°35	20°14	28°32	24♐29	25°49	9°58	n.a.	S 3
S 4	1 43 57	25°41'25	19° 6	12°R54	0♎27	29°29	20°32	10°22	26°38	20°12	28°31	24°R30	25°46	10° 5	n.a.	S 4
M 5	1 47 54	26°42'44	3♒10	12°50	1°42	0♏15	20°38	10°29	26°42	20°11	28°30	24°30	25°43	10°11	n.a.	M 5
T 6	1 51 51	27°44'03	17°21	12°34	2°57	1° 1	20°45	10°36	26°46	20° 9	28°29	24°28	25°40	10°18	n.a.	T 6
W 7	1 55 47	28°45'22	1♓39	12° 6	4°12	1°47	20°52	10°43	26°49	20° 8	28°27	24°24	25°36	10°25	n.a.	W 7
T 8	1 59 44	29°46'41	15°58	11°27	5°27	2°33	20°59	10°50	26°53	20° 6	28°26	24°17	25°33	10°31	n.a.	T 8
F 9	2 3 40	0♏47'59	0♈16	10°36	6°42	3°19	21° 6	10°57	26°57	20° 4	28°25	24° 9	25°30	10°38	n.a.	F 9
S 10	2 7 37	1°49'18	14°27	9°35	7°58	4° 6	21°13	11° 4	27° 0	20° 3	28°24	24° 0	25°27	10°45	n.a.	S 10
S 11	2 11 33	2°50'37	28°26	8°26	9°13	4°52	21°21	11°11	27° 4	20° 1	28°23	23°51	25°24	10°51	n.a.	S 11
M12	2 15 30	3°51'56	12♉ 7	7°10	10°28	5°38	21°28	11°18	27° 8	20° 0	28°21	23°43	25°21	10°58	n.a.	M12
T 13	2 19 26	4°53'15	25°29	5°49	11°43	6°24	21°36	11°25	27°11	19°58	28°20	23°38	25°17	11° 5	n.a.	T 13
W14	2 23 23	5°54'34	8♊29	4°28	12°58	7°11	21°44	11°32	27°15	19°56	28°19	23°34	25°14	11°11	n.a.	W14
T 15	2 27 20	6°55'53	21° 8	3° 7	14°13	7°57	21°52	11°39	27°18	19°55	28°18	23°D33	25°11	11°18	n.a.	T 15
F 16	2 31 16	7°57'12	3♋29	1°50	15°29	8°44	22° 0	11°46	27°22	19°53	28°17	23°33	25° 8	11°25	n.a.	F 16
S 17	2 35 13	8°58'31	15°35	0°39	16°44	9°30	22° 9	11°53	27°26	19°51	28°16	23°35	25° 5	11°31	n.a.	S 17
S 18	2 39 9	9°59'51	27°31	29♎36	17°59	10°17	22°17	12° 0	27°29	19°50	28°14	23°36	25° 1	11°38	n.a.	S 18
M19	2 43 6	11° 1'10	9♌21	28°42	19°14	11° 3	22°26	12° 7	27°33	19°48	28°13	23°R37	24°58	11°45	n.a.	M19
T 20	2 47 2	12° 2'29	21°12	27°58	20°30	11°50	22°35	12°14	27°36	19°46	28°12	23°36	24°55	11°51	n.a.	T 20
W21	2 50 59	13° 3'48	3♍ 7	27°24	21°45	12°36	22°44	12°21	27°40	19°45	28°11	23°34	24°52	11°58	n.a.	W21
T 22	2 54 56	14° 5'07	15°13	27° 0	23° 0	13°23	22°53	12°28	27°43	19°43	28°10	23°30	24°49	12° 5	n.a.	T 22
F 23	2 58 52	15° 6'26	27°32	26°46	24°15	14° 9	23° 2	12°35	27°47	19°41	28° 9	23°25	24°46	12°12	n.a.	F 23
S 24	3 2 49	16° 7'45	10♎ 8	26°D42	25°30	14°56	23°11	12°42	27°50	19°40	28° 8	23°18	24°42	12°18	n.a.	S 24
S 25	3 6 45	17° 9'03	23° 2	26°46	26°46	15°43	23°21	12°49	27°54	19°38	28° 6	23°11	24°39	12°25	n.a.	S 25
M26	3 10 42	18°10'21	6♏15	26°58	28° 1	16°30	23°30	12°56	27°57	19°36	28° 5	23° 5	24°36	12°32	n.a.	M26
T 27	3 14 38	19°11'39	19°46	27°18	29°16	17°16	23°40	13° 3	28° 1	19°35	28° 4	23° 0	24°33	12°38	n.a.	T 27
W28	3 18 35	20°12'56	3♐32	27°45	0♏31	18° 3	23°50	13°10	28° 4	19°33	28° 3	22°57	24°30	12°45	n.a.	W28
T 29	3 22 31	21°14'12	17°29	28°18	1°47	18°50	24° 0	13°17	28° 8	19°31	28° 2	22°D55	24°27	12°52	n.a.	T 29
F 30	3 26 28	22♏15'27	1♑36	28♎56	3♏ 2	19♏37	24♑10	13♏24	28♎11	19♉29	28♈ 1	22♐56	24♐23	12♌58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s59	23 s30	1 s28	17 s23	1 s41	2n50	1n38	10 s54	0 s14	23 s43	1 s22	13 s46	1n25	10 s 5	0n21	16n52	1 s22	3n18	8 s27	23 s49	23 s52	14n44		n.a.
F 2	9 22	23 55	0 17	17 21	1 31	2 19	1 37	11 11	0 15	23 42	1 22	13 49	1 25	10 7	0 21	16 52	1 22	3 18	8 27	23 49	23 52	14 42		n.a.
S 3	9 45	22 53	0n57	17 14	1 19	1 48	1 36	11 29	0 16	23 41	1 21	13 51	1 25	10 8	0 21	16 51	1 22	3 17	8 27	23 49	23 52	14 39		n.a.
S 4	10 8	20 26	2 8	17 4	1 5	1 16	1 35	11 46	0 16	23 40	1 21	13 53	1 25	10 9	0 21	16 51	1 22	3 17	8 27	23 49	23 52	14 37		n.a.
M 5	10 30	16 45	3 12	16 48	0 50	0 45	1 34	12 3	0 17	23 39	1 21	13 56	1 25	10 11	0 21	16 50	1 22	3 16	8 27	23 49	23 51	14 35		n.a.
T 6	10 53	12 4	4 4	16 27	0 34	0 14	1 33	12 20	0 18	23 37	1 21	13 58	1 25	10 12	0 21	16 50	1 22	3 16	8 27	23 49	23 51	14 32		n.a.
W 7	11 15	6 43	4 42	16 2	0 16	0 s18	1 32	12 37	0 18	23 36	1 21	14 0	1 25	10 13	0 21	16 50	1 22	3 16	8 27	23 48	23 51	14 30		n.a.
T 8	11 37	1 1	5 2	15 32	0n 3	0 49	1 31	12 54	0 19	23 35	1 21	14 2	1 25	10 15	0 21	16 49	1 22	3 15	8 27	23 48	23 51	14 27		n.a.
F 9	11 59	4n44	5 4	14 57	0 23	1 21	1 30	13 11	0 20	23 33	1 20	14 5	1 25	10 16	0 21	16 49	1 22	3 15	8 27	23 48	23 51	14 25		n.a.
S 10	12 21	10 12	4 47	14 18	0 43	1 52	1 29	13 27	0 20	23 32	1 20	14 7	1 24	10 17	0 21	16 48	1 22	3 15	8 27	23 47	23 51	14 23		n.a.
S 11	12 42	15 3	4 12	13 36	1 3	2 23	1 27	13 44	0 21	23 31	1 20	14 9	1 24	10 19	0 21	16 48	1 22	3 14	8 27	23 47	23 51	14 20		n.a.
M12	13 4	19 1	3 24	12 52	1 23	2 55	1 26	14 0	0 22	23 29	1 20	14 12	1 24	10 20	0 21	16 47	1 22	3 14	8 27	23 47	23 51	14 18		n.a.
T 13	13 25	21 52	2 25	12 8	1 42	3 26	1 24	14 17	0 22	23 28	1 20	14 14	1 24	10 21	0 21	16 47	1 22	3 13	8 27	23 46	23 51	14 15		n.a.
W14	13 46	23 30	1 20	11 23	2 0	3 57	1 23	14 33	0 23	23 26	1 19	14 16	1 24	10 23	0 21	16 47	1 22	3 13	8 26	23 46	23 50	14 13		n.a.
T 15	14 6	23 51	0 13	10 40	2 16	4 28	1 21	14 49	0 23	23 25	1 19	14 18	1 24	10 24	0 21	16 46	1 22	3 13	8 26	23 46	23 50	14 10		n.a.
F 16	14 27	22 59	0 s54	10 1	2 30	4 59	1 20	15 5	0 24	23 23	1 19	14 21	1 24	10 25	0 21	16 46	1 22	3 12	8 26	23 46	23 50	14 8		n.a.
S 17	14 47	21 4	1 57	9 25	2 42	5 30	1 18	15 21	0 25	23 22	1 19	14 23	1 24	10 27	0 21	16 45	1 22	3 12	8 26	23 46	23 50	14 6		n.a.
S 18	15 7	18 15	2 54	8 53	2 52	6 1	1 16	15 36	0 25	23 20	1 19	14 25	1 24	10 28	0 21	16 45	1 22	3 12	8 26	23 46	23 50	14 3		n.a.
M19	15 26	14 42	3 43	8 27	2 59	6 32	1 15	15 52	0 26	23 19	1 19	14 27	1 24	10 29	0 21	16 44	1 22	3 11	8 26	23 46	23 50	14 1		n.a.
T 20	15 46	10 35	4 22	8 7	3 4	7 3	1 13	16 7	0 27	23 17	1 18	14 30	1 24	10 31	0 21	16 44	1 22	3 11	8 26	23 46	23 50	13 58		n.a.
W21	16 5	6 3	4 51	7 51	3 7	7 33	1 11	16 22	0 27	23 15	1 18	14 32	1 24	10 32	0 21	16 43	1 22	3 11	8 26	23 46	23 50	13 56		n.a.
T 22	16 23	1 14	5 7	7 41	3 8	8 3	1 9	16 37	0 28	23 14	1 18	14 34	1 24	10 33	0 21	16 43	1 22	3 10	8 26	23 46	23 49	13 53		n.a.
F 23	16 42	3 s43	5 10	7 37	3 8	8 33	1 7	16 52	0 29	23 12	1 18	14 36	1 24	10 34	0 21	16 42	1 22	3 10	8 26	23 46	23 49	13 51		n.a.
S 24	17 0	8 38	4 57	7 37	3 6	9 3	1 5	17 7	0 29	23 10	1 18	14 39	1 23	10 36	0 21	16 42	1 22	3 10	8 26	23 45	23 49	13 48		n.a.
S 25	17 18	13 17	4 30	7 41	3 3	9 33	1 3	17 21	0 30	23 8	1 18	14 41	1 23	10 37	0 21	16 42	1 22	3 10	8 25	23 45	23 49	13 46		n.a.
M26	17 35	17 26	3 47	7 49	2 59	10 2	1 1	17 36	0 31	23 6	1 17	14 43	1 23	10 38	0 21	16 41	1 22	3 9	8 25	23 45	23 49	13 44		n.a.
T 27	17 53	20 47	2 51	8 1	2 54	10 31	0 59	17 50	0 31	23 5	1 17	14 45	1 23	10 40	0 21	16 41	1 22	3 9	8 25	23 44	23 49	13 41		n.a.
W28	18 10	22 59	1 44	8 16	2 48	11 0	0 57	18 4	0 32	23 3	1 17	14 47	1 23	10 41	0 21	16 40	1 22	3 9	8 25	23 44	23 49	13 39		n.a.
T 29	18 26	23 49	0 30	8 34	2 42	11 29	0 54	18 18	0 32	23 1	1 17	14 50	1 23	10 42	0 21	16 40	1 22	3 8	8 25	23 44	23 49	13 36		n.a.
F 30	18 s42	23 s 8	0n47	8 s54	2n35	11 s57	0n52	18 s31	0 s33	22 s59	1 s17	14 s52	1n23	10 s43	0n21	16n39	1 s22	3n 8	8 s25	23 s44	23 s48	13n34		n.a.

Julian Day Number = 973695.5, Delta T = 13h22m12s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'41, Lahiri = -32°10'40 Julian Calendar 1 Nov. 2048 BCE == Greg. Calendar 15 Oct. 2048 BCE

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ASTRODIENST EPHEMERIS for the year 2048 BCE
geocentric

DECEMBER 2048 BCE (-2047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 30 25	23♏16'42	15♑46	29♎39	4♏17	20♏24	24♑20	13♏31	28♎15	19°R28	28°R 0	22♐57	24♐20	13♌ 5	n.a.	S 1
S 2	3 34 21	24°17'55	29°59	0♏27	5°32	21°11	24°31	13°38	28°18	19♉26	27♈59	22°58	24°17	13°12	n.a.	S 2
M 3	3 38 18	25°19'08	14♒11	1°19	6°47	21°57	24°41	13°45	28°21	19°24	27°58	23° 0	24°14	13°18	n.a.	M 3
T 4	3 42 14	26°20'19	28°21	2°15	8° 2	22°44	24°52	13°52	28°25	19°23	27°57	23°R 0	24°11	13°25	n.a.	T 4
W 5	3 46 11	27°21'28	12♓26	3°14	9°18	23°31	25° 2	13°59	28°28	19°21	27°56	22°59	24° 7	13°32	n.a.	W 5
T 6	3 50 7	28°22'37	26°25	4°16	10°33	24°18	25°13	14° 6	28°31	19°19	27°55	22°57	24° 4	13°39	n.a.	T 6
F 7	3 54 4	29°23'44	10♈17	5°20	11°48	25° 5	25°24	14°13	28°35	19°18	27°54	22°54	24° 1	13°45	n.a.	F 7
S 8	3 58 1	0♐24'51	23°58	6°27	13° 3	25°52	25°35	14°20	28°38	19°16	27°53	22°51	23°58	13°52	n.a.	S 8
S 9	4 1 57	1°25'56	7♉28	7°36	14°18	26°39	25°46	14°26	28°41	19°14	27°52	22°47	23°55	13°59	n.a.	S 9
M10	4 5 54	2°26'59	20°44	8°47	15°33	27°26	25°57	14°33	28°44	19°13	27°51	22°44	23°52	14° 5	n.a.	M10
T 11	4 9 50	3°28'02	3♊45	10° 0	16°48	28°13	26° 9	14°40	28°47	19°11	27°50	22°42	23°48	14°12	n.a.	T 11
W12	4 13 47	4°29'04	16°30	11°14	18° 3	29° 0	26°20	14°47	28°51	19° 9	27°49	22°D41	23°45	14°19	n.a.	W12
T 13	4 17 43	5°30'04	29° 0	12°31	19°18	29°47	26°31	14°54	28°54	19° 8	27°48	22°41	23°42	14°25	n.a.	T 13
F 14	4 21 40	6°31'04	11♋17	13°48	20°33	0♐34	26°43	15° 0	28°57	19° 6	27°47	22°42	23°39	14°32	n.a.	F 14
S 15	4 25 37	7°32'02	23°22	15° 7	21°48	1°21	26°55	15° 7	29° 0	19° 5	27°46	22°43	23°36	14°39	n.a.	S 15
S 16	4 29 33	8°32'59	5♌18	16°27	23° 3	2° 9	27° 6	15°14	29° 3	19° 3	27°45	22°45	23°33	14°45	n.a.	S 16
M17	4 33 30	9°33'55	17° 9	17°48	24°18	2°56	27°18	15°20	29° 6	19° 1	27°45	22°46	23°29	14°52	n.a.	M17
T 18	4 37 26	10°34'50	29° 0	19°11	25°33	3°43	27°30	15°27	29° 9	19° 0	27°44	22°47	23°26	14°59	n.a.	T 18
W19	4 41 23	11°35'44	10♍56	20°34	26°48	4°30	27°42	15°34	29°12	18°58	27°43	22°R47	23°23	15° 6	n.a.	W19
T 20	4 45 19	12°36'37	23° 0	21°59	28° 3	5°17	27°54	15°40	29°15	18°57	27°42	22°47	23°20	15°12	n.a.	T 20
F 21	4 49 16	13°37'28	5♎18	23°24	29°18	6° 4	28° 7	15°47	29°18	18°55	27°41	22°46	23°17	15°19	n.a.	F 21
S 22	4 53 12	14°38'18	17°54	24°51	0♐33	6°51	28°19	15°53	29°20	18°54	27°41	22°45	23°13	15°26	n.a.	S 22
S 23	4 57 9	15°39'07	0♏50	26°18	1°48	7°39	28°31	16° 0	29°23	18°52	27°40	22°44	23°10	15°32	n.a.	S 23
M24	5 1 6	16°39'55	14°10	27°47	3° 3	8°26	28°44	16° 6	29°26	18°51	27°39	22°44	23° 7	15°39	n.a.	M24
T 25	5 5 2	17°40'41	27°53	29°16	4°18	9°13	28°56	16°13	29°29	18°49	27°38	22°43	23° 4	15°46	n.a.	T 25
W26	5 8 59	18°41'26	11♐58	0♐46	5°33	10° 0	29° 9	16°19	29°31	18°48	27°38	22°43	23° 1	15°52	n.a.	W26
T 27	5 12 55	19°42'10	26°20	2°17	6°48	10°47	29°21	16°25	29°34	18°46	27°37	22°D43	22°58	15°59	n.a.	T 27
F 28	5 16 52	20°42'52	10♑54	3°48	8° 3	11°35	29°34	16°31	29°37	18°45	27°36	22°43	22°54	16° 6	n.a.	F 28
S 29	5 20 48	21°43'32	25°34	5°21	9°18	12°22	29°47	16°38	29°39	18°44	27°36	22°43	22°51	16°13	n.a.	S 29
S 30	5 24 45	22°44'10	10♒14	6°55	10°33	13° 9	29°59	16°44	29°42	18°42	27°35	22°R43	22°48	16°19	n.a.	S 30
M31	5 28 42	23♐44'45	24♒47	8♐29	11♐48	13♐56	0♒13	16♏50	29♎44	18♉41	27♈34	22♐43	22♐45	16♌26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s58	20s57	2n 2	9s17	2n28	12s25	0n50	18s45	0s34	22s57	1s17	14s54	1n23	10s45	0n21	16n39	1s22	3n 8	8s25	23s44	23s48	13n31		n.a.
S 2	19 14	17 29	3 9	9 41	2 20	12 53	0 48	18 58	0 34	22 55	1 17	14 56	1 23	10 46	0 21	16 38	1 22	3 8	8 25	23 44	23 48	13 29		n.a.
M 3	19 29	13 0	4 5	10 7	2 12	13 21	0 45	19 11	0 35	22 53	1 16	14 58	1 23	10 47	0 21	16 38	1 22	3 7	8 24	23 44	23 48	13 26		n.a.
T 4	19 44	7 50	4 46	10 34	2 4	13 48	0 43	19 24	0 35	22 51	1 16	15 0	1 23	10 48	0 21	16 37	1 22	3 7	8 24	23 44	23 48	13 24		n.a.
W 5	19 58	2 17	5 9	11 2	1 56	14 14	0 41	19 37	0 36	22 49	1 16	15 2	1 23	10 49	0 21	16 37	1 22	3 7	8 24	23 44	23 48	13 21		n.a.
T 6	20 12	3n20	5 14	11 31	1 48	14 41	0 38	19 49	0 37	22 46	1 16	15 5	1 23	10 51	0 21	16 37	1 22	3 7	8 24	23 44	23 48	13 19		n.a.
F 7	20 26	8 44	5 0	12 1	1 39	15 7	0 36	20 2	0 37	22 44	1 16	15 7	1 23	10 52	0 21	16 36	1 22	3 7	8 24	23 44	23 47	13 17		n.a.
S 8	20 39	13 38	4 29	12 31	1 30	15 32	0 34	20 14	0 38	22 42	1 16	15 9	1 23	10 53	0 21	16 36	1 22	3 6	8 24	23 44	23 47	13 14		n.a.
S 9	20 52	17 48	3 44	13 2	1 22	15 58	0 31	20 26	0 38	22 40	1 16	15 11	1 23	10 54	0 21	16 35	1 21	3 6	8 24	23 44	23 47	13 12		n.a.
M10	21 5	20 59	2 47	13 34	1 13	16 22	0 29	20 37	0 39	22 37	1 16	15 13	1 23	10 55	0 21	16 35	1 21	3 6	8 23	23 44	23 47	13 9		n.a.
T 11	21 17	23 1	1 43	14 5	1 5	16 47	0 26	20 49	0 40	22 35	1 15	15 15	1 23	10 56	0 21	16 34	1 21	3 6	8 23	23 43	23 47	13 7		n.a.
W12	21 28	23 48	0 34	14 37	0 56	17 10	0 24	21 0	0 40	22 33	1 15	15 17	1 23	10 58	0 21	16 34	1 21	3 6	8 23	23 43	23 47	13 4		n.a.
T 13	21 40	23 21	0s35	15 9	0 48	17 34	0 22	21 11	0 41	22 30	1 15	15 19	1 23	10 59	0 21	16 33	1 21	3 5	8 23	23 43	23 47	13 2		n.a.
F 14	21 50	21 46	1 41	15 41	0 40	17 57	0 19	21 22	0 41	22 28	1 15	15 21	1 23	11 0	0 21	16 33	1 21	3 5	8 23	23 43	23 46	12 59		n.a.
S 15	22 1	19 12	2 42	16 12	0 31	18 19	0 17	21 32	0 42	22 26	1 15	15 23	1 23	11 1	0 21	16 33	1 21	3 5	8 23	23 43	23 46	12 57		n.a.
S 16	22 11	15 52	3 35	16 44	0 23	18 41	0 14	21 42	0 43	22 23	1 15	15 25	1 23	11 2	0 21	16 32	1 21	3 5	8 22	23 44	23 46	12 54		n.a.
M17	22 20	11 55	4 18	17 15	0 15	19 3	0 12	21 53	0 43	22 21	1 15	15 27	1 23	11 3	0 21	16 32	1 21	3 5	8 22	23 44	23 46	12 52		n.a.
T 18	22 29	7 32	4 50	17 46	0 7	19 24	0 9	22 2	0 44	22 18	1 15	15 29	1 23	11 4	0 21	16 31	1 21	3 5	8 22	23 44	23 46	12 49		n.a.
W19	22 38	2 51	5 10	18 16	0s 0	19 44	0 7	22 12	0 44	22 16	1 15	15 31	1 23	11 5	0 21	16 31	1 21	3 4	8 22	23 44	23 46	12 47		n.a.
T 20	22 46	2s 0	5 17	18 46	0 8	20 4	0 4	22 21	0 45	22 13	1 14	15 33	1 23	11 6	0 21	16 31	1 21	3 4	8 22	23 44	23 45	12 44		n.a.
F 21	22 54	6 52	5 9	19 15	0 15	20 23	0 2	22 30	0 45	22 11	1 14	15 35	1 23	11 7	0 21	16 30	1 21	3 4	8 22	23 44	23 45	12 42		n.a.
S 22	23 1	11 34	4 47	19 44	0 23	20 42	0s 1	22 39	0 46	22 8	1 14	15 37	1 23	11 8	0 21	16 30	1 21	3 4	8 21	23 44	23 45	12 39		n.a.
S 23	23 8	15 53	4 10	20 12	0 30	21 0	0 3	22 48	0 46	22 5	1 14	15 39	1 23	11 9	0 21	16 29	1 21	3 4	8 21	23 44	23 45	12 37		n.a.
M24	23 15	19 34	3 18	20 40	0 37	21 17	0 6	22 56	0 47	22 3	1 14	15 41	1 23	11 10	0 21	16 29	1 21	3 4	8 21	23 43	23 45	12 34		n.a.
T 25	23 21	22 15	2 14	21 6	0 43	21 34	0 8	23 4	0 47	22 0	1 14	15 42	1 23	11 11	0 21	16 29	1 21	3 4	8 21	23 43	23 45	12 32		n.a.
W26	23 26	23 40	0 59	21 32	0 50	21 50	0 10	23 12	0 48	21 57	1 14	15 44	1 23	11 12	0 21	16 28	1 21	3 4	8 21	23 43	23 44	12 29		n.a.
T 27	23 31	23 33	0n20	21 57	0 56	22 6	0 13	23 19	0 48	21 54	1 14	15 46	1 23	11 13	0 21	16 28	1 21	3 4	8 20	23 43	23 44	12 27		n.a.
F 28	23 36	21 49	1 39	22 22	1 2	22 21	0 15	23 26	0 49	21 51	1 14	15 48	1 23	11 14	0 21	16 28	1 21	3 4	8 20	23 43	23 44	12 24		n.a.
S 29	23 40	18 38	2 53	22 45	1 8	22 35	0 18	23 33	0 49	21 49	1 14	15 50	1 23	11 15	0 21	16 27	1 21	3 4	8 20	23 43	23 44	12 22		n.a.
S 30	23 43	14 17	3 54	23 7	1 13	22 49	0 20	23 40	0 50	21 46	1 14	15 51	1 23	11 16	0 21	16 27	1 21	3 4	8 20	23 43	23 44	12 19		n.a.
M31	23s47	9s 7	4n41	23s28	1s19	23s 2	0s22	23s47	0s50	21s43	1s13	15s53	1n23	11s17	0n21	16n27	1s21	3n 4	8s20	23s43	23s44	12n17		n.a.

Julian Day Number = 973725.5, Delta T = 13h22m10s
Ecliptic obliquity = 23°55'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'37, Lahiri = -32°10'36 Julian Calendar 1 Dec. 2048 BCE == Greg. Calendar 14 Nov. 2048 BCE

The year -2047 astronomical counting style corresponds to year 2048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

JANUARY 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 32 38	24♐45'19	9♓10	10♐ 4	13♐ 3	14♐44	0♒26	16♏56	29♎47	18°R40	27°R34	22°R43	22♐42	16♌33	n.a.	T 1
W 2	5 36 35	25°45'51	23°18	11°40	14°17	15°31	0°39	17° 2	29°49	18♉38	27♈33	22°D43	22°38	16°39	n.a.	W 2
T 3	5 40 31	26°46'21	7♈10	13°17	15°32	16°18	0°52	17° 8	29°52	18°37	27°33	22♐43	22°35	16°46	n.a.	T 3
F 4	5 44 28	27°46'48	20°46	14°55	16°47	17° 5	1° 5	17°14	29°54	18°36	27°32	22°43	22°32	16°53	n.a.	F 4
S 5	5 48 24	28°47'14	4♉ 6	16°34	18° 2	17°52	1°18	17°20	29°56	18°35	27°32	22°44	22°29	16°59	n.a.	S 5
S 6	5 52 21	29°47'37	17°11	18°13	19°17	18°40	1°31	17°26	29°59	18°33	27°31	22°44	22°26	17° 6	n.a.	S 6
M 7	5 56 17	0♊47'58	0♊ 2	19°54	20°31	19°27	1°45	17°31	0♏ 1	18°32	27°31	22°45	22°23	17°13	n.a.	M 7
T 8	6 0 14	1°48'18	12°41	21°36	21°46	20°14	1°58	17°37	0° 3	18°31	27°30	22°46	22°19	17°20	n.a.	T 8
W 9	6 4 11	2°48'35	25° 8	23°18	23° 1	21° 1	2°12	17°43	0° 5	18°30	27°30	22°R46	22°16	17°26	n.a.	W 9
T 10	6 8 7	3°48'50	7♋24	25° 2	24°16	21°48	2°25	17°48	0° 7	18°29	27°29	22°45	22°13	17°33	n.a.	T 10
F 11	6 12 4	4°49'03	19°32	26°46	25°30	22°35	2°39	17°54	0° 9	18°28	27°29	22°44	22°10	17°40	n.a.	F 11
S 12	6 16 0	5°49'15	1♌32	28°32	26°45	23°23	2°52	18° 0	0°11	18°27	27°29	22°43	22° 7	17°46	n.a.	S 12
S 13	6 19 57	6°49'24	13°26	0♋18	28° 0	24°10	3° 6	18° 5	0°13	18°26	27°28	22°40	22° 4	17°53	n.a.	S 13
M14	6 23 53	7°49'32	25°17	2° 6	29°14	24°57	3°19	18°10	0°15	18°25	27°28	22°38	22° 0	18° 0	n.a.	M14
T 15	6 27 50	8°49'37	7♍ 9	3°54	0♋29	25°44	3°33	18°16	0°17	18°24	27°28	22°36	21°57	18° 6	n.a.	T 15
W16	6 31 46	9°49'41	19° 4	5°44	1°44	26°31	3°47	18°21	0°19	18°23	27°28	22°34	21°54	18°13	n.a.	W16
T 17	6 35 43	10°49'43	1♎ 6	7°35	2°58	27°18	4° 1	18°26	0°21	18°22	27°27	22°33	21°51	18°20	n.a.	T 17
F 18	6 39 39	11°49'43	13°21	9°26	4°13	28° 5	4°15	18°31	0°22	18°21	27°27	22°D32	21°48	18°27	n.a.	F 18
S 19	6 43 36	12°49'42	25°52	11°19	5°28	28°52	4°28	18°36	0°24	18°20	27°27	22°33	21°44	18°33	n.a.	S 19
S 20	6 47 33	13°49'38	8♏44	13°13	6°42	29°39	4°42	18°41	0°26	18°19	27°27	22°34	21°41	18°40	n.a.	S 20
M21	6 51 29	14°49'33	22° 1	15° 7	7°57	0♋27	4°56	18°46	0°27	18°19	27°27	22°36	21°38	18°47	n.a.	M21
T 22	6 55 26	15°49'26	5♐43	17° 3	9°11	1°14	5°10	18°51	0°29	18°18	27°26	22°37	21°35	18°53	n.a.	T 22
W23	6 59 22	16°49'17	19°53	18°59	10°26	2° 1	5°24	18°56	0°30	18°17	27°26	22°R38	21°32	19° 0	n.a.	W23
T 24	7 3 19	17°49'06	4♋26	20°56	11°40	2°48	5°38	19° 1	0°32	18°16	27°26	22°37	21°29	19° 7	n.a.	T 24
F 25	7 7 15	18°48'53	19°19	22°54	12°55	3°35	5°52	19° 5	0°33	18°16	27°26	22°36	21°25	19°13	n.a.	F 25
S 26	7 11 12	19°48'38	4♒22	24°52	14°10	4°22	6° 7	19°10	0°35	18°15	27°26	22°33	21°22	19°20	n.a.	S 26
S 27	7 15 8	20°48'20	19°28	26°51	15°24	5° 9	6°21	19°15	0°36	18°14	27°D26	22°29	21°19	19°27	n.a.	S 27
M28	7 19 5	21°48'00	4♓26	28°49	16°39	5°56	6°35	19°19	0°37	18°14	27°26	22°25	21°16	19°34	n.a.	M28
T 29	7 23 2	22°47'38	19° 9	0♒48	17°53	6°42	6°49	19°23	0°38	18°13	27°26	22°21	21°13	19°40	n.a.	T 29
W30	7 26 58	23°47'13	3♈30	2°46	19° 8	7°29	7° 3	19°28	0°40	18°13	27°26	22°18	21°10	19°47	n.a.	W30
T 31	7 30 55	24♋46'45	17♈28	4♒43	20♋22	8♋16	7♒17	19♏32	0♏41	18♉12	27♈26	22♐17	21♐ 6	19♌54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s49	3 s32	5n 9	23 s48	1 s24	23 s14	0 s25	23 s53	0 s51	21 s40	1 s13	15 s55	1n23	11 s18	0n21	16n26	1 s21	3n 4	8 s19	23 s43	23 s43	12n14			n.a.
W 2	23 51	2n 8	5 17	24 6	1 28	23 26	0 27	23 59	0 51	21 37	1 13	15 57	1 23	11 19	0 21	16 26	1 21	3 4	8 19	23 43	23 43	12 12			n.a.
T 3	23 53	7 35	5 7	24 24	1 33	23 36	0 29	24 4	0 52	21 34	1 13	15 58	1 23	11 20	0 21	16 26	1 21	3 4	8 19	23 43	23 43	12 9			n.a.
F 4	23 55	12 35	4 40	24 40	1 37	23 47	0 31	24 9	0 52	21 31	1 13	16 0	1 23	11 20	0 21	16 25	1 21	3 4	8 19	23 43	23 43	12 7			n.a.
S 5	23 55	16 52	3 59	24 54	1 41	23 56	0 33	24 14	0 53	21 28	1 13	16 2	1 23	11 21	0 21	16 25	1 21	3 4	8 19	23 43	23 43	12 4			n.a.
S 6	23 56	20 15	3 5	25 8	1 44	24 5	0 36	24 19	0 53	21 25	1 13	16 3	1 23	11 22	0 21	16 25	1 21	3 4	8 18	23 43	23 42	12 2			n.a.
M 7	23 56	22 34	2 3	25 19	1 48	24 13	0 38	24 24	0 54	21 22	1 13	16 5	1 23	11 23	0 21	16 24	1 21	3 4	8 18	23 44	23 42	11 59			n.a.
T 8	23 55	23 42	0 56	25 30	1 50	24 20	0 40	24 28	0 54	21 19	1 13	16 7	1 23	11 24	0 21	16 24	1 21	3 4	8 18	23 44	23 42	11 57			n.a.
W 9	23 54	23 37	0 s13	25 38	1 53	24 26	0 42	24 32	0 55	21 15	1 13	16 8	1 23	11 24	0 21	16 24	1 20	3 4	8 18	23 44	23 42	11 54			n.a.
T 10	23 52	22 23	1 20	25 45	1 55	24 32	0 44	24 35	0 55	21 12	1 13	16 10	1 23	11 25	0 21	16 24	1 20	3 4	8 18	23 44	23 42	11 52			n.a.
F 11	23 50	20 7	2 23	25 50	1 57	24 37	0 46	24 39	0 56	21 9	1 13	16 11	1 23	11 26	0 21	16 23	1 20	3 4	8 17	23 43	23 41	11 49			n.a.
S 12	23 48	17 0	3 19	25 53	1 58	24 41	0 48	24 42	0 56	21 6	1 13	16 13	1 23	11 26	0 21	16 23	1 20	3 4	8 17	23 43	23 41	11 47			n.a.
S 13	23 45	13 13	4 5	25 55	1 59	24 45	0 50	24 44	0 57	21 2	1 13	16 14	1 23	11 27	0 21	16 23	1 20	3 4	8 17	23 43	23 41	11 44			n.a.
M14	23 41	8 57	4 41	25 54	1 59	24 47	0 52	24 47	0 57	20 59	1 13	16 16	1 23	11 28	0 21	16 23	1 20	3 4	8 17	23 43	23 41	11 41			n.a.
T 15	23 38	4 22	5 4	25 51	1 59	24 49	0 54	24 49	0 57	20 56	1 13	16 17	1 23	11 29	0 21	16 22	1 20	3 4	8 16	23 43	23 41	11 39			n.a.
W16	23 33	0 s24	5 15	25 47	1 59	24 50	0 55	24 51	0 58	20 53	1 13	16 19	1 23	11 29	0 21	16 22	1 20	3 4	8 16	23 43	23 41	11 36			n.a.
T 17	23 29	5 12	5 12	25 40	1 58	24 51	0 57	24 52	0 58	20 49	1 13	16 20	1 23	11 30	0 21	16 22	1 20	3 4	8 16	23 43	23 40	11 34			n.a.
F 18	23 23	9 53	4 55	25 31	1 56	24 50	0 59	24 53	0 59	20 46	1 13	16 22	1 23	11 30	0 21	16 22	1 20	3 5	8 16	23 43	23 40	11 31			n.a.
S 19	23 18	14 17	4 24	25 20	1 54	24 49	1 0	24 54	0 59	20 42	1 12	16 23	1 23	11 31	0 21	16 22	1 20	3 5	8 16	23 43	23 40	11 29			n.a.
S 20	23 12	18 9	3 39	25 6	1 51	24 47	1 2	24 55	0 59	20 39	1 12	16 24	1 23	11 32	0 21	16 21	1 20	3 5	8 15	23 43	23 40	11 26			n.a.
M21	23 5	21 14	2 41	24 50	1 48	24 45	1 4	24 55	1 0	20 35	1 12	16 26	1 23	11 32	0 21	16 21	1 20	3 5	8 15	23 43	23 40	11 24			n.a.
T 22	22 58	23 12	1 32	24 32	1 44	24 41	1 5	24 56	1 0	20 32	1 12	16 27	1 23	11 33	0 21	16 21	1 20	3 5	8 15	23 43	23 39	11 21			n.a.
W23	22 51	23 47	0 15	24 12	1 40	24 37	1 7	24 55	1 1	20 28	1 12	16 28	1 23	11 33	0 21	16 21	1 20	3 5	8 15	23 43	23 39	11 19			n.a.
T 24	22 43	22 47	1n 5	23 49	1 35	24 32	1 8	24 55	1 1	20 25	1 12	16 29	1 24	11 34	0 21	16 21	1 20	3 6	8 14	23 43	23 39	11 16			n.a.
F 25	22 35	20 10	2 21	23 24	1 29	24 26	1 9	24 54	1 1	20 21	1 12	16 31	1 24	11 34	0 21	16 21	1 20	3 6	8 14	23 43	23 39	11 14			n.a.
S 26	22 26	16 10	3 29	22 57	1 23	24 20	1 11	24 53	1 2	20 18	1 12	16 32	1 24	11 35	0 21	16 20	1 20	3 6	8 14	23 43	23 38	11 11			n.a.
S 27	22 17	11 8	4 23	22 28	1 16	24 12	1 12	24 51	1 2	20 14	1 12	16 33	1 24	11 35	0 21	16 20	1 20	3 6	8 14	23 43	23 38	11 8			n.a.
M28	22 7	5 28	4 58	21 56	1 8	24 5	1 13	24 50	1 2	20 10	1 12	16 34	1 24	11 36	0 21	16 20	1 20	3 6	8 13	23 42	23 38	11 6			n.a.
T 29	21 57	0n24	5 12	21 22	1 0	23 56	1 14	24 48	1 3	20 7	1 12	16 35	1 24	11 36	0 21	16 20	1 20	3 7	8 13	23 42	23 38	11 3			n.a.
W30	21 47	6 6	5 7	20 46	0 51	23 46	1 15	24 46	1 3	20 3	1 12	16 37	1 24	11 36	0 21	16 20	1 19	3 7	8 13	23 42	23 38	11 1			n.a.
T 31	21 s36	11n20	4n43	20 s 9	0 s42	23 s36	1 s16	24 s43	1 s 3	19 s59	1 s12	16 s38	1n24	11 s37	0n21	16n20	1 s19	3n 7	8 s13	23 s42	23 s37	10n58			n.a.

Julian Day Number = 973756.5, Delta T = 13h22m08s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'33, Lahiri = -32°10'32 Julian Calendar 1 Jan. 2047 BCE == Greg. Calendar 15 Dec. 2048 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

FEBRUARY 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 34 51	25♉46'15	1♉ 2	6♒40	21♉36	9♉ 3	7♒32	19♏36	0♏42	18°R12	27♈26	22°D17	21♐ 3	20♌ 0	n.a.	F 1
S 2	7 38 48	26°45'43	14°13	8°35	22°51	9°50	7°46	19°40	0°43	18♉11	27°26	22♐18	21° 0	20° 7	n.a.	S 2
S 3	7 42 44	27°45'08	27° 5	10°29	24° 5	10°37	8° 0	19°44	0°44	18°11	27°27	22°19	20°57	20°14	n.a.	S 3
M 4	7 46 41	28°44'31	9♊40	12°20	25°20	11°23	8°14	19°48	0°45	18°11	27°27	22°21	20°54	20°20	n.a.	M 4
T 5	7 50 37	29°43'51	22° 1	14° 9	26°34	12°10	8°29	19°52	0°45	18°10	27°27	22°R21	20°50	20°27	n.a.	T 5
W 6	7 54 34	0♒43'09	4♋13	15°55	27°48	12°57	8°43	19°56	0°46	18°10	27°27	22°21	20°47	20°34	n.a.	W 6
T 7	7 58 30	1°42'24	16°17	17°38	29° 3	13°44	8°57	19°59	0°47	18°10	27°27	22°18	20°44	20°41	n.a.	T 7
F 8	8 2 27	2°41'38	28°15	19°16	0♒17	14°30	9°12	20° 3	0°48	18°10	27°28	22°13	20°41	20°47	n.a.	F 8
S 9	8 6 24	3°40'49	10♌ 9	20°51	1°31	15°17	9°26	20° 6	0°48	18° 9	27°28	22° 7	20°38	20°54	n.a.	S 9
S 10	8 10 20	4°39'57	22° 1	22°21	2°46	16° 3	9°40	20°10	0°49	18° 9	27°28	21°59	20°35	21° 1	n.a.	S 10
M11	8 14 17	5°39'04	3♍53	23°45	4° 0	16°50	9°55	20°13	0°49	18° 9	27°28	21°51	20°31	21° 7	n.a.	M11
T 12	8 18 13	6°38'08	15°46	25° 4	5°14	17°37	10° 9	20°16	0°50	18° 9	27°29	21°42	20°28	21°14	n.a.	T 12
W13	8 22 10	7°37'10	27°43	26°18	6°29	18°23	10°23	20°20	0°50	18° 9	27°29	21°35	20°25	21°21	n.a.	W13
T 14	8 26 6	8°36'11	9♎47	27°25	7°43	19°10	10°38	20°23	0°51	18°D 9	27°30	21°29	20°22	21°28	n.a.	T 14
F 15	8 30 3	9°35'09	22° 1	28°27	8°57	19°56	10°52	20°26	0°51	18° 9	27°30	21°26	20°19	21°34	n.a.	F 15
S 16	8 33 59	10°34'06	4♏29	29°21	10°11	20°43	11° 6	20°29	0°51	18° 9	27°30	21°24	20°16	21°41	n.a.	S 16
S 17	8 37 56	11°33'00	17°15	0♓10	11°26	21°29	11°21	20°31	0°51	18° 9	27°31	21°D24	20°12	21°48	n.a.	S 17
M18	8 41 52	12°31'53	0♐24	0°51	12°40	22°15	11°35	20°34	0°52	18° 9	27°31	21°25	20° 9	21°54	n.a.	M18
T 19	8 45 49	13°30'44	13°59	1°26	13°54	23° 2	11°49	20°37	0°52	18° 9	27°32	21°26	20° 6	22° 1	n.a.	T 19
W20	8 49 46	14°29'33	28° 2	1°53	15° 8	23°48	12° 4	20°39	0°52	18°10	27°32	21°R26	20° 3	22° 8	n.a.	W20
T 21	8 53 42	15°28'20	12♑32	2°14	16°22	24°34	12°18	20°42	0°R52	18°10	27°33	21°24	20° 0	22°14	n.a.	T 21
F 22	8 57 39	16°27'05	27°26	2°28	17°37	25°20	12°33	20°44	0°52	18°10	27°33	21°20	19°56	22°21	n.a.	F 22
S 23	9 1 35	17°25'48	12♒37	2°35	18°51	26° 7	12°47	20°46	0°52	18°10	27°34	21°13	19°53	22°28	n.a.	S 23
S 24	9 5 32	18°24'29	27°55	2°R36	20° 5	26°53	13° 1	20°49	0°52	18°11	27°34	21° 5	19°50	22°35	n.a.	S 24
M25	9 9 28	19°23'07	13♓ 9	2°30	21°19	27°39	13°16	20°51	0°51	18°11	27°35	20°56	19°47	22°41	n.a.	M25
T 26	9 13 25	20°21'44	28° 9	2°18	22°33	28°25	13°30	20°53	0°51	18°11	27°36	20°48	19°44	22°48	n.a.	T 26
W27	9 17 21	21°20'18	12♈46	2° 0	23°47	29°11	13°44	20°55	0°51	18°12	27°36	20°41	19°41	22°55	n.a.	W27
T 28	9 21 18	22♒18'49	26♈55	1♓37	25♒ 1	29♉57	13♒58	20♏56	0♏50	18♉12	27♈37	20♐36	19♐37	23♌ 1	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s25	15n52	4n 4	19 s30	0 s32	23 s25	1 s17	24 s40	1 s 4	19 s56	1 s12	16 s39	1n24	11 s37	0n21	16n20	1 s19	3n 7	8 s13	23 s42	23 s37	10n56		n.a.
S 2	21 14	19 30	3 13	18 49	0 21	23 14	1 18	24 37	1 4	19 52	1 12	16 40	1 24	11 37	0 21	16 20	1 19	3 8	8 12	23 42	23 37	10 53		n.a.
S 3	21 2	22 4	2 14	18 7	0 10	23 2	1 19	24 34	1 4	19 48	1 12	16 41	1 24	11 38	0 21	16 20	1 19	3 8	8 12	23 42	23 37	10 51		n.a.
M 4	20 50	23 29	1 9	17 25	0n 2	22 49	1 20	24 30	1 5	19 44	1 12	16 42	1 24	11 38	0 21	16 20	1 19	3 8	8 12	23 42	23 37	10 48		n.a.
T 5	20 37	23 43	0 2	16 41	0 14	22 35	1 21	24 26	1 5	19 40	1 12	16 43	1 24	11 38	0 21	16 20	1 19	3 8	8 12	23 42	23 36	10 46		n.a.
W 6	20 24	22 47	1 s 4	15 58	0 27	22 21	1 21	24 22	1 5	19 37	1 12	16 44	1 24	11 39	0 21	16 20	1 19	3 9	8 11	23 42	23 36	10 43		n.a.
T 7	20 11	20 49	2 6	15 14	0 40	22 6	1 22	24 17	1 5	19 33	1 12	16 45	1 24	11 39	0 21	16 20	1 19	3 9	8 11	23 42	23 36	10 40		n.a.
F 8	19 57	17 58	3 2	14 31	0 53	21 51	1 22	24 12	1 6	19 29	1 12	16 46	1 24	11 39	0 21	16 20	1 19	3 9	8 11	23 42	23 36	10 38		n.a.
S 9	19 44	14 22	3 50	13 48	1 6	21 34	1 23	24 7	1 6	19 25	1 12	16 47	1 24	11 39	0 21	16 20	1 19	3 10	8 11	23 41	23 35	10 35		n.a.
S 10	19 29	10 15	4 27	13 6	1 19	21 18	1 23	24 2	1 6	19 21	1 12	16 47	1 24	11 40	0 21	16 20	1 19	3 10	8 10	23 41	23 35	10 33		n.a.
M11	19 15	5 45	4 53	12 26	1 32	21 0	1 24	23 56	1 6	19 17	1 12	16 48	1 25	11 40	0 21	16 20	1 19	3 10	8 10	23 40	23 35	10 30		n.a.
T 12	19 0	1 2	5 6	11 47	1 45	20 42	1 24	23 51	1 7	19 13	1 12	16 49	1 25	11 40	0 21	16 20	1 19	3 11	8 10	23 40	23 35	10 28		n.a.
W13	18 44	3 s44	5 6	11 10	1 58	20 23	1 24	23 44	1 7	19 9	1 12	16 50	1 25	11 40	0 21	16 20	1 19	3 11	8 10	23 39	23 34	10 25		n.a.
T 14	18 29	8 25	4 53	10 35	2 10	20 4	1 24	23 38	1 7	19 5	1 12	16 51	1 25	11 40	0 21	16 20	1 19	3 11	8 10	23 39	23 34	10 23		n.a.
F 15	18 13	12 50	4 25	10 2	2 22	19 45	1 25	23 31	1 7	19 1	1 12	16 51	1 25	11 40	0 21	16 20	1 19	3 12	8 9	23 39	23 34	10 20		n.a.
S 16	17 57	16 48	3 45	9 32	2 34	19 24	1 25	23 24	1 8	18 57	1 13	16 52	1 25	11 40	0 21	16 20	1 19	3 12	8 9	23 39	23 34	10 17		n.a.
S 17	17 40	20 6	2 53	9 5	2 44	19 3	1 25	23 17	1 8	18 53	1 13	16 53	1 25	11 40	0 21	16 20	1 18	3 12	8 9	23 39	23 34	10 15		n.a.
M18	17 23	22 27	1 51	8 41	2 54	18 42	1 24	23 10	1 8	18 49	1 13	16 54	1 25	11 41	0 21	16 20	1 18	3 13	8 9	23 39	23 33	10 12		n.a.
T 19	17 6	23 36	0 40	8 20	3 3	18 20	1 24	23 2	1 8	18 45	1 13	16 54	1 25	11 41	0 21	16 20	1 18	3 13	8 8	23 39	23 33	10 10		n.a.
W20	16 49	23 19	0n35	8 3	3 11	17 58	1 24	22 54	1 8	18 41	1 13	16 55	1 25	11 41	0 21	16 20	1 18	3 13	8 8	23 39	23 33	10 7		n.a.
T 21	16 31	21 29	1 51	7 48	3 19	17 35	1 24	22 46	1 9	18 37	1 13	16 55	1 25	11 41	0 21	16 20	1 18	3 14	8 8	23 39	23 33	10 5		n.a.
F 22	16 14	18 9	3 1	7 38	3 25	17 12	1 24	22 38	1 9	18 33	1 13	16 56	1 25	11 41	0 21	16 20	1 18	3 14	8 8	23 38	23 32	10 2		n.a.
S 23	15 55	13 33	3 59	7 31	3 29	16 48	1 23	22 29	1 9	18 29	1 13	16 57	1 25	11 40	0 21	16 21	1 18	3 15	8 8	23 38	23 32	9 59		n.a.
S 24	15 37	8 4	4 40	7 27	3 33	16 23	1 23	22 20	1 9	18 25	1 13	16 57	1 25	11 40	0 21	16 21	1 18	3 15	8 7	23 37	23 32	9 57		n.a.
M25	15 19	2 7	5 2	7 28	3 35	15 59	1 22	22 11	1 9	18 21	1 13	16 58	1 26	11 40	0 21	16 21	1 18	3 16	8 7	23 37	23 32	9 54		n.a.
T 26	15 0	3n51	5 2	7 31	3 35	15 34	1 22	22 2	1 9	18 16	1 13	16 58	1 26	11 40	0 21	16 21	1 18	3 16	8 7	23 36	23 31	9 52		n.a.
W27	14 41	9 28	4 43	7 39	3 35	15 8	1 21	21 52	1 9	18 12	1 13	16 58	1 26	11 40	0 21	16 21	1 18	3 16	8 7	23 36	23 31	9 49		n.a.
T 28	14 s21	14n23	4n 6	7 s49	3n32	14 s42	1 s20	21 s42	1 s10	18 s 8	1 s13	16 s59	1n26	11 s40	0n21	16n21	1 s18	3n17	8 s 7	23 s35	23 s31	9n47		n.a.

Julian Day Number = 973787.5, Delta T = 13h22m06s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'28, Lahiri = -32°10'28 Julian Calendar 1 Feb. 2047 BCE == Greg. Calendar 15 Jan. 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

MARCH 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 25 14	23♒17'19	10♉35	1°R 9	26♒15	0♒43	14♒13	20♏58	0°R50	18♉13	27♈38	20°R33	19♐34	23♌ 8	n.a.	F 1
S 2	9 29 11	24°15'46	23°48	0♓37	27°29	1°29	14°27	21° 0	0♏50	18°13	27°38	20°D33	19°31	23°15	n.a.	S 2
S 3	9 33 8	25°14'11	6♊37	0° 2	28°44	2°15	14°41	21° 1	0°49	18°14	27°39	20♐33	19°28	23°22	n.a.	S 3
M 4	9 37 4	26°12'33	19° 5	29♒23	29°58	3° 1	14°55	21° 3	0°49	18°14	27°40	20°R34	19°25	23°28	n.a.	M 4
T 5	9 41 1	27°10'53	1♋19	28°42	1♓12	3°46	15°10	21° 4	0°48	18°15	27°41	20°33	19°22	23°35	n.a.	T 5
W 6	9 44 57	28° 9'11	13°22	28° 0	2°26	4°32	15°24	21° 5	0°47	18°16	27°42	20°31	19°18	23°42	n.a.	W 6
T 7	9 48 54	29° 7'27	25°18	27°18	3°39	5°18	15°38	21° 6	0°47	18°16	27°42	20°26	19°15	23°48	n.a.	T 7
F 8	9 52 50	0♓ 5'41	7♌10	26°36	4°53	6° 4	15°52	21° 7	0°46	18°17	27°43	20°18	19°12	23°55	n.a.	F 8
S 9	9 56 47	1° 3'52	19° 1	25°54	6° 7	6°49	16° 6	21° 8	0°45	18°18	27°44	20° 8	19° 9	24° 2	n.a.	S 9
S 10	10 0 43	2° 2'02	0♍53	25°15	7°21	7°35	16°20	21° 9	0°44	18°18	27°45	19°55	19° 6	24° 9	n.a.	S 10
M11	10 4 40	3° 0'09	12°47	24°37	8°35	8°20	16°34	21°10	0°43	18°19	27°46	19°42	19° 2	24°15	n.a.	M11
T 12	10 8 36	3°58'15	24°45	24° 3	9°49	9° 6	16°48	21°11	0°42	18°20	27°47	19°29	18°59	24°22	n.a.	T 12
W13	10 12 33	4°56'19	6♎48	23°32	11° 3	9°51	17° 2	21°11	0°41	18°21	27°48	19°17	18°56	24°29	n.a.	W13
T 14	10 16 30	5°54'21	18°58	23° 5	12°17	10°37	17°16	21°12	0°40	18°22	27°48	19° 7	18°53	24°35	n.a.	T 14
F 15	10 20 26	6°52'21	1♏17	22°42	13°31	11°22	17°30	21°12	0°39	18°23	27°49	19° 0	18°50	24°42	n.a.	F 15
S 16	10 24 23	7°50'20	13°48	22°24	14°45	12° 7	17°44	21°12	0°38	18°24	27°50	18°56	18°47	24°49	n.a.	S 16
S 17	10 28 19	8°48'18	26°34	22°10	15°58	12°52	17°58	21°13	0°37	18°25	27°51	18°54	18°43	24°56	n.a.	S 17
M18	10 32 16	9°46'14	9♐39	22° 1	17°12	13°38	18°12	21°R13	0°36	18°26	27°52	18°D53	18°40	25° 2	n.a.	M18
T 19	10 36 12	10°44'09	23° 6	21°D56	18°26	14°23	18°26	21°13	0°35	18°27	27°53	18°R53	18°37	25° 9	n.a.	T 19
W20	10 40 9	11°42'02	6♑59	21°57	19°40	15° 8	18°39	21°13	0°33	18°28	27°54	18°53	18°34	25°16	n.a.	W20
T 21	10 44 5	12°39'54	21°17	22° 2	20°54	15°53	18°53	21°12	0°32	18°29	27°55	18°50	18°31	25°22	n.a.	T 21
F 22	10 48 2	13°37'44	6♒ 0	22°12	22° 7	16°38	19° 7	21°12	0°31	18°30	27°56	18°45	18°27	25°29	n.a.	F 22
S 23	10 51 58	14°35'33	21° 2	22°27	23°21	17°23	19°20	21°12	0°29	18°31	27°58	18°37	18°24	25°36	n.a.	S 23
S 24	10 55 55	15°33'20	6♓16	22°46	24°35	18° 8	19°34	21°11	0°28	18°32	27°59	18°27	18°21	25°43	n.a.	S 24
M25	10 59 52	16°31'06	21°29	23°10	25°49	18°53	19°48	21°11	0°26	18°34	28° 0	18°16	18°18	25°49	n.a.	M25
T 26	11 3 48	17°28'50	6♈33	23°38	27° 2	19°38	20° 1	21°10	0°25	18°35	28° 1	18° 5	18°15	25°56	n.a.	T 26
W27	11 7 45	18°26'32	21°16	24°10	28°16	20°22	20°15	21° 9	0°23	18°36	28° 2	17°56	18°12	26° 3	n.a.	W27
T 28	11 11 41	19°24'13	5♉33	24°46	29°30	21° 7	20°28	21° 8	0°22	18°37	28° 3	17°49	18° 8	26° 9	n.a.	T 28
F 29	11 15 38	20°21'52	19°20	25°26	0♈43	21°52	20°41	21° 7	0°20	18°39	28° 4	17°45	18° 5	26°16	n.a.	F 29
S 30	11 19 34	21°19'29	2♊38	26° 9	1°57	22°36	20°55	21° 6	0°18	18°40	28° 5	17°43	18° 2	26°23	n.a.	S 30
S 31	11 23 31	22♓17'05	15♊30	26♒57	3♈11	23♒21	21♒ 8	21♏ 5	0♏16	18♉41	28♈ 7	17♐42	17♐59	26♌30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s 2	18n24	3n16	8s 3	3n28	14s16	1s20	21s32	1s10	18s 4	1s13	16s59	1n26	11s40	0n21	16n22	1s18	3n17	8s 6	23s35	23s31	9n44		n.a.
S 2	13 42	21 20	2 18	8 20	3 22	13 49	1 19	21 22	1 10	18 0	1 13	17 0	1 26	11 40	0 21	16 22	1 18	3 18	8 6	23 35	23 30	9 41		n.a.
S 3	13 22	23 4	1 14	8 39	3 15	13 22	1 18	21 12	1 10	17 56	1 13	17 0	1 26	11 39	0 21	16 22	1 18	3 18	8 6	23 35	23 30	9 39		n.a.
M 4	13 2	23 36	0 8	9 1	3 7	12 55	1 17	21 1	1 10	17 51	1 13	17 0	1 26	11 39	0 21	16 22	1 18	3 19	8 6	23 35	23 30	9 36		n.a.
T 5	12 42	22 58	0s57	9 24	2 57	12 27	1 16	20 50	1 10	17 47	1 13	17 1	1 26	11 39	0 22	16 22	1 18	3 19	8 5	23 35	23 30	9 34		n.a.
W 6	12 21	21 17	1 58	9 50	2 46	11 59	1 15	20 39	1 10	17 43	1 13	17 1	1 26	11 39	0 22	16 23	1 18	3 20	8 5	23 35	23 29	9 31		n.a.
T 7	12 1	18 40	2 54	10 16	2 33	11 31	1 14	20 28	1 10	17 39	1 14	17 1	1 26	11 39	0 22	16 23	1 17	3 20	8 5	23 35	23 29	9 29		n.a.
F 8	11 40	15 18	3 41	10 43	2 20	11 2	1 13	20 17	1 10	17 34	1 14	17 1	1 26	11 38	0 22	16 23	1 17	3 20	8 5	23 34	23 29	9 26		n.a.
S 9	11 19	11 20	4 18	11 11	2 5	10 33	1 11	20 5	1 10	17 30	1 14	17 1	1 26	11 38	0 22	16 23	1 17	3 21	8 5	23 33	23 28	9 23		n.a.
S 10	10 58	6 57	4 45	11 39	1 50	10 4	1 10	19 53	1 11	17 26	1 14	17 2	1 26	11 38	0 22	16 24	1 17	3 21	8 4	23 32	23 28	9 21		n.a.
M11	10 37	2 19	4 59	12 6	1 35	9 35	1 9	19 41	1 11	17 22	1 14	17 2	1 27	11 37	0 22	16 24	1 17	3 22	8 4	23 31	23 28	9 18		n.a.
T 12	10 15	2s26	5 0	12 33	1 19	9 5	1 7	19 29	1 11	17 17	1 14	17 2	1 27	11 37	0 22	16 24	1 17	3 22	8 4	23 30	23 28	9 16		n.a.
W13	9 54	7 8	4 47	12 58	1 2	8 35	1 6	19 16	1 11	17 13	1 14	17 2	1 27	11 37	0 22	16 24	1 17	3 23	8 4	23 29	23 27	9 13		n.a.
T 14	9 32	11 35	4 22	13 22	0 46	8 5	1 5	19 4	1 11	17 9	1 14	17 2	1 27	11 36	0 22	16 25	1 17	3 23	8 4	23 28	23 27	9 11		n.a.
F 15	9 10	15 38	3 44	13 45	0 30	7 35	1 3	18 51	1 11	17 5	1 14	17 2	1 27	11 36	0 22	16 25	1 17	3 24	8 4	23 28	23 27	9 8		n.a.
S 16	8 48	19 4	2 54	14 6	0 14	7 4	1 1	18 38	1 11	17 0	1 14	17 2	1 27	11 36	0 22	16 25	1 17	3 24	8 3	23 27	23 27	9 5		n.a.
S 17	8 26	21 39	1 55	14 26	0s 1	6 33	1 0	18 25	1 11	16 56	1 14	17 2	1 27	11 35	0 22	16 26	1 17	3 25	8 3	23 27	23 26	9 3		n.a.
M18	8 4	23 9	0 49	14 43	0 17	6 3	0 58	18 12	1 11	16 52	1 15	17 2	1 27	11 35	0 22	16 26	1 17	3 26	8 3	23 27	23 26	9 0		n.a.
T 19	7 41	23 22	0n22	14 58	0 31	5 32	0 56	17 59	1 11	16 48	1 15	17 2	1 27	11 34	0 22	16 26	1 17	3 26	8 3	23 27	23 26	8 58		n.a.
W20	7 19	22 10	1 34	15 11	0 45	5 0	0 55	17 45	1 11	16 43	1 15	17 2	1 27	11 34	0 22	16 27	1 17	3 27	8 3	23 27	23 25	8 55		n.a.
T 21	6 56	19 32	2 42	15 22	0 59	4 29	0 53	17 31	1 11	16 39	1 15	17 2	1 27	11 33	0 22	16 27	1 17	3 27	8 2	23 27	23 25	8 52		n.a.
F 22	6 34	15 35	3 41	15 31	1 11	3 58	0 51	17 18	1 11	16 35	1 15	17 1	1 27	11 33	0 22	16 27	1 17	3 28	8 2	23 26	23 25	8 50		n.a.
S 23	6 11	10 34	4 27	15 37	1 24	3 26	0 49	17 4	1 11	16 31	1 15	17 1	1 27	11 32	0 22	16 28	1 17	3 28	8 2	23 26	23 25	8 47		n.a.
S 24	5 48	4 52	4 54	15 42	1 35	2 55	0 47	16 49	1 11	16 26	1 15	17 1	1 27	11 32	0 22	16 28	1 17	3 29	8 2	23 25	23 24	8 45		n.a.
M25	5 26	1n 8	5 0	15 44	1 45	2 23	0 45	16 35	1 11	16 22	1 15	17 1	1 28	11 31	0 22	16 29	1 17	3 29	8 2	23 24	23 24	8 42		n.a.
T 26	5 3	7 0	4 45	15 43	1 55	1 51	0 43	16 21	1 11	16 18	1 15	17 1	1 28	11 31	0 22	16 29	1 17	3 30	8 2	23 23	23 24	8 39		n.a.
W27	4 40	12 20	4 12	15 41	2 4	1 20	0 41	16 6	1 10	16 14	1 16	17 0	1 28	11 30	0 22	16 29	1 16	3 30	8 1	23 22	23 24	8 37		n.a.
T 28	4 17	16 49	3 23	15 36	2 12	0 48	0 39	15 52	1 10	16 9	1 16	17 0	1 28	11 30	0 22	16 30	1 16	3 31	8 1	23 21	23 23	8 34		n.a.
F 29	3 54	20 13	2 24	15 30	2 20	0 16	0 37	15 37	1 10	16 5	1 16	17 0	1 28	11 29	0 22	16 30	1 16	3 31	8 1	23 21	23 23	8 32		n.a.
S 30	3 30	22 24	1 19	15 21	2 26	0n16	0 35	15 22	1 10	16 1	1 16	16 59	1 28	11 28	0 22	16 31	1 16	3 32	8 1	23 21	23 23	8 29		n.a.
S 31	3s 7	23n19	0n12	15s10	2s32	0n48	0s33	15s 7	1s10	15s57	1s16	16s59	1n28	11s28	0n22	16n31	1s16	3n33	8s 1	23s21	23s22	8n27		n.a.

Julian Day Number = 973815.5, Delta T = 13h22m04s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'25, Lahiri = -32°10'24 Julian Calendar 1 March 2047 BCE == Greg. Calendar 12 Feb. 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

APRIL 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 27 27	23♓14'39	28♊ 0	27♒47	4♈24	24♒ 5	21♒21	21°R 4	0°R15	18♉43	28♈ 8	17°R42	17♐56	26♌36	n.a.	M 1
T 2	11 31 24	24°12'11	10♋13	28°41	5°38	24°50	21°34	21♏ 2	0♏13	18°44	28° 9	17♐41	17°53	26°43	n.a.	T 2
W 3	11 35 21	25° 9'42	22°14	29°39	6°51	25°34	21°47	21° 1	0°11	18°46	28°10	17°39	17°49	26°50	n.a.	W 3
T 4	11 39 17	26° 7'11	4♌ 7	0♓39	8° 5	26°18	22° 0	20°59	0° 9	18°47	28°11	17°34	17°46	26°56	n.a.	T 4
F 5	11 43 14	27° 4'38	15°58	1°43	9°19	27° 3	22°13	20°58	0° 7	18°49	28°13	17°27	17°43	27° 3	n.a.	F 5
S 6	11 47 10	28° 2'04	27°49	2°49	10°32	27°47	22°26	20°56	0° 5	18°50	28°14	17°16	17°40	27°10	n.a.	S 6
S 7	11 51 7	28°59'29	9♍43	3°59	11°46	28°31	22°39	20°54	0° 4	18°52	28°15	17° 4	17°37	27°17	n.a.	S 7
M 8	11 55 3	29°56'52	21°42	5°11	12°59	29°15	22°52	20°52	0° 2	18°53	28°16	16°51	17°33	27°23	n.a.	M 8
T 9	11 59 0	0♈54'14	3♎47	6°26	14°13	29°59	23° 5	20°50	29♎59	18°55	28°18	16°38	17°30	27°30	n.a.	T 9
W10	12 2 56	1°51'35	16° 0	7°43	15°26	0♓43	23°17	20°48	29°57	18°57	28°19	16°26	17°27	27°37	n.a.	W10
T 11	12 6 53	2°48'55	28°22	9° 4	16°39	1°27	23°30	20°46	29°55	18°58	28°20	16°16	17°24	27°43	n.a.	T 11
F 12	12 10 50	3°46'14	10♏53	10°27	17°53	2°11	23°43	20°44	29°53	19° 0	28°22	16° 9	17°21	27°50	n.a.	F 12
S 13	12 14 46	4°43'32	23°34	11°52	19° 6	2°55	23°55	20°42	29°51	19° 2	28°23	16° 5	17°18	27°57	n.a.	S 13
S 14	12 18 43	5°40'49	6♐29	13°20	20°20	3°39	24° 8	20°39	29°49	19° 3	28°24	16° 3	17°14	28° 4	n.a.	S 14
M15	12 22 39	6°38'05	19°39	14°51	21°33	4°22	24°20	20°37	29°47	19° 5	28°26	16°D 3	17°11	28°10	n.a.	M15
T 16	12 26 36	7°35'21	3♑ 6	16°24	22°47	5° 6	24°32	20°34	29°45	19° 7	28°27	16°R 3	17° 8	28°17	n.a.	T 16
W17	12 30 32	8°32'36	16°53	18° 0	24° 0	5°49	24°44	20°32	29°43	19° 9	28°28	16° 3	17° 5	28°24	n.a.	W17
T 18	12 34 29	9°29'51	1♒ 1	19°38	25°13	6°33	24°57	20°29	29°40	19°10	28°30	16° 1	17° 2	28°30	n.a.	T 18
F 19	12 38 25	10°27'05	15°29	21°19	26°27	7°16	25° 9	20°26	29°38	19°12	28°31	15°57	16°58	28°37	n.a.	F 19
S 20	12 42 22	11°24'18	0♓13	23° 2	27°40	8° 0	25°21	20°23	29°36	19°14	28°32	15°51	16°55	28°44	n.a.	S 20
S 21	12 46 19	12°21'31	15° 8	24°47	28°53	8°43	25°33	20°20	29°34	19°16	28°34	15°43	16°52	28°51	n.a.	S 21
M22	12 50 15	13°18'43	0♈ 5	26°35	0♉ 7	9°27	25°44	20°17	29°31	19°18	28°35	15°33	16°49	28°57	n.a.	M22
T 23	12 54 12	14°15'54	14°56	28°26	1°20	10°10	25°56	20°14	29°29	19°20	28°36	15°24	16°46	29° 4	n.a.	T 23
W24	12 58 8	15°13'05	29°31	0♈18	2°33	10°53	26° 8	20°11	29°27	19°21	28°38	15°16	16°43	29°11	n.a.	W24
T 25	13 2 5	16°10'14	13♉45	2°13	3°46	11°36	26°19	20° 8	29°24	19°23	28°39	15°11	16°39	29°17	n.a.	T 25
F 26	13 6 1	17° 7'24	27°32	4°11	5° 0	12°19	26°31	20° 5	29°22	19°25	28°41	15° 7	16°36	29°24	n.a.	F 26
S 27	13 9 58	18° 4'32	10♊53	6°10	6°13	13° 2	26°42	20° 1	29°19	19°27	28°42	15°D 6	16°33	29°31	n.a.	S 27
S 28	13 13 54	19° 1'39	23°48	8°12	7°26	13°45	26°54	19°58	29°17	19°29	28°43	15° 6	16°30	29°38	n.a.	S 28
M29	13 17 51	19°58'46	6♋21	10°15	8°39	14°28	27° 5	19°54	29°15	19°31	28°45	15° 7	16°27	29°44	n.a.	M29
T 30	13 21 48	20♈55'52	18♋36	12♈20	9♉53	15♓11	27♒16	19♏51	29♎12	19♉33	28♈46	15°R 7	16♐24	29♌51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s44	23n 1	0s54	14s57	2s38	1n19	0s30	14s52	1s10	15s52	1s16	16s59	1n28	11s27	0n22	16n32	1s16	3n33	8s 1	23s21	23s22	8n24		n.a.
T 2	2 21	21 36	1 56	14 41	2 42	1 51	0 28	14 36	1 10	15 48	1 16	16 58	1 28	11 26	0 22	16 32	1 16	3 34	8 1	23 21	23 22	8 21		n.a.
W 3	1 58	19 14	2 52	14 24	2 46	2 23	0 26	14 21	1 10	15 44	1 16	16 58	1 28	11 26	0 22	16 32	1 16	3 34	8 0	23 21	23 21	8 19		n.a.
T 4	1 34	16 4	3 39	14 5	2 49	2 55	0 23	14 6	1 10	15 40	1 17	16 57	1 28	11 25	0 22	16 33	1 16	3 35	8 0	23 20	23 21	8 16		n.a.
F 5	1 11	12 18	4 17	13 44	2 51	3 26	0 21	13 50	1 10	15 36	1 17	16 57	1 28	11 24	0 22	16 33	1 16	3 35	8 0	23 19	23 21	8 14		n.a.
S 6	0 48	8 3	4 44	13 21	2 52	3 58	0 19	13 34	1 10	15 31	1 17	16 56	1 28	11 24	0 22	16 34	1 16	3 36	8 0	23 18	23 21	8 11		n.a.
S 7	0 25	3 30	4 58	12 56	2 53	4 29	0 16	13 19	1 9	15 27	1 17	16 56	1 28	11 23	0 22	16 34	1 16	3 37	8 0	23 17	23 20	8 8		n.a.
M 8	0 1	1s13	4 59	12 29	2 53	5 1	0 14	13 3	1 9	15 23	1 17	16 55	1 28	11 22	0 22	16 35	1 16	3 37	8 0	23 16	23 20	8 6		n.a.
T 9	0n22	5 55	4 47	12 0	2 53	5 32	0 12	12 47	1 9	15 19	1 17	16 55	1 28	11 22	0 22	16 35	1 16	3 38	8 0	23 15	23 20	8 3		n.a.
W10	0 45	10 26	4 22	11 29	2 51	6 3	0 9	12 31	1 9	15 15	1 18	16 54	1 28	11 21	0 22	16 36	1 16	3 38	7 59	23 13	23 19	8 1		n.a.
T 11	1 8	14 35	3 44	10 56	2 49	6 34	0 7	12 15	1 9	15 11	1 18	16 54	1 28	11 20	0 22	16 36	1 16	3 39	7 59	23 12	23 19	7 58		n.a.
F 12	1 32	18 9	2 55	10 22	2 47	7 5	0 4	11 58	1 9	15 7	1 18	16 53	1 28	11 19	0 22	16 37	1 16	3 39	7 59	23 12	23 19	7 55		n.a.
S 13	1 55	20 55	1 56	9 46	2 44	7 36	0 2	11 42	1 8	15 3	1 18	16 52	1 28	11 19	0 22	16 37	1 16	3 40	7 59	23 11	23 18	7 53		n.a.
S 14	2 18	22 40	0 51	9 8	2 40	8 7	0n 1	11 26	1 8	14 59	1 18	16 52	1 29	11 18	0 22	16 38	1 16	3 41	7 59	23 11	23 18	7 50		n.a.
M15	2 41	23 12	0n19	8 28	2 35	8 37	0 3	11 9	1 8	14 54	1 18	16 51	1 29	11 17	0 22	16 38	1 16	3 41	7 59	23 11	23 18	7 48		n.a.
T 16	3 4	22 24	1 29	7 46	2 30	9 7	0 6	10 53	1 8	14 50	1 19	16 50	1 29	11 16	0 22	16 39	1 16	3 42	7 59	23 11	23 18	7 45		n.a.
W17	3 27	20 15	2 36	7 3	2 25	9 37	0 8	10 36	1 8	14 46	1 19	16 49	1 29	11 16	0 22	16 39	1 16	3 42	7 59	23 11	23 17	7 42		n.a.
T 18	3 50	16 50	3 35	6 18	2 19	10 7	0 11	10 20	1 7	14 42	1 19	16 49	1 29	11 15	0 22	16 40	1 16	3 43	7 59	23 11	23 17	7 40		n.a.
F 19	4 13	12 21	4 22	5 32	2 12	10 37	0 13	10 3	1 7	14 38	1 19	16 48	1 29	11 14	0 22	16 40	1 16	3 43	7 58	23 10	23 17	7 37		n.a.
S 20	4 36	7 4	4 52	4 43	2 5	11 6	0 16	9 46	1 7	14 34	1 19	16 47	1 29	11 13	0 22	16 41	1 15	3 44	7 58	23 10	23 16	7 35		n.a.
S 21	4 59	1 19	5 3	3 54	1 57	11 35	0 18	9 30	1 7	14 31	1 19	16 46	1 29	11 12	0 22	16 41	1 15	3 45	7 58	23 9	23 16	7 32		n.a.
M22	5 22	4n31	4 54	3 2	1 49	12 4	0 21	9 13	1 7	14 27	1 20	16 45	1 29	11 11	0 22	16 42	1 15	3 45	7 58	23 8	23 16	7 29		n.a.
T 23	5 44	10 3	4 25	2 10	1 40	12 32	0 23	8 56	1 6	14 23	1 20	16 45	1 29	11 11	0 22	16 43	1 15	3 46	7 58	23 7	23 15	7 27		n.a.
W24	6 7	14 55	3 38	1 16	1 31	13 0	0 26	8 39	1 6	14 19	1 20	16 44	1 29	11 10	0 22	16 43	1 15	3 46	7 58	23 6	23 15	7 24		n.a.
T 25	6 29	18 49	2 39	0 20	1 22	13 28	0 28	8 22	1 6	14 15	1 20	16 43	1 29	11 9	0 22	16 44	1 15	3 47	7 58	23 5	23 15	7 22		n.a.
F 26	6 52	21 31	1 33	0n36	1 12	13 56	0 30	8 5	1 6	14 11	1 20	16 42	1 29	11 8	0 22	16 44	1 15	3 47	7 58	23 5	23 14	7 19		n.a.
S 27	7 14	22 54	0 23	1 33	1 2	14 23	0 33	7 48	1 5	14 7	1 21	16 41	1 29	11 7	0 22	16 45	1 15	3 48	7 58	23 5	23 14	7 16		n.a.
S 28	7 36	23 0	0s47	2 32	0 51	14 50	0 35	7 31	1 5	14 4	1 21	16 40	1 29	11 6	0 22	16 45	1 15	3 49	7 58	23 5	23 14	7 14		n.a.
M29	7 58	21 55	1 51	3 31	0 41	15 16	0 38	7 14	1 5	14 0	1 21	16 39	1 29	11 6	0 22	16 46	1 15	3 49	7 58	23 5	23 13	7 11		n.a.
T 30	8n20	19n48	2s50	4n31	0s30	15n42	0n40	6s57	1s 4	13s56	1s21	16s38	1n29	11s 5	0n22	16n47	1s15	3n50	7s58	23s 5	23s13	7n 9		n.a.

Julian Day Number = 973846.5, Delta T = 13h22m02s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'20, Lahiri = -32°10'20 Julian Calendar 1 Apr. 2047 BCE == Greg. Calendar 15 March 2047 BCE

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

MAY 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 25 44	21♈52'57	0♌39	14♈27	11♉ 6	15♓53	27♒27	19°R47	29°R10	19♉35	28♈48	15°R 7	16♐20	29♌58	n.a.	W 1
T 2	13 29 41	22°50'02	12°33	16°35	12°19	16°36	27°38	19♏44	29♎ 7	19°37	28°49	15♐ 5	16°17	0♍ 4	n.a.	T 2
F 3	13 33 37	23°47'05	24°25	18°44	13°32	17°19	27°49	19°40	29° 5	19°39	28°50	15° 1	16°14	0°11	n.a.	F 3
S 4	13 37 34	24°44'08	6♍18	20°54	14°45	18° 1	28° 0	19°36	29° 3	19°41	28°52	14°54	16°11	0°18	n.a.	S 4
S 5	13 41 30	25°41'11	18°16	23° 5	15°58	18°44	28°10	19°33	29° 0	19°43	28°53	14°47	16° 8	0°25	n.a.	S 5
M 6	13 45 27	26°38'13	0♎21	25°16	17°11	19°26	28°21	19°29	28°58	19°45	28°55	14°38	16° 4	0°31	n.a.	M 6
T 7	13 49 23	27°35'15	12°35	27°27	18°24	20° 8	28°31	19°25	28°55	19°48	28°56	14°30	16° 1	0°38	n.a.	T 7
W 8	13 53 20	28°32'16	25° 0	29°38	19°37	20°51	28°42	19°21	28°53	19°50	28°58	14°22	15°58	0°45	n.a.	W 8
T 9	13 57 17	29°29'17	7♏37	1♉48	20°50	21°33	28°52	19°17	28°50	19°52	28°59	14°16	15°55	0°51	n.a.	T 9
F 10	14 1 13	0♉26'18	20°25	3°58	22° 3	22°15	29° 2	19°13	28°48	19°54	29° 0	14°11	15°52	0°58	n.a.	F 10
S 11	14 5 10	1°23'20	3♐26	6° 7	23°16	22°57	29°12	19° 9	28°45	19°56	29° 2	14° 9	15°49	1° 5	n.a.	S 11
S 12	14 9 6	2°20'21	16°38	8°15	24°29	23°39	29°22	19° 5	28°43	19°58	29° 3	14°D 8	15°45	1°12	n.a.	S 12
M13	14 13 3	3°17'22	0♑ 3	10°21	25°42	24°21	29°32	19° 1	28°41	20° 0	29° 5	14° 9	15°42	1°18	n.a.	M13
T 14	14 16 59	4°14'24	13°40	12°26	26°55	25° 3	29°41	18°56	28°38	20° 2	29° 6	14°11	15°39	1°25	n.a.	T 14
W15	14 20 56	5°11'26	27°32	14°30	28° 8	25°45	29°51	18°52	28°36	20° 5	29° 8	14°12	15°36	1°32	n.a.	W15
T 16	14 24 53	6° 8'28	11♒36	16°31	29°21	26°27	0♓ 0	18°48	28°33	20° 7	29° 9	14°R12	15°33	1°39	n.a.	T 16
F 17	14 28 49	7° 5'30	25°52	18°31	0♊34	27° 8	0°10	18°44	28°31	20° 9	29°10	14°10	15°30	1°45	n.a.	F 17
S 18	14 32 46	8° 2'33	10♓18	20°29	1°47	27°50	0°19	18°39	28°29	20°11	29°12	14° 7	15°26	1°52	n.a.	S 18
S 19	14 36 42	8°59'36	24°50	22°26	3° 0	28°32	0°28	18°35	28°26	20°13	29°13	14° 3	15°23	1°59	n.a.	S 19
M20	14 40 39	9°56'40	9♈22	24°20	4°12	29°13	0°37	18°31	28°24	20°15	29°15	13°58	15°20	2° 5	n.a.	M20
T 21	14 44 35	10°53'44	23°49	26°12	5°25	29°55	0°46	18°26	28°21	20°18	29°16	13°54	15°17	2°12	n.a.	T 21
W22	14 48 32	11°50'48	8♉ 3	28° 3	6°38	0♈36	0°55	18°22	28°19	20°20	29°17	13°49	15°14	2°19	n.a.	W22
T 23	14 52 29	12°47'53	22° 1	29°51	7°51	1°17	1° 3	18°18	28°17	20°22	29°19	13°46	15°10	2°26	n.a.	T 23
F 24	14 56 25	13°44'58	5♊38	1♊38	9° 4	1°59	1°12	18°13	28°14	20°24	29°20	13°45	15° 7	2°32	n.a.	F 24
S 25	15 0 22	14°42'04	18°53	3°22	10°16	2°40	1°20	18° 9	28°12	20°27	29°22	13°D45	15° 4	2°39	n.a.	S 25
S 26	15 4 18	15°39'09	1♋47	5° 5	11°29	3°21	1°28	18° 5	28°10	20°29	29°23	13°46	15° 1	2°46	n.a.	S 26
M27	15 8 15	16°36'15	14°20	6°45	12°42	4° 2	1°36	18° 0	28° 7	20°31	29°24	13°47	14°58	2°52	n.a.	M27
T 28	15 12 11	17°33'21	26°37	8°24	13°55	4°43	1°44	17°56	28° 5	20°33	29°26	13°49	14°55	2°59	n.a.	T 28
W29	15 16 8	18°30'27	8♌41	10° 0	15° 7	5°24	1°52	17°51	28° 3	20°35	29°27	13°50	14°51	3° 6	n.a.	W29
T 30	15 20 4	19°27'33	20°38	11°35	16°20	6° 5	2° 0	17°47	28° 1	20°38	29°28	13°R50	14°48	3°13	n.a.	T 30
F 31	15 24 1	20♉24'40	2♍31	13♊ 7	17♊32	6♈45	2♓ 7	17♏42	27♎58	20♉40	29♈30	13♐50	14♐45	3♍19	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	8n42	16n51	3s39	5n31	0s19	16n 8	0n43	6s39	1s 4	13s52	1s21	16s37	1n29	11s 4	0n22	16n47	1s15	3n50	7s57	23s 5	23s13	7n 6			n.a.
T 2	9 3	13 15	4 19	6 31	0 9	16 33	0 45	6 22	1 4	13 49	1 22	16 36	1 29	11 3	0 22	16 48	1 15	3 51	7 57	23 4	23 12	7 3			n.a.
F 3	9 25	9 8	4 47	7 31	0n 2	16 58	0 47	6 5	1 4	13 45	1 22	16 35	1 29	11 2	0 22	16 48	1 15	3 51	7 57	23 4	23 12	7 1			n.a.
S 4	9 46	4 42	5 3	8 31	0 13	17 23	0 50	5 48	1 3	13 42	1 22	16 34	1 29	11 1	0 22	16 49	1 15	3 52	7 57	23 3	23 12	6 58			n.a.
S 5	10 7	0 3	5 6	9 30	0 23	17 47	0 52	5 31	1 3	13 38	1 22	16 33	1 29	11 0	0 22	16 49	1 15	3 53	7 57	23 2	23 11	6 56			n.a.
M 6	10 29	4s38	4 55	10 29	0 33	18 10	0 54	5 13	1 3	13 34	1 22	16 32	1 29	10 59	0 22	16 50	1 15	3 53	7 57	23 1	23 11	6 53			n.a.
T 7	10 50	9 13	4 31	11 26	0 43	18 34	0 56	4 56	1 2	13 31	1 23	16 31	1 29	10 59	0 22	16 51	1 15	3 54	7 57	23 0	23 11	6 50			n.a.
W 8	11 10	13 29	3 54	12 23	0 52	18 56	0 59	4 39	1 2	13 28	1 23	16 30	1 29	10 58	0 22	16 51	1 15	3 54	7 57	22 59	23 10	6 48			n.a.
T 9	11 31	17 14	3 4	13 18	1 1	19 18	1 1	4 22	1 2	13 24	1 23	16 29	1 29	10 57	0 22	16 52	1 15	3 55	7 57	22 59	23 10	6 45			n.a.
F 10	11 51	20 13	2 5	14 11	1 10	19 40	1 3	4 4	1 1	13 21	1 23	16 28	1 29	10 56	0 22	16 52	1 15	3 55	7 57	22 58	23 10	6 43			n.a.
S 11	12 12	22 13	0 58	15 3	1 17	20 1	1 5	3 47	1 1	13 17	1 24	16 27	1 29	10 55	0 22	16 53	1 15	3 56	7 57	22 58	23 9	6 40			n.a.
S 12	12 32	23 1	0n14	15 52	1 25	20 22	1 7	3 30	1 1	13 14	1 24	16 26	1 29	10 54	0 22	16 54	1 15	3 56	7 57	22 58	23 9	6 37			n.a.
M13	12 52	22 30	1 25	16 40	1 31	20 42	1 9	3 12	1 0	13 11	1 24	16 25	1 29	10 53	0 21	16 54	1 15	3 57	7 57	22 58	23 9	6 35			n.a.
T 14	13 11	20 40	2 33	17 25	1 37	21 1	1 11	2 55	1 0	13 7	1 24	16 23	1 29	10 52	0 21	16 55	1 15	3 57	7 57	22 58	23 8	6 32			n.a.
W15	13 31	17 35	3 34	18 9	1 43	21 20	1 13	2 38	1 0	13 4	1 25	16 22	1 29	10 52	0 21	16 55	1 15	3 58	7 57	22 58	23 8	6 30			n.a.
T 16	13 50	13 28	4 22	18 50	1 47	21 38	1 15	2 21	0 59	13 1	1 25	16 21	1 29	10 51	0 21	16 56	1 15	3 58	7 57	22 58	23 8	6 27			n.a.
F 17	14 10	8 32	4 55	19 28	1 51	21 56	1 17	2 3	0 59	12 58	1 25	16 20	1 28	10 50	0 21	16 57	1 15	3 59	7 57	22 58	23 7	6 24			n.a.
S 18	14 28	3 5	5 10	20 4	1 55	22 13	1 18	1 46	0 58	12 55	1 25	16 19	1 28	10 49	0 21	16 57	1 15	3 59	7 57	22 58	23 7	6 22			n.a.
S 19	14 47	2n34	5 5	20 38	1 57	22 30	1 20	1 29	0 58	12 52	1 26	16 18	1 28	10 48	0 21	16 58	1 15	4 0	7 57	22 57	23 7	6 19			n.a.
M20	15 6	8 5	4 41	21 10	1 59	22 46	1 22	1 12	0 58	12 49	1 26	16 17	1 28	10 47	0 21	16 58	1 15	4 0	7 57	22 57	23 6	6 17			n.a.
T 21	15 24	13 7	3 59	21 39	2 1	23 1	1 24	0 54	0 57	12 46	1 26	16 15	1 28	10 46	0 21	16 59	1 15	4 1	7 57	22 56	23 6	6 14			n.a.
W22	15 42	17 21	3 3	22 6	2 1	23 15	1 25	0 37	0 57	12 43	1 26	16 14	1 28	10 46	0 21	17 0	1 15	4 1	7 57	22 56	23 5	6 11			n.a.
T 23	16 0	20 31	1 56	22 30	2 1	23 29	1 27	0 20	0 56	12 40	1 27	16 13	1 28	10 45	0 21	17 0	1 15	4 2	7 57	22 55	23 5	6 9			n.a.
F 24	16 17	22 25	0 44	22 53	2 1	23 43	1 28	0 3	0 56	12 37	1 27	16 12	1 28	10 44	0 21	17 1	1 15	4 2	7 57	22 55	23 5	6 6			n.a.
S 25	16 35	22 59	0s28	23 13	2 0	23 55	1 30	0n14	0 55	12 34	1 27	16 11	1 28	10 43	0 21	17 2	1 15	4 3	7 57	22 55	23 4	6 4			n.a.
S 26	16 52	22 18	1 37	23 31	1 58	24 7	1 31	0 31	0 55	12 32	1 27	16 10	1 28	10 42	0 21	17 2	1 15	4 3	7 57	22 55	23 4	6 1			n.a.
M27	17 8	20 29	2 40	23 46	1 55	24 18	1 32	0 48	0 55	12 29	1 28	16 8	1 28	10 41	0 21	17 3	1 15	4 4	7 57	22 55	23 4	5 58			n.a.
T 28	17 25	17 46	3 34	24 0	1 52	24 29	1 33	1 5	0 54	12 26	1 28	16 7	1 28	10 41	0 21	17 3	1 15	4 4	7 57	22 55	23 3	5 56			n.a.
W29	17 41	14 19	4 17	24 12	1 49	24 39	1 35	1 22	0 54	12 24	1 28	16 6	1 28	10 40	0 21	17 4	1 15	4 5	7 57	22 56	23 3	5 53			n.a.
T 30	17 57	10 21	4 49	24 22	1 45	24 48	1 36	1 39	0 53	12 21	1 29	16 5	1 28	10 39	0 21	17 5	1 15	4 5	7 57	22 56	23 3	5 51			n.a.
F 31	18n13	6n 0	5s 8	24n30	1n40	24n56	1n37	1n56	0s53	12s19	1s29	16s 4	1n28	10s38	0n21	17n 5	1s15	4n 6	7s57	22s56	23s 2	5n48			n.a.

Julian Day Number = 973876.5, Delta T = 13h22m00s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'16, Lahiri = -32°10'16 Julian Calendar 1 May 2047 BCE == Greg. Calendar 14 Apr. 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

JUNE 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 27 58	21♉21'47	14♍26	14♊38	18♊45	7♈26	2♓15	17°R38	27°R56	20♉42	29♈31	13°R48	14♐42	3♍26	n.a.	S 1
S 2	15 31 54	22°18'54	26°26	16° 6	19°58	8° 7	2°22	17♏34	27♎54	20°44	29°32	13♐46	14°39	3°33	n.a.	S 2
M 3	15 35 51	23°16'02	8♎35	17°33	21°10	8°47	2°29	17°29	27°52	20°47	29°34	13°43	14°35	3°39	n.a.	M 3
T 4	15 39 47	24°13'11	20°57	18°57	22°23	9°28	2°36	17°25	27°50	20°49	29°35	13°40	14°32	3°46	n.a.	T 4
W 5	15 43 44	25°10'19	3♏34	20°19	23°35	10° 8	2°43	17°21	27°48	20°51	29°36	13°37	14°29	3°53	n.a.	W 5
T 6	15 47 40	26° 7'29	16°26	21°39	24°48	10°48	2°49	17°16	27°46	20°53	29°38	13°35	14°26	4° 0	n.a.	T 6
F 7	15 51 37	27° 4'40	29°33	22°57	26° 0	11°29	2°56	17°12	27°44	20°55	29°39	13°34	14°23	4° 6	n.a.	F 7
S 8	15 55 34	28° 1'51	12♐56	24°12	27°12	12° 9	3° 2	17° 8	27°42	20°58	29°40	13°D33	14°20	4°13	n.a.	S 8
S 9	15 59 30	28°59'03	26°33	25°26	28°25	12°49	3° 8	17° 3	27°40	21° 0	29°42	13°34	14°16	4°20	n.a.	S 9
M10	16 3 27	29°56'16	10♑21	26°36	29°37	13°29	3°14	16°59	27°38	21° 2	29°43	13°34	14°13	4°27	n.a.	M10
T 11	16 7 23	0♊53'31	24°20	27°45	0♋50	14° 9	3°20	16°55	27°36	21° 4	29°44	13°35	14°10	4°33	n.a.	T 11
W12	16 11 20	1°50'46	8♒25	28°51	2° 2	14°49	3°26	16°51	27°34	21° 6	29°45	13°36	14° 7	4°40	n.a.	W12
T 13	16 15 16	2°48'03	22°37	29°54	3°14	15°29	3°31	16°46	27°32	21° 9	29°47	13°37	14° 4	4°47	n.a.	T 13
F 14	16 19 13	3°45'21	6♓51	0♋54	4°26	16° 8	3°37	16°42	27°30	21°11	29°48	13°R37	14° 1	4°53	n.a.	F 14
S 15	16 23 10	4°42'41	21° 5	1°52	5°39	16°48	3°42	16°38	27°29	21°13	29°49	13°37	13°57	5° 0	n.a.	S 15
S 16	16 27 6	5°40'01	5♈17	2°47	6°51	17°28	3°47	16°34	27°27	21°15	29°50	13°36	13°54	5° 7	n.a.	S 16
M17	16 31 3	6°37'23	19°24	3°38	8° 3	18° 7	3°52	16°30	27°25	21°17	29°51	13°35	13°51	5°14	n.a.	M17
T 18	16 34 59	7°34'47	3♉23	4°27	9°15	18°47	3°57	16°26	27°23	21°20	29°53	13°34	13°48	5°20	n.a.	T 18
W19	16 38 56	8°32'12	17°10	5°12	10°27	19°26	4° 1	16°22	27°22	21°22	29°54	13°34	13°45	5°27	n.a.	W19
T 20	16 42 52	9°29'38	0♊44	5°53	11°39	20° 5	4° 5	16°18	27°20	21°24	29°55	13°34	13°41	5°34	n.a.	T 20
F 21	16 46 49	10°27'06	14° 3	6°30	12°51	20°45	4°10	16°15	27°19	21°26	29°56	13°D34	13°38	5°41	n.a.	F 21
S 22	16 50 45	11°24'35	27° 4	7° 4	14° 3	21°24	4°14	16°11	27°17	21°28	29°57	13°34	13°35	5°47	n.a.	S 22
S 23	16 54 42	12°22'05	9♋49	7°34	15°15	22° 3	4°17	16° 7	27°16	21°30	29°58	13°34	13°32	5°54	n.a.	S 23
M24	16 58 39	13°19'36	22°18	7°59	16°27	22°42	4°21	16° 3	27°14	21°32	29°59	13°R34	13°29	6° 1	n.a.	M24
T 25	17 2 35	14°17'09	4♌33	8°19	17°39	23°21	4°24	16° 0	27°13	21°34	0♉ 0	13°34	13°26	6° 7	n.a.	T 25
W26	17 6 32	15°14'42	16°37	8°35	18°51	24° 0	4°28	15°56	27°11	21°37	0° 1	13°34	13°22	6°14	n.a.	W26
T 27	17 10 28	16°12'17	28°34	8°46	20° 3	24°38	4°31	15°53	27°10	21°39	0° 3	13°33	13°19	6°21	n.a.	T 27
F 28	17 14 25	17° 9'53	10♍27	8°52	21°15	25°17	4°34	15°49	27° 9	21°41	0° 4	13°33	13°16	6°28	n.a.	F 28
S 29	17 18 21	18° 7'30	22°21	8°R52	22°27	25°56	4°36	15°46	27° 8	21°43	0° 5	13°D33	13°13	6°34	n.a.	S 29
S 30	17 22 18	19♊ 5'08	4♎21	8♋47	23♋38	26♈34	4♓39	15♏42	27♎ 6	21♉45	0♉ 6	13♐34	13♐10	6♍41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n28	1n26	5s14	24n36	1n35	25n 4	1n38	2n13	0s52	12s16	1s29	16s 2	1n27	10s38	0n21	17n 6	1s14	4n 6	7s57	22s55	23s 2	5n45		n.a.
S 2	18 43	3s14	5 7	24 40	1 30	25 11	1 39	2 29	0 52	12 14	1 29	16 1	1 27	10 37	0 21	17 6	1 14	4 7	7 57	22 55	23 1	5 43		n.a.
M 3	18 58	7 50	4 45	24 43	1 24	25 17	1 40	2 46	0 51	12 11	1 30	16 0	1 27	10 36	0 21	17 7	1 14	4 7	7 57	22 55	23 1	5 40		n.a.
T 4	19 13	12 12	4 11	24 44	1 17	25 22	1 40	3 3	0 51	12 9	1 30	15 59	1 27	10 35	0 21	17 8	1 14	4 8	7 57	22 54	23 1	5 38		n.a.
W 5	19 27	16 8	3 23	24 44	1 10	25 27	1 41	3 19	0 50	12 7	1 30	15 58	1 27	10 34	0 21	17 8	1 14	4 8	7 57	22 54	23 0	5 35		n.a.
T 6	19 41	19 23	2 24	24 42	1 3	25 31	1 42	3 36	0 50	12 5	1 31	15 57	1 27	10 34	0 21	17 9	1 14	4 8	7 57	22 54	23 0	5 32		n.a.
F 7	19 54	21 43	1 17	24 39	0 55	25 34	1 42	3 52	0 49	12 3	1 31	15 56	1 27	10 33	0 21	17 9	1 14	4 9	7 57	22 54	23 0	5 30		n.a.
S 8	20 7	22 52	0 3	24 34	0 46	25 37	1 43	4 9	0 49	12 1	1 31	15 54	1 27	10 32	0 21	17 10	1 14	4 9	7 57	22 54	22 59	5 27		n.a.
S 9	20 20	22 42	1n11	24 28	0 38	25 38	1 43	4 25	0 48	11 59	1 31	15 53	1 27	10 32	0 21	17 11	1 14	4 10	7 57	22 54	22 59	5 25		n.a.
M10	20 33	21 9	2 23	24 21	0 28	25 39	1 43	4 42	0 48	11 57	1 32	15 52	1 27	10 31	0 21	17 11	1 14	4 10	7 57	22 54	22 58	5 22		n.a.
T 11	20 45	18 18	3 27	24 13	0 19	25 39	1 44	4 58	0 47	11 55	1 32	15 51	1 26	10 30	0 21	17 12	1 14	4 10	7 57	22 54	22 58	5 19		n.a.
W12	20 57	14 22	4 19	24 4	0 9	25 39	1 44	5 14	0 47	11 53	1 32	15 50	1 26	10 30	0 21	17 12	1 14	4 11	7 57	22 54	22 58	5 17		n.a.
T 13	21 9	9 36	4 56	23 54	0s 1	25 37	1 44	5 30	0 46	11 51	1 33	15 49	1 26	10 29	0 21	17 13	1 14	4 11	7 57	22 54	22 57	5 14		n.a.
F 14	21 20	4 19	5 14	23 44	0 12	25 35	1 44	5 46	0 46	11 49	1 33	15 48	1 26	10 28	0 21	17 14	1 14	4 12	7 57	22 54	22 57	5 11		n.a.
S 15	21 31	1n11	5 14	23 32	0 23	25 32	1 44	6 2	0 45	11 48	1 33	15 47	1 26	10 28	0 21	17 14	1 14	4 12	7 57	22 54	22 57	5 9		n.a.
S 16	21 41	6 37	4 54	23 20	0 34	25 29	1 44	6 18	0 45	11 46	1 34	15 46	1 26	10 27	0 21	17 15	1 14	4 12	7 57	22 54	22 56	5 6		n.a.
M17	21 51	11 41	4 17	23 7	0 46	25 24	1 44	6 34	0 44	11 45	1 34	15 45	1 26	10 26	0 21	17 15	1 14	4 13	7 57	22 54	22 56	5 4		n.a.
T 18	22 1	16 5	3 25	22 54	0 58	25 19	1 43	6 50	0 43	11 43	1 34	15 44	1 26	10 26	0 21	17 16	1 14	4 13	7 57	22 54	22 55	5 1		n.a.
W19	22 11	19 33	2 21	22 40	1 10	25 13	1 43	7 6	0 43	11 42	1 35	15 43	1 25	10 25	0 21	17 16	1 14	4 13	7 58	22 54	22 55	4 59		n.a.
T 20	22 20	21 52	1 10	22 26	1 22	25 6	1 42	7 21	0 42	11 41	1 35	15 42	1 25	10 25	0 21	17 17	1 14	4 14	7 58	22 54	22 55	4 56		n.a.
F 21	22 28	22 54	0s 3	22 12	1 34	24 59	1 42	7 37	0 42	11 39	1 35	15 41	1 25	10 24	0 21	17 18	1 14	4 14	7 58	22 54	22 54	4 53		n.a.
S 22	22 36	22 39	1 14	21 57	1 47	24 51	1 41	7 53	0 41	11 38	1 36	15 40	1 25	10 24	0 21	17 18	1 14	4 14	7 58	22 54	22 54	4 51		n.a.
S 23	22 44	21 13	2 20	21 43	2 0	24 42	1 41	8 8	0 41	11 37	1 36	15 39	1 25	10 23	0 21	17 19	1 14	4 15	7 58	22 54	22 53	4 48		n.a.
M24	22 52	18 46	3 19	21 29	2 12	24 32	1 40	8 23	0 40	11 36	1 36	15 38	1 25	10 23	0 21	17 19	1 14	4 15	7 58	22 54	22 53	4 46		n.a.
T 25	22 59	15 32	4 7	21 15	2 25	24 22	1 39	8 38	0 39	11 35	1 37	15 37	1 25	10 22	0 21	17 20	1 14	4 15	7 58	22 54	22 53	4 43		n.a.
W26	23 5	11 41	4 43	21 1	2 38	24 11	1 38	8 54	0 39	11 34	1 37	15 36	1 24	10 22	0 21	17 20	1 14	4 16	7 58	22 54	22 52	4 40		n.a.
T 27	23 12	7 26	5 6	20 48	2 50	23 59	1 37	9 9	0 38	11 33	1 37	15 35	1 24	10 21	0 21	17 21	1 14	4 16	7 58	22 54	22 52	4 38		n.a.
F 28	23 18	2 56	5 16	20 35	3 3	23 47	1 36	9 24	0 38	11 33	1 38	15 34	1 24	10 21	0 21	17 21	1 14	4 16	7 58	22 54	22 51	4 35		n.a.
S 29	23 23	1s41	5 13	20 23	3 14	23 34	1 34	9 39	0 37	11 32	1 38	15 33	1 24	10 20	0 21	17 22	1 14	4 17	7 58	22 54	22 51	4 33		n.a.
S 30	23n28	6s17	4s56	20n12	3s26	23n20	1n33	9n53	0s36	11s31	1s38	15s33	1n24	10s20	0n21	17n22	1s14	4n17	7s58	22s54	22s51	4n30		n.a.

Julian Day Number = 973907.5, Delta T = 13h21m58s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'12, Lahiri = -32°10'12 Julian Calendar 1 June 2047 BCE == Greg. Calendar 15 May 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

JULY 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 26 14	20♊ 2'47	16♎32	8°R36	24♋50	27♈12	4♓41	15°R39	27°R 5	21♉47	0♉ 7	13♐34	13♐ 7	6♍48	n.a.	M 1
T 2	17 30 11	21° 0'28	28°56	8♋20	26° 2	27°51	4°43	15♏36	27♎ 4	21°49	0° 8	13°35	13° 3	6°54	n.a.	T 2
W 3	17 34 8	21°58'10	11♏39	7°58	27°13	28°29	4°45	15°33	27° 3	21°51	0° 9	13°35	13° 0	7° 1	n.a.	W 3
T 4	17 38 4	22°55'54	24°41	7°31	28°25	29° 7	4°47	15°30	27° 2	21°53	0° 9	13°36	12°57	7° 8	n.a.	T 4
F 5	17 42 1	23°53'39	8♐ 4	6°58	29°36	29°45	4°48	15°27	27° 1	21°55	0°10	13°R37	12°54	7°15	n.a.	F 5
S 6	17 45 57	24°51'26	21°48	6°20	0♌48	0♉23	4°50	15°24	27° 0	21°57	0°11	13°36	12°51	7°21	n.a.	S 6
S 7	17 49 54	25°49'14	5♑50	5°38	1°59	1° 1	4°51	15°21	26°59	21°59	0°12	13°36	12°47	7°28	n.a.	S 7
M 8	17 53 50	26°47'05	20° 7	4°51	3°11	1°39	4°52	15°18	26°58	22° 0	0°13	13°35	12°44	7°35	n.a.	M 8
T 9	17 57 47	27°44'56	4♒32	4° 1	4°22	2°17	4°53	15°16	26°58	22° 2	0°14	13°33	12°41	7°42	n.a.	T 9
W10	18 1 43	28°42'50	19° 2	3° 9	5°33	2°55	4°53	15°13	26°57	22° 4	0°15	13°31	12°38	7°48	n.a.	W10
T 11	18 5 40	29°40'46	3♓30	2°15	6°45	3°32	4°53	15°11	26°56	22° 6	0°16	13°30	12°35	7°55	n.a.	T 11
F 12	18 9 37	0♋38'44	17°53	1°20	7°56	4°10	4°R54	15° 8	26°55	22° 8	0°16	13°28	12°32	8° 2	n.a.	F 12
S 13	18 13 33	1°36'44	2♈ 6	0°26	9° 7	4°47	4°54	15° 6	26°55	22°10	0°17	13°D28	12°28	8° 8	n.a.	S 13
S 14	18 17 30	2°34'46	16° 7	29♊34	10°18	5°24	4°53	15° 4	26°54	22°12	0°18	13°28	12°25	8°15	n.a.	S 14
M15	18 21 26	3°32'50	29°56	28°44	11°29	6° 2	4°53	15° 1	26°54	22°13	0°19	13°30	12°22	8°22	n.a.	M15
T 16	18 25 23	4°30'56	13♉31	27°59	12°40	6°39	4°52	14°59	26°53	22°15	0°19	13°31	12°19	8°29	n.a.	T 16
W17	18 29 19	5°29'05	26°53	27°18	13°51	7°16	4°51	14°57	26°53	22°17	0°20	13°32	12°16	8°35	n.a.	W17
T 18	18 33 16	6°27'16	10♊ 2	26°43	15° 2	7°53	4°50	14°55	26°53	22°19	0°21	13°R33	12°13	8°42	n.a.	T 18
F 19	18 37 12	7°25'28	22°58	26°15	16°13	8°30	4°49	14°53	26°52	22°20	0°21	13°33	12° 9	8°49	n.a.	F 19
S 20	18 41 9	8°23'43	5♋41	25°55	17°23	9° 6	4°48	14°52	26°52	22°22	0°22	13°31	12° 6	8°56	n.a.	S 20
S 21	18 45 6	9°22'00	18°13	25°42	18°34	9°43	4°46	14°50	26°52	22°24	0°23	13°28	12° 3	9° 2	n.a.	S 21
M22	18 49 2	10°20'19	0♌32	25°D38	19°45	10°20	4°44	14°48	26°52	22°25	0°23	13°25	12° 0	9° 9	n.a.	M22
T 23	18 52 59	11°18'39	12°42	25°42	20°55	10°56	4°42	14°47	26°52	22°27	0°24	13°20	11°57	9°16	n.a.	T 23
W24	18 56 55	12°17'01	24°43	25°56	22° 6	11°32	4°40	14°46	26°D52	22°28	0°25	13°15	11°53	9°22	n.a.	W24
T 25	19 0 52	13°15'25	6♍38	26°18	23°16	12° 9	4°38	14°44	26°52	22°30	0°25	13°10	11°50	9°29	n.a.	T 25
F 26	19 4 48	14°13'51	18°29	26°49	24°27	12°45	4°35	14°43	26°52	22°32	0°26	13° 6	11°47	9°36	n.a.	F 26
S 27	19 8 45	15°12'19	0♎22	27°28	25°37	13°21	4°32	14°42	26°52	22°33	0°26	13° 4	11°44	9°43	n.a.	S 27
S 28	19 12 41	16°10'49	12°20	28°15	26°47	13°57	4°29	14°41	26°52	22°35	0°27	13°D 3	11°41	9°49	n.a.	S 28
M29	19 16 38	17° 9'20	24°27	29°11	27°57	14°33	4°26	14°40	26°52	22°36	0°27	13° 3	11°38	9°56	n.a.	M29
T 30	19 20 34	18° 7'53	6♏50	0♋13	29° 7	15° 8	4°23	14°39	26°52	22°37	0°27	13° 4	11°34	10° 3	n.a.	T 30
W31	19 24 31	19♋ 6'28	19♏31	1♋23	0♍17	15♉44	4♓19	14♏38	26♎53	22♉39	0♉28	13♐ 6	11♐31	10♍10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23n33	10s42	4s26	20n 2	3s37	23n 6	1n32	10n 8	0s36	11s31	1s39	15s32	1n24	10s19	0n21	17n23	1s14	4n17	7s58	22s54	22s50	4n27			n.a.
T 2	23 37	14 47	3 43	19 53	3 47	22 51	1 30	10 23	0 35	11 30	1 39	15 31	1 23	10 19	0 21	17 24	1 14	4 17	7 59	22 54	22 50	4 25			n.a.
W 3	23 41	18 17	2 48	19 45	3 57	22 35	1 29	10 37	0 34	11 30	1 39	15 30	1 23	10 19	0 21	17 24	1 15	4 18	7 59	22 54	22 49	4 22			n.a.
T 4	23 44	20 59	1 43	19 38	4 5	22 19	1 27	10 52	0 34	11 29	1 40	15 30	1 23	10 18	0 21	17 25	1 15	4 18	7 59	22 54	22 49	4 20			n.a.
F 5	23 47	22 36	0 31	19 32	4 13	22 2	1 25	11 6	0 33	11 29	1 40	15 29	1 23	10 18	0 21	17 25	1 15	4 18	7 59	22 54	22 49	4 17			n.a.
S 6	23 50	22 55	0n45	19 28	4 19	21 45	1 24	11 20	0 32	11 29	1 40	15 28	1 23	10 18	0 20	17 26	1 15	4 18	7 59	22 54	22 48	4 14			n.a.
S 7	23 52	21 48	2 0	19 25	4 23	21 27	1 22	11 34	0 32	11 29	1 40	15 27	1 23	10 17	0 20	17 26	1 15	4 18	7 59	22 54	22 48	4 12			n.a.
M 8	23 53	19 17	3 8	19 24	4 26	21 8	1 20	11 48	0 31	11 29	1 41	15 27	1 22	10 17	0 20	17 27	1 15	4 19	7 59	22 54	22 47	4 9			n.a.
T 9	23 54	15 33	4 6	19 24	4 28	20 49	1 18	12 2	0 30	11 29	1 41	15 26	1 22	10 17	0 20	17 27	1 15	4 19	7 59	22 53	22 47	4 7			n.a.
W10	23 55	10 53	4 47	19 26	4 27	20 29	1 16	12 16	0 30	11 29	1 41	15 26	1 22	10 17	0 20	17 27	1 15	4 19	7 59	22 53	22 46	4 4			n.a.
T 11	23 56	5 36	5 11	19 30	4 25	20 9	1 13	12 30	0 29	11 29	1 42	15 25	1 22	10 16	0 20	17 28	1 15	4 19	7 59	22 53	22 46	4 1			n.a.
F 12	23 56	0 4	5 15	19 35	4 20	19 48	1 11	12 43	0 28	11 29	1 42	15 24	1 22	10 16	0 20	17 28	1 15	4 19	8 0	22 53	22 46	3 59			n.a.
S 13	23 55	5n24	4 59	19 41	4 14	19 27	1 9	12 57	0 28	11 30	1 42	15 24	1 21	10 16	0 20	17 29	1 15	4 20	8 0	22 53	22 45	3 56			n.a.
S 14	23 54	10 32	4 26	19 50	4 6	19 5	1 6	13 10	0 27	11 30	1 43	15 23	1 21	10 16	0 20	17 29	1 15	4 20	8 0	22 53	22 45	3 54			n.a.
M15	23 53	15 3	3 38	19 59	3 56	18 42	1 4	13 23	0 26	11 30	1 43	15 23	1 21	10 16	0 20	17 30	1 15	4 20	8 0	22 53	22 44	3 51			n.a.
T 16	23 51	18 43	2 38	20 10	3 44	18 19	1 1	13 37	0 25	11 31	1 43	15 22	1 21	10 15	0 20	17 30	1 15	4 20	8 0	22 53	22 44	3 48			n.a.
W17	23 49	21 19	1 30	20 23	3 31	17 56	0 58	13 50	0 25	11 32	1 44	15 22	1 21	10 15	0 20	17 31	1 15	4 20	8 0	22 53	22 43	3 46			n.a.
T 18	23 46	22 44	0 19	20 36	3 17	17 32	0 55	14 3	0 24	11 32	1 44	15 22	1 21	10 15	0 20	17 31	1 15	4 20	8 0	22 53	22 43	3 43			n.a.
F 19	23 43	22 53	0s52	20 51	3 1	17 8	0 53	14 15	0 23	11 33	1 44	15 21	1 20	10 15	0 20	17 32	1 15	4 20	8 0	22 53	22 43	3 41			n.a.
S 20	23 39	21 50	1 59	21 7	2 45	16 44	0 50	14 28	0 22	11 34	1 45	15 21	1 20	10 15	0 20	17 32	1 15	4 21	8 0	22 53	22 42	3 38			n.a.
S 21	23 35	19 43	2 59	21 23	2 28	16 18	0 47	14 41	0 22	11 35	1 45	15 21	1 20	10 15	0 20	17 32	1 15	4 21	8 1	22 53	22 42	3 36			n.a.
M22	23 31	16 43	3 50	21 41	2 10	15 53	0 44	14 53	0 21	11 36	1 45	15 20	1 20	10 15	0 20	17 33	1 15	4 21	8 1	22 52	22 41	3 33			n.a.
T 23	23 26	13 3	4 29	21 59	1 53	15 27	0 40	15 6	0 20	11 37	1 46	15 20	1 20	10 15	0 20	17 33	1 15	4 21	8 1	22 52	22 41	3 30			n.a.
W24	23 21	8 54	4 56	22 17	1 35	15 1	0 37	15 18	0 19	11 38	1 46	15 20	1 19	10 15	0 20	17 34	1 15	4 21	8 1	22 51	22 40	3 28			n.a.
T 25	23 15	4 28	5 10	22 35	1 17	14 34	0 34	15 30	0 19	11 39	1 46	15 20	1 19	10 15	0 20	17 34	1 15	4 21	8 1	22 51	22 40	3 25			n.a.
F 26	23 9	0s 7	5 11	22 53	1 0	14 7	0 31	15 42	0 18	11 40	1 47	15 20	1 19	10 15	0 20	17 34	1 15	4 21	8 1	22 50	22 40	3 23			n.a.
S 27	23 2	4 41	4 58	23 11	0 43	13 40	0 27	15 54	0 17	11 42	1 47	15 19	1 19	10 15	0 20	17 35	1 15	4 21	8 1	22 50	22 39	3 20			n.a.
S 28	22 55	9 8	4 32	23 28	0 27	13 12	0 24	16 5	0 16	11 43	1 47	15 19	1 19	10 15	0 20	17 35	1 15	4 21	8 1	22 50	22 39	3 17			n.a.
M29	22 48	13 17	3 54	23 44	0 11	12 45	0 20	16 17	0 15	11 45	1 48	15 19	1 18	10 15	0 20	17 35	1 15	4 21	8 2	22 50	22 38	3 15			n.a.
T 30	22 40	16 58	3 5	23 59	0n 3	12 16	0 17	16 29	0 15	11 46	1 48	15 19	1 18	10 15	0 20	17 36	1 15	4 21	8 2	22 50	22 38	3 12			n.a.
W31	22n32	19s58	2s 5	24n13	0n17	11n48	0n13	16n40	0s14	11s48	1s48	15s19	1n18	10s16	0n20	17n36	1s15	4n21	8s 2	22s50	22s37	3n10			n.a.

Julian Day Number = 973937.5, Delta T = 13h21m56s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'08, Lahiri = -32°10'08 Julian Calendar 1 July 2047 BCE == Greg. Calendar 14 June 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

AUGUST 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 28 28	20♋ 5'05	2♐35	2♋38	1♍27	16♉19	4°R15	14°R38	26♎53	22♉40	0♉28	13♐ 7	11♐28	10♍16	n.a.	T 1
F 2	19 32 24	21° 3'44	16° 5	4° 0	2°37	16°55	4♓11	14♏37	26°53	22°42	0°29	13°R 7	11°25	10°23	n.a.	F 2
S 3	19 36 21	22° 2'25	0♑ 1	5°27	3°47	17°30	4° 7	14°37	26°54	22°43	0°29	13° 6	11°22	10°30	n.a.	S 3
S 4	19 40 17	23° 1'08	14°21	6°58	4°57	18° 5	4° 3	14°37	26°54	22°44	0°29	13° 3	11°19	10°36	n.a.	S 4
M 5	19 44 14	23°59'54	29° 1	8°33	6° 6	18°40	3°58	14°36	26°55	22°46	0°30	12°59	11°15	10°43	n.a.	M 5
T 6	19 48 10	24°58'41	13♒54	10°11	7°16	19°15	3°54	14°36	26°56	22°47	0°30	12°53	11°12	10°50	n.a.	T 6
W 7	19 52 7	25°57'30	28°51	11°53	8°25	19°50	3°49	14°D36	26°56	22°48	0°30	12°46	11° 9	10°57	n.a.	W 7
T 8	19 56 3	26°56'22	13♓43	13°36	9°34	20°25	3°44	14°36	26°57	22°49	0°30	12°40	11° 6	11° 3	n.a.	T 8
F 9	20 0 0	27°55'16	28°23	15°22	10°44	21° 0	3°39	14°36	26°58	22°50	0°31	12°35	11° 3	11°10	n.a.	F 9
S 10	20 3 57	28°54'13	12♈46	17° 9	11°53	21°34	3°33	14°37	26°59	22°51	0°31	12°32	10°59	11°17	n.a.	S 10
S 11	20 7 53	29°53'12	26°48	18°57	13° 2	22° 8	3°28	14°37	26°59	22°53	0°31	12°D31	10°56	11°24	n.a.	S 11
M12	20 11 50	0♌52'14	10♉29	20°46	14°11	22°43	3°22	14°37	27° 0	22°54	0°31	12°31	10°53	11°30	n.a.	M12
T 13	20 15 46	1°51'18	23°50	22°35	15°19	23°17	3°17	14°38	27° 1	22°55	0°31	12°32	10°50	11°37	n.a.	T 13
W14	20 19 43	2°50'25	6♊54	24°25	16°28	23°51	3°11	14°39	27° 2	22°56	0°32	12°R33	10°47	11°44	n.a.	W14
T 15	20 23 39	3°49'34	19°44	26°14	17°37	24°25	3° 4	14°39	27° 4	22°57	0°32	12°33	10°44	11°50	n.a.	T 15
F 16	20 27 36	4°48'46	2♋20	28° 4	18°45	24°58	2°58	14°40	27° 5	22°58	0°32	12°31	10°40	11°57	n.a.	F 16
S 17	20 31 32	5°48'00	14°46	29°53	19°54	25°32	2°52	14°41	27° 6	22°59	0°32	12°27	10°37	12° 4	n.a.	S 17
S 18	20 35 29	6°47'17	27° 3	1♌42	21° 2	26° 5	2°45	14°42	27° 7	22°59	0°R32	12°20	10°34	12°11	n.a.	S 18
M19	20 39 25	7°46'35	9♌12	3°30	22°10	26°39	2°39	14°43	27° 8	23° 0	0°32	12°10	10°31	12°17	n.a.	M19
T 20	20 43 22	8°45'56	21°14	5°18	23°18	27°12	2°32	14°45	27°10	23° 1	0°32	12° 0	10°28	12°24	n.a.	T 20
W21	20 47 19	9°45'19	3♍10	7° 6	24°26	27°45	2°25	14°46	27°11	23° 2	0°32	11°48	10°25	12°31	n.a.	W21
T 22	20 51 15	10°44'44	15° 3	8°52	25°34	28°18	2°18	14°47	27°12	23° 3	0°32	11°37	10°21	12°37	n.a.	T 22
F 23	20 55 12	11°44'11	26°53	10°38	26°42	28°50	2°11	14°49	27°14	23° 3	0°32	11°27	10°18	12°44	n.a.	F 23
S 24	20 59 8	12°43'40	8♎45	12°23	27°49	29°23	2° 4	14°51	27°15	23° 4	0°31	11°20	10°15	12°51	n.a.	S 24
S 25	21 3 5	13°43'12	20°41	14° 8	28°57	29°55	1°56	14°52	27°17	23° 5	0°31	11°14	10°12	12°58	n.a.	S 25
M26	21 7 1	14°42'45	2♏45	15°51	0♎ 4	0♊28	1°49	14°54	27°19	23° 5	0°31	11°12	10° 9	13° 4	n.a.	M26
T 27	21 10 58	15°42'20	15° 2	17°34	1°11	1° 0	1°41	14°56	27°20	23° 6	0°31	11°D11	10° 5	13°11	n.a.	T 27
W28	21 14 54	16°41'57	27°38	19°16	2°18	1°32	1°34	14°58	27°22	23° 7	0°31	11°11	10° 2	13°18	n.a.	W28
T 29	21 18 51	17°41'36	10♐37	20°58	3°24	2° 4	1°26	15° 0	27°24	23° 7	0°30	11°R12	9°59	13°25	n.a.	T 29
F 30	21 22 47	18°41'17	24° 3	22°39	4°31	2°35	1°18	15° 2	27°26	23° 8	0°30	11°11	9°56	13°31	n.a.	F 30
S 31	21 26 44	19♌41'00	7♑58	24♌19	5♎37	3♊ 7	1♓11	15♏ 5	27♎27	23♉ 8	0♉30	11♐ 8	9♐53	13♍38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22n23	22s 2	0s57	24n24	0n30	11n19	0n 9	16n51	0s13	11s49	1s48	15s19	1n18	10s16	0n20	17n36	1s15	4n21	8s 2	22s50	22s37	3n 7			n.a.
F 2	22 14	22 55	0n16	24 34	0 42	10 50	0 5	17 2	0 12	11 51	1 49	15 19	1 18	10 16	0 20	17 37	1 15	4 21	8 2	22 50	22 37	3 5			n.a.
S 3	22 5	22 25	1 30	24 42	0 53	10 21	0 2	17 13	0 11	11 53	1 49	15 19	1 17	10 16	0 20	17 37	1 15	4 21	8 2	22 50	22 36	3 2			n.a.
S 4	21 55	20 28	2 41	24 48	1 3	9 51	0s 2	17 24	0 10	11 55	1 49	15 19	1 17	10 16	0 20	17 37	1 15	4 21	8 2	22 50	22 36	2 59			n.a.
M 5	21 45	17 8	3 43	24 51	1 12	9 22	0 6	17 35	0 10	11 57	1 49	15 19	1 17	10 16	0 20	17 38	1 15	4 21	8 2	22 49	22 35	2 57			n.a.
T 6	21 34	12 41	4 30	24 52	1 20	8 52	0 10	17 45	0 9	11 59	1 50	15 20	1 17	10 17	0 20	17 38	1 15	4 21	8 3	22 48	22 35	2 54			n.a.
W 7	21 23	7 26	5 0	24 50	1 27	8 22	0 14	17 56	0 8	12 1	1 50	15 20	1 17	10 17	0 20	17 38	1 15	4 21	8 3	22 48	22 34	2 52			n.a.
T 8	21 12	1 48	5 8	24 46	1 33	7 51	0 18	18 6	0 7	12 3	1 50	15 20	1 16	10 17	0 20	17 39	1 15	4 21	8 3	22 47	22 34	2 49			n.a.
F 9	21 0	3n52	4 57	24 39	1 38	7 21	0 23	18 16	0 6	12 5	1 51	15 20	1 16	10 18	0 20	17 39	1 15	4 21	8 3	22 46	22 33	2 47			n.a.
S 10	20 48	9 13	4 27	24 30	1 43	6 50	0 27	18 27	0 5	12 7	1 51	15 20	1 16	10 18	0 20	17 39	1 15	4 21	8 3	22 46	22 33	2 44			n.a.
S 11	20 35	13 58	3 41	24 18	1 46	6 19	0 31	18 36	0 4	12 9	1 51	15 21	1 16	10 18	0 20	17 39	1 15	4 21	8 3	22 45	22 32	2 41			n.a.
M12	20 22	17 51	2 44	24 4	1 48	5 48	0 35	18 46	0 3	12 12	1 51	15 21	1 16	10 19	0 20	17 40	1 15	4 21	8 3	22 46	22 32	2 39			n.a.
T 13	20 9	20 43	1 39	23 48	1 50	5 17	0 40	18 56	0 2	12 14	1 51	15 21	1 15	10 19	0 19	17 40	1 15	4 21	8 4	22 46	22 32	2 36			n.a.
W14	19 55	22 24	0 30	23 30	1 51	4 46	0 44	19 6	0 1	12 17	1 52	15 22	1 15	10 19	0 19	17 40	1 15	4 21	8 4	22 46	22 31	2 34			n.a.
T 15	19 41	22 53	0s39	23 9	1 51	4 15	0 48	19 15	0 1	12 19	1 52	15 22	1 15	10 20	0 19	17 40	1 15	4 21	8 4	22 46	22 31	2 31			n.a.
F 16	19 27	22 10	1 44	22 47	1 51	3 44	0 53	19 24	0n 0	12 21	1 52	15 23	1 15	10 20	0 19	17 41	1 15	4 21	8 4	22 46	22 30	2 29			n.a.
S 17	19 12	20 23	2 44	22 23	1 50	3 12	0 57	19 33	0 1	12 24	1 52	15 23	1 15	10 21	0 19	17 41	1 15	4 20	8 4	22 45	22 30	2 26			n.a.
S 18	18 57	17 40	3 35	21 57	1 49	2 41	1 2	19 42	0 2	12 27	1 52	15 24	1 14	10 21	0 19	17 41	1 16	4 20	8 4	22 44	22 29	2 23			n.a.
M19	18 42	14 13	4 16	21 30	1 47	2 10	1 6	19 51	0 3	12 29	1 53	15 24	1 14	10 22	0 19	17 41	1 16	4 20	8 4	22 43	22 29	2 21			n.a.
T 20	18 26	10 14	4 44	21 1	1 45	1 38	1 11	20 0	0 4	12 32	1 53	15 25	1 14	10 22	0 19	17 41	1 16	4 20	8 5	22 41	22 28	2 18			n.a.
W21	18 10	5 53	5 0	20 31	1 42	1 6	1 15	20 9	0 5	12 35	1 53	15 25	1 14	10 23	0 19	17 41	1 16	4 20	8 5	22 40	22 28	2 16			n.a.
T 22	17 54	1 22	5 3	19 59	1 38	0 35	1 20	20 17	0 6	12 37	1 53	15 26	1 14	10 23	0 19	17 42	1 16	4 20	8 5	22 38	22 27	2 13			n.a.
F 23	17 37	3s12	4 53	19 27	1 35	0 3	1 24	20 26	0 7	12 40	1 53	15 27	1 13	10 24	0 19	17 42	1 16	4 20	8 5	22 37	22 27	2 11			n.a.
S 24	17 20	7 39	4 30	18 53	1 31	0s28	1 29	20 34	0 8	12 43	1 53	15 27	1 13	10 24	0 19	17 42	1 16	4 19	8 5	22 36	22 26	2 8			n.a.
S 25	17 3	11 51	3 55	18 18	1 27	1 0	1 33	20 42	0 9	12 46	1 54	15 28	1 13	10 25	0 19	17 42	1 16	4 19	8 5	22 35	22 26	2 5			n.a.
M26	16 45	15 38	3 10	17 43	1 22	1 31	1 38	20 50	0 10	12 48	1 54	15 29	1 13	10 26	0 19	17 42	1 16	4 19	8 5	22 35	22 26	2 3			n.a.
T 27	16 27	18 49	2 15	17 6	1 17	2 2	1 43	20 58	0 11	12 51	1 54	15 29	1 13	10 26	0 19	17 42	1 16	4 19	8 5	22 35	22 25	2 0			n.a.
W28	16 9	21 12	1 12	16 29	1 12	2 34	1 47	21 5	0 12	12 54	1 54	15 30	1 12	10 27	0 19	17 42	1 16	4 19	8 6	22 35	22 25	1 58			n.a.
T 29	15 51	22 33	0 3	15 51	1 7	3 5	1 52	21 13	0 14	12 57	1 54	15 31	1 12	10 28	0 19	17 43	1 16	4 19	8 6	22 35	22 24	1 55			n.a.
F 30	15 32	22 40	1n 8	15 13	1 1	3 36	1 56	21 20	0 15	13 0	1 54	15 32	1 12	10 28	0 19	17 43	1 16	4 18	8 6	22 35	22 24	1 53			n.a.
S 31	15n13	21s24	2n17	14n34	0n56	4s 7	2s 1	21n28	0n16	13s 3	1s54	15s33	1n12	10s29	0n19	17n43	1s16	4n18	8s 6	22s34	22s23	1n50			n.a.

Julian Day Number = 973968.5, Delta T = 13h21m54s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'04, Lahiri = -32°10'03 Julian Calendar 1 Aug. 2047 BCE == Greg. Calendar 15 July 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

SEPTEMBER 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 30 41	20♌40'45	22♉22	25♌58	6♎44	3♊38	1°R 3	15♏ 7	27♎29	23♉ 9	0°R30	11°R 3	9♐50	13♍45	n.a.	S 1
M 2	21 34 37	21°40'32	7♒13	27°36	7°50	4° 9	0♓55	15°10	27°31	23° 9	0♉29	10♐55	9°46	13°51	n.a.	M 2
T 3	21 38 34	22°40'20	22°21	29°14	8°56	4°40	0°47	15°12	27°33	23° 9	0°29	10°45	9°43	13°58	n.a.	T 3
W 4	21 42 30	23°40'11	7♓39	0♍52	10° 1	5°11	0°39	15°15	27°35	23°10	0°29	10°35	9°40	14° 5	n.a.	W 4
T 5	21 46 27	24°40'04	22°53	2°28	11° 7	5°41	0°31	15°18	27°37	23°10	0°28	10°24	9°37	14°12	n.a.	T 5
F 6	21 50 23	25°40'00	7♈53	4° 4	12°12	6°12	0°23	15°20	27°40	23°10	0°28	10°16	9°34	14°18	n.a.	F 6
S 7	21 54 20	26°39'57	22°32	5°40	13°17	6°42	0°15	15°23	27°42	23°11	0°27	10° 9	9°30	14°25	n.a.	S 7
S 8	21 58 16	27°39'58	6♉45	7°15	14°22	7°12	0° 7	15°26	27°44	23°11	0°27	10° 6	9°27	14°32	n.a.	S 8
M 9	22 2 13	28°40'00	20°30	8°49	15°26	7°42	29♒58	15°30	27°46	23°11	0°27	10° 4	9°24	14°39	n.a.	M 9
T 10	22 6 9	29°40'05	3♊50	10°23	16°31	8°11	29°50	15°33	27°48	23°11	0°26	10° 4	9°21	14°45	n.a.	T 10
W11	22 10 6	0♍40'12	16°47	11°56	17°35	8°41	29°42	15°36	27°51	23°11	0°26	10° 4	9°18	14°52	n.a.	W11
T 12	22 14 3	1°40'22	29°26	13°29	18°39	9°10	29°34	15°39	27°53	23°11	0°25	10° 3	9°15	14°59	n.a.	T 12
F 13	22 17 59	2°40'34	11♋50	15° 1	19°42	9°39	29°26	15°43	27°56	23°R11	0°25	9°59	9°11	15° 5	n.a.	F 13
S 14	22 21 56	3°40'48	24° 4	16°33	20°46	10° 8	29°18	15°46	27°58	23°11	0°24	9°53	9° 8	15°12	n.a.	S 14
S 15	22 25 52	4°41'04	6♌ 9	18° 4	21°49	10°36	29°10	15°50	28° 0	23°11	0°23	9°43	9° 5	15°19	n.a.	S 15
M16	22 29 49	5°41'23	18° 8	19°35	22°51	11° 5	29° 2	15°54	28° 3	23°11	0°23	9°31	9° 2	15°26	n.a.	M16
T 17	22 33 45	6°41'43	0♍ 4	21° 5	23°54	11°33	28°54	15°58	28° 6	23°11	0°22	9°17	8°59	15°32	n.a.	T 17
W18	22 37 42	7°42'05	11°57	22°34	24°56	12° 1	28°46	16° 2	28° 8	23°11	0°22	9° 2	8°56	15°39	n.a.	W18
T 19	22 41 38	8°42'29	23°49	24° 4	25°58	12°28	28°38	16° 5	28°11	23°11	0°21	8°47	8°52	15°46	n.a.	T 19
F 20	22 45 35	9°42'55	5♎41	25°32	27° 0	12°56	28°30	16°10	28°13	23°10	0°20	8°34	8°49	15°52	n.a.	F 20
S 21	22 49 31	10°43'23	17°34	27° 0	28° 1	13°23	28°22	16°14	28°16	23°10	0°19	8°23	8°46	15°59	n.a.	S 21
S 22	22 53 28	11°43'52	29°32	28°28	29° 2	13°50	28°14	16°18	28°19	23°10	0°19	8°15	8°43	16° 6	n.a.	S 22
M23	22 57 25	12°44'23	11♏37	29°55	0♏ 2	14°16	28° 7	16°22	28°22	23°10	0°18	8°10	8°40	16°13	n.a.	M23
T 24	23 1 21	13°44'55	23°53	1♎21	1° 3	14°43	27°59	16°27	28°24	23° 9	0°17	8° 8	8°36	16°19	n.a.	T 24
W25	23 5 18	14°45'30	6♐25	2°47	2° 2	15° 9	27°52	16°31	28°27	23° 9	0°16	8° 7	8°33	16°26	n.a.	W25
T 26	23 9 14	15°46'05	19°17	4°12	3° 2	15°35	27°44	16°35	28°30	23° 8	0°16	8° 7	8°30	16°33	n.a.	T 26
F 27	23 13 11	16°46'42	2♉34	5°36	4° 1	16° 0	27°37	16°40	28°33	23° 8	0°15	8° 7	8°27	16°40	n.a.	F 27
S 28	23 17 7	17°47'21	16°19	7° 0	4°59	16°26	27°30	16°45	28°36	23° 7	0°14	8° 4	8°24	16°46	n.a.	S 28
S 29	23 21 4	18°48'00	0♒34	8°22	5°57	16°51	27°23	16°49	28°39	23° 7	0°13	7°59	8°21	16°53	n.a.	S 29
M30	23 25 0	19♍48'42	15♒17	9♎44	6♏55	17♊15	27♒16	16♏54	28♎42	23♉ 6	0♉12	7♐51	8♐17	17♍ 0	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n54	18s44	3n20	13n54	0n50	4s38	2s 5	21n35	0n17	13s 6	1s54	15s34	1n12	10s30	0n19	17n43	1s16	4n18	8s 6	22s33	22s23	1n48		n.a.
M 2	14 34	14 48	4 11	13 14	0 44	5 9	2 10	21 42	0 18	13 9	1 54	15 35	1 12	10 30	0 19	17 43	1 16	4 18	8 6	22 32	22 22	1 45		n.a.
T 3	14 14	9 50	4 46	12 34	0 38	5 40	2 15	21 49	0 19	13 12	1 54	15 36	1 11	10 31	0 19	17 43	1 16	4 17	8 6	22 31	22 22	1 42		n.a.
W 4	13 54	4 14	5 1	11 53	0 32	6 10	2 19	21 56	0 20	13 15	1 54	15 36	1 11	10 32	0 19	17 43	1 16	4 17	8 6	22 29	22 21	1 40		n.a.
T 5	13 34	1n36	4 54	11 12	0 25	6 41	2 24	22 3	0 21	13 18	1 55	15 37	1 11	10 33	0 19	17 43	1 16	4 17	8 7	22 28	22 21	1 37		n.a.
F 6	13 13	7 16	4 27	10 30	0 19	7 11	2 28	22 9	0 22	13 21	1 55	15 39	1 11	10 34	0 19	17 43	1 16	4 17	8 7	22 27	22 20	1 35		n.a.
S 7	12 53	12 23	3 43	9 49	0 12	7 41	2 32	22 16	0 24	13 24	1 55	15 40	1 11	10 34	0 19	17 43	1 16	4 16	8 7	22 26	22 20	1 32		n.a.
S 8	12 32	16 39	2 47	9 7	0 6	8 10	2 37	22 22	0 25	13 27	1 55	15 41	1 10	10 35	0 19	17 43	1 16	4 16	8 7	22 25	22 19	1 30		n.a.
M 9	12 11	19 52	1 42	8 25	0s 1	8 40	2 41	22 28	0 26	13 30	1 55	15 42	1 10	10 36	0 19	17 43	1 16	4 16	8 7	22 25	22 19	1 27		n.a.
T 10	11 49	21 53	0 33	7 42	0 8	9 9	2 46	22 34	0 27	13 32	1 55	15 43	1 10	10 37	0 19	17 43	1 16	4 16	8 7	22 25	22 18	1 25		n.a.
W11	11 28	22 40	0s36	7 0	0 14	9 39	2 50	22 40	0 28	13 35	1 55	15 44	1 10	10 38	0 19	17 43	1 16	4 15	8 7	22 25	22 18	1 22		n.a.
T 12	11 6	22 15	1 41	6 18	0 21	10 7	2 54	22 46	0 30	13 38	1 55	15 45	1 10	10 39	0 19	17 43	1 16	4 15	8 7	22 25	22 17	1 20		n.a.
F 13	10 44	20 45	2 39	5 36	0 28	10 36	2 58	22 52	0 31	13 41	1 55	15 46	1 9	10 40	0 19	17 43	1 16	4 15	8 8	22 24	22 17	1 17		n.a.
S 14	10 22	18 18	3 30	4 53	0 35	11 4	3 3	22 57	0 32	13 44	1 55	15 48	1 9	10 40	0 19	17 43	1 16	4 14	8 8	22 23	22 16	1 14		n.a.
S 15	9 59	15 5	4 10	4 11	0 41	11 32	3 7	23 3	0 33	13 47	1 54	15 49	1 9	10 41	0 19	17 43	1 16	4 14	8 8	22 22	22 16	1 12		n.a.
M16	9 37	11 17	4 39	3 29	0 48	12 0	3 11	23 8	0 35	13 50	1 54	15 50	1 9	10 42	0 19	17 43	1 16	4 14	8 8	22 20	22 15	1 9		n.a.
T 17	9 14	7 5	4 55	2 46	0 55	12 28	3 15	23 13	0 36	13 53	1 54	15 51	1 9	10 43	0 19	17 43	1 16	4 14	8 8	22 18	22 15	1 7		n.a.
W18	8 51	2 38	4 59	2 4	1 1	12 55	3 19	23 19	0 37	13 55	1 54	15 53	1 9	10 44	0 19	17 43	1 17	4 13	8 8	22 15	22 14	1 4		n.a.
T 19	8 28	1s54	4 49	1 23	1 8	13 22	3 22	23 24	0 39	13 58	1 54	15 54	1 8	10 45	0 19	17 43	1 17	4 13	8 8	22 13	22 14	1 2		n.a.
F 20	8 5	6 22	4 27	0 41	1 14	13 48	3 26	23 29	0 40	14 1	1 54	15 55	1 8	10 46	0 19	17 43	1 17	4 13	8 8	22 11	22 13	0 59		n.a.
S 21	7 42	10 36	3 53	0s 1	1 20	14 14	3 30	23 33	0 41	14 4	1 54	15 57	1 8	10 47	0 19	17 43	1 17	4 12	8 8	22 9	22 13	0 57		n.a.
S 22	7 18	14 28	3 9	0 42	1 26	14 40	3 33	23 38	0 43	14 6	1 54	15 58	1 8	10 48	0 19	17 42	1 17	4 12	8 8	22 8	22 12	0 54		n.a.
M23	6 55	17 46	2 15	1 23	1 33	15 5	3 37	23 43	0 44	14 9	1 54	16 0	1 8	10 49	0 19	17 42	1 17	4 12	8 9	22 7	22 12	0 52		n.a.
T 24	6 31	20 20	1 15	2 3	1 39	15 30	3 40	23 47	0 46	14 11	1 54	16 1	1 8	10 50	0 19	17 42	1 17	4 11	8 9	22 7	22 11	0 49		n.a.
W25	6 7	21 58	0 9	2 43	1 44	15 55	3 44	23 52	0 47	14 14	1 53	16 2	1 7	10 51	0 18	17 42	1 17	4 11	8 9	22 7	22 11	0 47		n.a.
T 26	5 43	22 31	0n59	3 23	1 50	16 19	3 47	23 56	0 49	14 16	1 53	16 4	1 7	10 52	0 18	17 42	1 17	4 11	8 9	22 7	22 10	0 44		n.a.
F 27	5 19	21 49	2 5	4 2	1 55	16 42	3 50	24 0	0 50	14 19	1 53	16 5	1 7	10 53	0 18	17 42	1 17	4 10	8 9	22 6	22 10	0 42		n.a.
S 28	4 55	19 49	3 7	4 40	2 1	17 6	3 53	24 4	0 51	14 21	1 53	16 7	1 7	10 55	0 18	17 42	1 17	4 10	8 9	22 6	22 9	0 39		n.a.
S 29	4 31	16 32	4 0	5 18	2 5	17 28	3 56	24 8	0 53	14 23	1 53	16 8	1 7	10 56	0 18	17 42	1 17	4 9	8 9	22 5	22 9	0 36		n.a.
M30	4n 7	12s 9	4n38	5s55	2s10	17s51	3s59	24n12	0n54	14s26	1s53	16s10	1n 7	10s57	0n18	17n41	1s17	4n 9	8s 9	22s 4	22s 8	0n34		n.a.

Julian Day Number = 973999.5, Delta T = 13h21m51s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°17'00, Lahiri = -32°09'59 Julian Calendar 1 Sept. 2047 BCE == Greg. Calendar 15 Aug. 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

OCTOBER 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 28 57	20♍49'24	0♓23	11♎ 4	7♏52	17♊40	27°R 9	16♏59	28♎45	23°R 6	0°R12	7°R41	8♐14	17♍ 6	n.a.	T 1
W 2	23 32 54	21°50'08	15°43	12°23	8°48	18° 4	27♒ 2	17° 4	28°48	23♉ 5	0♉11	7♐30	8°11	17°13	n.a.	W 2
T 3	23 36 50	22°50'53	1♈ 5	13°41	9°44	18°27	26°56	17° 9	28°51	23° 5	0°10	7°19	8° 8	17°20	n.a.	T 3
F 4	23 40 47	23°51'40	16°18	14°57	10°39	18°51	26°49	17°14	28°54	23° 4	0° 9	7°10	8° 5	17°27	n.a.	F 4
S 5	23 44 43	24°52'29	1♉10	16°12	11°34	19°14	26°43	17°19	28°57	23° 3	0° 8	7° 3	8° 1	17°33	n.a.	S 5
S 6	23 48 40	25°53'19	15°37	17°24	12°29	19°37	26°37	17°25	29° 1	23° 2	0° 7	6°58	7°58	17°40	n.a.	S 6
M 7	23 52 36	26°54'11	29°34	18°34	13°22	19°59	26°31	17°30	29° 4	23° 2	0° 6	6°57	7°55	17°47	n.a.	M 7
T 8	23 56 33	27°55'05	13♊ 2	19°42	14°15	20°21	26°25	17°35	29° 7	23° 1	0° 5	6°D57	7°52	17°54	n.a.	T 8
W 9	0 0 29	28°56'01	26° 3	20°47	15° 7	20°43	26°19	17°41	29°10	23° 0	0° 4	6°R57	7°49	18° 0	n.a.	W 9
T 10	0 4 26	29°56'58	8♋42	21°48	15°59	21° 4	26°13	17°46	29°14	22°59	0° 3	6°57	7°46	18° 7	n.a.	T 10
F 11	0 8 22	0♎57'56	21° 3	22°46	16°50	21°25	26° 8	17°52	29°17	22°58	0° 2	6°55	7°42	18°14	n.a.	F 11
S 12	0 12 19	1°58'57	3♌11	23°40	17°40	21°46	26° 3	17°57	29°20	22°57	0° 1	6°50	7°39	18°20	n.a.	S 12
S 13	0 16 16	2°59'58	15°11	24°28	18°29	22° 6	25°58	18° 3	29°24	22°57	29♈59	6°43	7°36	18°27	n.a.	S 13
M14	0 20 12	4° 1'01	27° 5	25°12	19°18	22°26	25°53	18° 9	29°27	22°56	29°59	6°33	7°33	18°34	n.a.	M14
T 15	0 24 9	5° 2'05	8♍57	25°49	20° 6	22°45	25°48	18°14	29°30	22°55	29°58	6°21	7°30	18°41	n.a.	T 15
W16	0 28 5	6° 3'11	20°48	26°19	20°52	23° 4	25°44	18°20	29°34	22°54	29°57	6° 9	7°27	18°47	n.a.	W16
T 17	0 32 2	7° 4'17	2♎41	26°41	21°38	23°23	25°39	18°26	29°37	22°52	29°56	5°57	7°23	18°54	n.a.	T 17
F 18	0 35 58	8° 5'25	14°37	26°54	22°23	23°41	25°35	18°32	29°40	22°51	29°55	5°46	7°20	19° 1	n.a.	F 18
S 19	0 39 55	9° 6'34	26°38	26°R59	23° 7	23°59	25°31	18°38	29°44	22°50	29°54	5°37	7°17	19° 7	n.a.	S 19
S 20	0 43 51	10° 7'43	8♏44	26°53	23°50	24°16	25°27	18°44	29°47	22°49	29°52	5°30	7°14	19°14	n.a.	S 20
M21	0 47 48	11° 8'54	20°57	26°36	24°32	24°33	25°24	18°50	29°51	22°48	29°51	5°27	7°11	19°21	n.a.	M21
T 22	0 51 45	12°10'05	3♐21	26° 8	25°12	24°49	25°20	18°56	29°54	22°47	29°50	5°D25	7° 7	19°28	n.a.	T 22
W23	0 55 41	13°11'17	15°57	25°29	25°52	25° 5	25°17	19° 2	29°58	22°46	29°49	5°26	7° 4	19°34	n.a.	W23
T 24	0 59 38	14°12'29	28°50	24°39	26°30	25°20	25°14	19° 8	0♏ 1	22°44	29°48	5°27	7° 1	19°41	n.a.	T 24
F 25	1 3 34	15°13'42	12♑ 3	23°38	27° 7	25°35	25°11	19°15	0° 5	22°43	29°47	5°R28	6°58	19°48	n.a.	F 25
S 26	1 7 31	16°14'56	25°39	22°29	27°42	25°49	25° 9	19°21	0° 9	22°42	29°46	5°27	6°55	19°54	n.a.	S 26
S 27	1 11 27	17°16'10	9♒39	21°13	28°17	26° 3	25° 6	19°27	0°12	22°40	29°44	5°25	6°52	20° 1	n.a.	S 27
M28	1 15 24	18°17'24	24° 5	19°52	28°49	26°16	25° 4	19°34	0°16	22°39	29°43	5°21	6°48	20° 8	n.a.	M28
T 29	1 19 21	19°18'38	8♓52	18°29	29°20	26°28	25° 2	19°40	0°19	22°38	29°42	5°15	6°45	20°15	n.a.	T 29
W30	1 23 17	20°19'53	23°54	17° 7	29°50	26°40	25° 0	19°47	0°23	22°36	29°41	5° 8	6°42	20°21	n.a.	W30
T 31	1 27 14	21♎21'08	9♈ 4	15♎49	0♐18	26♊52	24♒59	19♏53	0♏26	22♉35	29♈40	5♐ 1	6♐39	20♍28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n43	6s55	4n59	6s31	2s15	18s13	4s 2	24n16	0n56	14s28	1s53	16s11	1n 6	10s58	0n18	17n41	1s17	4n 9	8s 9	22s 2	22s 8	0n31		n.a.
W 2	3 18	1 11	4 58	7 7	2 19	18 34	4 4	24 20	0 58	14 30	1 52	16 13	1 6	10 59	0 18	17 41	1 17	4 8	8 9	22 0	22 7	0 29		n.a.
T 3	2 54	4n38	4 36	7 41	2 22	18 55	4 7	24 24	0 59	14 32	1 52	16 15	1 6	11 0	0 18	17 41	1 17	4 8	8 9	21 59	22 7	0 26		n.a.
F 4	2 29	10 7	3 54	8 14	2 26	19 15	4 9	24 27	1 1	14 34	1 52	16 16	1 6	11 1	0 18	17 41	1 17	4 8	8 9	21 57	22 6	0 24		n.a.
S 5	2 5	14 53	2 57	8 46	2 29	19 35	4 11	24 31	1 2	14 36	1 52	16 18	1 6	11 2	0 18	17 40	1 17	4 7	8 9	21 56	22 6	0 21		n.a.
S 6	1 40	18 37	1 51	9 17	2 31	19 54	4 13	24 35	1 4	14 38	1 51	16 20	1 6	11 4	0 18	17 40	1 17	4 7	8 9	21 55	22 5	0 19		n.a.
M 7	1 15	21 6	0 39	9 46	2 33	20 13	4 15	24 38	1 6	14 40	1 51	16 21	1 6	11 5	0 18	17 40	1 17	4 6	8 10	21 55	22 5	0 16		n.a.
T 8	0 51	22 17	0s32	10 14	2 34	20 31	4 17	24 41	1 7	14 42	1 51	16 23	1 5	11 6	0 18	17 40	1 17	4 6	8 10	21 55	22 4	0 14		n.a.
W 9	0 26	22 12	1 40	10 40	2 35	20 48	4 18	24 45	1 9	14 44	1 51	16 25	1 5	11 7	0 18	17 40	1 17	4 6	8 10	21 55	22 4	0 11		n.a.
T 10	0 1	20 58	2 40	11 3	2 35	21 5	4 19	24 48	1 11	14 46	1 51	16 26	1 5	11 8	0 18	17 39	1 17	4 5	8 10	21 55	22 3	0 9		n.a.
F 11	0s24	18 45	3 32	11 25	2 34	21 22	4 21	24 51	1 12	14 47	1 50	16 28	1 5	11 10	0 18	17 39	1 17	4 5	8 10	21 54	22 2	0 6		n.a.
S 12	0 48	15 45	4 13	11 43	2 33	21 37	4 22	24 54	1 14	14 49	1 50	16 30	1 5	11 11	0 18	17 39	1 17	4 4	8 10	21 54	22 2	0 4		n.a.
S 13	1 13	12 7	4 42	11 59	2 30	21 52	4 22	24 57	1 16	14 50	1 50	16 31	1 5	11 12	0 18	17 38	1 17	4 4	8 10	21 52	22 1	0 1		n.a.
M14	1 38	8 4	4 59	12 12	2 26	22 7	4 23	25 0	1 18	14 52	1 50	16 33	1 5	11 13	0 18	17 38	1 17	4 4	8 10	21 51	22 1	0s 1		n.a.
T 15	2 2	3 43	5 3	12 22	2 22	22 21	4 24	25 3	1 20	14 53	1 49	16 35	1 4	11 14	0 18	17 38	1 17	4 3	8 10	21 49	22 0	0 4		n.a.
W16	2 27	0s46	4 53	12 27	2 16	22 34	4 24	25 6	1 21	14 54	1 49	16 37	1 4	11 16	0 18	17 38	1 17	4 3	8 10	21 46	22 0	0 6		n.a.
T 17	2 52	5 13	4 31	12 29	2 8	22 47	4 24	25 9	1 23	14 56	1 49	16 38	1 4	11 17	0 18	17 37	1 17	4 2	8 10	21 44	21 59	0 9		n.a.
F 18	3 16	9 30	3 57	12 26	2 0	22 58	4 23	25 12	1 25	14 57	1 48	16 40	1 4	11 18	0 18	17 37	1 17	4 2	8 10	21 42	21 59	0 11		n.a.
S 19	3 41	13 27	3 12	12 18	1 49	23 10	4 23	25 14	1 27	14 58	1 48	16 42	1 4	11 19	0 18	17 37	1 17	4 2	8 10	21 41	21 58	0 14		n.a.
S 20	4 5	16 52	2 18	12 4	1 37	23 20	4 22	25 17	1 29	14 59	1 48	16 44	1 4	11 21	0 18	17 36	1 17	4 1	8 10	21 40	21 58	0 16		n.a.
M21	4 30	19 36	1 17	11 46	1 24	23 30	4 21	25 20	1 31	15 0	1 48	16 46	1 4	11 22	0 18	17 36	1 17	4 1	8 10	21 39	21 57	0 19		n.a.
T 22	4 54	21 26	0 11	11 21	1 9	23 39	4 20	25 22	1 33	15 1	1 47	16 47	1 3	11 23	0 18	17 36	1 17	4 0	8 10	21 39	21 57	0 21		n.a.
W23	5 19	22 14	0n56	10 51	0 52	23 47	4 18	25 25	1 35	15 2	1 47	16 49	1 3	11 24	0 18	17 35	1 17	4 0	8 10	21 39	21 56	0 24		n.a.
T 24	5 43	21 53	2 3	10 16	0 34	23 55	4 17	25 28	1 37	15 2	1 47	16 51	1 3	11 26	0 18	17 35	1 17	4 0	8 10	21 39	21 56	0 26		n.a.
F 25	6 7	20 19	3 4	9 35	0 15	24 2	4 15	25 30	1 39	15 3	1 46	16 53	1 3	11 27	0 18	17 35	1 17	3 59	8 10	21 39	21 55	0 29		n.a.
S 26	6 31	17 34	3 57	8 50	0n 6	24 8	4 12	25 33	1 41	15 4	1 46	16 55	1 3	11 28	0 18	17 34	1 17	3 59	8 10	21 39	21 54	0 31		n.a.
S 27	6 55	13 44	4 38	8 2	0 26	24 14	4 9	25 35	1 43	15 4	1 46	16 57	1 3	11 30	0 18	17 34	1 17	3 58	8 10	21 39	21 54	0 34		n.a.
M28	7 19	9 1	5 2	7 12	0 47	24 18	4 6	25 38	1 46	15 5	1 45	16 59	1 3	11 31	0 18	17 34	1 18	3 58	8 10	21 38	21 53	0 36		n.a.
T 29	7 42	3 40	5 7	6 22	1 7	24 22	4 3	25 41	1 48	15 5	1 45	17 0	1 3	11 32	0 18	17 33	1 18	3 58	8 10	21 37	21 53	0 39		n.a.
W30	8 6	1n59	4 52	5 33	1 25	24 25	3 59	25 43	1 50	15 5	1 45	17 2	1 2	11 33	0 18	17 33	1 18	3 57	8 10	21 35	21 52	0 41		n.a.
T 31	8s30	7n34	4n16	4s46	1n43	24s27	3s55	25n46	1n52	15s 6	1s44	17s 4	1n 2	11s35	0n18	17n33	1s18	3n57	8s10	21s34	21s52	0s44		n.a.

Julian Day Number = 974029.5, Delta T = 13h21m49s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'56, Lahiri = -32°09'55 Julian Calendar 1 Oct. 2047 BCE == Greg. Calendar 14 Sept. 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

NOVEMBER 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 31 10	22♎22'24	24♈10	14°R36	0♐44	27♊ 3	24°R57	20♏ 0	0♏30	22°R34	29°R39	4°R54	6♐36	20♍35	n.a.	F 1
S 2	1 35 7	23°23'40	9♉ 3	13♎32	1° 8	27°13	24♒56	20° 6	0°34	22♉32	29♈37	4♐50	6°33	20°42	n.a.	S 2
S 3	1 39 3	24°24'57	23°34	12°37	1°31	27°23	24°55	20°13	0°37	22°31	29°36	4°48	6°29	20°48	n.a.	S 3
M 4	1 43 0	25°26'14	7♊40	11°53	1°52	27°32	24°54	20°19	0°41	22°29	29°35	4°D47	6°26	20°55	n.a.	M 4
T 5	1 46 56	26°27'32	21°17	11°20	2°10	27°41	24°54	20°26	0°44	22°28	29°34	4°48	6°23	21° 2	n.a.	T 5
W 6	1 50 53	27°28'51	4♋27	10°58	2°27	27°49	24°54	20°33	0°48	22°26	29°33	4°50	6°20	21° 8	n.a.	W 6
T 7	1 54 50	28°30'10	17°13	10°46	2°41	27°56	24°D53	20°40	0°52	22°25	29°31	4°51	6°17	21°15	n.a.	T 7
F 8	1 58 46	29°31'29	29°38	10°D45	2°54	28° 2	24°53	20°46	0°55	22°23	29°30	4°R52	6°13	21°22	n.a.	F 8
S 9	2 2 43	0♏32'49	11♌48	10°52	3° 4	28° 8	24°54	20°53	0°59	22°22	29°29	4°51	6°10	21°29	n.a.	S 9
S 10	2 6 39	1°34'09	23°48	11° 9	3°12	28°13	24°54	21° 0	1° 3	22°20	29°28	4°49	6° 7	21°35	n.a.	S 10
M11	2 10 36	2°35'30	5♍40	11°34	3°17	28°18	24°55	21° 7	1° 6	22°19	29°27	4°45	6° 4	21°42	n.a.	M11
T 12	2 14 32	3°36'51	17°31	12° 5	3°21	28°22	24°56	21°14	1°10	22°17	29°26	4°40	6° 1	21°49	n.a.	T 12
W13	2 18 29	4°38'12	29°23	12°43	3°R21	28°25	24°57	21°20	1°13	22°15	29°24	4°34	5°58	21°55	n.a.	W13
T 14	2 22 26	5°39'33	11♎19	13°27	3°20	28°27	24°58	21°27	1°17	22°14	29°23	4°28	5°54	22° 2	n.a.	T 14
F 15	2 26 22	6°40'55	23°21	14°16	3°16	28°29	25° 0	21°34	1°21	22°12	29°22	4°23	5°51	22° 9	n.a.	F 15
S 16	2 30 19	7°42'16	5♏32	15° 9	3° 9	28°29	25° 2	21°41	1°24	22°11	29°21	4°19	5°48	22°16	n.a.	S 16
S 17	2 34 15	8°43'37	17°51	16° 6	3° 0	28°R29	25° 4	21°48	1°28	22° 9	29°20	4°17	5°45	22°22	n.a.	S 17
M18	2 38 12	9°44'58	0♐20	17° 7	2°48	28°29	25° 6	21°55	1°32	22° 7	29°18	4°D16	5°42	22°29	n.a.	M18
T 19	2 42 8	10°46'19	13° 0	18°11	2°34	28°27	25° 8	22° 2	1°35	22° 6	29°17	4°16	5°38	22°36	n.a.	T 19
W20	2 46 5	11°47'39	25°53	19°17	2°17	28°25	25°11	22° 9	1°39	22° 4	29°16	4°17	5°35	22°42	n.a.	W20
T 21	2 50 1	12°48'59	8♑59	20°27	1°58	28°22	25°13	22°16	1°42	22° 2	29°15	4°19	5°32	22°49	n.a.	T 21
F 22	2 53 58	13°50'18	22°20	21°38	1°37	28°18	25°16	22°23	1°46	22° 1	29°14	4°20	5°29	22°56	n.a.	F 22
S 23	2 57 55	14°51'36	5♒57	22°51	1°13	28°13	25°19	22°30	1°50	21°59	29°13	4°21	5°26	23° 3	n.a.	S 23
S 24	3 1 51	15°52'54	19°51	24° 6	0°47	28° 8	25°23	22°37	1°53	21°57	29°12	4°R21	5°23	23° 9	n.a.	S 24
M25	3 5 48	16°54'11	4♓ 1	25°23	0°19	28° 2	25°26	22°45	1°57	21°56	29°10	4°21	5°19	23°16	n.a.	M25
T 26	3 9 44	17°55'27	18°26	26°41	29♏49	27°55	25°30	22°52	2° 0	21°54	29° 9	4°19	5°16	23°23	n.a.	T 26
W27	3 13 41	18°56'42	3♈ 2	28° 1	29°18	27°47	25°34	22°59	2° 4	21°52	29° 8	4°17	5°13	23°30	n.a.	W27
T 28	3 17 37	19°57'56	17°45	29°21	28°45	27°38	25°38	23° 6	2° 7	21°51	29° 7	4°15	5°10	23°36	n.a.	T 28
F 29	3 21 34	20°59'09	2♉26	0♏43	28°11	27°29	25°42	23°13	2°11	21°49	29° 6	4°14	5° 7	23°43	n.a.	F 29
S 30	3 25 31	22♏ 0'22	17♉ 0	2♏ 6	27♏35	27♊18	25♒47	23♏20	2♏14	21♉47	29♈ 5	4♐12	5♐ 4	23♍50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s53	12n41	3n22	4s 3	1n59	24s29	3s51	25n48	1n54	15s 6	1s44	17s 6	1n 2	11s36	0n18	17n32	1s18	3n56	8s10	21s33	21s51	0s46		n.a.
S 2	9 16	16 56	2 15	3 25	2 12	24 29	3 46	25 51	1 57	15 6	1 44	17 8	1 2	11 37	0 18	17 32	1 18	3 56	8 10	21 32	21 51	0 49		n.a.
S 3	9 39	20 1	1 1	2 53	2 24	24 29	3 41	25 53	1 59	15 6	1 43	17 10	1 2	11 39	0 18	17 32	1 18	3 56	8 10	21 32	21 50	0 51		n.a.
M 4	10 2	21 47	0s16	2 27	2 33	24 28	3 35	25 56	2 1	15 6	1 43	17 12	1 2	11 40	0 18	17 31	1 18	3 55	8 10	21 32	21 49	0 54		n.a.
T 5	10 25	22 10	1 29	2 7	2 40	24 26	3 29	25 58	2 4	15 6	1 43	17 14	1 2	11 41	0 18	17 31	1 18	3 55	8 10	21 32	21 49	0 56		n.a.
W 6	10 47	21 17	2 34	1 53	2 46	24 23	3 23	26 1	2 6	15 5	1 42	17 16	1 2	11 43	0 18	17 30	1 18	3 55	8 10	21 32	21 48	0 59		n.a.
T 7	11 10	19 19	3 31	1 46	2 49	24 19	3 16	26 3	2 8	15 5	1 42	17 18	1 2	11 44	0 18	17 30	1 18	3 54	8 10	21 32	21 48	1 1		n.a.
F 8	11 32	16 29	4 15	1 43	2 51	24 15	3 8	26 6	2 11	15 5	1 42	17 19	1 1	11 45	0 18	17 30	1 18	3 54	8 10	21 32	21 47	1 4		n.a.
S 9	11 54	13 0	4 47	1 46	2 51	24 9	3 1	26 8	2 13	15 4	1 41	17 21	1 1	11 46	0 18	17 29	1 18	3 53	8 10	21 32	21 47	1 6		n.a.
S 10	12 16	9 3	5 6	1 53	2 51	24 2	2 52	26 11	2 16	15 4	1 41	17 23	1 1	11 48	0 18	17 29	1 18	3 53	8 10	21 32	21 46	1 8		n.a.
M11	12 37	4 48	5 12	2 5	2 49	23 55	2 44	26 13	2 18	15 3	1 41	17 25	1 1	11 49	0 18	17 28	1 18	3 53	8 10	21 31	21 46	1 11		n.a.
T 12	12 59	0 23	5 4	2 20	2 46	23 46	2 34	26 16	2 21	15 3	1 40	17 27	1 1	11 50	0 18	17 28	1 18	3 52	8 10	21 30	21 45	1 13		n.a.
W13	13 20	4s 4	4 43	2 39	2 42	23 37	2 24	26 18	2 23	15 2	1 40	17 29	1 1	11 52	0 18	17 27	1 18	3 52	8 9	21 29	21 44	1 16		n.a.
T 14	13 41	8 23	4 10	3 0	2 37	23 27	2 14	26 21	2 26	15 1	1 40	17 31	1 1	11 53	0 18	17 27	1 18	3 52	8 9	21 28	21 44	1 18		n.a.
F 15	14 1	12 26	3 26	3 24	2 32	23 15	2 3	26 24	2 29	15 0	1 39	17 33	1 1	11 54	0 18	17 27	1 18	3 51	8 9	21 27	21 43	1 21		n.a.
S 16	14 22	16 0	2 31	3 50	2 26	23 3	1 52	26 26	2 31	15 0	1 39	17 35	1 1	11 55	0 18	17 26	1 18	3 51	8 9	21 26	21 43	1 23		n.a.
S 17	14 42	18 55	1 29	4 18	2 20	22 50	1 41	26 29	2 34	14 59	1 39	17 37	1 1	11 57	0 18	17 26	1 18	3 51	8 9	21 26	21 42	1 26		n.a.
M18	15 2	20 59	0 22	4 48	2 14	22 35	1 28	26 32	2 36	14 57	1 38	17 39	1 1	11 58	0 18	17 25	1 18	3 50	8 9	21 26	21 42	1 28		n.a.
T 19	15 22	22 2	0n48	5 19	2 7	22 20	1 16	26 34	2 39	14 56	1 38	17 41	1 0	11 59	0 18	17 25	1 18	3 50	8 9	21 26	21 41	1 31		n.a.
W20	15 41	21 55	1 56	5 51	2 0	22 4	1 3	26 37	2 42	14 55	1 38	17 43	1 0	12 1	0 18	17 24	1 18	3 50	8 9	21 26	21 40	1 33		n.a.
T 21	16 0	20 38	3 0	6 24	1 53	21 47	0 49	26 39	2 44	14 54	1 37	17 44	1 0	12 2	0 18	17 24	1 18	3 49	8 9	21 26	21 40	1 36		n.a.
F 22	16 19	18 10	3 55	6 59	1 45	21 29	0 35	26 42	2 47	14 53	1 37	17 46	1 0	12 3	0 18	17 24	1 18	3 49	8 9	21 27	21 39	1 38		n.a.
S 23	16 37	14 41	4 38	7 33	1 38	21 10	0 21	26 45	2 50	14 51	1 37	17 48	1 0	12 4	0 18	17 23	1 18	3 49	8 9	21 27	21 39	1 40		n.a.
S 24	16 56	10 20	5 6	8 9	1 30	20 50	0 6	26 47	2 52	14 50	1 36	17 50	1 0	12 6	0 18	17 23	1 18	3 48	8 9	21 27	21 38	1 43		n.a.
M25	17 14	5 20	5 16	8 44	1 22	20 30	0n 9	26 50	2 55	14 48	1 36	17 52	1 0	12 7	0 18	17 22	1 18	3 48	8 8	21 27	21 38	1 45		n.a.
T 26	17 31	0n 1	5 6	9 20	1 15	20 8	0 24	26 53	2 58	14 47	1 36	17 54	1 0	12 8	0 18	17 22	1 18	3 48	8 8	21 26	21 37	1 48		n.a.
W27	17 48	5 27	4 37	9 57	1 7	19 47	0 39	26 55	3 1	14 45	1 35	17 56	1 0	12 9	0 18	17 21	1 18	3 47	8 8	21 26	21 36	1 50		n.a.
T 28	18 5	10 37	3 50	10 33	0 59	19 24	0 54	26 58	3 3	14 43	1 35	17 58	1 0	12 11	0 18	17 21	1 18	3 47	8 8	21 26	21 36	1 53		n.a.
F 29	18 22	15 10	2 47	11 9	0 51	19 2	1 10	27 0	3 6	14 41	1 35	18 0	1 0	12 12	0 18	17 21	1 18	3 47	8 8	21 25	21 35	1 55		n.a.
S 30	18s38	18n45	1n34	11s46	0n44	18s38	1n25	27n 3	3n 9	14s39	1s34	18s 2	1n 0	12s13	0n18	17n20	1s18	3n47	8s 8	21s25	21s35	1s58		n.a.

Julian Day Number = 974060.5, Delta T = 13h21m47s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'51, Lahiri = -32°09'51 Julian Calendar 1 Nov. 2047 BCE == Greg. Calendar 15 Oct. 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2047 BCE
geocentric

DECEMBER 2047 BCE (-2046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 29 27	23♏ 1'34	1♊20	3♏30	26°R59	27°R 7	25♒52	23♏27	2♏18	21°R45	29°R 4	4°D12	5♐ 0	23♍56	n.a.	S 1
M 2	3 33 24	24° 2'46	15°21	4°54	26♏22	26♊55	25°56	23°34	2°21	21♉44	29♈ 3	4♐12	4°57	24° 3	n.a.	M 2
T 3	3 37 20	25° 3'56	28°59	6°20	25°45	26°43	26° 1	23°41	2°25	21°42	29° 2	4°13	4°54	24°10	n.a.	T 3
W 4	3 41 17	26° 5'06	12♋13	7°46	25° 8	26°30	26° 7	23°48	2°28	21°40	29° 1	4°14	4°51	24°17	n.a.	W 4
T 5	3 45 13	27° 6'16	25° 5	9°13	24°31	26°15	26°12	23°55	2°31	21°39	29° 0	4°14	4°48	24°23	n.a.	T 5
F 6	3 49 10	28° 7'24	7♌36	10°41	23°55	26° 0	26°18	24° 3	2°35	21°37	28°59	4°15	4°44	24°30	n.a.	F 6
S 7	3 53 7	29° 8'32	19°51	12° 9	23°19	25°45	26°23	24°10	2°38	21°35	28°58	4°15	4°41	24°37	n.a.	S 7
S 8	3 57 3	0♐ 9'39	1♍53	13°38	22°44	25°29	26°29	24°17	2°41	21°34	28°57	4°R15	4°38	24°43	n.a.	S 8
M 9	4 1 0	1°10'46	13°48	15° 8	22°11	25°11	26°35	24°24	2°45	21°32	28°56	4°15	4°35	24°50	n.a.	M 9
T 10	4 4 56	2°11'51	25°39	16°38	21°39	24°54	26°42	24°31	2°48	21°30	28°55	4°15	4°32	24°57	n.a.	T 10
W11	4 8 53	3°12'56	7♎32	18° 9	21° 8	24°35	26°48	24°38	2°51	21°29	28°54	4°15	4°29	25° 4	n.a.	W11
T 12	4 12 49	4°14'00	19°30	19°41	20°39	24°16	26°55	24°45	2°54	21°27	28°53	4°D15	4°25	25°10	n.a.	T 12
F 13	4 16 46	5°15'03	1♏38	21°13	20°13	23°57	27° 1	24°52	2°58	21°25	28°52	4°15	4°22	25°17	n.a.	F 13
S 14	4 20 42	6°16'05	13°57	22°46	19°48	23°37	27° 8	24°59	3° 1	21°24	28°51	4°15	4°19	25°24	n.a.	S 14
S 15	4 24 39	7°17'06	26°30	24°20	19°25	23°16	27°15	25° 6	3° 4	21°22	28°50	4°15	4°16	25°30	n.a.	S 15
M16	4 28 36	8°18'05	9♐17	25°54	19° 5	22°55	27°23	25°13	3° 7	21°20	28°49	4°R15	4°13	25°37	n.a.	M16
T 17	4 32 32	9°19'04	22°20	27°29	18°47	22°33	27°30	25°20	3°10	21°19	28°48	4°15	4°10	25°44	n.a.	T 17
W18	4 36 29	10°20'01	5♑37	29° 5	18°32	22°11	27°37	25°27	3°13	21°17	28°47	4°15	4° 6	25°51	n.a.	W18
T 19	4 40 25	11°20'56	19° 8	0♐41	18°19	21°48	27°45	25°34	3°16	21°16	28°46	4°14	4° 3	25°57	n.a.	T 19
F 20	4 44 22	12°21'50	2♒51	2°18	18° 9	21°26	27°53	25°41	3°20	21°14	28°46	4°13	4° 0	26° 4	n.a.	F 20
S 21	4 48 18	13°22'42	16°43	3°56	18° 0	21° 3	28° 1	25°48	3°23	21°13	28°45	4°12	3°57	26°11	n.a.	S 21
S 22	4 52 15	14°23'32	0♓44	5°35	17°55	20°39	28° 9	25°55	3°26	21°11	28°44	4°11	3°54	26°17	n.a.	S 22
M23	4 56 12	15°24'21	14°52	7°14	17°52	20°16	28°17	26° 1	3°28	21° 9	28°43	4°D11	3°50	26°24	n.a.	M23
T 24	5 0 8	16°25'07	29° 4	8°54	17°D51	19°52	28°26	26° 8	3°31	21° 8	28°42	4°11	3°47	26°31	n.a.	T 24
W25	5 4 5	17°25'52	13♈18	10°35	17°53	19°28	28°34	26°15	3°34	21° 6	28°42	4°12	3°44	26°38	n.a.	W25
T 26	5 8 1	18°26'35	27°32	12°17	17°57	19° 4	28°43	26°22	3°37	21° 5	28°41	4°13	3°41	26°44	n.a.	T 26
F 27	5 11 58	19°27'16	11♉44	13°59	18° 4	18°40	28°52	26°29	3°40	21° 3	28°40	4°14	3°38	26°51	n.a.	F 27
S 28	5 15 54	20°27'56	25°48	15°43	18°13	18°16	29° 1	26°35	3°43	21° 2	28°40	4°15	3°35	26°58	n.a.	S 28
S 29	5 19 51	21°28'33	9♊43	17°27	18°24	17°52	29°10	26°42	3°45	21° 1	28°39	4°R15	3°31	27° 4	n.a.	S 29
M30	5 23 47	22°29'09	23°25	19°12	18°37	17°29	29°19	26°49	3°48	20°59	28°38	4°14	3°28	27°11	n.a.	M30
T 31	5 27 44	23♐29'43	6♋50	20♐58	18♏52	17♊ 5	29♒28	26♏55	3♏51	20♉58	28♈38	4♐12	3♐25	27♍18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18s54	21n 6	0n16	12s22	0n36	18s15	1n41	27n 5	3n11	14s38	1s34	18s 3	1n 0	12s14	0n18	17n20	1s18	3n46	8s 8	21s25	21s34	2s 0			n.a.
M 2	19 10	22 5	1s 1	12 59	0 28	17 52	1 56	27 7	3 14	14 36	1 34	18 5	0 59	12 16	0 18	17 19	1 18	3 46	8 8	21 25	21 33	2 2			n.a.
T 3	19 25	21 42	2 13	13 35	0 21	17 28	2 11	27 10	3 17	14 33	1 33	18 7	0 59	12 17	0 18	17 19	1 18	3 46	8 8	21 25	21 33	2 5			n.a.
W 4	19 40	20 6	3 16	14 10	0 13	17 5	2 26	27 12	3 19	14 31	1 33	18 9	0 59	12 18	0 18	17 18	1 18	3 46	8 7	21 25	21 32	2 7			n.a.
T 5	19 55	17 31	4 6	14 46	0 6	16 42	2 40	27 14	3 22	14 29	1 33	18 11	0 59	12 19	0 18	17 18	1 18	3 45	8 7	21 25	21 32	2 10			n.a.
F 6	20 9	14 10	4 44	15 21	0s 1	16 19	2 54	27 16	3 24	14 27	1 32	18 13	0 59	12 20	0 18	17 18	1 17	3 45	8 7	21 26	21 31	2 12			n.a.
S 7	20 23	10 18	5 7	15 56	0 8	15 57	3 8	27 18	3 27	14 25	1 32	18 15	0 59	12 21	0 18	17 17	1 17	3 45	8 7	21 26	21 31	2 15			n.a.
S 8	20 36	6 6	5 17	16 30	0 15	15 36	3 21	27 20	3 29	14 22	1 32	18 16	0 59	12 23	0 18	17 17	1 17	3 45	8 7	21 26	21 30	2 17			n.a.
M 9	20 49	1 42	5 13	17 4	0 22	15 15	3 33	27 22	3 32	14 20	1 31	18 18	0 59	12 24	0 18	17 16	1 17	3 44	8 7	21 26	21 29	2 19			n.a.
T 10	21 1	2s44	4 56	17 37	0 29	14 55	3 45	27 24	3 34	14 17	1 31	18 20	0 59	12 25	0 18	17 16	1 17	3 44	8 7	21 26	21 29	2 22			n.a.
W11	21 14	7 6	4 26	18 9	0 36	14 36	3 57	27 25	3 37	14 15	1 31	18 22	0 59	12 26	0 18	17 15	1 17	3 44	8 6	21 26	21 28	2 24			n.a.
T 12	21 25	11 13	3 44	18 41	0 42	14 18	4 8	27 27	3 39	14 12	1 30	18 24	0 59	12 27	0 18	17 15	1 17	3 44	8 6	21 26	21 28	2 27			n.a.
F 13	21 37	14 57	2 51	19 12	0 48	14 1	4 18	27 28	3 41	14 10	1 30	18 25	0 59	12 28	0 18	17 15	1 17	3 44	8 6	21 26	21 27	2 29			n.a.
S 14	21 48	18 6	1 50	19 43	0 54	13 45	4 27	27 29	3 43	14 7	1 30	18 27	0 59	12 29	0 18	17 14	1 17	3 43	8 6	21 26	21 26	2 32			n.a.
S 15	21 58	20 28	0 43	20 13	1 0	13 31	4 36	27 30	3 46	14 4	1 29	18 29	0 59	12 31	0 18	17 14	1 17	3 43	8 6	21 26	21 26	2 34			n.a.
M16	22 8	21 50	0n28	20 41	1 6	13 17	4 45	27 31	3 48	14 1	1 29	18 31	0 59	12 32	0 18	17 13	1 17	3 43	8 6	21 26	21 25	2 36			n.a.
T 17	22 18	22 4	1 39	21 9	1 11	13 5	4 52	27 32	3 50	13 58	1 29	18 32	0 59	12 33	0 18	17 13	1 17	3 43	8 5	21 26	21 25	2 39			n.a.
W18	22 27	21 3	2 45	21 36	1 16	12 54	4 59	27 33	3 51	13 56	1 29	18 34	0 59	12 34	0 18	17 13	1 17	3 43	8 5	21 26	21 24	2 41			n.a.
T 19	22 36	18 50	3 44	22 2	1 21	12 45	5 5	27 33	3 53	13 53	1 28	18 36	0 58	12 35	0 18	17 12	1 17	3 43	8 5	21 25	21 23	2 44			n.a.
F 20	22 44	15 32	4 31	22 27	1 26	12 36	5 11	27 33	3 55	13 50	1 28	18 38	0 58	12 36	0 18	17 12	1 17	3 43	8 5	21 25	21 23	2 46			n.a.
S 21	22 52	11 21	5 2	22 51	1 31	12 29	5 16	27 33	3 57	13 46	1 28	18 39	0 58	12 37	0 18	17 11	1 17	3 42	8 5	21 25	21 22	2 48			n.a.
S 22	23 0	6 31	5 16	23 14	1 35	12 24	5 21	27 33	3 58	13 43	1 27	18 41	0 58	12 38	0 18	17 11	1 17	3 42	8 5	21 25	21 22	2 51			n.a.
M23	23 7	1 19	5 11	23 35	1 39	12 19	5 24	27 33	4 0	13 40	1 27	18 43	0 58	12 39	0 18	17 11	1 17	3 42	8 4	21 25	21 21	2 53			n.a.
T 24	23 13	4n 0	4 47	23 55	1 42	12 16	5 28	27 32	4 1	13 37	1 27	18 44	0 58	12 40	0 18	17 10	1 17	3 42	8 4	21 25	21 20	2 56			n.a.
W25	23 19	9 7	4 6	24 14	1 45	12 13	5 31	27 32	4 3	13 34	1 27	18 46	0 58	12 41	0 18	17 10	1 17	3 42	8 4	21 25	21 20	2 58			n.a.
T 26	23 25	13 45	3 9	24 31	1 48	12 12	5 33	27 31	4 4	13 30	1 26	18 48	0 58	12 42	0 18	17 9	1 17	3 42	8 4	21 25	21 19	3 0			n.a.
F 27	23 30	17 35	2 1	24 47	1 51	12 12	5 35	27 30	4 5	13 27	1 26	18 49	0 58	12 43	0 18	17 9	1 17	3 42	8 4	21 25	21 18	3 3			n.a.
S 28	23 35	20 21	0 47	25 1	1 53	12 13	5 36	27 29	4 6	13 23	1 26	18 51	0 58	12 44	0 18	17 9	1 17	3 42	8 3	21 26	21 18	3 5			n.a.
S 29	23 39	21 52	0s30	25 14	1 55	12 16	5 37	27 27	4 7	13 20	1 26	18 53	0 58	12 45	0 18	17 8	1 17	3 42	8 3	21 26	21 17	3 8			n.a.
M30	23 43	22 2	1 44	25 25	1 57	12 19	5 38	27 26	4 8	13 16	1 25	18 54	0 58	12 46	0 18	17 8	1 17	3 42	8 3	21 25	21 17	3 10			n.a.
T 31	23s46	20n55	2s50	25s34	1s58	12s23	5n38	27n24	4n 8	13s13	1s25	18s56	0n58	12s47	0n18	17n 8	1s17	3n42	8s 3	21s25	21s16	3s12			n.a.

Julian Day Number = 974090.5, Delta T = 13h21m45s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'47, Lahiri = -32°09'47 Julian Calendar 1 Dec. 2047 BCE == Greg. Calendar 14 Nov. 2047 BCE

The year -2046 astronomical counting style corresponds to year 2047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

JANUARY 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 31 41	24♐30'16	19♋58	22♐44	19♏10	16°R42	29♒38	27♏ 2	3♏53	20°R56	28°R37	4°R 9	3♐22	27♍25	n.a.	W 1
T 2	5 35 37	25°30'46	2♌48	24°32	19°29	16♊18	29°47	27° 8	3°56	20♉55	28♈36	4♐ 6	3°19	27°31	n.a.	T 2
F 3	5 39 34	26°31'16	15°20	26°20	19°50	15°56	29°57	27°15	3°59	20°54	28°36	4° 3	3°16	27°38	n.a.	F 3
S 4	5 43 30	27°31'43	27°37	28°10	20°13	15°33	0♓ 7	27°21	4° 1	20°53	28°35	3°59	3°12	27°45	n.a.	S 4
S 5	5 47 27	28°32'09	9♍41	29°59	20°38	15°11	0°17	27°28	4° 4	20°51	28°35	3°57	3° 9	27°51	n.a.	S 5
M 6	5 51 23	29°32'33	21°37	1♎51	21° 5	14°49	0°27	27°34	4° 6	20°50	28°34	3°55	3° 6	27°58	n.a.	M 6
T 7	5 55 20	0♎32'56	3♎29	3°42	21°33	14°28	0°37	27°41	4° 8	20°49	28°34	3°D55	3° 3	28° 5	n.a.	T 7
W 8	5 59 16	1°33'17	15°21	5°34	22° 3	14° 7	0°47	27°47	4°11	20°48	28°33	3°56	3° 0	28°12	n.a.	W 8
T 9	6 3 13	2°33'36	27°20	7°27	22°34	13°46	0°58	27°53	4°13	20°46	28°33	3°57	2°56	28°18	n.a.	T 9
F 10	6 7 10	3°33'54	9♏29	9°20	23° 7	13°26	1° 8	28° 0	4°15	20°45	28°32	3°59	2°53	28°25	n.a.	F 10
S 11	6 11 6	4°34'10	21°53	11°14	23°41	13° 7	1°19	28° 6	4°18	20°44	28°32	4° 1	2°50	28°32	n.a.	S 11
S 12	6 15 3	5°34'24	4♐35	13° 8	24°17	12°48	1°30	28°12	4°20	20°43	28°32	4°R 1	2°47	28°38	n.a.	S 12
M13	6 18 59	6°34'37	17°37	15° 2	24°54	12°30	1°40	28°18	4°22	20°42	28°31	4° 1	2°44	28°45	n.a.	M13
T 14	6 22 56	7°34'47	1♑ 0	16°56	25°32	12°13	1°51	28°24	4°24	20°41	28°31	3°58	2°41	28°52	n.a.	T 14
W15	6 26 52	8°34'56	14°43	18°49	26°12	11°56	2° 2	28°30	4°26	20°40	28°31	3°54	2°37	28°59	n.a.	W15
T 16	6 30 49	9°35'02	28°42	20°42	26°52	11°40	2°14	28°36	4°28	20°39	28°30	3°49	2°34	29° 5	n.a.	T 16
F 17	6 34 45	10°35'06	12♒54	22°34	27°34	11°25	2°25	28°42	4°30	20°38	28°30	3°43	2°31	29°12	n.a.	F 17
S 18	6 38 42	11°35'08	27°12	24°24	28°16	11°10	2°36	28°48	4°32	20°37	28°30	3°37	2°28	29°19	n.a.	S 18
S 19	6 42 39	12°35'08	11♓34	26°12	29° 0	10°57	2°47	28°54	4°34	20°36	28°30	3°32	2°25	29°25	n.a.	S 19
M20	6 46 35	13°35'05	25°53	27°59	29°44	10°44	2°59	28°59	4°36	20°35	28°29	3°29	2°22	29°32	n.a.	M20
T 21	6 50 32	14°35'00	10♈ 6	29°42	0♐30	10°31	3°11	29° 5	4°38	20°34	28°29	3°D28	2°18	29°39	n.a.	T 21
W22	6 54 28	15°34'52	24°12	1♒23	1°16	10°20	3°22	29°11	4°39	20°33	28°29	3°28	2°15	29°45	n.a.	W22
T 23	6 58 25	16°34'42	8♉ 9	2°59	2° 3	10° 9	3°34	29°16	4°41	20°32	28°29	3°29	2°12	29°52	n.a.	T 23
F 24	7 2 21	17°34'29	21°56	4°32	2°52	9°59	3°46	29°22	4°43	20°32	28°29	3°30	2° 9	29°59	n.a.	F 24
S 25	7 6 18	18°34'15	5♊34	6° 0	3°40	9°50	3°58	29°27	4°44	20°31	28°29	3°R31	2° 6	0♎ 6	n.a.	S 25
S 26	7 10 14	19°33'57	19° 1	7°22	4°30	9°42	4°10	29°33	4°46	20°30	28°29	3°30	2° 2	0°12	n.a.	S 26
M27	7 14 11	20°33'38	2♋18	8°39	5°20	9°34	4°22	29°38	4°47	20°30	28°29	3°26	1°59	0°19	n.a.	M27
T 28	7 18 8	21°33'16	15°22	9°49	6°11	9°27	4°34	29°43	4°49	20°29	28°29	3°21	1°56	0°26	n.a.	T 28
W29	7 22 4	22°32'52	28°14	10°53	7° 3	9°21	4°46	29°49	4°50	20°28	28°D29	3°13	1°53	0°32	n.a.	W29
T 30	7 26 1	23°32'26	10♌53	11°49	7°56	9°16	4°58	29°54	4°52	20°28	28°29	3° 4	1°50	0°39	n.a.	T 30
F 31	7 29 57	24♑31'57	23♌19	12♒38	8♐49	9♊12	5♓11	29♏59	4♏53	20♉27	28♈29	2♐54	1♐47	0♎46	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23 s49	18n41	3 s46	25 s42	1 s58	12 s28	5n37	27n22	4n 9	13 s 9	1 s25	18 s57	0n58	12 s48	0n18	17n 7	1 s17	3n42	8 s 3	21 s25	21 s15	3 s15			n.a.
T 2	23 51	15 34	4 29	25 47	1 58	12 33	5 37	27 20	4 9	13 5	1 25	18 59	0 58	12 49	0 18	17 7	1 17	3 42	8 3	21 24	21 15	3 17			n.a.
F 3	23 53	11 50	4 58	25 51	1 58	12 40	5 36	27 18	4 10	13 2	1 24	19 0	0 58	12 49	0 18	17 7	1 17	3 42	8 2	21 23	21 14	3 20			n.a.
S 4	23 54	7 40	5 12	25 52	1 57	12 47	5 35	27 16	4 10	12 58	1 24	19 2	0 58	12 50	0 18	17 6	1 17	3 42	8 2	21 23	21 14	3 22			n.a.
S 5	23 55	3 17	5 13	25 52	1 56	12 55	5 33	27 14	4 10	12 54	1 24	19 3	0 58	12 51	0 18	17 6	1 17	3 42	8 2	21 22	21 13	3 24			n.a.
M 6	23 56	1 s11	5 0	25 49	1 54	13 4	5 31	27 11	4 10	12 50	1 24	19 5	0 58	12 52	0 18	17 6	1 17	3 42	8 2	21 22	21 12	3 27			n.a.
T 7	23 56	5 35	4 34	25 44	1 52	13 14	5 29	27 9	4 10	12 46	1 23	19 6	0 58	12 53	0 18	17 6	1 17	3 42	8 1	21 22	21 12	3 29			n.a.
W 8	23 55	9 47	3 56	25 37	1 49	13 23	5 27	27 6	4 10	12 42	1 23	19 8	0 58	12 54	0 18	17 5	1 17	3 42	8 1	21 22	21 11	3 31			n.a.
T 9	23 54	13 39	3 8	25 28	1 45	13 34	5 24	27 3	4 10	12 38	1 23	19 9	0 58	12 54	0 18	17 5	1 17	3 42	8 1	21 22	21 10	3 34			n.a.
F 10	23 53	17 0	2 10	25 16	1 41	13 45	5 21	27 1	4 10	12 34	1 23	19 11	0 58	12 55	0 18	17 5	1 16	3 42	8 1	21 23	21 10	3 36			n.a.
S 11	23 51	19 40	1 6	25 2	1 36	13 56	5 18	26 58	4 10	12 30	1 22	19 12	0 58	12 56	0 18	17 4	1 16	3 42	8 1	21 23	21 9	3 39			n.a.
S 12	23 48	21 26	0n 3	24 46	1 30	14 8	5 15	26 55	4 9	12 26	1 22	19 14	0 58	12 57	0 18	17 4	1 16	3 42	8 0	21 23	21 8	3 41			n.a.
M13	23 46	22 7	1 14	24 27	1 24	14 20	5 12	26 52	4 9	12 22	1 22	19 15	0 58	12 57	0 18	17 4	1 16	3 42	8 0	21 23	21 8	3 43			n.a.
T 14	23 42	21 33	2 22	24 6	1 17	14 33	5 8	26 49	4 8	12 18	1 22	19 16	0 58	12 58	0 18	17 4	1 16	3 42	8 0	21 22	21 7	3 46			n.a.
W15	23 39	19 43	3 24	23 43	1 10	14 46	5 5	26 46	4 8	12 14	1 22	19 18	0 58	12 59	0 18	17 3	1 16	3 42	8 0	21 22	21 7	3 48			n.a.
T 16	23 34	16 41	4 14	23 18	1 1	14 59	5 1	26 43	4 7	12 9	1 21	19 19	0 58	13 0	0 18	17 3	1 16	3 42	8 0	21 21	21 6	3 50			n.a.
F 17	23 30	12 39	4 50	22 51	0 52	15 12	4 57	26 40	4 6	12 5	1 21	19 20	0 58	13 0	0 18	17 3	1 16	3 42	7 59	21 19	21 5	3 53			n.a.
S 18	23 25	7 52	5 8	22 22	0 42	15 26	4 53	26 37	4 5	12 1	1 21	19 22	0 58	13 1	0 18	17 3	1 16	3 42	7 59	21 18	21 5	3 55			n.a.
S 19	23 19	2 39	5 7	21 51	0 32	15 39	4 48	26 34	4 4	11 56	1 21	19 23	0 58	13 2	0 18	17 3	1 16	3 43	7 59	21 17	21 4	3 57			n.a.
M20	23 13	2n42	4 47	21 19	0 20	15 53	4 44	26 31	4 3	11 52	1 20	19 24	0 58	13 2	0 18	17 2	1 16	3 43	7 59	21 17	21 3	4 0			n.a.
T 21	23 7	7 53	4 9	20 46	0 9	16 7	4 39	26 28	4 2	11 47	1 20	19 26	0 58	13 3	0 18	17 2	1 16	3 43	7 58	21 17	21 3	4 2			n.a.
W22	23 0	12 36	3 17	20 12	0n 4	16 21	4 35	26 26	4 1	11 43	1 20	19 27	0 58	13 3	0 18	17 2	1 16	3 43	7 58	21 17	21 2	4 5			n.a.
T 23	22 52	16 36	2 13	19 37	0 17	16 35	4 30	26 23	4 0	11 38	1 20	19 28	0 58	13 4	0 18	17 2	1 16	3 43	7 58	21 17	21 1	4 7			n.a.
F 24	22 45	19 37	1 2	19 2	0 30	16 49	4 25	26 20	3 59	11 34	1 20	19 29	0 58	13 4	0 18	17 2	1 16	3 43	7 58	21 17	21 1	4 9			n.a.
S 25	22 37	21 29	0 s11	18 27	0 44	17 3	4 20	26 18	3 58	11 29	1 20	19 30	0 58	13 5	0 18	17 2	1 16	3 43	7 58	21 17	21 0	4 12			n.a.
S 26	22 28	22 5	1 23	17 52	0 58	17 17	4 15	26 15	3 56	11 25	1 19	19 32	0 58	13 6	0 18	17 1	1 16	3 44	7 57	21 17	21 0	4 14			n.a.
M27	22 19	21 26	2 29	17 18	1 13	17 31	4 10	26 12	3 55	11 20	1 19	19 33	0 58	13 6	0 18	17 1	1 16	3 44	7 57	21 16	20 59	4 16			n.a.
T 28	22 10	19 37	3 26	16 45	1 27	17 45	4 5	26 10	3 54	11 15	1 19	19 34	0 58	13 7	0 18	17 1	1 16	3 44	7 57	21 15	20 58	4 19			n.a.
W29	22 0	16 50	4 12	16 14	1 42	17 59	4 0	26 8	3 52	11 10	1 19	19 35	0 58	13 7	0 18	17 1	1 16	3 44	7 57	21 14	20 58	4 21			n.a.
T 30	21 50	13 19	4 44	15 44	1 56	18 13	3 55	26 6	3 51	11 6	1 19	19 36	0 58	13 8	0 18	17 1	1 16	3 44	7 56	21 12	20 57	4 23			n.a.
F 31	21 s39	9n17	5 s 2	15 s17	2n10	18 s26	3n50	26n 4	3n50	11 s 1	1 s18	19 s37	0n58	13 s 8	0n18	17n 1	1 s15	3n45	7 s56	21 s10	20 s56	4 s26			n.a.

Julian Day Number = 974121.5, Delta T = 13h21m43s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'43, Lahiri = -32°09'43 Julian Calendar 1 Jan. 2046 BCE == Greg. Calendar 15 Dec. 2047 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

FEBRUARY 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 33 54	25♉31'27	5♍32	13♒20	9♐42	9°R 8	5♓23	0♐ 4	4♏54	20°R27	28°♈29	2°R45	1♐43	0♎53	n.a.	S 1
S 2	7 37 50	26°30'54	17°35	13°53	10°36	9♊ 5	5°36	0° 9	4°56	20♉26	28°29	2♐37	1°40	0°59	n.a.	S 2
M 3	7 41 47	27°30'20	29°30	14°19	11°31	9° 3	5°48	0°14	4°57	20°26	28°29	2°31	1°37	1° 6	n.a.	M 3
T 4	7 45 43	28°29'43	11♎21	14°36	12°26	9° 2	6° 1	0°19	4°58	20°25	28°29	2°27	1°34	1°13	n.a.	T 4
W 5	7 49 40	29°29'04	23°13	14°45	13°22	9°D 1	6°13	0°23	4°59	20°25	28°29	2°25	1°31	1°19	n.a.	W 5
T 6	7 53 36	0♒28'24	5♏10	14°R46	14°19	9° 1	6°26	0°28	5° 0	20°24	28°29	2°D25	1°27	1°26	n.a.	T 6
F 7	7 57 33	1°27'42	17°17	14°40	15°15	9° 2	6°39	0°33	5° 1	20°24	28°29	2°26	1°24	1°33	n.a.	F 7
S 8	8 1 29	2°26'57	29°41	14°26	16°13	9° 4	6°52	0°37	5° 2	20°24	28°30	2°R26	1°21	1°39	n.a.	S 8
S 9	8 5 26	3°26'11	12♐25	14° 5	17°10	9° 6	7° 5	0°42	5° 3	20°23	28°30	2°26	1°18	1°46	n.a.	S 9
M10	8 9 23	4°25'23	25°34	13°37	18° 8	9° 9	7°18	0°46	5° 3	20°23	28°30	2°23	1°15	1°53	n.a.	M10
T 11	8 13 19	5°24'33	9♑ 8	13° 4	19° 7	9°13	7°31	0°50	5° 4	20°23	28°30	2°19	1°12	2° 0	n.a.	T 11
W12	8 17 16	6°23'40	23° 7	12°26	20° 6	9°17	7°44	0°55	5° 5	20°23	28°31	2°11	1° 8	2° 6	n.a.	W12
T 13	8 21 12	7°22'46	7♒29	11°43	21° 5	9°23	7°57	0°59	5° 6	20°23	28°31	2° 2	1° 5	2°13	n.a.	T 13
F 14	8 25 9	8°21'49	22° 8	10°57	22° 5	9°28	8°10	1° 3	5° 6	20°23	28°31	1°52	1° 2	2°20	n.a.	F 14
S 15	8 29 5	9°20'50	6♓54	10° 9	23° 5	9°35	8°24	1° 7	5° 7	20°23	28°32	1°42	0°59	2°26	n.a.	S 15
S 16	8 33 2	10°19'49	21°41	9°20	24° 5	9°42	8°37	1°11	5° 7	20°23	28°32	1°33	0°56	2°33	n.a.	S 16
M17	8 36 58	11°18'45	6♈21	8°30	25° 6	9°50	8°50	1°15	5° 8	20°D23	28°33	1°26	0°53	2°40	n.a.	M17
T 18	8 40 55	12°17'39	20°48	7°41	26° 7	9°58	9° 4	1°18	5° 8	20°23	28°33	1°22	0°49	2°47	n.a.	T 18
W19	8 44 51	13°16'30	4♉59	6°54	27° 8	10° 7	9°17	1°22	5° 8	20°23	28°34	1°21	0°46	2°53	n.a.	W19
T 20	8 48 48	14°15'19	18°52	6° 9	28° 9	10°16	9°30	1°26	5° 9	20°23	28°34	1°D20	0°43	3° 0	n.a.	T 20
F 21	8 52 45	15°14'05	2♊28	5°27	29°11	10°27	9°44	1°29	5° 9	20°23	28°35	1°R21	0°40	3° 7	n.a.	F 21
S 22	8 56 41	16°12'49	15°49	4°48	0♑13	10°37	9°57	1°33	5° 9	20°23	28°35	1°20	0°37	3°13	n.a.	S 22
S 23	9 0 38	17°11'31	28°57	4°14	1°16	10°49	10°11	1°36	5° 9	20°23	28°36	1°17	0°33	3°20	n.a.	S 23
M24	9 4 34	18°10'10	11♋52	3°45	2°18	11° 0	10°25	1°39	5° 9	20°23	28°36	1°12	0°30	3°27	n.a.	M24
T 25	9 8 31	19° 8'47	24°36	3°21	3°21	11°13	10°38	1°42	5°R 9	20°24	28°37	1° 3	0°27	3°33	n.a.	T 25
W26	9 12 27	20° 7'21	7♌10	3° 1	4°24	11°26	10°52	1°46	5° 9	20°24	28°37	0°52	0°24	3°40	n.a.	W26
T 27	9 16 24	21° 5'54	19°34	2°47	5°28	11°39	11° 6	1°49	5° 9	20°24	28°38	0°40	0°21	3°47	n.a.	T 27
F 28	9 20 20	22♒ 4'24	1♍48	2♒39	6♑31	11♊53	11♓19	1♐52	5♏ 9	20♉25	28°♈39	0♐26	0♐18	3♎54	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s28	4n56	5s 6	14s52	2n24	18s40	3n44	26n 2	3n48	10s56	1s18	19s38	0n58	13s 8	0n18	17n 1	1s15	3n45	7s56	21s 8	20s56	4s28		n.a.
S 2	21 17	0 29	4 56	14 30	2 37	18 53	3 39	26 0	3 47	10 51	1 18	19 39	0 58	13 9	0 18	17 1	1 15	3 45	7 56	21 6	20 55	4 30		n.a.
M 3	21 5	3s57	4 33	14 10	2 50	19 6	3 34	25 58	3 45	10 46	1 18	19 41	0 58	13 9	0 18	17 1	1 15	3 45	7 56	21 5	20 54	4 33		n.a.
T 4	20 53	8 14	3 59	13 54	3 1	19 19	3 28	25 56	3 44	10 41	1 18	19 42	0 58	13 10	0 18	17 0	1 15	3 46	7 55	21 4	20 54	4 35		n.a.
W 5	20 40	12 12	3 14	13 41	3 12	19 31	3 23	25 55	3 42	10 37	1 18	19 43	0 58	13 10	0 18	17 0	1 15	3 46	7 55	21 4	20 53	4 37		n.a.
T 6	20 28	15 43	2 21	13 31	3 22	19 43	3 17	25 53	3 41	10 32	1 17	19 44	0 58	13 10	0 18	17 0	1 15	3 46	7 55	21 4	20 52	4 39		n.a.
F 7	20 14	18 37	1 20	13 25	3 30	19 55	3 12	25 52	3 39	10 27	1 17	19 45	0 58	13 11	0 18	17 0	1 15	3 46	7 55	21 4	20 52	4 42		n.a.
S 8	20 1	20 44	0 15	13 22	3 37	20 7	3 6	25 50	3 38	10 22	1 17	19 45	0 58	13 11	0 18	17 0	1 15	3 47	7 54	21 4	20 51	4 44		n.a.
S 9	19 47	21 52	0n53	13 23	3 43	20 18	3 1	25 49	3 36	10 17	1 17	19 46	0 58	13 11	0 18	17 0	1 15	3 47	7 54	21 4	20 50	4 46		n.a.
M10	19 33	21 51	2 0	13 27	3 47	20 29	2 55	25 48	3 34	10 11	1 17	19 47	0 58	13 11	0 18	17 0	1 15	3 47	7 54	21 4	20 50	4 49		n.a.
T 11	19 18	20 34	3 3	13 35	3 49	20 39	2 50	25 47	3 33	10 6	1 17	19 48	0 58	13 12	0 18	17 0	1 15	3 48	7 54	21 3	20 49	4 51		n.a.
W12	19 3	18 2	3 56	13 45	3 50	20 49	2 44	25 46	3 31	10 1	1 17	19 49	0 58	13 12	0 18	17 0	1 15	3 48	7 54	21 1	20 48	4 53		n.a.
T 13	18 48	14 20	4 36	13 58	3 48	20 59	2 38	25 46	3 30	9 56	1 16	19 50	0 58	13 12	0 18	17 0	1 15	3 48	7 53	20 59	20 48	4 56		n.a.
F 14	18 33	9 43	4 58	14 14	3 45	21 9	2 33	25 45	3 28	9 51	1 16	19 51	0 58	13 12	0 18	17 0	1 15	3 49	7 53	20 57	20 47	4 58		n.a.
S 15	18 17	4 30	5 1	14 32	3 40	21 17	2 27	25 44	3 26	9 46	1 16	19 52	0 58	13 13	0 18	17 0	1 15	3 49	7 53	20 55	20 46	5 0		n.a.
S 16	18 1	0n59	4 44	14 51	3 34	21 26	2 22	25 44	3 25	9 41	1 16	19 52	0 58	13 13	0 18	17 0	1 15	3 49	7 53	20 53	20 46	5 3		n.a.
M17	17 44	6 22	4 9	15 12	3 25	21 34	2 16	25 43	3 23	9 35	1 16	19 53	0 58	13 13	0 18	17 0	1 15	3 50	7 52	20 52	20 45	5 5		n.a.
T 18	17 27	11 19	3 18	15 34	3 16	21 41	2 11	25 43	3 22	9 30	1 16	19 54	0 58	13 13	0 18	17 0	1 15	3 50	7 52	20 51	20 44	5 7		n.a.
W19	17 10	15 34	2 15	15 57	3 5	21 49	2 5	25 43	3 20	9 25	1 16	19 55	0 58	13 13	0 18	17 1	1 15	3 50	7 52	20 51	20 44	5 9		n.a.
T 20	16 53	18 50	1 6	16 20	2 53	21 55	2 0	25 43	3 18	9 20	1 16	19 56	0 58	13 13	0 18	17 1	1 14	3 51	7 52	20 51	20 43	5 12		n.a.
F 21	16 36	20 59	0s 6	16 43	2 39	22 1	1 54	25 43	3 17	9 14	1 15	19 56	0 58	13 13	0 18	17 1	1 14	3 51	7 52	20 51	20 42	5 14		n.a.
S 22	16 18	21 54	1 16	17 6	2 26	22 7	1 49	25 43	3 15	9 9	1 15	19 57	0 58	13 13	0 18	17 1	1 14	3 52	7 51	20 51	20 42	5 16		n.a.
S 23	16 0	21 35	2 21	17 28	2 11	22 12	1 44	25 43	3 14	9 4	1 15	19 58	0 58	13 13	0 18	17 1	1 14	3 52	7 51	20 50	20 41	5 19		n.a.
M24	15 42	20 7	3 17	17 50	1 56	22 16	1 38	25 43	3 12	8 58	1 15	19 58	0 58	13 13	0 18	17 1	1 14	3 52	7 51	20 49	20 40	5 21		n.a.
T 25	15 23	17 40	4 2	18 10	1 41	22 20	1 33	25 43	3 11	8 53	1 15	19 59	0 58	13 13	0 18	17 1	1 14	3 53	7 51	20 47	20 40	5 23		n.a.
W26	15 4	14 25	4 35	18 30	1 26	22 24	1 28	25 44	3 9	8 47	1 15	20 0	0 58	13 13	0 18	17 1	1 14	3 53	7 50	20 45	20 39	5 25		n.a.
T 27	14 45	10 36	4 55	18 48	1 10	22 27	1 22	25 44	3 7	8 42	1 15	20 0	0 58	13 13	0 18	17 1	1 14	3 54	7 50	20 42	20 38	5 28		n.a.
F 28	14s26	6n23	5s 0	19s 5	0n55	22s29	1n17	25n44	3n 6	8s37	1s15	20s 1	0n58	13s13	0n18	17n 2	1s14	3n54	7s50	20s39	20s38	5s30		n.a.

Julian Day Number = 974152.5, Delta T = 13h21m41s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'39, Lahiri = -32°09'38 Julian Calendar 1 Feb. 2046 BCE == Greg. Calendar 15 Jan. 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

MARCH 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 24 17	23♒ 2'52	13♍54	2°D35	7♉35	12♊ 7	11♓33	1♐54	5°R 9	20♉25	28♈39	0°R13	0♐14	4♎ 0	n.a.	S 1
S 2	9 28 13	24° 1'19	25°52	2♒37	8°39	12°22	11°47	1°57	5♏ 9	20°26	28°40	0♐ 1	0°11	4° 7	n.a.	S 2
M 3	9 32 10	24°59'43	7♎45	2°44	9°43	12°38	12° 1	2° 0	5° 9	20°26	28°41	29♏51	0° 8	4°14	n.a.	M 3
T 4	9 36 7	25°58'06	19°34	2°56	10°48	12°53	12°15	2° 2	5° 8	20°26	28°41	29°44	0° 5	4°20	n.a.	T 4
W 5	9 40 3	26°56'26	1♏25	3°13	11°52	13°10	12°29	2° 5	5° 8	20°27	28°42	29°40	0° 2	4°27	n.a.	W 5
T 6	9 44 0	27°54'45	13°20	3°34	12°57	13°26	12°42	2° 7	5° 8	20°28	28°43	29°38	29♏59	4°34	n.a.	T 6
F 7	9 47 56	28°53'03	25°26	4° 0	14° 2	13°43	12°56	2°10	5° 7	20°28	28°44	29°37	29°55	4°40	n.a.	F 7
S 8	9 51 53	29°51'18	7♐47	4°31	15° 7	14° 1	13°10	2°12	5° 7	20°29	28°45	29°37	29°52	4°47	n.a.	S 8
S 9	9 55 49	0♓49'32	20°29	5° 5	16°13	14°19	13°24	2°14	5° 6	20°29	28°45	29°37	29°49	4°54	n.a.	S 9
M10	9 59 46	1°47'45	3♉36	5°43	17°18	14°38	13°38	2°16	5° 5	20°30	28°46	29°34	29°46	5° 1	n.a.	M10
T 11	10 3 42	2°45'55	17°11	6°25	18°24	14°56	13°52	2°18	5° 5	20°31	28°47	29°29	29°43	5° 7	n.a.	T 11
W12	10 7 39	3°44'04	1♒16	7°11	19°30	15°16	14° 6	2°20	5° 4	20°32	28°48	29°21	29°39	5°14	n.a.	W12
T 13	10 11 35	4°42'12	15°47	8° 0	20°36	15°35	14°20	2°21	5° 3	20°32	28°49	29°11	29°36	5°21	n.a.	T 13
F 14	10 15 32	5°40'17	0♓40	8°53	21°42	15°55	14°34	2°23	5° 2	20°33	28°50	29° 0	29°33	5°27	n.a.	F 14
S 15	10 19 29	6°38'21	15°46	9°49	22°48	16°16	14°48	2°25	5° 2	20°34	28°51	28°49	29°30	5°34	n.a.	S 15
S 16	10 23 25	7°36'22	0♈54	10°47	23°55	16°36	15° 2	2°26	5° 1	20°35	28°52	28°40	29°27	5°41	n.a.	S 16
M17	10 27 22	8°34'22	15°55	11°49	25° 1	16°57	15°17	2°27	5° 0	20°36	28°53	28°32	29°24	5°47	n.a.	M17
T 18	10 31 18	9°32'20	0♉40	12°53	26° 8	17°19	15°31	2°29	4°59	20°37	28°54	28°28	29°20	5°54	n.a.	T 18
W19	10 35 15	10°30'16	15° 4	14° 0	27°15	17°41	15°45	2°30	4°58	20°38	28°55	28°25	29°17	6° 1	n.a.	W19
T 20	10 39 11	11°28'10	29° 5	15°10	28°22	18° 3	15°59	2°31	4°57	20°39	28°56	28°D25	29°14	6° 8	n.a.	T 20
F 21	10 43 8	12°26'01	12♊42	16°22	29°29	18°25	16°13	2°32	4°56	20°40	28°57	28°R25	29°11	6°14	n.a.	F 21
S 22	10 47 4	13°23'51	25°58	17°37	0♒36	18°48	16°27	2°33	4°54	20°41	28°58	28°25	29° 8	6°21	n.a.	S 22
S 23	10 51 1	14°21'39	8♋56	18°54	1°43	19°11	16°41	2°33	4°53	20°42	28°59	28°22	29° 4	6°28	n.a.	S 23
M24	10 54 58	15°19'25	21°39	20°14	2°51	19°34	16°55	2°34	4°52	20°43	29° 0	28°18	29° 1	6°34	n.a.	M24
T 25	10 58 54	16°17'10	4♌ 8	21°35	3°58	19°58	17° 9	2°35	4°51	20°44	29° 1	28°10	28°58	6°41	n.a.	T 25
W26	11 2 51	17°14'52	16°28	23° 0	5° 6	20°22	17°23	2°35	4°49	20°45	29° 2	28° 0	28°55	6°48	n.a.	W26
T 27	11 6 47	18°12'33	28°38	24°26	6°14	20°46	17°38	2°36	4°48	20°47	29° 3	27°49	28°52	6°54	n.a.	T 27
F 28	11 10 44	19°10'12	10♍42	25°54	7°22	21°11	17°52	2°36	4°46	20°48	29° 4	27°36	28°49	7° 1	n.a.	F 28
S 29	11 14 40	20° 7'49	22°40	27°25	8°30	21°36	18° 6	2°36	4°45	20°49	29° 5	27°24	28°45	7° 8	n.a.	S 29
S 30	11 18 37	21° 5'25	4♎33	28°58	9°38	22° 1	18°20	2°R36	4°43	20°50	29° 6	27°13	28°42	7°14	n.a.	S 30
M31	11 22 33	22♓ 3'00	16♎23	0♓33	10♒46	22♊26	18♓34	2♐36	4♏42	20♉52	29♈ 8	27♏ 4	28♏39	7♎21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 7	1n59	4s52	19s20	0n40	22s31	1n12	25n45	3n 4	8s31	1s15	20s 1	0n58	13s13	0n18	17n 2	1s14	3n54	7s50	20s37	20s37	5s32		n.a.
S 2	13 47	2s27	4 31	19 34	0 25	22 32	1 7	25 46	3 3	8 26	1 14	20 2	0 58	13 13	0 18	17 2	1 14	3 55	7 50	20 34	20 36	5 34		n.a.
M 3	13 27	6 46	3 58	19 46	0 11	22 32	1 2	25 46	3 1	8 20	1 14	20 2	0 58	13 13	0 18	17 2	1 14	3 55	7 49	20 32	20 36	5 37		n.a.
T 4	13 7	10 48	3 15	19 57	0s 3	22 32	0 57	25 47	3 0	8 15	1 14	20 3	0 58	13 13	0 18	17 2	1 14	3 56	7 49	20 30	20 35	5 39		n.a.
W 5	12 47	14 26	2 23	20 6	0 16	22 32	0 52	25 47	2 58	8 9	1 14	20 3	0 58	13 13	0 18	17 2	1 14	3 56	7 49	20 29	20 34	5 41		n.a.
T 6	12 27	17 31	1 25	20 13	0 29	22 31	0 47	25 48	2 57	8 4	1 14	20 4	0 58	13 13	0 18	17 3	1 14	3 57	7 49	20 29	20 33	5 43		n.a.
F 7	12 6	19 52	0 22	20 19	0 41	22 29	0 42	25 49	2 55	7 58	1 14	20 4	0 58	13 13	0 18	17 3	1 14	3 57	7 49	20 29	20 33	5 46		n.a.
S 8	11 45	21 21	0n43	20 23	0 53	22 26	0 37	25 49	2 54	7 53	1 14	20 5	0 58	13 12	0 18	17 3	1 14	3 58	7 48	20 29	20 32	5 48		n.a.
S 9	11 24	21 47	1 48	20 25	1 4	22 23	0 32	25 50	2 52	7 47	1 14	20 5	0 58	13 12	0 18	17 3	1 14	3 58	7 48	20 29	20 31	5 50		n.a.
M10	11 3	21 3	2 49	20 26	1 15	22 20	0 27	25 51	2 51	7 42	1 14	20 5	0 58	13 12	0 18	17 4	1 14	3 59	7 48	20 28	20 31	5 52		n.a.
T 11	10 42	19 6	3 43	20 25	1 25	22 15	0 23	25 52	2 49	7 36	1 14	20 6	0 58	13 12	0 18	17 4	1 13	3 59	7 48	20 27	20 30	5 55		n.a.
W12	10 20	15 58	4 26	20 22	1 34	22 11	0 18	25 53	2 48	7 30	1 14	20 6	0 58	13 11	0 18	17 4	1 13	4 0	7 48	20 25	20 29	5 57		n.a.
T 13	9 59	11 47	4 53	20 17	1 43	22 5	0 14	25 53	2 47	7 25	1 14	20 6	0 58	13 11	0 18	17 4	1 13	4 0	7 47	20 23	20 29	5 59		n.a.
F 14	9 37	6 47	5 1	20 11	1 51	21 59	0 9	25 54	2 45	7 19	1 14	20 7	0 58	13 11	0 18	17 5	1 13	4 1	7 47	20 21	20 28	6 1		n.a.
S 15	9 15	1 19	4 48	20 3	1 58	21 53	0 5	25 55	2 44	7 14	1 13	20 7	0 58	13 11	0 18	17 5	1 13	4 1	7 47	20 18	20 27	6 4		n.a.
S 16	8 53	4n15	4 15	19 53	2 5	21 45	0 0	25 56	2 42	7 8	1 13	20 7	0 58	13 10	0 18	17 5	1 13	4 2	7 47	20 16	20 27	6 6		n.a.
M17	8 31	9 31	3 25	19 41	2 11	21 37	0s 4	25 57	2 41	7 2	1 13	20 8	0 58	13 10	0 18	17 5	1 13	4 2	7 47	20 14	20 26	6 8		n.a.
T 18	8 9	14 8	2 21	19 28	2 16	21 29	0 8	25 57	2 40	6 57	1 13	20 8	0 58	13 10	0 18	17 6	1 13	4 3	7 47	20 13	20 25	6 10		n.a.
W19	7 47	17 48	1 10	19 12	2 21	21 20	0 12	25 58	2 38	6 51	1 13	20 8	0 58	13 9	0 18	17 6	1 13	4 3	7 46	20 13	20 24	6 13		n.a.
T 20	7 24	20 18	0s 4	18 55	2 25	21 10	0 16	25 59	2 37	6 46	1 13	20 8	0 58	13 9	0 18	17 6	1 13	4 4	7 46	20 13	20 24	6 15		n.a.
F 21	7 2	21 33	1 15	18 37	2 29	21 0	0 20	26 0	2 36	6 40	1 13	20 8	0 58	13 9	0 18	17 7	1 13	4 4	7 46	20 13	20 23	6 17		n.a.
S 22	6 39	21 31	2 21	18 16	2 32	20 49	0 24	26 0	2 34	6 34	1 13	20 9	0 58	13 8	0 18	17 7	1 13	4 5	7 46	20 13	20 22	6 19		n.a.
S 23	6 17	20 20	3 17	17 54	2 34	20 38	0 28	26 1	2 33	6 29	1 13	20 9	0 58	13 8	0 18	17 7	1 13	4 5	7 46	20 12	20 22	6 22		n.a.
M24	5 54	18 9	4 3	17 30	2 36	20 26	0 32	26 2	2 32	6 23	1 13	20 9	0 58	13 7	0 18	17 8	1 13	4 6	7 46	20 11	20 21	6 24		n.a.
T 25	5 31	15 9	4 36	17 4	2 37	20 13	0 35	26 2	2 30	6 17	1 13	20 9	0 58	13 7	0 18	17 8	1 13	4 6	7 45	20 9	20 20	6 26		n.a.
W26	5 8	11 32	4 56	16 36	2 37	20 0	0 39	26 3	2 29	6 12	1 13	20 9	0 58	13 6	0 18	17 8	1 13	4 7	7 45	20 7	20 20	6 28		n.a.
T 27	4 45	7 29	5 2	16 7	2 37	19 47	0 42	26 3	2 28	6 6	1 13	20 9	0 58	13 6	0 18	17 9	1 13	4 7	7 45	20 4	20 19	6 30		n.a.
F 28	4 22	3 11	4 54	15 35	2 36	19 33	0 46	26 4	2 26	6 0	1 13	20 9	0 58	13 5	0 18	17 9	1 13	4 8	7 45	20 2	20 18	6 33		n.a.
S 29	3 59	1s12	4 33	15 2	2 35	19 18	0 49	26 4	2 25	5 55	1 13	20 9	0 58	13 5	0 18	17 10	1 13	4 8	7 45	19 59	20 17	6 35		n.a.
S 30	3 36	5 31	4 1	14 27	2 33	19 3	0 52	26 4	2 24	5 49	1 13	20 9	0 58	13 4	0 18	17 10	1 13	4 9	7 45	19 56	20 17	6 37		n.a.
M31	3s13	9s36	3s18	13s51	2s31	18s47	0s55	26n 5	2n23	5s43	1s13	20s 9	0n58	13s 4	0n18	17n10	1s12	4n 9	7s44	19s54	20s16	6s39		n.a.

Julian Day Number = 974180.5, Delta T = 13h21m39s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'35, Lahiri = -32°09'35 Julian Calendar 1 March 2046 BCE == Greg. Calendar 12 Feb. 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

APRIL 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 26 30	23♓ 0'33	28♎13	2♓10	11♒54	22♊52	18♓48	2°R36	4°R40	20♉53	29♈ 9	26°R58	28♏36	7♎28	n.a.	T 1
W 2	11 30 26	23°58'05	10♏ 4	3°49	13° 2	23°18	19° 2	2♐36	4♏39	20°54	29°10	26♏54	28°33	7°35	n.a.	W 2
T 3	11 34 23	24°55'36	22° 1	5°30	14°11	23°44	19°16	2°36	4°37	20°56	29°11	26°D53	28°30	7°41	n.a.	T 3
F 4	11 38 20	25°53'06	4♐ 8	7°14	15°19	24°10	19°30	2°35	4°35	20°57	29°12	26°53	28°26	7°48	n.a.	F 4
S 5	11 42 16	26°50'34	16°28	8°59	16°28	24°37	19°44	2°35	4°34	20°59	29°14	26°54	28°23	7°55	n.a.	S 5
S 6	11 46 13	27°48'02	29° 8	10°47	17°37	25° 4	19°58	2°34	4°32	21° 0	29°15	26°R54	28°20	8° 1	n.a.	S 6
M 7	11 50 9	28°45'29	12♑11	12°37	18°45	25°31	20°12	2°33	4°30	21° 2	29°16	26°53	28°17	8° 8	n.a.	M 7
T 8	11 54 6	29°42'55	25°42	14°28	19°54	25°58	20°26	2°33	4°28	21° 3	29°17	26°50	28°14	8°15	n.a.	T 8
W 9	11 58 2	0♈40'20	9♒42	16°22	21° 3	26°26	20°40	2°32	4°26	21° 5	29°19	26°45	28°10	8°21	n.a.	W 9
T 10	12 1 59	1°37'44	24°10	18°18	22°12	26°53	20°54	2°31	4°25	21° 6	29°20	26°39	28° 7	8°28	n.a.	T 10
F 11	12 5 55	2°35'06	9♓ 2	20°16	23°21	27°21	21° 8	2°30	4°23	21° 8	29°21	26°31	28° 4	8°35	n.a.	F 11
S 12	12 9 52	3°32'28	24°11	22°16	24°31	27°50	21°22	2°29	4°21	21° 9	29°23	26°23	28° 1	8°41	n.a.	S 12
S 13	12 13 49	4°29'49	9♈27	24°18	25°40	28°18	21°36	2°27	4°19	21°11	29°24	26°16	27°58	8°48	n.a.	S 13
M14	12 17 45	5°27'09	24°39	26°21	26°49	28°47	21°50	2°26	4°17	21°13	29°25	26°11	27°55	8°55	n.a.	M14
T 15	12 21 42	6°24'28	9♉38	28°27	27°59	29°16	22° 4	2°25	4°15	21°14	29°26	26° 7	27°51	9° 2	n.a.	T 15
W16	12 25 38	7°21'45	24°15	0♈33	29° 8	29°45	22°18	2°23	4°13	21°16	29°28	26°D 6	27°48	9° 8	n.a.	W16
T 17	12 29 35	8°19'02	8♊27	2°41	0♓18	0♋14	22°32	2°21	4°10	21°18	29°29	26° 7	27°45	9°15	n.a.	T 17
F 18	12 33 31	9°16'17	22°13	4°51	1°27	0°43	22°45	2°20	4° 8	21°19	29°30	26° 8	27°42	9°22	n.a.	F 18
S 19	12 37 28	10°13'31	5♋33	7° 1	2°37	1°13	22°59	2°18	4° 6	21°21	29°32	26°R 9	27°39	9°28	n.a.	S 19
S 20	12 41 24	11°10'44	18°31	9°12	3°47	1°43	23°13	2°16	4° 4	21°23	29°33	26° 9	27°36	9°35	n.a.	S 20
M21	12 45 21	12° 7'56	1♌10	11°23	4°57	2°13	23°27	2°14	4° 2	21°25	29°35	26° 7	27°32	9°42	n.a.	M21
T 22	12 49 18	13° 5'07	13°33	13°35	6° 6	2°43	23°40	2°12	4° 0	21°27	29°36	26° 3	27°29	9°48	n.a.	T 22
W23	12 53 14	14° 2'16	25°44	15°46	7°16	3°13	23°54	2°10	3°57	21°28	29°37	25°58	27°26	9°55	n.a.	W23
T 24	12 57 11	14°59'25	7♍46	17°57	8°26	3°44	24° 7	2° 8	3°55	21°30	29°39	25°51	27°23	10° 2	n.a.	T 24
F 25	13 1 7	15°56'33	19°42	20° 8	9°36	4°14	24°21	2° 5	3°53	21°32	29°40	25°44	27°20	10° 8	n.a.	F 25
S 26	13 5 4	16°53'40	1♎35	22°18	10°46	4°45	24°35	2° 3	3°51	21°34	29°41	25°37	27°16	10°15	n.a.	S 26
S 27	13 9 0	17°50'47	13°25	24°26	11°57	5°16	24°48	2° 1	3°48	21°36	29°43	25°31	27°13	10°22	n.a.	S 27
M28	13 12 57	18°47'52	25°16	26°34	13° 7	5°47	25° 1	1°58	3°46	21°38	29°44	25°26	27°10	10°28	n.a.	M28
T 29	13 16 53	19°44'58	7♏ 8	28°39	14°17	6°19	25°15	1°55	3°44	21°40	29°46	25°22	27° 7	10°35	n.a.	T 29
W30	13 20 50	20♈42'03	19♏ 5	0♉44	15♓27	6♋50	25♓28	1♐53	3♏41	21♉42	29♈47	25♏21	27♏ 4	10♎42	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s50	13s20	2s27	13s12	2s28	18s30	0s59	26n 5	2n21	5s38	1s13	20s 9	0n58	13s 3	0n18	17n11	1s12	4n10	7s44	19s53	20s15	6s41		n.a.
W 2	2 27	16 32	1 29	12 32	2 24	18 14	1 2	26 5	2 20	5 32	1 13	20 9	0 58	13 3	0 18	17 11	1 12	4 11	7 44	19 52	20 15	6 44		n.a.
T 3	2 3	19 4	0 26	11 50	2 20	17 56	1 4	26 5	2 19	5 26	1 13	20 9	0 58	13 2	0 18	17 12	1 12	4 11	7 44	19 51	20 14	6 46		n.a.
F 4	1 40	20 46	0n39	11 7	2 15	17 38	1 7	26 5	2 18	5 21	1 13	20 9	0 58	13 2	0 18	17 12	1 12	4 12	7 44	19 51	20 13	6 48		n.a.
S 5	1 17	21 31	1 43	10 21	2 9	17 20	1 10	26 5	2 16	5 15	1 13	20 9	0 58	13 1	0 18	17 12	1 12	4 12	7 44	19 52	20 12	6 50		n.a.
S 6	0 54	21 12	2 44	9 34	2 4	17 1	1 13	26 5	2 15	5 10	1 13	20 9	0 58	13 0	0 18	17 13	1 12	4 13	7 44	19 52	20 12	6 52		n.a.
M 7	0 30	19 44	3 38	8 46	1 57	16 42	1 15	26 5	2 14	5 4	1 13	20 8	0 58	13 0	0 18	17 13	1 12	4 13	7 43	19 52	20 11	6 55		n.a.
T 8	0 7	17 8	4 22	7 55	1 50	16 22	1 18	26 5	2 13	4 58	1 13	20 8	0 58	12 59	0 18	17 14	1 12	4 14	7 43	19 51	20 10	6 57		n.a.
W 9	0n16	13 29	4 53	7 3	1 43	16 2	1 20	26 4	2 12	4 53	1 13	20 8	0 59	12 59	0 18	17 14	1 12	4 15	7 43	19 50	20 9	6 59		n.a.
T 10	0 40	8 56	5 6	6 10	1 35	15 41	1 22	26 4	2 10	4 47	1 13	20 8	0 59	12 58	0 18	17 15	1 12	4 15	7 43	19 48	20 9	7 1		n.a.
F 11	1 3	3 44	4 59	5 15	1 26	15 20	1 25	26 3	2 9	4 41	1 13	20 8	0 59	12 57	0 18	17 15	1 12	4 16	7 43	19 46	20 8	7 3		n.a.
S 12	1 26	1n47	4 31	4 19	1 17	14 59	1 27	26 3	2 8	4 36	1 13	20 8	0 59	12 57	0 18	17 16	1 12	4 16	7 43	19 44	20 7	7 5		n.a.
S 13	1 49	7 14	3 44	3 21	1 8	14 37	1 29	26 2	2 7	4 30	1 13	20 7	0 59	12 56	0 18	17 16	1 12	4 17	7 43	19 43	20 7	7 8		n.a.
M14	2 13	12 14	2 41	2 22	0 59	14 14	1 31	26 1	2 6	4 25	1 13	20 7	0 59	12 55	0 18	17 16	1 12	4 17	7 43	19 41	20 6	7 10		n.a.
T 15	2 36	16 22	1 28	1 22	0 49	13 52	1 33	26 0	2 5	4 19	1 13	20 7	0 59	12 54	0 18	17 17	1 12	4 18	7 42	19 41	20 5	7 12		n.a.
W16	2 59	19 23	0 10	0 22	0 39	13 29	1 34	25 59	2 3	4 13	1 13	20 6	0 59	12 54	0 18	17 17	1 12	4 19	7 42	19 40	20 4	7 14		n.a.
T 17	3 22	21 4	1s 6	0n40	0 28	13 5	1 36	25 58	2 2	4 8	1 13	20 6	0 59	12 53	0 18	17 18	1 12	4 19	7 42	19 41	20 4	7 16		n.a.
F 18	3 45	21 26	2 16	1 42	0 18	12 41	1 38	25 57	2 1	4 2	1 13	20 6	0 59	12 52	0 18	17 18	1 12	4 20	7 42	19 41	20 3	7 18		n.a.
S 19	4 8	20 32	3 17	2 44	0 7	12 17	1 39	25 55	2 0	3 57	1 13	20 5	0 59	12 52	0 18	17 19	1 12	4 20	7 42	19 41	20 2	7 21		n.a.
S 20	4 31	18 34	4 5	3 46	0n 3	11 53	1 41	25 54	1 59	3 51	1 13	20 5	0 59	12 51	0 18	17 19	1 12	4 21	7 42	19 41	20 1	7 23		n.a.
M21	4 53	15 45	4 41	4 48	0 14	11 28	1 42	25 52	1 58	3 46	1 13	20 5	0 59	12 50	0 18	17 20	1 12	4 21	7 42	19 41	20 1	7 25		n.a.
T 22	5 16	12 17	5 2	5 50	0 24	11 3	1 43	25 51	1 57	3 40	1 13	20 4	0 59	12 49	0 18	17 20	1 12	4 22	7 42	19 40	20 0	7 27		n.a.
W23	5 39	8 21	5 9	6 51	0 34	10 37	1 44	25 49	1 56	3 35	1 13	20 4	0 59	12 49	0 18	17 21	1 12	4 23	7 42	19 38	19 59	7 29		n.a.
T 24	6 1	4 9	5 3	7 52	0 44	10 12	1 45	25 47	1 54	3 29	1 13	20 3	0 59	12 48	0 18	17 22	1 12	4 23	7 42	19 37	19 58	7 31		n.a.
F 25	6 24	0s10	4 43	8 51	0 54	9 46	1 46	25 45	1 53	3 24	1 13	20 3	0 59	12 47	0 18	17 22	1 11	4 24	7 41	19 35	19 58	7 33		n.a.
S 26	6 46	4 28	4 11	9 49	1 3	9 19	1 47	25 43	1 52	3 18	1 13	20 2	0 58	12 46	0 18	17 23	1 11	4 24	7 41	19 33	19 57	7 36		n.a.
S 27	7 8	8 35	3 28	10 46	1 12	8 53	1 48	25 40	1 51	3 13	1 13	20 2	0 58	12 45	0 18	17 23	1 11	4 25	7 41	19 32	19 56	7 38		n.a.
M28	7 31	12 23	2 37	11 41	1 20	8 26	1 49	25 38	1 50	3 8	1 13	20 1	0 58	12 45	0 18	17 24	1 11	4 25	7 41	19 31	19 56	7 40		n.a.
T 29	7 53	15 43	1 38	12 34	1 28	7 59	1 49	25 35	1 49	3 2	1 13	20 1	0 58	12 44	0 18	17 24	1 11	4 26	7 41	19 30	19 55	7 42		n.a.
W30	8n15	18s24	0s34	13n26	1n35	7s31	1s50	25n33	1n48	2s57	1s13	20s 0	0n58	12s43	0n18	17n25	1s11	4n26	7s41	19s29	19s54	7s44		n.a.

Julian Day Number = 974211.5, Delta T = 13h21m37s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'31, Lahiri = -32°09'30 Julian Calendar 1 Apr. 2046 BCE == Greg. Calendar 15 March 2046 BCE

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

MAY 2046 BCE (-2045) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 24 47	21♈39'07	1♐ 8	2♉46	16♓38	7♋22	25♓42	1°R50	3°R39	21♉44	29♈49	25°D21	27♏ 1	10♎49	n.a.	T 1
F 2	13 28 43	22°36'11	13°21	4°46	17°48	7°54	25°55	1♐47	3♏37	21°46	29°50	25♏22	26°57	10°55	n.a.	F 2
S 3	13 32 40	23°33'15	25°47	6°45	18°59	8°26	26° 8	1°44	3°34	21°48	29°51	25°23	26°54	11° 2	n.a.	S 3
S 4	13 36 36	24°30'19	8♑30	8°41	20° 9	8°58	26°21	1°41	3°32	21°50	29°53	25°25	26°51	11° 9	n.a.	S 4
M 5	13 40 33	25°27'23	21°33	10°36	21°20	9°30	26°35	1°38	3°29	21°52	29°54	25°R26	26°48	11°15	n.a.	M 5
T 6	13 44 29	26°24'27	4♒59	12°28	22°31	10° 3	26°48	1°35	3°27	21°54	29°56	25°25	26°45	11°22	n.a.	T 6
W 7	13 48 26	27°21'31	18°51	14°18	23°42	10°35	27° 1	1°32	3°25	21°56	29°57	25°24	26°41	11°29	n.a.	W 7
T 8	13 52 23	28°18'35	3♓ 8	16° 5	24°52	11° 8	27°14	1°28	3°22	21°58	29°58	25°22	26°38	11°35	n.a.	T 8
F 9	13 56 19	29°15'38	17°48	17°51	26° 3	11°41	27°27	1°25	3°20	22° 0	29°59	25°18	26°35	11°42	n.a.	F 9
S 10	14 0 16	0♉12'42	2♈45	19°34	27°14	12°14	27°40	1°22	3°17	22° 2	0♉ 1	25°15	26°32	11°49	n.a.	S 10
S 11	14 4 12	1° 9'46	17°53	21°15	28°25	12°47	27°52	1°18	3°15	22° 4	0° 3	25°12	26°29	11°55	n.a.	S 11
M12	14 8 9	2° 6'50	3♉ 2	22°53	29°36	13°20	28° 5	1°15	3°12	22° 6	0° 4	25°10	26°26	12° 2	n.a.	M12
T 13	14 12 5	3° 3'53	18° 1	24°30	0♈47	13°53	28°18	1°11	3°10	22° 8	0° 6	25°D 9	26°22	12° 9	n.a.	T 13
W14	14 16 2	4° 0'57	2♊44	26° 4	1°58	14°27	28°31	1° 7	3° 8	22°10	0° 7	25° 9	26°19	12°15	n.a.	W14
T 15	14 19 58	4°58'01	17° 3	27°35	3° 9	15° 1	28°43	1° 4	3° 5	22°13	0° 8	25°10	26°16	12°22	n.a.	T 15
F 16	14 23 55	5°55'04	0♋57	29° 5	4°21	15°35	28°56	1° 0	3° 3	22°15	0°10	25°11	26°13	12°29	n.a.	F 16
S 17	14 27 52	6°52'07	14°25	0♊32	5°32	16° 8	29° 8	0°56	3° 0	22°17	0°11	25°12	26°10	12°36	n.a.	S 17
S 18	14 31 48	7°49'10	27°27	1°56	6°43	16°43	29°21	0°52	2°58	22°19	0°13	25°13	26° 7	12°42	n.a.	S 18
M19	14 35 45	8°46'13	10♌ 8	3°19	7°55	17°17	29°33	0°48	2°55	22°21	0°14	25°R13	26° 3	12°49	n.a.	M19
T 20	14 39 41	9°43'16	22°30	4°38	9° 6	17°51	29°46	0°44	2°53	22°23	0°16	25°13	26° 0	12°56	n.a.	T 20
W21	14 43 38	10°40'18	4♍39	5°56	10°17	18°26	29°58	0°40	2°51	22°26	0°17	25°12	25°57	13° 2	n.a.	W21
T 22	14 47 34	11°37'21	16°38	7°10	11°29	19° 0	0♈10	0°36	2°48	22°28	0°18	25°10	25°54	13° 9	n.a.	T 22
F 23	14 51 31	12°34'24	28°31	8°22	12°40	19°35	0°22	0°32	2°46	22°30	0°20	25° 8	25°51	13°16	n.a.	F 23
S 24	14 55 28	13°31'26	10♎21	9°32	13°52	20°10	0°34	0°28	2°43	22°32	0°21	25° 7	25°47	13°22	n.a.	S 24
S 25	14 59 24	14°28'29	22°11	10°38	15° 4	20°44	0°46	0°24	2°41	22°34	0°23	25° 5	25°44	13°29	n.a.	S 25
M26	15 3 21	15°25'32	4♏ 5	11°42	16°15	21°20	0°58	0°20	2°39	22°37	0°24	25° 4	25°41	13°36	n.a.	M26
T 27	15 7 17	16°22'36	16° 4	12°43	17°27	21°55	1°10	0°15	2°36	22°39	0°25	25° 3	25°38	13°42	n.a.	T 27
W28	15 11 14	17°19'40	28°10	13°41	18°39	22°30	1°21	0°11	2°34	22°41	0°27	25°D 3	25°35	13°49	n.a.	W28
T 29	15 15 10	18°16'45	10♐26	14°36	19°51	23° 5	1°33	0° 7	2°32	22°43	0°28	25° 4	25°32	13°56	n.a.	T 29
F 30	15 19 7	19°13'50	22°52	15°27	21° 3	23°41	1°45	0° 3	2°29	22°46	0°30	25° 4	25°28	14° 2	n.a.	F 30
S 31	15 23 3	20♉10'56	5♑31	16♊15	22♈15	24♋16	1♈56	29♏58	2♏27	22♉48	0♉31	25♏ 5	25♏25	14♎ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n36	20s17	0n32	14n15	1n41	7s 4	1s50	25n30	1n47	2s51	1s13	20s 0	0n58	12s42	0n18	17n25	1s11	4n27	7s41	19s29	19s53	7s46		n.a.
F 2	8 58	21 16	1 37	15 3	1 47	6 36	1 50	25 27	1 46	2 46	1 13	19 59	0 58	12 41	0 18	17 26	1 11	4 28	7 41	19 30	19 53	7 48		n.a.
S 3	9 20	21 13	2 39	15 48	1 52	6 8	1 51	25 24	1 45	2 41	1 13	19 59	0 58	12 41	0 18	17 26	1 11	4 28	7 41	19 30	19 52	7 50		n.a.
S 4	9 41	20 5	3 35	16 31	1 56	5 40	1 51	25 21	1 44	2 35	1 13	19 58	0 58	12 40	0 18	17 27	1 11	4 29	7 41	19 30	19 51	7 53		n.a.
M 5	10 2	17 52	4 21	17 12	2 0	5 12	1 51	25 17	1 43	2 30	1 13	19 57	0 58	12 39	0 18	17 27	1 11	4 29	7 41	19 31	19 50	7 55		n.a.
T 6	10 24	14 39	4 54	17 51	2 3	4 43	1 51	25 14	1 42	2 25	1 13	19 57	0 58	12 38	0 18	17 28	1 11	4 30	7 41	19 31	19 50	7 57		n.a.
W 7	10 45	10 33	5 12	18 27	2 6	4 15	1 51	25 10	1 41	2 20	1 13	19 56	0 58	12 37	0 18	17 29	1 11	4 30	7 41	19 30	19 49	7 59		n.a.
T 8	11 5	5 44	5 11	19 1	2 7	3 46	1 51	25 6	1 40	2 14	1 13	19 56	0 58	12 36	0 18	17 29	1 11	4 31	7 41	19 30	19 48	8 1		n.a.
F 9	11 26	0 29	4 50	19 33	2 8	3 17	1 51	25 2	1 39	2 9	1 13	19 55	0 58	12 36	0 18	17 30	1 11	4 31	7 41	19 29	19 47	8 3		n.a.
S 10	11 47	4n55	4 9	20 3	2 9	2 48	1 50	24 58	1 38	2 4	1 13	19 54	0 58	12 35	0 18	17 30	1 11	4 32	7 40	19 28	19 47	8 5		n.a.
S 11	12 7	10 5	3 11	20 30	2 9	2 19	1 50	24 54	1 37	1 59	1 13	19 54	0 58	12 34	0 18	17 31	1 11	4 33	7 40	19 27	19 46	8 7		n.a.
M12	12 27	14 38	1 59	20 56	2 8	1 50	1 49	24 50	1 36	1 54	1 13	19 53	0 58	12 33	0 18	17 31	1 11	4 33	7 40	19 27	19 45	8 9		n.a.
T 13	12 47	18 10	0 39	21 19	2 6	1 20	1 49	24 45	1 35	1 49	1 14	19 52	0 58	12 32	0 18	17 32	1 11	4 34	7 40	19 26	19 44	8 11		n.a.
W14	13 7	20 27	0s42	21 40	2 4	0 51	1 48	24 41	1 34	1 44	1 14	19 51	0 58	12 31	0 18	17 33	1 11	4 34	7 40	19 26	19 43	8 14		n.a.
T 15	13 26	21 20	1 58	21 59	2 1	0 22	1 48	24 36	1 33	1 38	1 14	19 51	0 58	12 31	0 18	17 33	1 11	4 35	7 40	19 27	19 43	8 16		n.a.
F 16	13 46	20 50	3 5	22 16	1 58	0n 8	1 47	24 31	1 32	1 33	1 14	19 50	0 58	12 30	0 18	17 34	1 11	4 35	7 40	19 27	19 42	8 18		n.a.
S 17	14 5	19 10	4 0	22 31	1 53	0 37	1 46	24 26	1 31	1 28	1 14	19 49	0 58	12 29	0 18	17 34	1 11	4 36	7 40	19 27	19 41	8 20		n.a.
S 18	14 24	16 31	4 40	22 45	1 49	1 7	1 45	24 20	1 30	1 23	1 14	19 48	0 58	12 28	0 18	17 35	1 11	4 36	7 40	19 27	19 40	8 22		n.a.
M19	14 43	13 10	5 5	22 56	1 43	1 37	1 44	24 15	1 29	1 18	1 14	19 48	0 58	12 27	0 18	17 36	1 11	4 37	7 40	19 28	19 40	8 24		n.a.
T 20	15 1	9 19	5 16	23 6	1 38	2 6	1 43	24 9	1 28	1 14	1 14	19 47	0 58	12 26	0 18	17 36	1 11	4 37	7 40	19 27	19 39	8 26		n.a.
W21	15 20	5 10	5 12	23 14	1 31	2 36	1 42	24 4	1 27	1 9	1 14	19 46	0 58	12 26	0 18	17 37	1 11	4 38	7 40	19 27	19 38	8 28		n.a.
T 22	15 38	0 52	4 54	23 20	1 24	3 5	1 41	23 58	1 26	1 4	1 14	19 45	0 58	12 25	0 18	17 37	1 11	4 38	7 40	19 27	19 37	8 30		n.a.
F 23	15 55	3s25	4 24	23 24	1 16	3 35	1 40	23 52	1 25	0 59	1 14	19 44	0 58	12 24	0 18	17 38	1 11	4 39	7 40	19 26	19 37	8 32		n.a.
S 24	16 13	7 35	3 43	23 27	1 8	4 4	1 38	23 46	1 24	0 54	1 14	19 44	0 58	12 23	0 18	17 38	1 11	4 39	7 40	19 26	19 36	8 34		n.a.
S 25	16 30	11 28	2 52	23 29	1 0	4 34	1 37	23 39	1 23	0 49	1 14	19 43	0 58	12 22	0 18	17 39	1 11	4 40	7 40	19 26	19 35	8 36		n.a.
M26	16 48	14 55	1 54	23 29	0 50	5 3	1 35	23 33	1 22	0 45	1 15	19 42	0 57	12 21	0 18	17 40	1 11	4 40	7 40	19 25	19 34	8 38		n.a.
T 27	17 4	17 46	0 50	23 27	0 41	5 33	1 34	23 26	1 21	0 40	1 15	19 41	0 57	12 21	0 18	17 40	1 11	4 41	7 40	19 25	19 34	8 40		n.a.
W28	17 21	19 53	0n17	23 25	0 31	6 2	1 32	23 19	1 20	0 35	1 15	19 40	0 57	12 20	0 18	17 41	1 11	4 41	7 40	19 25	19 33	8 43		n.a.
T 29	17 37	21 5	1 24	23 21	0 20	6 31	1 31	23 12	1 19	0 31	1 15	19 39	0 57	12 19	0 18	17 41	1 11	4 42	7 40	19 25	19 32	8 45		n.a.
F 30	17 53	21 16	2 28	23 16	0 9	7 0	1 29	23 5	1 18	0 26	1 15	19 39	0 57	12 18	0 18	17 42	1 11	4 42	7 40	19 25	19 31	8 47		n.a.
S 31	18n 9	20s22	3n26	23n 9	0s 3	7n29	1s27	22n58	1n17	0s22	1s15	19s38	0n57	12s17	0n18	17n43	1s11	4n43	7s40	19s25	19s30	8s49		n.a.

Julian Day Number = 974241.5, Delta T = 13h21m35s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'27, Lahiri = -32°09'26 Julian Calendar 1 May 2046 BCE == Greg. Calendar 14 Apr. 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

JUNE 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 27 0	21♉ 8'03	18♑25	17♊ 0	23♈27	24♋52	2♈ 8	29°R54	2°R25	22♉50	0♉32	25♏ 5	25♏22	14♎16	n.a.	S 1
M 2	15 30 57	22° 5'10	1♒35	17°41	24°39	25°28	2°19	29♏50	2♏23	22°52	0°34	25° 5	25°19	14°22	n.a.	M 2
T 3	15 34 53	23° 2'19	15° 3	18°18	25°51	26° 4	2°30	29°45	2°20	22°54	0°35	25° 6	25°16	14°29	n.a.	T 3
W 4	15 38 50	23°59'28	28°51	18°51	27° 3	26°40	2°41	29°41	2°18	22°57	0°36	25°R 6	25°12	14°36	n.a.	W 4
T 5	15 42 46	24°56'38	12♓57	19°20	28°15	27°16	2°52	29°36	2°16	22°59	0°38	25°D 6	25° 9	14°42	n.a.	T 5
F 6	15 46 43	25°53'50	27°21	19°45	29°27	27°52	3° 3	29°32	2°14	23° 1	0°39	25° 6	25° 6	14°49	n.a.	F 6
S 7	15 50 39	26°51'02	11♈59	20° 5	0♉39	28°29	3°14	29°28	2°12	23° 3	0°40	25° 6	25° 3	14°56	n.a.	S 7
S 8	15 54 36	27°48'16	26°46	20°21	1°52	29° 5	3°25	29°23	2° 9	23° 6	0°42	25° 6	25° 0	15° 2	n.a.	S 8
M 9	15 58 33	28°45'30	11♉37	20°32	3° 4	29°42	3°36	29°19	2° 7	23° 8	0°43	25° 6	24°57	15° 9	n.a.	M 9
T 10	16 2 29	29°42'46	26°23	20°38	4°17	0♌18	3°46	29°14	2° 5	23°10	0°44	25°R 6	24°53	15°16	n.a.	T 10
W11	16 6 26	0♊40'03	10♊58	20°R39	5°29	0°55	3°57	29°10	2° 3	23°12	0°45	25° 6	24°50	15°23	n.a.	W11
T 12	16 10 22	1°37'20	25°15	20°36	6°41	1°32	4° 7	29° 5	2° 1	23°14	0°47	25° 6	24°47	15°29	n.a.	T 12
F 13	16 14 19	2°34'38	9♋10	20°27	7°54	2° 9	4°18	29° 1	1°59	23°17	0°48	25° 5	24°44	15°36	n.a.	F 13
S 14	16 18 15	3°31'58	22°41	20°13	9° 7	2°46	4°28	28°56	1°57	23°19	0°49	25° 4	24°41	15°43	n.a.	S 14
S 15	16 22 12	4°29'17	5♌47	19°54	10°19	3°23	4°38	28°52	1°55	23°21	0°50	25° 3	24°38	15°49	n.a.	S 15
M16	16 26 9	5°26'38	18°31	19°30	11°32	4° 1	4°48	28°48	1°53	23°23	0°52	25° 2	24°34	15°56	n.a.	M16
T 17	16 30 5	6°24'00	0♍56	19° 2	12°45	4°38	4°58	28°43	1°52	23°25	0°53	25°D 2	24°31	16° 3	n.a.	T 17
W18	16 34 2	7°21'22	13° 5	18°29	13°57	5°16	5° 7	28°39	1°50	23°28	0°54	25° 2	24°28	16° 9	n.a.	W18
T 19	16 37 58	8°18'45	25° 4	17°52	15°10	5°53	5°17	28°34	1°48	23°30	0°55	25° 2	24°25	16°16	n.a.	T 19
F 20	16 41 55	9°16'09	6♎55	17°12	16°23	6°31	5°27	28°30	1°46	23°32	0°56	25° 3	24°22	16°23	n.a.	F 20
S 21	16 45 51	10°13'34	18°46	16°29	17°36	7° 9	5°36	28°26	1°44	23°34	0°57	25° 4	24°18	16°29	n.a.	S 21
S 22	16 49 48	11°11'00	0♏38	15°43	18°49	7°46	5°45	28°22	1°43	23°36	0°59	25° 6	24°15	16°36	n.a.	S 22
M23	16 53 44	12° 8'28	12°36	14°56	20° 2	8°24	5°55	28°17	1°41	23°38	1° 0	25° 7	24°12	16°43	n.a.	M23
T 24	16 57 41	13° 5'56	24°44	14° 9	21°15	9° 2	6° 4	28°13	1°39	23°41	1° 1	25°R 7	24° 9	16°49	n.a.	T 24
W25	17 1 38	14° 3'26	7♐ 2	13°21	22°28	9°41	6°13	28° 9	1°38	23°43	1° 2	25° 7	24° 6	16°56	n.a.	W25
T 26	17 5 34	15° 0'57	19°34	12°35	23°41	10°19	6°21	28° 5	1°36	23°45	1° 3	25° 5	24° 3	17° 3	n.a.	T 26
F 27	17 9 31	15°58'30	2♑19	11°51	24°54	10°57	6°30	28° 1	1°35	23°47	1° 4	25° 3	23°59	17° 9	n.a.	F 27
S 28	17 13 27	16°56'04	15°19	11°10	26° 7	11°36	6°39	27°56	1°33	23°49	1° 5	25° 0	23°56	17°16	n.a.	S 28
S 29	17 17 24	17°53'40	28°32	10°32	27°21	12°14	6°47	27°52	1°32	23°51	1° 6	24°57	23°53	17°23	n.a.	S 29
M30	17 21 20	18♊51'17	11♒59	9♊59	28♉34	12♌53	6♈56	27♏48	1♏30	23♉53	1♉ 7	24♏54	23♏50	17♎29	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n24	18s25	4n15	23n 2	0s15	7n58	1s26	22n50	1n16	0s17	1s15	19s37	0n57	12s17	0n18	17n43	1s11	4n43	7s40	19s26	19s30	8s51		n.a.
M 2	18 40	15 29	4 51	22 53	0 27	8 26	1 24	22 43	1 15	0 12	1 15	19 36	0 57	12 16	0 18	17 44	1 11	4 44	7 40	19 26	19 29	8 53		n.a.
T 3	18 55	11 40	5 13	22 44	0 40	8 55	1 22	22 35	1 14	0 8	1 15	19 35	0 57	12 15	0 18	17 44	1 11	4 44	7 40	19 26	19 28	8 55		n.a.
W 4	19 9	7 10	5 17	22 34	0 53	9 23	1 20	22 27	1 13	0 4	1 15	19 34	0 57	12 14	0 18	17 45	1 11	4 44	7 40	19 26	19 27	8 57		n.a.
T 5	19 23	2 11	5 2	22 23	1 7	9 51	1 18	22 19	1 13	0n 1	1 16	19 33	0 57	12 14	0 18	17 45	1 11	4 45	7 40	19 26	19 27	8 59		n.a.
F 6	19 37	3n 1	4 29	22 11	1 21	10 19	1 16	22 11	1 12	0 5	1 16	19 32	0 57	12 13	0 18	17 46	1 11	4 45	7 40	19 26	19 26	9 1		n.a.
S 7	19 51	8 9	3 37	21 59	1 35	10 47	1 14	22 2	1 11	0 9	1 16	19 31	0 57	12 12	0 18	17 47	1 11	4 46	7 40	19 26	19 25	9 3		n.a.
S 8	20 4	12 52	2 31	21 46	1 49	11 15	1 12	21 54	1 10	0 14	1 16	19 31	0 57	12 11	0 18	17 47	1 11	4 46	7 40	19 26	19 24	9 5		n.a.
M 9	20 17	16 48	1 14	21 32	2 3	11 42	1 10	21 45	1 9	0 18	1 16	19 30	0 56	12 11	0 18	17 48	1 11	4 47	7 40	19 26	19 23	9 7		n.a.
T 10	20 30	19 37	0s 7	21 19	2 17	12 9	1 7	21 36	1 8	0 22	1 16	19 29	0 56	12 10	0 18	17 48	1 11	4 47	7 40	19 26	19 23	9 9		n.a.
W11	20 42	21 7	1 27	21 5	2 31	12 36	1 5	21 27	1 7	0 26	1 16	19 28	0 56	12 9	0 18	17 49	1 11	4 47	7 40	19 26	19 22	9 11		n.a.
T 12	20 54	21 11	2 40	20 50	2 45	13 2	1 3	21 18	1 6	0 30	1 16	19 27	0 56	12 9	0 18	17 49	1 11	4 48	7 40	19 26	19 21	9 13		n.a.
F 13	21 6	19 56	3 41	20 36	2 59	13 28	1 1	21 8	1 5	0 34	1 17	19 26	0 56	12 8	0 18	17 50	1 11	4 48	7 40	19 25	19 20	9 15		n.a.
S 14	21 17	17 34	4 28	20 22	3 12	13 54	0 58	20 59	1 4	0 38	1 17	19 25	0 56	12 7	0 18	17 51	1 11	4 49	7 40	19 25	19 19	9 17		n.a.
S 15	21 28	14 22	4 59	20 8	3 25	14 20	0 56	20 49	1 3	0 42	1 17	19 24	0 56	12 7	0 18	17 51	1 11	4 49	7 41	19 25	19 19	9 19		n.a.
M16	21 39	10 36	5 15	19 54	3 37	14 45	0 54	20 39	1 2	0 46	1 17	19 23	0 56	12 6	0 18	17 52	1 11	4 49	7 41	19 25	19 18	9 21		n.a.
T 17	21 49	6 28	5 15	19 40	3 48	15 10	0 51	20 29	1 2	0 50	1 17	19 23	0 56	12 5	0 18	17 52	1 11	4 50	7 41	19 25	19 17	9 23		n.a.
W18	21 59	2 9	5 1	19 27	3 59	15 34	0 49	20 19	1 1	0 54	1 17	19 22	0 56	12 5	0 17	17 53	1 11	4 50	7 41	19 25	19 16	9 25		n.a.
T 19	22 8	2s11	4 35	19 15	4 8	15 59	0 46	20 9	1 0	0 58	1 17	19 21	0 55	12 4	0 17	17 53	1 11	4 50	7 41	19 25	19 16	9 27		n.a.
F 20	22 17	6 24	3 56	19 3	4 16	16 22	0 44	19 58	0 59	1 1	1 18	19 20	0 55	12 3	0 17	17 54	1 11	4 51	7 41	19 25	19 15	9 29		n.a.
S 21	22 26	10 23	3 8	18 53	4 22	16 46	0 41	19 48	0 58	1 5	1 18	19 19	0 55	12 3	0 17	17 55	1 11	4 51	7 41	19 25	19 14	9 31		n.a.
S 22	22 34	13 58	2 11	18 43	4 27	17 9	0 39	19 37	0 57	1 9	1 18	19 18	0 55	12 2	0 17	17 55	1 11	4 51	7 41	19 26	19 13	9 33		n.a.
M23	22 42	17 1	1 9	18 35	4 30	17 32	0 36	19 26	0 56	1 12	1 18	19 17	0 55	12 2	0 17	17 56	1 11	4 52	7 41	19 26	19 12	9 35		n.a.
T 24	22 50	19 22	0 2	18 28	4 32	17 54	0 34	19 15	0 55	1 16	1 18	19 17	0 55	12 1	0 17	17 56	1 11	4 52	7 41	19 26	19 12	9 37		n.a.
W25	22 57	20 51	1n 5	18 22	4 32	18 15	0 31	19 4	0 54	1 19	1 18	19 16	0 55	12 1	0 17	17 57	1 11	4 52	7 41	19 26	19 11	9 39		n.a.
T 26	23 4	21 20	2 11	18 19	4 30	18 37	0 29	18 52	0 53	1 23	1 18	19 15	0 55	12 0	0 17	17 57	1 11	4 53	7 41	19 26	19 10	9 41		n.a.
F 27	23 10	20 43	3 11	18 17	4 26	18 57	0 26	18 41	0 53	1 26	1 19	19 14	0 55	12 0	0 17	17 58	1 11	4 53	7 41	19 25	19 9	9 43		n.a.
S 28	23 16	19 1	4 2	18 17	4 20	19 18	0 24	18 29	0 52	1 29	1 19	19 13	0 54	11 59	0 17	17 58	1 11	4 53	7 41	19 24	19 8	9 45		n.a.
S 29	23 22	16 17	4 42	18 19	4 13	19 38	0 21	18 17	0 51	1 33	1 19	19 12	0 54	11 59	0 17	17 59	1 11	4 54	7 41	19 23	19 8	9 47		n.a.
M30	23n27	12s39	5n 6	18n23	4s 4	19n57	0s18	18n 5	0n50	1n36	1s19	19s12	0n54	11s58	0n17	17n59	1s11	4n54	7s41	19s23	19s 7	9s49		n.a.

Julian Day Number = 974272.5, Delta T = 13h21m33s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'23, Lahiri = -32°09'22 Julian Calendar 1 June 2046 BCE == Greg. Calendar 15 May 2046 BCE

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

JULY 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 25 17	19♊48'56	25♒39	9°R32	29♉47	13♌31	7♈ 4	27°R44	1°R29	23♉55	1♉ 8	24°R51	23♏47	17♎36	n.a.	T 1
W 2	17 29 13	20°46'36	9♓30	9♊10	1♊ 1	14°10	7°12	27♏41	1♏28	23°57	1° 9	24♏49	23°44	17°43	n.a.	W 2
T 3	17 33 10	21°44'19	23°32	8°54	2°14	14°49	7°20	27°37	1°26	23°59	1°10	24°D49	23°40	17°49	n.a.	T 3
F 4	17 37 7	22°42'03	7♈44	8°46	3°28	15°28	7°27	27°33	1°25	24° 1	1°11	24°50	23°37	17°56	n.a.	F 4
S 5	17 41 3	23°39'50	22° 3	8°D45	4°41	16° 7	7°35	27°29	1°24	24° 3	1°12	24°51	23°34	18° 3	n.a.	S 5
S 6	17 45 0	24°37'38	6♉27	8°51	5°55	16°46	7°43	27°25	1°23	24° 5	1°13	24°52	23°31	18° 9	n.a.	S 6
M 7	17 48 56	25°35'28	20°52	9° 4	7° 8	17°25	7°50	27°22	1°22	24° 7	1°14	24°R53	23°28	18°16	n.a.	M 7
T 8	17 52 53	26°33'20	5♊15	9°26	8°22	18° 5	7°57	27°18	1°21	24° 9	1°15	24°53	23°24	18°23	n.a.	T 8
W 9	17 56 49	27°31'14	19°29	9°54	9°36	18°44	8° 4	27°15	1°20	24°11	1°16	24°51	23°21	18°29	n.a.	W 9
T 10	18 0 46	28°29'10	3♋32	10°31	10°50	19°24	8°11	27°11	1°19	24°13	1°17	24°48	23°18	18°36	n.a.	T 10
F 11	18 4 42	29°27'08	17°17	11°15	12° 3	20° 3	8°18	27° 8	1°18	24°15	1°18	24°43	23°15	18°43	n.a.	F 11
S 12	18 8 39	0♋25'07	0♌44	12° 6	13°17	20°43	8°25	27° 4	1°17	24°17	1°18	24°37	23°12	18°49	n.a.	S 12
S 13	18 12 36	1°23'08	13°49	13° 5	14°31	21°23	8°31	27° 1	1°16	24°19	1°19	24°31	23° 9	18°56	n.a.	S 13
M14	18 16 32	2°21'10	26°33	14°10	15°45	22° 3	8°37	26°58	1°15	24°20	1°20	24°26	23° 5	19° 3	n.a.	M14
T 15	18 20 29	3°19'14	8♍58	15°21	16°59	22°43	8°44	26°55	1°15	24°22	1°21	24°22	23° 2	19° 9	n.a.	T 15
W16	18 24 25	4°17'19	21° 8	16°39	18°13	23°23	8°50	26°52	1°14	24°24	1°22	24°19	22°59	19°16	n.a.	W16
T 17	18 28 22	5°15'26	3♎ 6	18° 2	19°27	24° 3	8°55	26°49	1°13	24°26	1°22	24°D18	22°56	19°23	n.a.	T 17
F 18	18 32 18	6°13'35	14°58	19°30	20°41	24°43	9° 1	26°46	1°13	24°28	1°23	24°18	22°53	19°29	n.a.	F 18
S 19	18 36 15	7°11'45	26°48	21° 3	21°55	25°23	9° 7	26°43	1°12	24°29	1°24	24°20	22°50	19°36	n.a.	S 19
S 20	18 40 11	8° 9'57	8♏41	22°40	23° 9	26° 4	9°12	26°40	1°12	24°31	1°24	24°21	22°46	19°43	n.a.	S 20
M21	18 44 8	9° 8'11	20°43	24°21	24°24	26°44	9°17	26°37	1°11	24°33	1°25	24°R22	22°43	19°49	n.a.	M21
T 22	18 48 5	10° 6'27	2♐57	26° 5	25°38	27°25	9°22	26°35	1°11	24°35	1°26	24°22	22°40	19°56	n.a.	T 22
W23	18 52 1	11° 4'44	15°27	27°52	26°52	28° 5	9°27	26°32	1°11	24°36	1°26	24°20	22°37	20° 3	n.a.	W23
T 24	18 55 58	12° 3'04	28°14	29°41	28° 6	28°46	9°32	26°30	1°10	24°38	1°27	24°15	22°34	20° 9	n.a.	T 24
F 25	18 59 54	13° 1'25	11♑20	1♋32	29°21	29°27	9°36	26°27	1°10	24°40	1°27	24° 9	22°30	20°16	n.a.	F 25
S 26	19 3 51	13°59'48	24°44	3°24	0♋35	0♍ 7	9°40	26°25	1°10	24°41	1°28	24° 1	22°27	20°23	n.a.	S 26
S 27	19 7 47	14°58'14	8♒24	5°17	1°49	0°48	9°44	26°23	1°10	24°43	1°29	23°53	22°24	20°29	n.a.	S 27
M28	19 11 44	15°56'41	22°15	7°11	3° 4	1°29	9°48	26°21	1°10	24°44	1°29	23°44	22°21	20°36	n.a.	M28
T 29	19 15 40	16°55'11	6♓16	9° 5	4°18	2°10	9°52	26°19	1°D10	24°46	1°30	23°37	22°18	20°43	n.a.	T 29
W30	19 19 37	17°53'43	20°23	11° 0	5°33	2°52	9°56	26°17	1°10	24°47	1°30	23°32	22°15	20°49	n.a.	W30
T 31	19 23 33	18♋52'17	4♈32	12♋54	6♋47	3♍33	9♈59	26♏15	1♏10	24♉49	1♉30	23♏29	22♏11	20♎56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n32	8s18	5n14	18n29	3s54	20n16	0s16	17n53	0n49	1n39	1s19	19s11	0n54	11s58	0n17	18n 0	1s11	4n54	7s42	19s22	19s 6	9s51		n.a.
W 2	23 36	3 29	5 4	18 37	3 42	20 34	0 13	17 41	0 48	1 42	1 19	19 10	0 54	11 57	0 17	18 0	1 11	4 54	7 42	19 22	19 5	9 53		n.a.
T 3	23 40	1n35	4 36	18 47	3 29	20 51	0 11	17 28	0 47	1 45	1 20	19 9	0 54	11 57	0 17	18 1	1 11	4 55	7 42	19 22	19 4	9 55		n.a.
F 4	23 43	6 39	3 50	18 59	3 16	21 9	0 8	17 16	0 46	1 48	1 20	19 9	0 54	11 56	0 17	18 1	1 11	4 55	7 42	19 22	19 3	9 57		n.a.
S 5	23 46	11 23	2 50	19 14	3 1	21 25	0 6	17 3	0 46	1 51	1 20	19 8	0 54	11 56	0 17	18 2	1 11	4 55	7 42	19 22	19 3	9 59		n.a.
S 6	23 49	15 30	1 39	19 30	2 46	21 41	0 3	16 50	0 45	1 54	1 20	19 7	0 53	11 56	0 17	18 2	1 11	4 55	7 42	19 22	19 2	10 0		n.a.
M 7	23 51	18 41	0 22	19 47	2 30	21 56	0 0	16 37	0 44	1 57	1 20	19 6	0 53	11 55	0 17	18 3	1 11	4 56	7 42	19 23	19 1	10 2		n.a.
T 8	23 53	20 41	0s56	20 6	2 14	22 11	0n 2	16 24	0 43	1 59	1 20	19 6	0 53	11 55	0 17	18 3	1 11	4 56	7 42	19 22	19 0	10 4		n.a.
W 9	23 54	21 20	2 11	20 27	1 58	22 25	0 5	16 11	0 42	2 2	1 21	19 5	0 53	11 54	0 17	18 4	1 11	4 56	7 42	19 22	18 59	10 6		n.a.
T 10	23 55	20 37	3 15	20 48	1 42	22 39	0 7	15 57	0 41	2 5	1 21	19 4	0 53	11 54	0 17	18 4	1 11	4 56	7 42	19 21	18 59	10 8		n.a.
F 11	23 56	18 41	4 8	21 11	1 25	22 51	0 10	15 44	0 40	2 7	1 21	19 4	0 53	11 54	0 17	18 5	1 11	4 57	7 42	19 20	18 58	10 10		n.a.
S 12	23 56	15 47	4 45	21 34	1 9	23 4	0 12	15 30	0 40	2 10	1 21	19 3	0 53	11 54	0 17	18 5	1 11	4 57	7 43	19 19	18 57	10 12		n.a.
S 13	23 55	12 9	5 6	21 57	0 53	23 15	0 15	15 16	0 39	2 12	1 21	19 2	0 52	11 53	0 17	18 6	1 11	4 57	7 43	19 17	18 56	10 14		n.a.
M14	23 54	8 3	5 11	22 20	0 38	23 26	0 17	15 2	0 38	2 15	1 21	19 2	0 52	11 53	0 17	18 6	1 11	4 57	7 43	19 16	18 55	10 16		n.a.
T 15	23 53	3 44	5 1	22 43	0 23	23 36	0 20	14 48	0 37	2 17	1 22	19 1	0 52	11 53	0 17	18 6	1 11	4 57	7 43	19 15	18 55	10 18		n.a.
W16	23 51	0s39	4 38	23 6	0 9	23 45	0 22	14 34	0 36	2 19	1 22	19 1	0 52	11 53	0 17	18 7	1 11	4 57	7 43	19 14	18 54	10 20		n.a.
T 17	23 49	4 57	4 3	23 27	0n 5	23 54	0 24	14 20	0 35	2 21	1 22	19 0	0 52	11 52	0 17	18 7	1 11	4 58	7 43	19 14	18 53	10 22		n.a.
F 18	23 47	9 2	3 18	23 48	0 18	24 2	0 27	14 5	0 34	2 23	1 22	18 59	0 52	11 52	0 17	18 8	1 11	4 58	7 43	19 14	18 52	10 24		n.a.
S 19	23 44	12 46	2 24	24 7	0 30	24 10	0 29	13 51	0 34	2 25	1 22	18 59	0 52	11 52	0 17	18 8	1 11	4 58	7 43	19 14	18 51	10 25		n.a.
S 20	23 40	16 1	1 24	24 24	0 41	24 16	0 31	13 36	0 33	2 27	1 23	18 58	0 51	11 52	0 17	18 9	1 11	4 58	7 43	19 15	18 50	10 27		n.a.
M21	23 36	18 37	0 20	24 40	0 51	24 22	0 34	13 21	0 32	2 29	1 23	18 58	0 51	11 52	0 17	18 9	1 11	4 58	7 44	19 15	18 50	10 29		n.a.
T 22	23 32	20 25	0n46	24 53	1 1	24 27	0 36	13 6	0 31	2 31	1 23	18 57	0 51	11 52	0 17	18 9	1 11	4 58	7 44	19 15	18 49	10 31		n.a.
W23	23 27	21 16	1 51	25 4	1 10	24 31	0 38	12 51	0 30	2 33	1 23	18 57	0 51	11 52	0 17	18 10	1 11	4 58	7 44	19 14	18 48	10 33		n.a.
T 24	23 22	21 2	2 52	25 13	1 17	24 35	0 40	12 36	0 29	2 35	1 23	18 57	0 51	11 51	0 17	18 10	1 11	4 58	7 44	19 13	18 47	10 35		n.a.
F 25	23 16	19 41	3 46	25 19	1 24	24 38	0 42	12 21	0 28	2 36	1 24	18 56	0 51	11 51	0 17	18 11	1 11	4 59	7 44	19 12	18 46	10 37		n.a.
S 26	23 10	17 14	4 28	25 23	1 30	24 40	0 44	12 5	0 28	2 38	1 24	18 56	0 51	11 51	0 17	18 11	1 11	4 59	7 44	19 10	18 45	10 39		n.a.
S 27	23 4	13 47	4 55	25 24	1 35	24 41	0 46	11 50	0 27	2 39	1 24	18 55	0 50	11 51	0 17	18 11	1 11	4 59	7 44	19 7	18 45	10 41		n.a.
M28	22 57	9 33	5 6	25 23	1 39	24 42	0 48	11 34	0 26	2 41	1 24	18 55	0 50	11 51	0 17	18 12	1 11	4 59	7 44	19 5	18 44	10 43		n.a.
T 29	22 50	4 46	4 59	25 19	1 43	24 42	0 50	11 18	0 25	2 42	1 24	18 55	0 50	11 51	0 17	18 12	1 11	4 59	7 44	19 4	18 43	10 44		n.a.
W30	22 42	0n18	4 34	25 13	1 45	24 41	0 52	11 2	0 24	2 43	1 25	18 54	0 50	11 51	0 17	18 12	1 11	4 59	7 45	19 2	18 42	10 46		n.a.
T 31	22n34	5n22	3n52	25n 4	1n47	24n39	0n54	10n46	0n23	2n44	1s25	18s54	0n50	11s51	0n17	18n13	1s11	4n59	7s45	19s 1	18s41	10s48		n.a.

Julian Day Number = 974302.5, Delta T = 13h21m31s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'19, Lahiri = -32°09'18 Julian Calendar 1 July 2046 BCE == Greg. Calendar 14 June 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

AUGUST 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 27 30	19♋50'54	18♈41	14♋48	8♋ 2	4♍14	10♈ 2	26°R13	1♏10	24♉50	1♉31	23°D28	22♏ 8	21♎ 3	n.a.	F 1
S 2	19 31 27	20°49'33	2♉48	16°42	9°17	4°56	10° 5	26♏12	1°10	24°52	1°31	23♏29	22° 5	21° 9	n.a.	S 2
S 3	19 35 23	21°48'15	16°53	18°35	10°31	5°37	10° 8	26°10	1°10	24°53	1°32	23°R29	22° 2	21°16	n.a.	S 3
M 4	19 39 20	22°46'59	0♊55	20°28	11°46	6°19	10°11	26° 9	1°11	24°54	1°32	23°29	21°59	21°23	n.a.	M 4
T 5	19 43 16	23°45'46	14°51	22°20	13° 1	7° 0	10°13	26° 7	1°11	24°56	1°32	23°27	21°56	21°29	n.a.	T 5
W 6	19 47 13	24°44'35	28°40	24°11	14°16	7°42	10°16	26° 6	1°11	24°57	1°33	23°23	21°52	21°36	n.a.	W 6
T 7	19 51 9	25°43'26	12♋20	26° 1	15°30	8°24	10°18	26° 5	1°12	24°58	1°33	23°16	21°49	21°43	n.a.	T 7
F 8	19 55 6	26°42'20	25°47	27°50	16°45	9° 6	10°20	26° 4	1°12	25° 0	1°33	23° 7	21°46	21°50	n.a.	F 8
S 9	19 59 2	27°41'15	8♌59	29°39	18° 0	9°48	10°21	26° 3	1°13	25° 1	1°34	22°55	21°43	21°56	n.a.	S 9
S 10	20 2 59	28°40'13	21°54	1♌26	19°15	10°30	10°23	26° 2	1°13	25° 2	1°34	22°44	21°40	22° 3	n.a.	S 10
M11	20 6 56	29°39'13	4♍33	3°13	20°30	11°12	10°24	26° 1	1°14	25° 3	1°34	22°33	21°36	22° 9	n.a.	M11
T 12	20 10 52	0♌38'15	16°54	4°58	21°45	11°54	10°25	26° 0	1°15	25° 4	1°34	22°23	21°33	22°16	n.a.	T 12
W13	20 14 49	1°37'19	29° 2	6°43	23° 0	12°36	10°26	26° 0	1°15	25° 6	1°34	22°16	21°30	22°23	n.a.	W13
T 14	20 18 45	2°36'25	10♎59	8°27	24°15	13°19	10°27	25°59	1°16	25° 7	1°34	22°12	21°27	22°29	n.a.	T 14
F 15	20 22 42	3°35'33	22°49	10°10	25°30	14° 1	10°27	25°59	1°17	25° 8	1°35	22° 9	21°24	22°36	n.a.	F 15
S 16	20 26 38	4°34'42	4♏38	11°52	26°45	14°44	10°28	25°58	1°18	25° 9	1°35	22°D 9	21°21	22°43	n.a.	S 16
S 17	20 30 35	5°33'54	16°30	13°33	28° 0	15°26	10°R28	25°58	1°19	25°10	1°35	22°R 9	21°17	22°49	n.a.	S 17
M18	20 34 31	6°33'08	28°32	15°13	29°15	16° 9	10°28	25°58	1°20	25°11	1°35	22° 9	21°14	22°56	n.a.	M18
T 19	20 38 28	7°32'24	10♐49	16°52	0♌30	16°51	10°27	25°D58	1°21	25°12	1°35	22° 8	21°11	23° 3	n.a.	T 19
W20	20 42 24	8°31'42	23°24	18°31	1°45	17°34	10°27	25°58	1°22	25°13	1°R35	22° 4	21° 8	23° 9	n.a.	W20
T 21	20 46 21	9°31'02	6♑22	20° 8	3° 1	18°17	10°26	25°58	1°23	25°13	1°35	21°58	21° 5	23°16	n.a.	T 21
F 22	20 50 18	10°30'24	19°44	21°45	4°16	19° 0	10°25	25°59	1°24	25°14	1°35	21°49	21° 2	23°23	n.a.	F 22
S 23	20 54 14	11°29'48	3♒28	23°21	5°31	19°43	10°24	25°59	1°26	25°15	1°35	21°38	20°58	23°29	n.a.	S 23
S 24	20 58 11	12°29'14	17°33	24°56	6°46	20°26	10°23	25°59	1°27	25°16	1°35	21°26	20°55	23°36	n.a.	S 24
M25	21 2 7	13°28'42	1♓52	26°31	8° 1	21° 9	10°21	26° 0	1°28	25°17	1°35	21°14	20°52	23°43	n.a.	M25
T 26	21 6 4	14°28'13	16°20	28° 4	9°17	21°52	10°20	26° 1	1°30	25°17	1°34	21° 4	20°49	23°49	n.a.	T 26
W27	21 10 0	15°27'46	0♈51	29°37	10°32	22°36	10°18	26° 1	1°31	25°18	1°34	20°56	20°46	23°56	n.a.	W27
T 28	21 13 57	16°27'21	15°17	1♍10	11°47	23°19	10°16	26° 2	1°32	25°19	1°34	20°51	20°42	24° 3	n.a.	T 28
F 29	21 17 53	17°26'59	29°37	2°41	13° 3	24° 2	10°13	26° 3	1°34	25°19	1°34	20°48	20°39	24° 9	n.a.	F 29
S 30	21 21 50	18°26'39	13♉45	4°12	14°18	24°46	10°11	26° 4	1°36	25°20	1°34	20°48	20°36	24°16	n.a.	S 30
S 31	21 25 46	19♌26'22	27♉43	5♍42	15♌33	25♍29	10♈ 8	26♏ 6	1♏37	25♉20	1♉33	20♏48	20♏33	24♎23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n25	10n 9	2n55	24n53	1n49	24n37	0n56	10n30	0n23	2n45	1s25	18s54	0n50	11s51	0n17	18n13	1s11	4n59	7s45	19s 1	18s40	10s50		n.a.
S 2	22 17	14 23	1 49	24 40	1 49	24 33	0 58	10 14	0 22	2 46	1 25	18 54	0 49	11 52	0 17	18 13	1 11	4 59	7 45	19 1	18 40	10 52		n.a.
S 3	22 7	17 47	0 35	24 24	1 49	24 29	1 0	9 58	0 21	2 47	1 25	18 53	0 49	11 52	0 16	18 14	1 11	4 59	7 45	19 2	18 39	10 54		n.a.
M 4	21 57	20 7	0s40	24 7	1 48	24 25	1 1	9 41	0 20	2 48	1 26	18 53	0 49	11 52	0 16	18 14	1 11	4 59	7 45	19 2	18 38	10 56		n.a.
T 5	21 47	21 12	1 52	23 48	1 47	24 19	1 3	9 25	0 19	2 49	1 26	18 53	0 49	11 52	0 16	18 14	1 11	4 59	7 45	19 1	18 37	10 57		n.a.
W 6	21 37	20 59	2 56	23 27	1 46	24 13	1 4	9 8	0 18	2 50	1 26	18 53	0 49	11 52	0 16	18 15	1 11	4 59	7 45	19 0	18 36	10 59		n.a.
T 7	21 26	19 32	3 50	23 4	1 43	24 6	1 6	8 52	0 18	2 50	1 26	18 53	0 49	11 52	0 16	18 15	1 11	4 59	7 46	18 58	18 35	11 1		n.a.
F 8	21 14	17 0	4 30	22 40	1 41	23 58	1 7	8 35	0 17	2 51	1 26	18 53	0 49	11 52	0 16	18 15	1 11	4 59	7 46	18 56	18 35	11 3		n.a.
S 9	21 3	13 39	4 54	22 14	1 38	23 50	1 9	8 18	0 16	2 52	1 27	18 53	0 48	11 53	0 16	18 15	1 11	4 59	7 46	18 53	18 34	11 5		n.a.
S 10	20 51	9 43	5 3	21 47	1 34	23 40	1 10	8 1	0 15	2 52	1 27	18 52	0 48	11 53	0 16	18 16	1 11	4 59	7 46	18 50	18 33	11 7		n.a.
M11	20 38	5 27	4 56	21 18	1 31	23 30	1 12	7 44	0 14	2 52	1 27	18 52	0 48	11 53	0 16	18 16	1 11	4 59	7 46	18 47	18 32	11 9		n.a.
T 12	20 25	1 3	4 36	20 48	1 26	23 20	1 13	7 27	0 14	2 53	1 27	18 52	0 48	11 53	0 16	18 16	1 11	4 59	7 46	18 44	18 31	11 10		n.a.
W13	20 12	3s19	4 3	20 18	1 22	23 8	1 14	7 10	0 13	2 53	1 27	18 52	0 48	11 54	0 16	18 16	1 11	4 59	7 46	18 43	18 30	11 12		n.a.
T 14	19 59	7 30	3 21	19 46	1 17	22 56	1 15	6 52	0 12	2 53	1 28	18 52	0 48	11 54	0 16	18 17	1 11	4 59	7 47	18 41	18 30	11 14		n.a.
F 15	19 45	11 21	2 29	19 13	1 12	22 43	1 16	6 35	0 11	2 53	1 28	18 53	0 47	11 54	0 16	18 17	1 11	4 59	7 47	18 41	18 29	11 16		n.a.
S 16	19 30	14 46	1 32	18 39	1 7	22 30	1 17	6 18	0 10	2 53	1 28	18 53	0 47	11 55	0 16	18 17	1 11	4 58	7 47	18 41	18 28	11 18		n.a.
S 17	19 16	17 35	0 30	18 5	1 2	22 15	1 18	6 0	0 10	2 53	1 28	18 53	0 47	11 55	0 16	18 17	1 11	4 58	7 47	18 41	18 27	11 20		n.a.
M18	19 1	19 41	0n34	17 29	0 56	22 1	1 19	5 42	0 9	2 52	1 28	18 53	0 47	11 55	0 16	18 18	1 11	4 58	7 47	18 41	18 26	11 21		n.a.
T 19	18 46	20 55	1 37	16 53	0 50	21 45	1 20	5 25	0 8	2 52	1 29	18 53	0 47	11 56	0 16	18 18	1 11	4 58	7 47	18 40	18 25	11 23		n.a.
W20	18 30	21 8	2 38	16 17	0 44	21 29	1 21	5 7	0 7	2 52	1 29	18 53	0 47	11 56	0 16	18 18	1 11	4 58	7 47	18 39	18 24	11 25		n.a.
T 21	18 14	20 15	3 32	15 40	0 38	21 12	1 21	4 49	0 6	2 51	1 29	18 53	0 46	11 57	0 16	18 18	1 12	4 58	7 47	18 38	18 24	11 27		n.a.
F 22	17 58	18 14	4 15	15 2	0 31	20 55	1 22	4 31	0 6	2 51	1 29	18 54	0 46	11 57	0 16	18 18	1 12	4 58	7 48	18 35	18 23	11 29		n.a.
S 23	17 41	15 9	4 46	14 24	0 25	20 36	1 22	4 14	0 5	2 50	1 29	18 54	0 46	11 58	0 16	18 19	1 12	4 58	7 48	18 33	18 22	11 30		n.a.
S 24	17 24	11 8	5 0	13 46	0 18	20 18	1 23	3 56	0 4	2 50	1 29	18 54	0 46	11 58	0 16	18 19	1 12	4 57	7 48	18 29	18 21	11 32		n.a.
M25	17 7	6 26	4 56	13 7	0 12	19 58	1 23	3 38	0 3	2 49	1 30	18 54	0 46	11 58	0 16	18 19	1 12	4 57	7 48	18 26	18 20	11 34		n.a.
T 26	16 49	1 20	4 32	12 28	0 5	19 38	1 24	3 19	0 2	2 48	1 30	18 55	0 46	11 59	0 16	18 19	1 12	4 57	7 48	18 23	18 19	11 36		n.a.
W27	16 32	3n52	3 51	11 48	0s 2	19 18	1 24	3 1	0 2	2 47	1 30	18 55	0 45	12 0	0 16	18 19	1 12	4 57	7 48	18 21	18 18	11 38		n.a.
T 28	16 13	8 50	2 56	11 9	0 9	18 57	1 24	2 43	0 1	2 46	1 30	18 55	0 45	12 0	0 16	18 19	1 12	4 57	7 48	18 20	18 18	11 39		n.a.
F 29	15 55	13 16	1 50	10 29	0 16	18 35	1 25	2 25	0 0	2 45	1 30	18 56	0 45	12 1	0 16	18 19	1 12	4 57	7 48	18 19	18 17	11 41		n.a.
S 30	15 36	16 53	0 37	9 49	0 23	18 13	1 25	2 7	0s 1	2 44	1 30	18 56	0 45	12 1	0 16	18 20	1 12	4 56	7 49	18 19	18 16	11 43		n.a.
S 31	15n17	19n28	0s37	9n 9	0s30	17n51	1n25	1n48	0s 1	2n43	1s31	18s57	0n45	12s 2	0n16	18n20	1s12	4n56	7s49	18s19	18s15	11s45		n.a.

Julian Day Number = 974333.5, Delta T = 13h21m29s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'14, Lahiri = -32°09'14 Julian Calendar 1 Aug. 2046 BCE == Greg. Calendar 15 July 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

SEPTEMBER 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 29 43	20♌26'08	11♊30	7♍11	16♌49	26♍13	10°R 5	26♏ 7	1♏39	25♉21	1°R33	20°R47	20♏30	24♎29	n.a.	M 1
T 2	21 33 39	21°25'56	25° 6	8°40	18° 4	26°57	10♈ 2	26° 8	1°41	25°21	1♉33	20♏44	20°27	24°36	n.a.	T 2
W 3	21 37 36	22°25'46	8♋32	10° 8	19°19	27°40	9°59	26°10	1°42	25°22	1°33	20°38	20°23	24°43	n.a.	W 3
T 4	21 41 33	23°25'39	21°47	11°35	20°35	28°24	9°55	26°11	1°44	25°22	1°32	20°30	20°20	24°49	n.a.	T 4
F 5	21 45 29	24°25'34	4♌51	13° 1	21°50	29° 8	9°52	26°13	1°46	25°23	1°32	20°18	20°17	24°56	n.a.	F 5
S 6	21 49 26	25°25'31	17°44	14°27	23° 6	29°52	9°48	26°15	1°48	25°23	1°32	20° 5	20°14	25° 3	n.a.	S 6
S 7	21 53 22	26°25'30	0♍24	15°52	24°21	0♎36	9°44	26°17	1°50	25°23	1°31	19°51	20°11	25° 9	n.a.	S 7
M 8	21 57 19	27°25'31	12°50	17°16	25°37	1°20	9°40	26°19	1°52	25°24	1°31	19°38	20° 7	25°16	n.a.	M 8
T 9	22 1 15	28°25'35	25° 4	18°39	26°52	2° 4	9°35	26°21	1°54	25°24	1°30	19°26	20° 4	25°23	n.a.	T 9
W10	22 5 12	29°25'40	7♎ 7	20° 1	28° 8	2°49	9°31	26°23	1°56	25°24	1°30	19°17	20° 1	25°29	n.a.	W10
T 11	22 9 8	0♍25'47	19° 0	21°22	29°23	3°33	9°26	26°25	1°58	25°24	1°29	19°10	19°58	25°36	n.a.	T 11
F 12	22 13 5	1°25'56	0♏48	22°42	0♍39	4°17	9°21	26°28	2° 0	25°24	1°29	19° 7	19°55	25°43	n.a.	F 12
S 13	22 17 1	2°26'07	12°35	24° 1	1°54	5° 2	9°16	26°30	2° 3	25°25	1°28	19° 5	19°52	25°49	n.a.	S 13
S 14	22 20 58	3°26'20	24°25	25°19	3°10	5°46	9°11	26°33	2° 5	25°25	1°28	19°D 5	19°48	25°56	n.a.	S 14
M15	22 24 55	4°26'34	6♐24	26°36	4°25	6°31	9° 5	26°35	2° 7	25°25	1°27	19°R 5	19°45	26° 3	n.a.	M15
T 16	22 28 51	5°26'50	18°39	27°51	5°41	7°15	9° 0	26°38	2° 9	25°R25	1°27	19° 4	19°42	26° 9	n.a.	T 16
W17	22 32 48	6°27'08	1♑13	29° 4	6°56	8° 0	8°54	26°41	2°12	25°25	1°26	19° 2	19°39	26°16	n.a.	W17
T 18	22 36 44	7°27'28	14°12	0♎16	8°12	8°45	8°48	26°44	2°14	25°25	1°25	18°57	19°36	26°23	n.a.	T 18
F 19	22 40 41	8°27'49	27°37	1°25	9°27	9°29	8°42	26°47	2°17	25°24	1°25	18°49	19°33	26°29	n.a.	F 19
S 20	22 44 37	9°28'12	11♒31	2°33	10°43	10°14	8°36	26°50	2°19	25°24	1°24	18°39	19°29	26°36	n.a.	S 20
S 21	22 48 34	10°28'36	25°51	3°38	11°59	10°59	8°29	26°53	2°22	25°24	1°23	18°29	19°26	26°43	n.a.	S 21
M22	22 52 30	11°29'02	10♓31	4°40	13°14	11°44	8°23	26°56	2°24	25°24	1°23	18°18	19°23	26°49	n.a.	M22
T 23	22 56 27	12°29'30	25°23	5°40	14°30	12°29	8°16	27° 0	2°27	25°24	1°22	18° 8	19°20	26°56	n.a.	T 23
W24	23 0 24	13°30'00	10♈20	6°36	15°45	13°14	8°10	27° 3	2°30	25°23	1°21	18° 1	19°17	27° 3	n.a.	W24
T 25	23 4 20	14°30'32	25°11	7°28	17° 1	13°59	8° 3	27° 7	2°32	25°23	1°21	17°56	19°13	27° 9	n.a.	T 25
F 26	23 8 17	15°31'06	9♉51	8°16	18°16	14°44	7°56	27°10	2°35	25°23	1°20	17°54	19°10	27°16	n.a.	F 26
S 27	23 12 13	16°31'42	24°14	8°59	19°32	15°29	7°49	27°14	2°38	25°23	1°19	17°D54	19° 7	27°23	n.a.	S 27
S 28	23 16 10	17°32'20	8♊18	9°37	20°47	16°15	7°41	27°18	2°40	25°22	1°18	17°55	19° 4	27°29	n.a.	S 28
M29	23 20 6	18°33'00	22° 4	10° 9	22° 3	17° 0	7°34	27°22	2°43	25°22	1°17	17°R55	19° 1	27°36	n.a.	M29
T 30	23 24 3	19♍33'42	5♋31	10♎35	23♍19	17♎45	7♈27	27♏26	2♏46	25♉21	1♉17	17♏54	18♏58	27♎42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n58	20n51	1s47	8n29	0s37	17n27	1n25	1n30	0s 2	2n41	1s31	18s57	0n45	12s 2	0n16	18n20	1s12	4n56	7s49	18s19	18s14	11s46		n.a.
T 2	14 39	21 0	2 51	7 49	0 44	17 4	1 25	1 12	0 3	2 40	1 31	18 58	0 45	12 3	0 16	18 20	1 12	4 56	7 49	18 18	18 13	11 48		n.a.
W 3	14 19	19 56	3 44	7 8	0 51	16 40	1 24	0 53	0 4	2 38	1 31	18 58	0 44	12 4	0 16	18 20	1 12	4 56	7 49	18 17	18 12	11 50		n.a.
T 4	13 59	17 47	4 24	6 28	0 58	16 15	1 24	0 35	0 5	2 37	1 31	18 59	0 44	12 4	0 16	18 20	1 12	4 55	7 49	18 14	18 12	11 52		n.a.
F 5	13 39	14 45	4 49	5 48	1 5	15 50	1 24	0 16	0 5	2 35	1 31	18 59	0 44	12 5	0 16	18 20	1 12	4 55	7 49	18 11	18 11	11 54		n.a.
S 6	13 18	11 5	5 0	5 8	1 12	15 25	1 24	0s 2	0 6	2 34	1 32	19 0	0 44	12 6	0 16	18 20	1 12	4 55	7 49	18 7	18 10	11 55		n.a.
S 7	12 58	6 58	4 55	4 29	1 19	14 59	1 23	0 21	0 7	2 32	1 32	19 0	0 44	12 6	0 16	18 20	1 12	4 55	7 50	18 4	18 9	11 57		n.a.
M 8	12 37	2 38	4 36	3 49	1 26	14 32	1 23	0 39	0 8	2 30	1 32	19 1	0 44	12 7	0 16	18 20	1 12	4 54	7 50	18 0	18 8	11 59		n.a.
T 9	12 16	1s44	4 5	3 10	1 32	14 5	1 22	0 58	0 8	2 28	1 32	19 2	0 43	12 8	0 16	18 20	1 12	4 54	7 50	17 57	18 7	12 1		n.a.
W10	11 54	5 58	3 23	2 31	1 39	13 38	1 22	1 17	0 9	2 26	1 32	19 2	0 43	12 9	0 16	18 20	1 12	4 54	7 50	17 54	18 6	12 2		n.a.
T 11	11 33	9 56	2 32	1 53	1 45	13 11	1 21	1 35	0 10	2 24	1 32	19 3	0 43	12 9	0 16	18 20	1 12	4 54	7 50	17 52	18 5	12 4		n.a.
F 12	11 11	13 28	1 36	1 15	1 52	12 43	1 20	1 54	0 11	2 22	1 32	19 4	0 43	12 10	0 16	18 20	1 12	4 53	7 50	17 51	18 5	12 6		n.a.
S 13	10 49	16 28	0 35	0 37	1 58	12 15	1 20	2 13	0 11	2 20	1 32	19 4	0 43	12 11	0 16	18 20	1 12	4 53	7 50	17 51	18 4	12 8		n.a.
S 14	10 27	18 48	0n28	0 1	2 4	11 46	1 19	2 31	0 12	2 18	1 33	19 5	0 43	12 12	0 16	18 20	1 12	4 53	7 50	17 51	18 3	12 9		n.a.
M15	10 5	20 20	1 31	0s36	2 10	11 17	1 18	2 50	0 13	2 15	1 33	19 6	0 43	12 13	0 16	18 20	1 12	4 52	7 50	17 51	18 2	12 11		n.a.
T 16	9 42	20 56	2 30	1 11	2 15	10 48	1 17	3 8	0 14	2 13	1 33	19 7	0 42	12 13	0 15	18 20	1 12	4 52	7 50	17 51	18 1	12 13		n.a.
W17	9 19	20 31	3 24	1 46	2 20	10 19	1 16	3 27	0 14	2 11	1 33	19 8	0 42	12 14	0 15	18 20	1 12	4 52	7 51	17 50	18 0	12 14		n.a.
T 18	8 57	19 1	4 9	2 19	2 25	9 49	1 15	3 46	0 15	2 8	1 33	19 8	0 42	12 15	0 15	18 20	1 12	4 52	7 51	17 49	17 59	12 16		n.a.
F 19	8 34	16 27	4 43	2 52	2 30	9 19	1 14	4 4	0 16	2 6	1 33	19 9	0 42	12 16	0 15	18 20	1 12	4 51	7 51	17 46	17 58	12 18		n.a.
S 20	8 11	12 52	5 1	3 23	2 34	8 49	1 12	4 23	0 16	2 3	1 33	19 10	0 42	12 17	0 15	18 20	1 12	4 51	7 51	17 44	17 58	12 20		n.a.
S 21	7 47	8 27	5 0	3 53	2 38	8 18	1 11	4 42	0 17	2 1	1 33	19 11	0 42	12 18	0 15	18 20	1 12	4 51	7 51	17 41	17 57	12 21		n.a.
M22	7 24	3 27	4 41	4 21	2 41	7 47	1 10	5 0	0 18	1 58	1 33	19 12	0 42	12 19	0 15	18 20	1 12	4 50	7 51	17 38	17 56	12 23		n.a.
T 23	7 1	1n49	4 2	4 48	2 44	7 17	1 9	5 19	0 19	1 55	1 33	19 13	0 41	12 20	0 15	18 20	1 12	4 50	7 51	17 35	17 55	12 25		n.a.
W24	6 37	7 1	3 6	5 13	2 47	6 45	1 7	5 37	0 19	1 53	1 33	19 14	0 41	12 21	0 15	18 20	1 13	4 50	7 51	17 33	17 54	12 26		n.a.
T 25	6 13	11 46	1 58	5 35	2 48	6 14	1 6	5 56	0 20	1 50	1 33	19 15	0 41	12 22	0 15	18 20	1 13	4 49	7 51	17 32	17 53	12 28		n.a.
F 26	5 49	15 44	0 43	5 56	2 49	5 43	1 4	6 14	0 21	1 47	1 33	19 16	0 41	12 23	0 15	18 19	1 13	4 49	7 51	17 31	17 52	12 30		n.a.
S 27	5 25	18 40	0s34	6 13	2 49	5 11	1 3	6 33	0 21	1 44	1 33	19 17	0 41	12 24	0 15	18 19	1 13	4 49	7 51	17 31	17 51	12 31		n.a.
S 28	5 1	20 23	1 47	6 28	2 49	4 39	1 1	6 51	0 22	1 41	1 33	19 18	0 41	12 25	0 15	18 19	1 13	4 48	7 52	17 31	17 51	12 33		n.a.
M29	4 37	20 49	2 52	6 39	2 47	4 7	0 59	7 10	0 23	1 38	1 33	19 19	0 41	12 26	0 15	18 19	1 13	4 48	7 52	17 31	17 50	12 35		n.a.
T 30	4n13	20n 2	3s46	6s47	2s44	3n35	0n58	7s28	0s23	1n35	1s34	19s20	0n40	12s27	0n15	18n19	1s13	4n48	7s52	17s31	17s49	12s37		n.a.

Julian Day Number = 974364.5, Delta T = 13h21m26s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'10, Lahiri = -32°09'10 Julian Calendar 1 Sept. 2046 BCE == Greg. Calendar 15 Aug. 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

OCTOBER 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 27 59	20♍34'25	18♋43	10♎53	24♍34	18♎31	7°R19	27♏30	2♏49	25°R21	1°R16	17°R50	18♏54	27♎49	n.a.	W 1
T 2	23 31 56	21°35'11	1♌40	11° 3	25°50	19°16	7♈12	27°34	2°52	25♉20	1♉15	17♏44	18°51	27°56	n.a.	T 2
F 3	23 35 52	22°35'58	14°25	11°R 4	27° 5	20° 2	7° 4	27°38	2°55	25°20	1°14	17°36	18°48	28° 2	n.a.	F 3
S 4	23 39 49	23°36'47	26°58	10°56	28°21	20°48	6°56	27°43	2°58	25°19	1°13	17°26	18°45	28° 9	n.a.	S 4
S 5	23 43 46	24°37'38	9♍20	10°38	29°36	21°33	6°48	27°47	3° 1	25°18	1°12	17°15	18°42	28°16	n.a.	S 5
M 6	23 47 42	25°38'30	21°33	10° 9	0♎52	22°19	6°40	27°51	3° 4	25°18	1°11	17° 5	18°38	28°22	n.a.	M 6
T 7	23 51 39	26°39'24	3♎36	9°30	2° 8	23° 5	6°32	27°56	3° 7	25°17	1°10	16°56	18°35	28°29	n.a.	T 7
W 8	23 55 35	27°40'19	15°32	8°41	3°23	23°50	6°24	28° 0	3°10	25°16	1° 9	16°49	18°32	28°36	n.a.	W 8
T 9	23 59 32	28°41'15	27°22	7°41	4°39	24°36	6°16	28° 5	3°13	25°16	1° 8	16°45	18°29	28°42	n.a.	T 9
F 10	0 3 28	29°42'13	9♏ 8	6°33	5°54	25°22	6° 8	28°10	3°16	25°15	1° 7	16°42	18°26	28°49	n.a.	F 10
S 11	0 7 25	0♎43'11	20°54	5°18	7°10	26° 8	6° 0	28°15	3°19	25°14	1° 6	16°D42	18°23	28°56	n.a.	S 11
S 12	0 11 21	1°44'11	2♐44	3°59	8°25	26°54	5°52	28°20	3°23	25°13	1° 5	16°43	18°19	29° 2	n.a.	S 12
M13	0 15 18	2°45'12	14°42	2°37	9°41	27°40	5°44	28°25	3°26	25°12	1° 4	16°45	18°16	29° 9	n.a.	M13
T 14	0 19 15	3°46'14	26°54	1°15	10°56	28°26	5°36	28°30	3°29	25°11	1° 3	16°46	18°13	29°16	n.a.	T 14
W15	0 23 11	4°47'17	9♑23	29♍56	12°12	29°12	5°27	28°35	3°32	25°10	1° 2	16°R46	18°10	29°22	n.a.	W15
T 16	0 27 8	5°48'21	22°16	28°44	13°27	29°59	5°19	28°40	3°36	25° 9	1° 1	16°45	18° 7	29°29	n.a.	T 16
F 17	0 31 4	6°49'25	5♒36	27°39	14°43	0♏45	5°11	28°45	3°39	25° 8	1° 0	16°41	18° 4	29°36	n.a.	F 17
S 18	0 35 1	7°50'30	19°25	26°44	15°58	1°31	5° 3	28°51	3°42	25° 7	0°59	16°37	18° 0	29°42	n.a.	S 18
S 19	0 38 57	8°51'36	3♓43	25°59	17°14	2°17	4°55	28°56	3°46	25° 6	0°58	16°31	17°57	29°49	n.a.	S 19
M20	0 42 54	9°52'43	18°26	25°26	18°29	3° 4	4°47	29° 1	3°49	25° 5	0°57	16°25	17°54	29°56	n.a.	M20
T 21	0 46 50	10°53'50	3♈29	25° 5	19°45	3°50	4°38	29° 7	3°52	25° 4	0°56	16°20	17°51	0♏ 2	n.a.	T 21
W22	0 50 47	11°54'59	18°41	24°D54	21° 0	4°36	4°30	29°12	3°56	25° 3	0°55	16°16	17°48	0° 9	n.a.	W22
T 23	0 54 44	12°56'08	3♉52	24°55	22°15	5°23	4°22	29°18	3°59	25° 2	0°54	16°13	17°44	0°16	n.a.	T 23
F 24	0 58 40	13°57'19	18°54	25° 5	23°31	6° 9	4°14	29°24	4° 3	25° 1	0°52	16°D13	17°41	0°22	n.a.	F 24
S 25	1 2 37	14°58'30	3♊38	25°25	24°46	6°56	4° 6	29°29	4° 6	25° 0	0°51	16°14	17°38	0°29	n.a.	S 25
S 26	1 6 33	15°59'43	17°59	25°53	26° 2	7°42	3°59	29°35	4°10	24°58	0°50	16°15	17°35	0°35	n.a.	S 26
M27	1 10 30	17° 0'56	1♋56	26°29	27°17	8°29	3°51	29°41	4°13	24°57	0°49	16°17	17°32	0°42	n.a.	M27
T 28	1 14 26	18° 2'11	15°29	27°12	28°32	9°16	3°43	29°47	4°17	24°56	0°48	16°R18	17°29	0°49	n.a.	T 28
W29	1 18 23	19° 3'26	28°39	28° 0	29°48	10° 2	3°35	29°53	4°20	24°55	0°47	16°17	17°25	0°55	n.a.	W29
T 30	1 22 20	20° 4'43	11♌29	28°54	1♏ 3	10°49	3°28	29°59	4°24	24°53	0°45	16°15	17°22	1° 2	n.a.	T 30
F 31	1 26 16	21♎ 6'00	24♌ 2	29♍52	2♏18	11♏36	3♈20	0♐ 5	4♏27	24♉52	0♉44	16♏13	17♏19	1♏ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	3n49	18n11	4s27	6s50	2s40	3n 3	0n56	7s46	0s24	1n32	1s34	19s21	0n40	12s28	0n15	18n19	1s13	4n47	7s52	17s30	17s48	12s38			n.a.
T 2	3 24	15 25	4 54	6 49	2 35	2 31	0 54	8 4	0 25	1 29	1 34	19 22	0 40	12 29	0 15	18 19	1 13	4 47	7 52	17 28	17 47	12 40			n.a.
F 3	3 0	11 59	5 5	6 43	2 28	1 59	0 52	8 23	0 25	1 26	1 33	19 23	0 40	12 30	0 15	18 19	1 13	4 46	7 52	17 26	17 46	12 42			n.a.
S 4	2 35	8 4	5 1	6 32	2 19	1 26	0 51	8 41	0 26	1 23	1 33	19 24	0 40	12 31	0 15	18 18	1 13	4 46	7 52	17 23	17 45	12 43			n.a.
S 5	2 11	3 52	4 44	6 16	2 9	0 54	0 49	8 59	0 27	1 20	1 33	19 25	0 40	12 32	0 15	18 18	1 13	4 46	7 52	17 20	17 44	12 45			n.a.
M 6	1 46	0s27	4 13	5 53	1 57	0 22	0 47	9 17	0 27	1 17	1 33	19 27	0 40	12 33	0 15	18 18	1 13	4 45	7 52	17 17	17 43	12 47			n.a.
T 7	1 21	4 41	3 31	5 25	1 44	0s11	0 45	9 35	0 28	1 13	1 33	19 28	0 39	12 34	0 15	18 18	1 13	4 45	7 52	17 14	17 43	12 48			n.a.
W 8	0 57	8 41	2 40	4 51	1 28	0 43	0 43	9 53	0 29	1 10	1 33	19 29	0 39	12 35	0 15	18 18	1 13	4 45	7 52	17 12	17 42	12 50			n.a.
T 9	0 32	12 20	1 43	4 12	1 11	1 16	0 41	10 11	0 29	1 7	1 33	19 30	0 39	12 36	0 15	18 17	1 13	4 44	7 52	17 11	17 41	12 52			n.a.
F 10	0 7	15 29	0 41	3 27	0 53	1 48	0 39	10 28	0 30	1 4	1 33	19 31	0 39	12 37	0 15	18 17	1 13	4 44	7 52	17 10	17 40	12 53			n.a.
S 11	0s18	17 59	0n23	2 39	0 33	2 21	0 36	10 46	0 31	1 1	1 33	19 33	0 39	12 38	0 15	18 17	1 13	4 43	7 52	17 10	17 39	12 55			n.a.
S 12	0 42	19 44	1 26	1 48	0 13	2 53	0 34	11 4	0 31	0 57	1 33	19 34	0 39	12 39	0 15	18 17	1 13	4 43	7 52	17 10	17 38	12 56			n.a.
M13	1 7	20 37	2 26	0 56	0n 8	3 25	0 32	11 21	0 32	0 54	1 33	19 35	0 39	12 41	0 15	18 16	1 13	4 43	7 52	17 11	17 37	12 58			n.a.
T 14	1 32	20 32	3 21	0 4	0 29	3 57	0 30	11 39	0 33	0 51	1 33	19 36	0 39	12 42	0 15	18 16	1 13	4 42	7 52	17 11	17 36	13 0			n.a.
W15	1 56	19 28	4 8	0n46	0 48	4 29	0 28	11 56	0 33	0 48	1 33	19 38	0 38	12 43	0 15	18 16	1 13	4 42	7 53	17 11	17 35	13 1			n.a.
T 16	2 21	17 23	4 43	1 32	1 7	5 2	0 25	12 13	0 34	0 45	1 33	19 39	0 38	12 44	0 15	18 16	1 13	4 41	7 53	17 11	17 34	13 3			n.a.
F 17	2 46	14 19	5 5	2 14	1 24	5 33	0 23	12 30	0 34	0 41	1 33	19 40	0 38	12 45	0 15	18 15	1 13	4 41	7 53	17 10	17 34	13 5			n.a.
S 18	3 10	10 23	5 11	2 51	1 40	6 5	0 21	12 47	0 35	0 38	1 32	19 41	0 38	12 46	0 15	18 15	1 13	4 41	7 53	17 9	17 33	13 6			n.a.
S 19	3 35	5 44	4 57	3 21	1 53	6 37	0 19	13 4	0 36	0 35	1 32	19 43	0 38	12 48	0 15	18 15	1 13	4 40	7 53	17 7	17 32	13 8			n.a.
M20	3 59	0 37	4 24	3 45	2 5	7 8	0 16	13 21	0 36	0 32	1 32	19 44	0 38	12 49	0 15	18 15	1 13	4 40	7 53	17 5	17 31	13 10			n.a.
T 21	4 24	4n39	3 32	4 2	2 14	7 40	0 14	13 38	0 37	0 29	1 32	19 45	0 38	12 50	0 15	18 14	1 13	4 39	7 53	17 4	17 30	13 11			n.a.
W22	4 48	9 41	2 25	4 13	2 22	8 11	0 12	13 54	0 38	0 26	1 32	19 47	0 38	12 51	0 15	18 14	1 13	4 39	7 53	17 2	17 29	13 13			n.a.
T 23	5 13	14 7	1 7	4 19	2 28	8 42	0 9	14 11	0 38	0 22	1 32	19 48	0 37	12 52	0 15	18 14	1 13	4 39	7 53	17 2	17 28	13 14			n.a.
F 24	5 37	17 34	0s15	4 18	2 32	9 12	0 7	14 27	0 39	0 19	1 32	19 49	0 37	12 54	0 15	18 13	1 13	4 38	7 53	17 2	17 27	13 16			n.a.
S 25	6 1	19 46	1 34	4 13	2 35	9 43	0 4	14 43	0 39	0 16	1 31	19 51	0 37	12 55	0 15	18 13	1 13	4 38	7 53	17 2	17 26	13 18			n.a.
S 26	6 25	20 37	2 46	4 2	2 36	10 13	0 2	14 59	0 40	0 13	1 31	19 52	0 37	12 56	0 15	18 13	1 13	4 37	7 53	17 2	17 25	13 19			n.a.
M27	6 49	20 10	3 45	3 48	2 36	10 43	0s 0	15 15	0 40	0 10	1 31	19 54	0 37	12 57	0 15	18 13	1 13	4 37	7 53	17 3	17 24	13 21			n.a.
T 28	7 13	18 32	4 30	3 30	2 35	11 13	0 3	15 31	0 41	0 7	1 31	19 55	0 37	12 58	0 15	18 12	1 13	4 37	7 53	17 3	17 24	13 22			n.a.
W29	7 37	15 58	5 0	3 9	2 33	11 43	0 5	15 47	0 42	0 4	1 31	19 56	0 37	13 0	0 15	18 12	1 13	4 36	7 53	17 3	17 23	13 24			n.a.
T 30	8 0	12 40	5 13	2 45	2 31	12 12	0 8	16 2	0 42	0 2	1 30	19 58	0 37	13 1	0 15	18 12	1 13	4 36	7 53	17 2	17 22	13 26			n.a.
F 31	8s24	8n53	5s12	2n18	2n27	12s41	0s10	16s18	0s43	0s 1	1s30	19s59	0n36	13s 2	0n15	18n11	1s13	4n36	7s53	17s 1	17s21	13s27			n.a.

Julian Day Number = 974394.5, Delta T = 13h21m24s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'06, Lahiri = -32°09'06 Julian Calendar 1 Oct. 2046 BCE == Greg. Calendar 14 Sept. 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

NOVEMBER 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 30 13	22♎ 7'17	6♍22	0♎54	3♏34	12♏22	3°R13	0♐11	4♏31	24°R51	0°R43	16°R 9	17♏16	1♏15	n.a.	S 1
S 2	1 34 9	23° 8'36	18°31	2° 0	4°49	13° 9	3♈ 6	0°17	4°34	24♉49	0♉42	16♏ 5	17°13	1°22	n.a.	S 2
M 3	1 38 6	24° 9'55	0♎31	3° 9	6° 4	13°56	2°59	0°23	4°38	24°48	0°41	16° 1	17° 9	1°29	n.a.	M 3
T 4	1 42 2	25°11'15	12°25	4°21	7°20	14°43	2°51	0°30	4°41	24°46	0°40	15°57	17° 6	1°35	n.a.	T 4
W 5	1 45 59	26°12'35	24°15	5°35	8°35	15°30	2°45	0°36	4°45	24°45	0°38	15°55	17° 3	1°42	n.a.	W 5
T 6	1 49 55	27°13'55	6♏ 3	6°51	9°50	16°17	2°38	0°42	4°49	24°44	0°37	15°53	17° 0	1°49	n.a.	T 6
F 7	1 53 52	28°15'16	17°50	8° 9	11° 6	17° 4	2°31	0°49	4°52	24°42	0°36	15°D53	16°57	1°55	n.a.	F 7
S 8	1 57 49	29°16'37	29°39	9°28	12°21	17°51	2°24	0°55	4°56	24°41	0°35	15°54	16°54	2° 2	n.a.	S 8
S 9	2 1 45	0♏17'58	11♐33	10°49	13°36	18°38	2°18	1° 2	4°59	24°39	0°34	15°55	16°50	2° 9	n.a.	S 9
M10	2 5 42	1°19'19	23°35	12°11	14°51	19°25	2°12	1° 8	5° 3	24°38	0°32	15°56	16°47	2°15	n.a.	M10
T 11	2 9 38	2°20'39	5♑49	13°34	16° 7	20°12	2° 6	1°15	5° 7	24°36	0°31	15°58	16°44	2°22	n.a.	T 11
W12	2 13 35	3°22'00	18°18	14°58	17°22	20°59	2° 0	1°21	5°10	24°34	0°30	15°59	16°41	2°29	n.a.	W12
T 13	2 17 31	4°23'20	1♒ 6	16°23	18°37	21°46	1°54	1°28	5°14	24°33	0°29	15°R59	16°38	2°35	n.a.	T 13
F 14	2 21 28	5°24'41	14°17	17°49	19°52	22°33	1°48	1°35	5°18	24°31	0°28	15°59	16°35	2°42	n.a.	F 14
S 15	2 25 24	6°26'00	27°54	19°15	21° 8	23°20	1°43	1°41	5°21	24°30	0°26	15°58	16°31	2°49	n.a.	S 15
S 16	2 29 21	7°27'20	11♓59	20°42	22°23	24° 7	1°37	1°48	5°25	24°28	0°25	15°57	16°28	2°55	n.a.	S 16
M17	2 33 18	8°28'38	26°29	22°10	23°38	24°54	1°32	1°55	5°28	24°27	0°24	15°56	16°25	3° 2	n.a.	M17
T 18	2 37 14	9°29'57	11♈21	23°38	24°53	25°41	1°27	2° 2	5°32	24°25	0°23	15°56	16°22	3° 8	n.a.	T 18
W19	2 41 11	10°31'15	26°29	25° 7	26° 8	26°29	1°22	2° 8	5°36	24°23	0°22	15°55	16°19	3°15	n.a.	W19
T 20	2 45 7	11°32'33	11♉44	26°36	27°23	27°16	1°18	2°15	5°39	24°22	0°21	15°D55	16°15	3°22	n.a.	T 20
F 21	2 49 4	12°33'50	26°55	28° 6	28°38	28° 3	1°13	2°22	5°43	24°20	0°19	15°55	16°12	3°28	n.a.	F 21
S 22	2 53 0	13°35'08	11♊54	29°36	29°53	28°50	1° 9	2°29	5°46	24°18	0°18	15°55	16° 9	3°35	n.a.	S 22
S 23	2 56 57	14°36'25	26°32	1♏ 7	1♐ 8	29°37	1° 5	2°36	5°50	24°17	0°17	15°55	16° 6	3°42	n.a.	S 23
M24	3 0 54	15°37'42	10♋45	2°38	2°23	0♐25	1° 1	2°43	5°54	24°15	0°16	15°R55	16° 3	3°48	n.a.	M24
T 25	3 4 50	16°38'59	24°30	4°10	3°38	1°12	0°57	2°50	5°57	24°13	0°15	15°55	16° 0	3°55	n.a.	T 25
W26	3 8 47	17°40'15	7♌49	5°42	4°53	1°59	0°54	2°57	6° 1	24°12	0°14	15°55	15°56	4° 2	n.a.	W26
T 27	3 12 43	18°41'31	20°42	7°14	6° 8	2°47	0°50	3° 4	6° 4	24°10	0°13	15°D55	15°53	4° 8	n.a.	T 27
F 28	3 16 40	19°42'47	3♍14	8°47	7°23	3°34	0°47	3°11	6° 8	24° 8	0°11	15°55	15°50	4°15	n.a.	F 28
S 29	3 20 36	20°44'02	15°29	10°20	8°38	4°21	0°44	3°18	6°11	24° 7	0°10	15°56	15°47	4°22	n.a.	S 29
S 30	3 24 33	21♏45'17	27♍31	11♏54	9♐53	5♐ 9	0♈41	3♐25	6♏15	24♉ 5	0♉ 9	15♏56	15♏44	4♏28	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8 s47	4n48	4 s55	1n49	2n23	13 s 9	0 s13	16 s33	0 s43	0 s 4	1 s30	20 s 1	0n36	13 s 3	0n15	18n11	1 s13	4n35	7 s53	17 s 0	17 s20	13 s29		n.a.
S 2	9 10	0 34	4 26	1 18	2 19	13 37	0 15	16 48	0 44	0 7	1 30	20 2	0 36	13 4	0 15	18 10	1 13	4 35	7 53	16 59	17 19	13 30		n.a.
M 3	9 33	3 s38	3 45	0 46	2 14	14 5	0 17	17 3	0 44	0 10	1 30	20 4	0 36	13 6	0 15	18 10	1 13	4 34	7 53	16 58	17 18	13 32		n.a.
T 4	9 56	7 40	2 55	0 12	2 8	14 33	0 20	17 17	0 45	0 12	1 29	20 5	0 36	13 7	0 15	18 10	1 13	4 34	7 53	16 57	17 17	13 33		n.a.
W 5	10 19	11 24	1 57	0 s23	2 3	15 0	0 22	17 32	0 45	0 15	1 29	20 6	0 36	13 8	0 15	18 9	1 13	4 34	7 53	16 56	17 16	13 35		n.a.
T 6	10 42	14 39	0 54	1 0	1 57	15 27	0 24	17 46	0 46	0 17	1 29	20 8	0 36	13 9	0 15	18 9	1 13	4 33	7 53	16 56	17 15	13 37		n.a.
F 7	11 4	17 19	0n11	1 37	1 50	15 53	0 27	18 1	0 46	0 20	1 29	20 9	0 36	13 11	0 15	18 9	1 13	4 33	7 52	16 56	17 14	13 38		n.a.
S 8	11 26	19 15	1 16	2 14	1 44	16 19	0 29	18 15	0 47	0 22	1 28	20 11	0 36	13 12	0 15	18 8	1 13	4 32	7 52	16 56	17 13	13 40		n.a.
S 9	11 48	20 21	2 18	2 53	1 37	16 45	0 32	18 29	0 47	0 25	1 28	20 12	0 36	13 13	0 15	18 8	1 13	4 32	7 52	16 56	17 13	13 41		n.a.
M10	12 10	20 32	3 14	3 32	1 30	17 10	0 34	18 42	0 48	0 27	1 28	20 14	0 35	13 14	0 15	18 8	1 13	4 32	7 52	16 57	17 12	13 43		n.a.
T 11	12 32	19 45	4 3	4 11	1 23	17 34	0 36	18 56	0 48	0 29	1 28	20 15	0 35	13 16	0 15	18 7	1 13	4 31	7 52	16 57	17 11	13 44		n.a.
W12	12 53	18 0	4 42	4 51	1 16	17 58	0 38	19 9	0 49	0 31	1 27	20 17	0 35	13 17	0 15	18 7	1 13	4 31	7 52	16 57	17 10	13 46		n.a.
T 13	13 15	15 20	5 7	5 31	1 9	18 22	0 41	19 22	0 49	0 33	1 27	20 18	0 35	13 18	0 15	18 6	1 13	4 31	7 52	16 57	17 9	13 47		n.a.
F 14	13 35	11 49	5 18	6 11	1 2	18 45	0 43	19 35	0 50	0 35	1 27	20 20	0 35	13 19	0 15	18 6	1 13	4 30	7 52	16 57	17 8	13 49		n.a.
S 15	13 56	7 35	5 11	6 51	0 55	19 8	0 45	19 48	0 50	0 37	1 26	20 21	0 35	13 21	0 15	18 6	1 13	4 30	7 52	16 57	17 7	13 50		n.a.
S 16	14 17	2 49	4 46	7 31	0 48	19 30	0 47	20 0	0 51	0 39	1 26	20 23	0 35	13 22	0 15	18 5	1 13	4 30	7 52	16 57	17 6	13 52		n.a.
M17	14 37	2n16	4 2	8 11	0 40	19 51	0 49	20 12	0 51	0 41	1 26	20 24	0 35	13 23	0 15	18 5	1 13	4 29	7 52	16 57	17 5	13 53		n.a.
T 18	14 57	7 21	3 1	8 51	0 33	20 12	0 52	20 24	0 52	0 43	1 26	20 25	0 35	13 24	0 15	18 4	1 13	4 29	7 52	16 56	17 4	13 55		n.a.
W19	15 17	12 4	1 46	9 31	0 26	20 33	0 54	20 36	0 52	0 45	1 25	20 27	0 35	13 26	0 15	18 4	1 13	4 29	7 52	16 56	17 3	13 56		n.a.
T 20	15 36	16 2	0 23	10 10	0 19	20 53	0 56	20 48	0 52	0 46	1 25	20 28	0 34	13 27	0 15	18 4	1 13	4 28	7 52	16 56	17 2	13 58		n.a.
F 21	15 55	18 53	1 s 1	10 50	0 12	21 12	0 58	20 59	0 53	0 48	1 25	20 30	0 34	13 28	0 15	18 3	1 13	4 28	7 52	16 56	17 1	14 0		n.a.
S 22	16 14	20 22	2 20	11 29	0 5	21 31	1 0	21 10	0 53	0 49	1 24	20 31	0 34	13 29	0 15	18 3	1 13	4 28	7 52	16 56	17 0	14 1		n.a.
S 23	16 33	20 25	3 28	12 8	0 s 2	21 49	1 2	21 21	0 54	0 51	1 24	20 33	0 34	13 30	0 15	18 2	1 13	4 27	7 51	16 56	16 59	14 3		n.a.
M24	16 51	19 9	4 20	12 46	0 9	22 6	1 4	21 32	0 54	0 52	1 24	20 34	0 34	13 32	0 15	18 2	1 13	4 27	7 51	16 56	16 59	14 4		n.a.
T 25	17 9	16 48	4 56	13 25	0 16	22 23	1 6	21 42	0 55	0 53	1 23	20 36	0 34	13 33	0 15	18 2	1 13	4 27	7 51	16 56	16 58	14 6		n.a.
W26	17 27	13 37	5 15	14 2	0 22	22 39	1 7	21 53	0 55	0 54	1 23	20 37	0 34	13 34	0 15	18 1	1 13	4 26	7 51	16 56	16 57	14 7		n.a.
T 27	17 44	9 53	5 17	14 39	0 29	22 54	1 9	22 3	0 55	0 55	1 23	20 39	0 34	13 35	0 15	18 1	1 13	4 26	7 51	16 56	16 56	14 9		n.a.
F 28	18 1	5 48	5 4	15 16	0 35	23 9	1 11	22 12	0 56	0 56	1 22	20 40	0 34	13 36	0 15	18 0	1 13	4 26	7 51	16 56	16 55	14 10		n.a.
S 29	18 18	1 35	4 37	15 52	0 41	23 23	1 13	22 22	0 56	0 57	1 22	20 42	0 34	13 38	0 15	18 0	1 13	4 25	7 51	16 56	16 54	14 11		n.a.
S 30	18 s34	2 s38	3 s58	16 s28	0 s47	23 s36	1 s14	22 s31	0 s56	0 s58	1 s22	20 s43	0n34	13 s39	0n15	17n59	1 s13	4n25	7 s51	16 s57	16 s53	14 s13		n.a.

Julian Day Number = 974425.5, Delta T = 13h21m22s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°16'02, Lahiri = -32°09'01 Julian Calendar 1 Nov. 2046 BCE == Greg. Calendar 15 Oct. 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2046 BCE
geocentric

DECEMBER 2046 BCE (-2045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 28 30	22♏46'32	9♎25	13♏28	11♐ 8	5♐56	0°R39	3♐32	6♏18	24°R 3	0°R 8	15♏57	15♏41	4♏35	n.a.	M 1
T 2	3 32 26	23°47'46	21°13	15° 3	12°23	6°43	0♈36	3°39	6°22	24♉ 1	0♉ 7	15°58	15°37	4°42	n.a.	T 2
W 3	3 36 23	24°48'59	3♏ 0	16°39	13°38	7°31	0°34	3°46	6°25	24° 0	0° 6	15°59	15°34	4°48	n.a.	W 3
T 4	3 40 19	25°50'12	14°47	18°14	14°53	8°18	0°32	3°53	6°29	23°58	0° 5	15°R59	15°31	4°55	n.a.	T 4
F 5	3 44 16	26°51'24	26°39	19°51	16° 7	9° 5	0°30	4° 0	6°32	23°56	0° 4	15°59	15°28	5° 1	n.a.	F 5
S 6	3 48 12	27°52'35	8♐36	21°27	17°22	9°53	0°29	4° 8	6°36	23°55	0° 3	15°58	15°25	5° 8	n.a.	S 6
S 7	3 52 9	28°53'45	20°40	23° 5	18°37	10°40	0°28	4°15	6°39	23°53	0° 2	15°56	15°21	5°15	n.a.	S 7
M 8	3 56 5	29°54'54	2♑53	24°43	19°52	11°27	0°26	4°22	6°43	23°51	0° 1	15°54	15°18	5°21	n.a.	M 8
T 9	4 0 2	0♐56'01	15°17	26°21	21° 7	12°15	0°26	4°29	6°46	23°50	29♈59	15°52	15°15	5°28	n.a.	T 9
W10	4 3 59	1°57'08	27°55	28° 1	22°21	13° 2	0°25	4°36	6°49	23°48	29°59	15°50	15°12	5°35	n.a.	W10
T 11	4 7 55	2°58'13	10♒47	29°40	23°36	13°49	0°24	4°43	6°53	23°46	29°58	15°48	15° 9	5°41	n.a.	T 11
F 12	4 11 52	3°59'17	23°57	1♐21	24°51	14°37	0°24	4°51	6°56	23°45	29°57	15°47	15° 6	5°48	n.a.	F 12
S 13	4 15 48	5° 0'19	7♓26	3° 2	26° 6	15°24	0°D24	4°58	6°59	23°43	29°56	15°D46	15° 2	5°55	n.a.	S 13
S 14	4 19 45	6° 1'20	21°17	4°44	27°20	16°12	0°24	5° 5	7° 3	23°41	29°55	15°47	14°59	6° 1	n.a.	S 14
M15	4 23 41	7° 2'19	5♈28	6°26	28°35	16°59	0°24	5°12	7° 6	23°40	29°54	15°48	14°56	6° 8	n.a.	M15
T 16	4 27 38	8° 3'17	19°59	8° 9	29°49	17°46	0°25	5°19	7° 9	23°38	29°53	15°50	14°53	6°15	n.a.	T 16
W17	4 31 35	9° 4'13	4♉46	9°53	1♑ 4	18°34	0°26	5°26	7°12	23°36	29°52	15°51	14°50	6°21	n.a.	W17
T 18	4 35 31	10° 5'08	19°45	11°37	2°18	19°21	0°26	5°34	7°16	23°35	29°51	15°R51	14°47	6°28	n.a.	T 18
F 19	4 39 28	11° 6'01	4♊46	13°22	3°33	20° 8	0°28	5°41	7°19	23°33	29°50	15°50	14°43	6°35	n.a.	F 19
S 20	4 43 24	12° 6'53	19°42	15° 8	4°47	20°56	0°29	5°48	7°22	23°31	29°50	15°48	14°40	6°41	n.a.	S 20
S 21	4 47 21	13° 7'43	4♋23	16°54	6° 2	21°43	0°30	5°55	7°25	23°30	29°49	15°44	14°37	6°48	n.a.	S 21
M22	4 51 17	14° 8'32	18°44	18°41	7°16	22°30	0°32	6° 2	7°28	23°28	29°48	15°40	14°34	6°55	n.a.	M22
T 23	4 55 14	15° 9'20	2♌39	20°28	8°31	23°17	0°34	6° 9	7°31	23°27	29°47	15°35	14°31	7° 1	n.a.	T 23
W24	4 59 10	16°10'07	16° 7	22°16	9°45	24° 5	0°36	6°16	7°34	23°25	29°46	15°31	14°27	7° 8	n.a.	W24
T 25	5 3 7	17°10'52	29° 8	24° 4	10°59	24°52	0°38	6°24	7°37	23°24	29°46	15°28	14°24	7°14	n.a.	T 25
F 26	5 7 4	18°11'36	11♍45	25°53	12°14	25°39	0°41	6°31	7°40	23°22	29°45	15°27	14°21	7°21	n.a.	F 26
S 27	5 11 0	19°12'18	24° 2	27°42	13°28	26°26	0°44	6°38	7°43	23°21	29°44	15°D27	14°18	7°28	n.a.	S 27
S 28	5 14 57	20°12'59	6♎ 3	29°31	14°42	27°14	0°47	6°45	7°46	23°19	29°43	15°28	14°15	7°34	n.a.	S 28
M29	5 18 53	21°13'39	17°55	1♑19	15°56	28° 1	0°50	6°52	7°49	23°18	29°43	15°30	14°12	7°41	n.a.	M29
T 30	5 22 50	22°14'17	29°42	3° 8	17°10	28°48	0°53	6°59	7°52	23°16	29°42	15°31	14° 8	7°48	n.a.	T 30
W31	5 26 46	23♐14'54	11♏28	4♑56	18♑25	29♐35	0♈56	7♐ 6	7♏55	23♉15	29♈41	15°R32	14♏ 5	7♏54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	18s50	6s42	3s10	17s 3	0s53	23s49	1s16	22s40	0s57	0s59	1s21	20s45	0n33	13s40	0n15	17n59	1s13	4n25	7s51	16s57	16s52	14s14			n.a.
T 2	19 6	10 30	2 13	17 37	0 59	24 1	1 17	22 49	0 57	0 59	1 21	20 46	0 33	13 41	0 15	17 59	1 13	4 25	7 50	16 57	16 51	14 16			n.a.
W 3	19 21	13 53	1 12	18 11	1 5	24 12	1 19	22 57	0 58	1 0	1 21	20 47	0 33	13 42	0 15	17 58	1 13	4 24	7 50	16 57	16 50	14 17			n.a.
T 4	19 36	16 42	0 7	18 44	1 10	24 23	1 20	23 5	0 58	1 0	1 20	20 49	0 33	13 44	0 14	17 58	1 13	4 24	7 50	16 57	16 49	14 19			n.a.
F 5	19 51	18 51	0n59	19 16	1 15	24 32	1 22	23 13	0 58	1 1	1 20	20 50	0 33	13 45	0 14	17 57	1 13	4 24	7 50	16 57	16 48	14 20			n.a.
S 6	20 5	20 10	2 2	19 47	1 20	24 41	1 23	23 21	0 59	1 1	1 20	20 52	0 33	13 46	0 14	17 57	1 13	4 24	7 50	16 57	16 47	14 22			n.a.
S 7	20 19	20 35	3 1	20 17	1 25	24 50	1 24	23 28	0 59	1 1	1 19	20 53	0 33	13 47	0 14	17 57	1 13	4 23	7 50	16 57	16 46	14 23			n.a.
M 8	20 33	20 2	3 52	20 47	1 29	24 57	1 25	23 35	0 59	1 2	1 19	20 55	0 33	13 48	0 14	17 56	1 13	4 23	7 50	16 56	16 45	14 25			n.a.
T 9	20 46	18 31	4 33	21 15	1 34	25 4	1 27	23 42	1 0	1 2	1 19	20 56	0 33	13 49	0 14	17 56	1 13	4 23	7 50	16 55	16 44	14 26			n.a.
W10	20 58	16 5	5 1	21 42	1 38	25 10	1 28	23 49	1 0	1 2	1 18	20 57	0 33	13 50	0 14	17 55	1 13	4 23	7 49	16 55	16 43	14 28			n.a.
T 11	21 11	12 50	5 15	22 8	1 41	25 15	1 29	23 55	1 0	1 1	1 18	20 59	0 33	13 52	0 14	17 55	1 13	4 23	7 49	16 54	16 43	14 29			n.a.
F 12	21 23	8 53	5 13	22 33	1 45	25 19	1 30	24 1	1 0	1 1	1 18	21 0	0 33	13 53	0 14	17 55	1 13	4 22	7 49	16 54	16 42	14 30			n.a.
S 13	21 34	4 25	4 54	22 57	1 48	25 23	1 31	24 7	1 1	1 1	1 17	21 2	0 32	13 54	0 14	17 54	1 13	4 22	7 49	16 54	16 41	14 32			n.a.
S 14	21 45	0n25	4 18	23 19	1 50	25 26	1 32	24 12	1 1	1 1	1 17	21 3	0 32	13 55	0 14	17 54	1 13	4 22	7 49	16 54	16 40	14 33			n.a.
M15	21 56	5 20	3 25	23 41	1 53	25 28	1 32	24 17	1 1	1 0	1 17	21 4	0 32	13 56	0 14	17 53	1 13	4 22	7 49	16 54	16 39	14 35			n.a.
T 16	22 6	10 5	2 18	24 0	1 55	25 29	1 33	24 22	1 2	1 0	1 16	21 6	0 32	13 57	0 14	17 53	1 13	4 22	7 49	16 55	16 38	14 36			n.a.
W17	22 16	14 20	1 1	24 18	1 57	25 29	1 34	24 27	1 2	0 59	1 16	21 7	0 32	13 58	0 14	17 53	1 13	4 21	7 48	16 55	16 37	14 38			n.a.
T 18	22 25	17 41	0s21	24 35	1 58	25 29	1 34	24 31	1 2	0 58	1 16	21 9	0 32	13 59	0 14	17 52	1 13	4 21	7 48	16 55	16 36	14 39			n.a.
F 19	22 34	19 51	1 42	24 50	1 59	25 28	1 35	24 35	1 2	0 58	1 15	21 10	0 32	14 0	0 14	17 52	1 13	4 21	7 48	16 55	16 35	14 40			n.a.
S 20	22 42	20 36	2 56	25 3	1 59	25 26	1 35	24 39	1 3	0 57	1 15	21 11	0 32	14 1	0 14	17 51	1 13	4 21	7 48	16 54	16 34	14 42			n.a.
S 21	22 50	19 55	3 56	25 14	1 59	25 23	1 36	24 42	1 3	0 56	1 15	21 13	0 32	14 2	0 14	17 51	1 13	4 21	7 48	16 53	16 33	14 43			n.a.
M22	22 58	17 58	4 40	25 24	1 58	25 19	1 36	24 45	1 3	0 55	1 14	21 14	0 32	14 3	0 14	17 51	1 13	4 21	7 48	16 52	16 32	14 45			n.a.
T 23	23 5	15 0	5 6	25 32	1 57	25 15	1 36	24 48	1 3	0 54	1 14	21 15	0 32	14 4	0 14	17 50	1 13	4 21	7 47	16 50	16 31	14 46			n.a.
W24	23 11	11 21	5 14	25 37	1 56	25 10	1 36	24 51	1 3	0 53	1 14	21 17	0 32	14 5	0 14	17 50	1 13	4 20	7 47	16 49	16 30	14 47			n.a.
T 25	23 18	7 15	5 5	25 41	1 53	25 4	1 37	24 53	1 4	0 51	1 13	21 18	0 32	14 6	0 14	17 50	1 13	4 20	7 47	16 48	16 29	14 49			n.a.
F 26	23 23	2 58	4 41	25 42	1 51	24 57	1 37	24 55	1 4	0 50	1 13	21 19	0 32	14 7	0 14	17 49	1 13	4 20	7 47	16 48	16 28	14 50			n.a.
S 27	23 29	1s20	4 6	25 41	1 47	24 50	1 37	24 57	1 4	0 49	1 13	21 20	0 31	14 8	0 14	17 49	1 13	4 20	7 47	16 48	16 27	14 52			n.a.
S 28	23 33	5 30	3 19	25 39	1 43	24 42	1 36	24 58	1 4	0 47	1 12	21 22	0 31	14 9	0 14	17 48	1 13	4 20	7 46	16 48	16 26	14 53			n.a.
M29	23 38	9 24	2 25	25 33	1 38	24 33	1 36	24 59	1 4	0 46	1 12	21 23	0 31	14 10	0 14	17 48	1 13	4 20	7 46	16 49	16 25	14 54			n.a.
T 30	23 42	12 55	1 26	25 26	1 33	24 23	1 36	25 0	1 5	0 44	1 12	21 24	0 31	14 11	0 14	17 48	1 13	4 20	7 46	16 49	16 24	14 56			n.a.
W31	23s45	15s56	0s22	25s16	1s26	24s13	1s36	25s 0	1s 5	0s42	1s11	21s25	0n31	14s12	0n14	17n47	1s13	4n20	7s46	16s50	16s23	14s57			n.a.

Julian Day Number = 974455.5, Delta T = 13h21m20s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'58, Lahiri = -32°08'57 Julian Calendar 1 Dec. 2046 BCE == Greg. Calendar 14 Nov. 2046 BCE

The year -2045 astronomical counting style corresponds to year 2046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

JANUARY 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 30 43	24♐15'29	23♏18	6♑43	19♑39	0♑22	1♈ 0	7♐13	7♏57	23°R13	29°R41	15°R32	14♏ 2	8♏ 1	n.a.	T 1
F 2	5 34 39	25°16'03	5♐15	8°29	20°53	1° 9	1° 4	7°20	8° 0	23♉12	29♈40	15♏30	13°59	8° 8	n.a.	F 2
S 3	5 38 36	26°16'35	17°22	10°14	22° 7	1°57	1° 8	7°27	8° 3	23°11	29°39	15°26	13°56	8°14	n.a.	S 3
S 4	5 42 33	27°17'05	29°40	11°56	23°21	2°44	1°12	7°34	8° 5	23° 9	29°39	15°20	13°53	8°21	n.a.	S 4
M 5	5 46 29	28°17'33	12♑10	13°37	24°35	3°31	1°16	7°41	8° 8	23° 8	29°38	15°13	13°49	8°28	n.a.	M 5
T 6	5 50 26	29°18'00	24°53	15°14	25°49	4°18	1°21	7°47	8°11	23° 7	29°38	15° 4	13°46	8°34	n.a.	T 6
W 7	5 54 22	0♑18'24	7♒48	16°48	27° 3	5° 5	1°26	7°54	8°13	23° 5	29°37	14°56	13°43	8°41	n.a.	W 7
T 8	5 58 19	1°18'47	20°56	18°18	28°16	5°52	1°31	8° 1	8°16	23° 4	29°37	14°49	13°40	8°48	n.a.	T 8
F 9	6 2 15	2°19'07	4♓17	19°44	29°30	6°39	1°36	8° 8	8°18	23° 3	29°36	14°44	13°37	8°54	n.a.	F 9
S 10	6 6 12	3°19'25	17°50	21° 4	0♒44	7°26	1°41	8°15	8°21	23° 2	29°36	14°40	13°33	9° 1	n.a.	S 10
S 11	6 10 9	4°19'40	1♈37	22°18	1°58	8°13	1°47	8°21	8°23	23° 0	29°35	14°D39	13°30	9° 7	n.a.	S 11
M12	6 14 5	5°19'54	15°36	23°26	3°11	9° 0	1°52	8°28	8°26	22°59	29°35	14°39	13°27	9°14	n.a.	M12
T 13	6 18 2	6°20'05	29°48	24°27	4°25	9°47	1°58	8°35	8°28	22°58	29°35	14°40	13°24	9°21	n.a.	T 13
W14	6 21 58	7°20'14	14♉12	25°20	5°38	10°33	2° 4	8°41	8°30	22°57	29°34	14°R41	13°21	9°27	n.a.	W14
T 15	6 25 55	8°20'20	28°45	26° 4	6°52	11°20	2°10	8°48	8°32	22°56	29°34	14°40	13°18	9°34	n.a.	T 15
F 16	6 29 51	9°20'25	13♊22	26°40	8° 5	12° 7	2°16	8°54	8°35	22°55	29°34	14°37	13°14	9°41	n.a.	F 16
S 17	6 33 48	10°20'27	27°57	27° 8	9°19	12°54	2°23	9° 1	8°37	22°54	29°33	14°32	13°11	9°47	n.a.	S 17
S 18	6 37 44	11°20'27	12♋24	27°26	10°32	13°41	2°29	9° 7	8°39	22°53	29°33	14°24	13° 8	9°54	n.a.	S 18
M19	6 41 41	12°20'25	26°37	27°R34	11°45	14°27	2°36	9°14	8°41	22°52	29°33	14°14	13° 5	10° 1	n.a.	M19
T 20	6 45 37	13°20'20	10♌29	27°33	12°59	15°14	2°43	9°20	8°43	22°51	29°32	14° 4	13° 2	10° 7	n.a.	T 20
W21	6 49 34	14°20'14	23°57	27°24	14°12	16° 1	2°50	9°26	8°45	22°50	29°32	13°55	12°58	10°14	n.a.	W21
T 22	6 53 31	15°20'06	7♍ 1	27° 5	15°25	16°47	2°57	9°33	8°47	22°49	29°32	13°47	12°55	10°21	n.a.	T 22
F 23	6 57 27	16°19'56	19°42	26°38	16°38	17°34	3° 4	9°39	8°49	22°48	29°32	13°41	12°52	10°27	n.a.	F 23
S 24	7 1 24	17°19'44	2♎ 2	26° 4	17°51	18°20	3°12	9°45	8°51	22°47	29°32	13°38	12°49	10°34	n.a.	S 24
S 25	7 5 20	18°19'30	14° 6	25°23	19° 4	19° 7	3°19	9°51	8°53	22°46	29°32	13°D36	12°46	10°40	n.a.	S 25
M26	7 9 17	19°19'14	25°59	24°36	20°17	19°53	3°27	9°57	8°54	22°46	29°32	13°37	12°43	10°47	n.a.	M26
T 27	7 13 13	20°18'57	7♏47	23°45	21°30	20°40	3°35	10° 4	8°56	22°45	29°31	13°R37	12°39	10°54	n.a.	T 27
W28	7 17 10	21°18'37	19°35	22°50	22°43	21°26	3°43	10°10	8°58	22°44	29°31	13°37	12°36	11° 0	n.a.	W28
T 29	7 21 6	22°18'16	1♐27	21°54	23°55	22°13	3°51	10°16	8°59	22°43	29°31	13°35	12°33	11° 7	n.a.	T 29
F 30	7 25 3	23°17'52	13°30	20°56	25° 8	22°59	4° 0	10°21	9° 1	22°43	29°D31	13°31	12°30	11°14	n.a.	F 30
S 31	7 29 0	24♑17'27	25♐45	19♑59	26♒21	23♑45	4♈ 8	10♐27	9♏ 2	22♉42	29♈31	13♏25	12♏27	11♏20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s48	18 s18	0n42	25 s 4	1 s19	24 s 2	1 s35	25 s 0	1 s 5	0 s40	1 s11	21 s27	0n31	14 s13	0n14	17n47	1 s13	4n20	7 s46	16 s50	16 s22	14 s59			n.a.
F 2	23 50	19 53	1 45	24 50	1 11	23 50	1 35	25 0	1 5	0 39	1 11	21 28	0 31	14 14	0 14	17 47	1 13	4 20	7 45	16 49	16 21	15 0			n.a.
S 3	23 52	20 35	2 44	24 34	1 3	23 37	1 34	25 0	1 5	0 37	1 10	21 29	0 31	14 15	0 14	17 46	1 13	4 20	7 45	16 48	16 21	15 1			n.a.
S 4	23 54	20 19	3 37	24 16	0 53	23 24	1 34	24 59	1 5	0 35	1 10	21 30	0 31	14 16	0 14	17 46	1 13	4 20	7 45	16 46	16 20	15 3			n.a.
M 5	23 55	19 3	4 19	23 56	0 43	23 10	1 33	24 58	1 5	0 33	1 10	21 32	0 31	14 17	0 14	17 46	1 13	4 20	7 45	16 44	16 19	15 4			n.a.
T 6	23 55	16 50	4 50	23 34	0 32	22 55	1 32	24 57	1 5	0 30	1 9	21 33	0 31	14 17	0 14	17 46	1 13	4 20	7 45	16 41	16 18	15 5			n.a.
W 7	23 56	13 46	5 6	23 11	0 20	22 40	1 31	24 55	1 6	0 28	1 9	21 34	0 31	14 18	0 14	17 45	1 12	4 20	7 44	16 39	16 17	15 7			n.a.
T 8	23 55	9 58	5 7	22 46	0 8	22 24	1 30	24 53	1 6	0 26	1 9	21 35	0 31	14 19	0 14	17 45	1 12	4 20	7 44	16 37	16 16	15 8			n.a.
F 9	23 54	5 38	4 51	22 21	0n 6	22 8	1 29	24 51	1 6	0 24	1 8	21 36	0 31	14 20	0 14	17 45	1 12	4 20	7 44	16 35	16 15	15 9			n.a.
S 10	23 53	0 57	4 19	21 55	0 20	21 50	1 28	24 49	1 6	0 21	1 8	21 37	0 31	14 21	0 14	17 44	1 12	4 20	7 44	16 34	16 14	15 11			n.a.
S 11	23 51	3n52	3 31	21 28	0 34	21 33	1 27	24 46	1 6	0 19	1 8	21 39	0 31	14 22	0 14	17 44	1 12	4 20	7 44	16 34	16 13	15 12			n.a.
M12	23 49	8 34	2 30	21 2	0 49	21 14	1 26	24 43	1 6	0 16	1 7	21 40	0 31	14 22	0 14	17 44	1 12	4 20	7 43	16 34	16 12	15 13			n.a.
T 13	23 46	12 52	1 19	20 36	1 5	20 55	1 25	24 39	1 6	0 14	1 7	21 41	0 30	14 23	0 14	17 44	1 12	4 20	7 43	16 34	16 11	15 15			n.a.
W14	23 43	16 28	0 3	20 11	1 21	20 35	1 23	24 36	1 6	0 11	1 7	21 42	0 30	14 24	0 14	17 43	1 12	4 20	7 43	16 34	16 10	15 16			n.a.
T 15	23 39	19 4	1 s15	19 47	1 37	20 15	1 22	24 32	1 6	0 8	1 7	21 43	0 30	14 25	0 14	17 43	1 12	4 20	7 43	16 34	16 9	15 17			n.a.
F 16	23 35	20 25	2 28	19 24	1 53	19 54	1 20	24 28	1 6	0 5	1 6	21 44	0 30	14 25	0 14	17 43	1 12	4 20	7 43	16 33	16 8	15 19			n.a.
S 17	23 31	20 24	3 31	19 4	2 8	19 33	1 19	24 23	1 6	0 2	1 6	21 45	0 30	14 26	0 14	17 43	1 12	4 20	7 42	16 31	16 7	15 20			n.a.
S 18	23 26	19 2	4 19	18 45	2 24	19 11	1 17	24 18	1 6	0n 1	1 6	21 46	0 30	14 27	0 14	17 42	1 12	4 20	7 42	16 29	16 6	15 21			n.a.
M19	23 20	16 30	4 51	18 29	2 39	18 49	1 16	24 13	1 6	0 3	1 5	21 47	0 30	14 27	0 14	17 42	1 12	4 21	7 42	16 26	16 5	15 23			n.a.
T 20	23 15	13 5	5 4	18 15	2 53	18 26	1 14	24 8	1 6	0 7	1 5	21 48	0 30	14 28	0 14	17 42	1 12	4 21	7 42	16 23	16 4	15 24			n.a.
W21	23 8	9 5	5 0	18 4	3 6	18 3	1 12	24 3	1 6	0 10	1 5	21 49	0 30	14 29	0 14	17 42	1 12	4 21	7 42	16 20	16 3	15 25			n.a.
T 22	23 1	4 47	4 41	17 56	3 18	17 39	1 10	23 57	1 6	0 13	1 4	21 50	0 30	14 29	0 14	17 42	1 12	4 21	7 41	16 18	16 2	15 26			n.a.
F 23	22 54	0 23	4 7	17 50	3 29	17 15	1 8	23 51	1 6	0 16	1 4	21 51	0 30	14 30	0 14	17 41	1 12	4 21	7 41	16 16	16 1	15 28			n.a.
S 24	22 47	3 s55	3 23	17 48	3 38	16 50	1 6	23 44	1 6	0 19	1 4	21 52	0 30	14 31	0 14	17 41	1 12	4 21	7 41	16 15	16 0	15 29			n.a.
S 25	22 39	7 59	2 31	17 48	3 46	16 25	1 4	23 38	1 6	0 23	1 4	21 53	0 30	14 31	0 14	17 41	1 12	4 21	7 41	16 15	15 59	15 30			n.a.
M26	22 30	11 40	1 33	17 51	3 51	16 0	1 2	23 31	1 6	0 26	1 3	21 54	0 30	14 32	0 14	17 41	1 12	4 22	7 40	16 15	15 58	15 32			n.a.
T 27	22 21	14 53	0 31	17 56	3 55	15 34	0 59	23 24	1 6	0 30	1 3	21 55	0 30	14 32	0 14	17 41	1 12	4 22	7 40	16 15	15 57	15 33			n.a.
W28	22 12	17 28	0n32	18 4	3 57	15 7	0 57	23 16	1 6	0 33	1 3	21 56	0 30	14 33	0 14	17 41	1 12	4 22	7 40	16 15	15 56	15 34			n.a.
T 29	22 2	19 21	1 34	18 13	3 56	14 41	0 55	23 9	1 6	0 37	1 3	21 57	0 30	14 33	0 14	17 41	1 12	4 22	7 40	16 14	15 55	15 35			n.a.
F 30	21 52	20 22	2 32	18 25	3 54	14 13	0 52	23 1	1 6	0 40	1 2	21 58	0 30	14 34	0 14	17 40	1 12	4 22	7 40	16 13	15 54	15 37			n.a.
S 31	21 s42	20 s27	3n24	18 s37	3n49	13 s46	0 s50	22 s53	1 s 6	0n44	1 s 2	21 s59	0n30	14 s34	0n14	17n40	1 s11	4n23	7 s39	16 s11	15 s53	15 s38			n.a.

Julian Day Number = 974486.5, Delta T = 13h21m18s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'54, Lahiri = -32°08'53 Julian Calendar 1 Jan. 2045 BCE == Greg. Calendar 15 Dec. 2046 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

FEBRUARY 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 32 56	25♉16'59	8♉16	19°R 4	27♒33	24♉31	4♈17	10♐33	9♏ 4	22°R42	29♈31	13°R16	12♏24	11♏27	n.a.	S 1
M 2	7 36 53	26°16'30	21° 4	18♉12	28°46	25°18	4°25	10°39	9° 5	22♉41	29°31	13♏ 4	12°20	11°34	n.a.	M 2
T 3	7 40 49	27°15'58	4♒ 8	17°23	29°58	26° 4	4°34	10°45	9° 7	22°40	29°32	12°52	12°17	11°40	n.a.	T 3
W 4	7 44 46	28°15'24	17°27	16°38	1♓10	26°50	4°43	10°50	9° 8	22°40	29°32	12°39	12°14	11°47	n.a.	W 4
T 5	7 48 42	29°14'47	0♓59	15°59	2°23	27°36	4°52	10°56	9° 9	22°39	29°32	12°28	12°11	11°54	n.a.	T 5
F 6	7 52 39	0♒14'08	14°41	15°24	3°35	28°22	5° 1	11° 1	9°11	22°39	29°32	12°19	12° 8	12° 0	n.a.	F 6
S 7	7 56 35	1°13'27	28°31	14°56	4°47	29° 8	5°11	11° 7	9°12	22°39	29°32	12°13	12° 4	12° 7	n.a.	S 7
S 8	8 0 32	2°12'43	12♈27	14°33	5°59	29°54	5°20	11°12	9°13	22°38	29°32	12°10	12° 1	12°14	n.a.	S 8
M 9	8 4 28	3°11'56	26°28	14°17	7°11	0♒40	5°30	11°17	9°14	22°38	29°32	12° 9	11°58	12°20	n.a.	M 9
T 10	8 8 25	4°11'08	10♉33	14° 6	8°23	1°26	5°39	11°23	9°15	22°37	29°33	12° 9	11°55	12°27	n.a.	T 10
W11	8 12 22	5°10'16	24°41	14°D 1	9°35	2°12	5°49	11°28	9°16	22°37	29°33	12° 8	11°52	12°33	n.a.	W11
T 12	8 16 18	6° 9'22	8♊52	14° 2	10°46	2°58	5°59	11°33	9°17	22°37	29°33	12° 6	11°49	12°40	n.a.	T 12
F 13	8 20 15	7° 8'26	23° 3	14° 9	11°58	3°44	6° 9	11°38	9°18	22°37	29°34	12° 2	11°45	12°47	n.a.	F 13
S 14	8 24 11	8° 7'28	7♋12	14°20	13°10	4°29	6°19	11°43	9°19	22°37	29°34	11°55	11°42	12°53	n.a.	S 14
S 15	8 28 8	9° 6'26	21°14	14°37	14°21	5°15	6°29	11°48	9°20	22°36	29°34	11°45	11°39	13° 0	n.a.	S 15
M16	8 32 4	10° 5'23	5♌ 5	14°59	15°32	6° 1	6°40	11°53	9°20	22°36	29°35	11°33	11°36	13° 7	n.a.	M16
T 17	8 36 1	11° 4'17	18°40	15°26	16°44	6°46	6°50	11°58	9°21	22°36	29°35	11°20	11°33	13°13	n.a.	T 17
W18	8 39 57	12° 3'09	1♍57	15°56	17°55	7°32	7° 1	12° 3	9°22	22°36	29°35	11° 8	11°30	13°20	n.a.	W18
T 19	8 43 54	13° 2'00	14°54	16°32	19° 6	8°17	7°11	12° 7	9°22	22°D36	29°36	10°58	11°26	13°27	n.a.	T 19
F 20	8 47 50	14° 0'47	27°32	17°11	20°17	9° 3	7°22	12°12	9°23	22°36	29°36	10°49	11°23	13°33	n.a.	F 20
S 21	8 51 47	14°59'33	9♎51	17°54	21°28	9°48	7°33	12°16	9°23	22°36	29°37	10°44	11°20	13°40	n.a.	S 21
S 22	8 55 44	15°58'18	21°55	18°40	22°39	10°34	7°43	12°21	9°24	22°36	29°37	10°41	11°17	13°47	n.a.	S 22
M23	8 59 40	16°57'00	3♏49	19°30	23°49	11°19	7°54	12°25	9°24	22°36	29°38	10°40	11°14	13°53	n.a.	M23
T 24	9 3 37	17°55'40	15°38	20°23	25° 0	12° 4	8° 5	12°29	9°24	22°36	29°38	10°40	11°10	14° 0	n.a.	T 24
W25	9 7 33	18°54'19	27°27	21°19	26°11	12°49	8°17	12°34	9°25	22°37	29°39	10°40	11° 7	14° 7	n.a.	W25
T 26	9 11 30	19°52'55	9♐21	22°18	27°21	13°35	8°28	12°38	9°25	22°37	29°40	10°38	11° 4	14°13	n.a.	T 26
F 27	9 15 26	20°51'30	21°27	23°20	28°31	14°20	8°39	12°42	9°25	22°37	29°40	10°35	11° 1	14°20	n.a.	F 27
S 28	9 19 23	21°50'03	3♑48	24°24	29°42	15° 5	8°50	12°46	9°25	22°37	29°41	10°29	10°58	14°26	n.a.	S 28
S 29	9 23 19	22♒48'34	16♑28	25♑31	0♈52	15♒50	9♈ 2	12♐50	9♏25	22♉38	29♈41	10♏20	10♏55	14♏33	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21 s31	19 s32	4n 8	18 s51	3n43	13 s18	0 s47	22 s44	1 s 6	0n48	1 s 2	22 s 0	0n30	14 s35	0n14	17n40	1 s11	4n23	7 s39	16 s 8	15 s52	15 s39		n.a.
M 2	21 19	17 38	4 40	19 6	3 36	12 50	0 45	22 36	1 6	0 51	1 1	22 1	0 30	14 35	0 14	17 40	1 11	4 23	7 39	16 5	15 51	15 41		n.a.
T 3	21 8	14 48	4 58	19 22	3 26	12 22	0 42	22 27	1 6	0 55	1 1	22 2	0 29	14 36	0 14	17 40	1 11	4 23	7 39	16 1	15 50	15 42		n.a.
W 4	20 56	11 9	5 0	19 38	3 16	11 53	0 39	22 18	1 6	0 59	1 1	22 2	0 29	14 36	0 14	17 40	1 11	4 23	7 38	15 57	15 49	15 43		n.a.
T 5	20 43	6 54	4 46	19 54	3 4	11 24	0 36	22 8	1 6	1 3	1 1	22 3	0 29	14 37	0 15	17 40	1 11	4 24	7 38	15 54	15 48	15 44		n.a.
F 6	20 31	2 14	4 15	20 10	2 52	10 55	0 34	21 59	1 6	1 7	1 0	22 4	0 29	14 37	0 15	17 40	1 11	4 24	7 38	15 51	15 47	15 45		n.a.
S 7	20 18	2n35	3 29	20 26	2 39	10 26	0 31	21 49	1 6	1 11	1 0	22 5	0 29	14 37	0 15	17 40	1 11	4 24	7 38	15 49	15 46	15 47		n.a.
S 8	20 4	7 19	2 30	20 42	2 25	9 56	0 28	21 39	1 5	1 15	1 0	22 6	0 29	14 38	0 15	17 40	1 11	4 25	7 38	15 48	15 45	15 48		n.a.
M 9	19 50	11 41	1 22	20 58	2 11	9 26	0 25	21 29	1 5	1 19	1 0	22 7	0 29	14 38	0 15	17 40	1 11	4 25	7 37	15 47	15 44	15 49		n.a.
T 10	19 36	15 25	0 8	21 13	1 57	8 56	0 22	21 18	1 5	1 23	0 59	22 7	0 29	14 38	0 15	17 40	1 11	4 25	7 37	15 47	15 43	15 50		n.a.
W11	19 22	18 16	1 s 6	21 28	1 43	8 25	0 19	21 8	1 5	1 27	0 59	22 8	0 29	14 39	0 15	17 40	1 11	4 25	7 37	15 47	15 42	15 52		n.a.
T 12	19 7	19 59	2 16	21 42	1 29	7 55	0 16	20 57	1 5	1 31	0 59	22 9	0 29	14 39	0 15	17 40	1 11	4 26	7 37	15 47	15 41	15 53		n.a.
F 13	18 52	20 26	3 18	21 55	1 15	7 24	0 12	20 46	1 5	1 36	0 59	22 10	0 29	14 39	0 15	17 40	1 11	4 26	7 37	15 45	15 40	15 54		n.a.
S 14	18 36	19 36	4 8	22 8	1 1	6 53	0 9	20 35	1 5	1 40	0 59	22 10	0 29	14 40	0 15	17 40	1 11	4 26	7 36	15 43	15 39	15 55		n.a.
S 15	18 21	17 34	4 42	22 20	0 47	6 22	0 6	20 23	1 5	1 44	0 58	22 11	0 29	14 40	0 15	17 40	1 11	4 27	7 36	15 40	15 38	15 57		n.a.
M16	18 5	14 33	4 59	22 30	0 34	5 51	0 3	20 11	1 4	1 49	0 58	22 12	0 29	14 40	0 15	17 40	1 11	4 27	7 36	15 36	15 37	15 58		n.a.
T 17	17 48	10 49	4 58	22 40	0 21	5 20	0n 1	20 0	1 4	1 53	0 58	22 12	0 29	14 40	0 15	17 40	1 11	4 27	7 36	15 32	15 36	15 59		n.a.
W18	17 32	6 37	4 41	22 49	0 8	4 49	0 4	19 48	1 4	1 57	0 58	22 13	0 29	14 41	0 15	17 40	1 11	4 28	7 35	15 28	15 35	16 0		n.a.
T 19	17 15	2 14	4 10	22 57	0 s 4	4 17	0 7	19 35	1 4	2 2	0 57	22 14	0 29	14 41	0 15	17 40	1 11	4 28	7 35	15 25	15 34	16 1		n.a.
F 20	16 57	2 s 9	3 27	23 4	0 16	3 46	0 11	19 23	1 4	2 6	0 57	22 14	0 29	14 41	0 15	17 40	1 10	4 28	7 35	15 22	15 33	16 3		n.a.
S 21	16 40	6 21	2 36	23 9	0 27	3 14	0 14	19 10	1 4	2 11	0 57	22 15	0 29	14 41	0 15	17 40	1 10	4 29	7 35	15 21	15 32	16 4		n.a.
S 22	16 22	10 13	1 38	23 13	0 38	2 42	0 18	18 58	1 3	2 16	0 57	22 16	0 29	14 41	0 15	17 40	1 10	4 29	7 35	15 20	15 31	16 5		n.a.
M23	16 4	13 37	0 36	23 16	0 48	2 11	0 21	18 45	1 3	2 20	0 57	22 16	0 29	14 41	0 15	17 40	1 10	4 29	7 34	15 19	15 30	16 6		n.a.
T 24	15 46	16 26	0n26	23 18	0 58	1 39	0 25	18 32	1 3	2 25	0 56	22 17	0 29	14 41	0 15	17 40	1 10	4 30	7 34	15 19	15 29	16 7		n.a.
W25	15 28	18 34	1 28	23 18	1 7	1 7	0 28	18 18	1 3	2 29	0 56	22 18	0 29	14 41	0 15	17 40	1 10	4 30	7 34	15 19	15 28	16 8		n.a.
T 26	15 9	19 54	2 26	23 17	1 16	0 35	0 32	18 5	1 2	2 34	0 56	22 18	0 29	14 42	0 15	17 40	1 10	4 31	7 34	15 19	15 27	16 10		n.a.
F 27	14 50	20 21	3 18	23 15	1 24	0 4	0 35	17 51	1 2	2 39	0 56	22 19	0 28	14 42	0 15	17 40	1 10	4 31	7 34	15 18	15 26	16 11		n.a.
S 28	14 31	19 50	4 3	23 11	1 32	0n28	0 39	17 38	1 2	2 44	0 55	22 19	0 28	14 42	0 15	17 40	1 10	4 31	7 33	15 16	15 25	16 12		n.a.
S 29	14 s11	18 s19	4n36	23 s 6	1 s39	1n 0	0n42	17 s24	1 s 2	2n48	0 s55	22 s20	0n28	14 s42	0n15	17n41	1 s10	4n32	7 s33	15 s13	15 s24	16 s13		n.a.

Julian Day Number = 974517.5, Delta T = 13h21m16s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'49, Lahiri = -32°08'49 Julian Calendar 1 Feb. 2045 BCE == Greg. Calendar 15 Jan. 2045 BCE

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

MARCH 2045 BCE (-2044) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 27 16	23♒47'03	29♉28	26♉41	2♈ 2	16♒35	9♈13	12♐54	9°R25	22♉38	29♈42	10°R10	10♏51	14♏40	n.a.	M 1
T 2	9 31 12	24°45'31	12♒49	27°53	3°12	17°20	9°25	12°57	9♏25	22°38	29°43	9♏58	10°48	14°46	n.a.	T 2
W 3	9 35 9	25°43'56	26°30	29° 7	4°21	18° 5	9°37	13° 1	9°25	22°39	29°43	9°46	10°45	14°53	n.a.	W 3
T 4	9 39 5	26°42'19	10♓26	0♒23	5°31	18°50	9°49	13° 5	9°25	22°39	29°44	9°35	10°42	15° 0	n.a.	T 4
F 5	9 43 2	27°40'40	24°34	1°42	6°41	19°34	10° 0	13° 8	9°25	22°40	29°45	9°27	10°39	15° 6	n.a.	F 5
S 6	9 46 59	28°38'59	8♈49	3° 2	7°50	20°19	10°12	13°12	9°24	22°40	29°46	9°21	10°36	15°13	n.a.	S 6
S 7	9 50 55	29°37'16	23° 5	4°25	8°59	21° 4	10°24	13°15	9°24	22°41	29°46	9°18	10°32	15°20	n.a.	S 7
M 8	9 54 52	0♓35'31	7♉21	5°49	10° 8	21°48	10°36	13°18	9°24	22°41	29°47	9°D17	10°29	15°26	n.a.	M 8
T 9	9 58 48	1°33'43	21°32	7°15	11°17	22°33	10°48	13°21	9°23	22°42	29°48	9°17	10°26	15°33	n.a.	T 9
W10	10 2 45	2°31'53	5♊39	8°44	12°26	23°18	11° 1	13°24	9°23	22°43	29°49	9°R17	10°23	15°40	n.a.	W10
T 11	10 6 41	3°30'01	19°39	10°14	13°35	24° 2	11°13	13°27	9°23	22°43	29°50	9°16	10°20	15°46	n.a.	T 11
F 12	10 10 38	4°28'07	3♋32	11°46	14°44	24°47	11°25	13°30	9°22	22°44	29°51	9°13	10°16	15°53	n.a.	F 12
S 13	10 14 34	5°26'11	17°18	13°20	15°52	25°31	11°38	13°33	9°21	22°45	29°52	9° 8	10°13	15°59	n.a.	S 13
S 14	10 18 31	6°24'12	0♌54	14°56	17° 1	26°15	11°50	13°36	9°21	22°46	29°52	9° 0	10°10	16° 6	n.a.	S 14
M15	10 22 28	7°22'12	14°20	16°33	18° 9	26°59	12° 2	13°38	9°20	22°46	29°53	8°50	10° 7	16°13	n.a.	M15
T 16	10 26 24	8°20'10	27°32	18°13	19°17	27°44	12°15	13°41	9°19	22°47	29°54	8°39	10° 4	16°19	n.a.	T 16
W17	10 30 21	9°18'05	10♍29	19°54	20°25	28°28	12°28	13°43	9°19	22°48	29°55	8°29	10° 1	16°26	n.a.	W17
T 18	10 34 17	10°15'59	23°11	21°37	21°32	29°12	12°40	13°46	9°18	22°49	29°56	8°21	9°57	16°33	n.a.	T 18
F 19	10 38 14	11°13'52	5♎38	23°22	22°40	29°56	12°53	13°48	9°17	22°50	29°57	8°14	9°54	16°39	n.a.	F 19
S 20	10 42 10	12°11'42	17°51	25° 9	23°47	0♓40	13° 6	13°50	9°16	22°51	29°58	8° 9	9°51	16°46	n.a.	S 20
S 21	10 46 7	13° 9'32	29°52	26°58	24°55	1°24	13°18	13°52	9°15	22°52	29°59	8° 7	9°48	16°53	n.a.	S 21
M22	10 50 3	14° 7'19	11♏45	28°48	26° 2	2° 8	13°31	13°54	9°14	22°53	0♉ 0	8°D 7	9°45	16°59	n.a.	M22
T 23	10 54 0	15° 5'06	23°33	0♓41	27° 9	2°52	13°44	13°56	9°13	22°54	0° 1	8° 8	9°41	17° 6	n.a.	T 23
W24	10 57 56	16° 2'51	5♐22	2°35	28°15	3°36	13°57	13°58	9°12	22°55	0° 2	8° 9	9°38	17°13	n.a.	W24
T 25	11 1 53	17° 0'34	17°17	4°31	29°22	4°19	14°10	13°59	9°11	22°56	0° 3	8°R 9	9°35	17°19	n.a.	T 25
F 26	11 5 50	17°58'17	29°23	6°29	0♉28	5° 3	14°23	14° 1	9°10	22°57	0° 5	8° 9	9°32	17°26	n.a.	F 26
S 27	11 9 46	18°55'58	11♉45	8°28	1°34	5°47	14°36	14° 3	9° 8	22°58	0° 6	8° 6	9°29	17°33	n.a.	S 27
S 28	11 13 43	19°53'38	24°28	10°30	2°40	6°30	14°49	14° 4	9° 7	22°59	0° 7	8° 2	9°26	17°39	n.a.	S 28
M29	11 17 39	20°51'16	7♒33	12°33	3°46	7°14	15° 2	14° 5	9° 6	23° 1	0° 8	7°55	9°22	17°46	n.a.	M29
T 30	11 21 36	21°48'54	21° 4	14°37	4°52	7°57	15°16	14° 7	9° 4	23° 2	0° 9	7°48	9°19	17°52	n.a.	T 30
W31	11 25 32	22♓46'30	4♓58	16♓43	5♉57	8♓41	15♈29	14♐ 8	9♏ 3	23♉ 3	0♉10	7♏41	9♏16	17♏59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	13s52	15s51	4n56	22s59	1s46	1n31	0n46	17s10	1s 2	2n53	0s55	22s20	0n28	14s42	0n15	17n41	1s10	4n32	7s33	15s10	15s23	16s14			n.a.
T 2	13 32	12 30	5 1	22 50	1 52	2 3	0 50	16 56	1 1	2 58	0 55	22 21	0 28	14 42	0 15	17 41	1 10	4 33	7 33	15 6	15 22	16 15			n.a.
W 3	13 12	8 25	4 49	22 40	1 58	2 35	0 53	16 41	1 1	3 3	0 55	22 21	0 28	14 42	0 15	17 41	1 10	4 33	7 33	15 2	15 21	16 17			n.a.
T 4	12 52	3 49	4 20	22 29	2 3	3 6	0 57	16 27	1 1	3 8	0 54	22 22	0 28	14 42	0 15	17 41	1 10	4 34	7 32	14 59	15 20	16 18			n.a.
F 5	12 31	1n 4	3 34	22 15	2 8	3 37	1 1	16 12	1 1	3 13	0 54	22 22	0 28	14 41	0 15	17 41	1 10	4 34	7 32	14 56	15 19	16 19			n.a.
S 6	12 11	5 55	2 34	22 1	2 12	4 9	1 4	15 58	1 0	3 18	0 54	22 23	0 28	14 41	0 15	17 42	1 10	4 35	7 32	14 54	15 18	16 20			n.a.
S 7	11 50	10 28	1 25	21 44	2 15	4 40	1 8	15 43	1 0	3 23	0 54	22 23	0 28	14 41	0 15	17 42	1 10	4 35	7 32	14 53	15 17	16 21			n.a.
M 8	11 29	14 24	0 10	21 26	2 18	5 11	1 11	15 28	1 0	3 28	0 54	22 24	0 28	14 41	0 15	17 42	1 10	4 35	7 32	14 53	15 16	16 22			n.a.
T 9	11 8	17 28	1s 5	21 6	2 21	5 42	1 15	15 13	0 59	3 33	0 54	22 24	0 28	14 41	0 15	17 42	1 10	4 36	7 31	14 53	15 15	16 23			n.a.
W10	10 47	19 28	2 16	20 44	2 23	6 13	1 19	14 57	0 59	3 38	0 53	22 25	0 28	14 41	0 15	17 42	1 9	4 36	7 31	14 53	15 14	16 24			n.a.
T 11	10 26	20 14	3 18	20 20	2 24	6 43	1 22	14 42	0 59	3 43	0 53	22 25	0 28	14 41	0 15	17 43	1 9	4 37	7 31	14 53	15 13	16 26			n.a.
F 12	10 4	19 45	4 8	19 55	2 25	7 14	1 26	14 27	0 59	3 48	0 53	22 25	0 28	14 41	0 15	17 43	1 9	4 37	7 31	14 52	15 12	16 27			n.a.
S 13	9 42	18 7	4 43	19 28	2 25	7 44	1 29	14 11	0 58	3 53	0 53	22 26	0 28	14 40	0 15	17 43	1 9	4 38	7 31	14 50	15 11	16 28			n.a.
S 14	9 21	15 28	5 1	18 59	2 25	8 14	1 33	13 56	0 58	3 58	0 53	22 26	0 28	14 40	0 15	17 43	1 9	4 38	7 30	14 47	15 10	16 29			n.a.
M15	8 59	12 3	5 3	18 28	2 24	8 44	1 36	13 40	0 58	4 3	0 53	22 26	0 28	14 40	0 15	17 44	1 9	4 39	7 30	14 44	15 9	16 30			n.a.
T 16	8 37	8 5	4 48	17 56	2 23	9 14	1 40	13 24	0 57	4 8	0 52	22 27	0 28	14 40	0 15	17 44	1 9	4 39	7 30	14 41	15 8	16 31			n.a.
W17	8 14	3 48	4 19	17 22	2 21	9 43	1 43	13 8	0 57	4 13	0 52	22 27	0 28	14 39	0 15	17 44	1 9	4 40	7 30	14 37	15 7	16 32			n.a.
T 18	7 52	0s33	3 37	16 45	2 18	10 12	1 47	12 52	0 57	4 18	0 52	22 27	0 28	14 39	0 15	17 44	1 9	4 40	7 30	14 34	15 6	16 33			n.a.
F 19	7 30	4 48	2 45	16 7	2 15	10 41	1 50	12 36	0 56	4 24	0 52	22 28	0 28	14 39	0 15	17 45	1 9	4 41	7 30	14 32	15 5	16 34			n.a.
S 20	7 7	8 47	1 47	15 27	2 11	11 10	1 53	12 20	0 56	4 29	0 52	22 28	0 28	14 39	0 15	17 45	1 9	4 41	7 29	14 31	15 4	16 36			n.a.
S 21	6 45	12 20	0 44	14 45	2 7	11 38	1 57	12 3	0 56	4 34	0 52	22 28	0 28	14 38	0 15	17 45	1 9	4 42	7 29	14 30	15 3	16 37			n.a.
M22	6 22	15 21	0n20	14 2	2 2	12 7	2 0	11 47	0 55	4 39	0 51	22 29	0 28	14 38	0 15	17 46	1 9	4 42	7 29	14 30	15 2	16 38			n.a.
T 23	6 0	17 43	1 22	13 16	1 57	12 34	2 3	11 31	0 55	4 45	0 51	22 29	0 28	14 38	0 15	17 46	1 9	4 43	7 29	14 30	15 1	16 39			n.a.
W24	5 37	19 19	2 22	12 29	1 51	13 2	2 7	11 14	0 55	4 50	0 51	22 29	0 28	14 37	0 15	17 46	1 9	4 43	7 29	14 30	15 0	16 40			n.a.
T 25	5 14	20 4	3 15	11 40	1 45	13 29	2 10	10 58	0 54	4 55	0 51	22 29	0 27	14 37	0 15	17 46	1 9	4 44	7 29	14 31	14 59	16 41			n.a.
F 26	4 51	19 54	4 1	10 49	1 38	13 56	2 13	10 41	0 54	5 0	0 51	22 30	0 27	14 37	0 15	17 47	1 9	4 44	7 28	14 30	14 58	16 42			n.a.
S 27	4 28	18 48	4 37	9 57	1 30	14 23	2 16	10 24	0 53	5 6	0 51	22 30	0 27	14 36	0 15	17 47	1 9	4 45	7 28	14 30	14 57	16 43			n.a.
S 28	4 5	16 45	5 0	9 3	1 23	14 49	2 19	10 7	0 53	5 11	0 50	22 30	0 27	14 36	0 15	17 47	1 9	4 46	7 28	14 28	14 56	16 44			n.a.
M29	3 42	13 47	5 9	8 8	1 14	15 15	2 22	9 51	0 53	5 16	0 50	22 30	0 27	14 35	0 15	17 48	1 9	4 46	7 28	14 26	14 55	16 45			n.a.
T 30	3 19	10 2	5 0	7 11	1 5	15 40	2 25	9 34	0 52	5 22	0 50	22 30	0 27	14 35	0 15	17 48	1 9	4 47	7 28	14 24	14 54	16 46			n.a.
W31	2s55	5s38	4n35	6s12	0s56	16n 5	2n27	9s17	0s52	5n27	0s50	22s31	0n27	14s34	0n15	17n49	1s 9	4n47	7s28	14s21	14s52	16s47			n.a.

Julian Day Number = 974546.5, Delta T = 13h21m14s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'46, Lahiri = -32°08'45 Julian Calendar 1 March 2045 BCE == Greg. Calendar 13 Feb. 2045 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

APRIL 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 29 29	23♓44'04	19♓12	18♓50	7♉ 2	9♓24	15♈42	14♐ 9	9°R 2	23♉ 4	0♉11	7°R34	9♏13	18♏ 6	n.a.	T 1
F 2	11 33 25	24°41'37	3♈42	20°59	8° 7	10° 7	15°55	14°10	9♏ 0	23° 6	0°13	7♏29	9°10	18°12	n.a.	F 2
S 3	11 37 22	25°39'09	18°21	23° 8	9°12	10°51	16° 9	14°10	8°59	23° 7	0°14	7°26	9° 7	18°19	n.a.	S 3
S 4	11 41 18	26°36'40	3♉ 2	25°18	10°17	11°34	16°22	14°11	8°57	23° 9	0°15	7°D24	9° 3	18°26	n.a.	S 4
M 5	11 45 15	27°34'09	17°40	27°29	11°21	12°17	16°35	14°12	8°55	23°10	0°16	7°25	9° 0	18°32	n.a.	M 5
T 6	11 49 12	28°31'36	2♊ 8	29°40	12°25	13° 0	16°49	14°12	8°54	23°11	0°18	7°26	8°57	18°39	n.a.	T 6
W 7	11 53 8	29°29'02	16°24	1♈51	13°29	13°43	17° 2	14°13	8°52	23°13	0°19	7°27	8°54	18°46	n.a.	W 7
T 8	11 57 5	0♈26'27	0♋26	4° 2	14°33	14°26	17°16	14°13	8°50	23°14	0°20	7°R28	8°51	18°52	n.a.	T 8
F 9	12 1 1	1°23'50	14°13	6°13	15°36	15° 9	17°29	14°13	8°49	23°16	0°21	7°27	8°47	18°59	n.a.	F 9
S 10	12 4 58	2°21'12	27°45	8°22	16°39	15°52	17°43	14°13	8°47	23°17	0°23	7°25	8°44	19° 6	n.a.	S 10
S 11	12 8 54	3°18'32	11♌ 3	10°31	17°42	16°35	17°56	14°R13	8°45	23°19	0°24	7°21	8°41	19°12	n.a.	S 11
M12	12 12 51	4°15'51	24° 6	12°38	18°44	17°18	18°10	14°13	8°43	23°20	0°25	7°16	8°38	19°19	n.a.	M12
T 13	12 16 47	5°13'08	6♍56	14°44	19°46	18° 0	18°23	14°13	8°41	23°22	0°26	7°11	8°35	19°26	n.a.	T 13
W14	12 20 44	6°10'24	19°33	16°48	20°48	18°43	18°37	14°13	8°40	23°24	0°28	7° 6	8°32	19°32	n.a.	W14
T 15	12 24 41	7° 7'40	1♎58	18°51	21°50	19°26	18°50	14°13	8°38	23°25	0°29	7° 2	8°28	19°39	n.a.	T 15
F 16	12 28 37	8° 4'54	14°11	20°51	22°51	20° 8	19° 4	14°12	8°36	23°27	0°30	6°58	8°25	19°45	n.a.	F 16
S 17	12 32 34	9° 2'07	26°14	22°49	23°52	20°51	19°18	14°12	8°34	23°29	0°32	6°56	8°22	19°52	n.a.	S 17
S 18	12 36 30	9°59'20	8♏10	24°44	24°53	21°33	19°31	14°11	8°32	23°30	0°33	6°D56	8°19	19°59	n.a.	S 18
M19	12 40 27	10°56'32	20° 0	26°38	25°53	22°16	19°45	14°10	8°30	23°32	0°34	6°57	8°16	20° 5	n.a.	M19
T 20	12 44 23	11°53'43	1♐47	28°29	26°53	22°58	19°59	14° 9	8°28	23°34	0°36	6°58	8°12	20°12	n.a.	T 20
W21	12 48 20	12°50'54	13°37	0♑17	27°53	23°40	20°12	14° 9	8°25	23°36	0°37	7° 0	8° 9	20°19	n.a.	W21
T 22	12 52 16	13°48'04	25°32	2° 3	28°52	24°22	20°26	14° 8	8°23	23°37	0°39	7° 1	8° 6	20°25	n.a.	T 22
F 23	12 56 13	14°45'14	7♑38	3°46	29°51	25° 5	20°40	14° 6	8°21	23°39	0°40	7° 2	8° 3	20°32	n.a.	F 23
S 24	13 0 10	15°42'23	19°59	5°26	0♊49	25°47	20°53	14° 5	8°19	23°41	0°41	7°R 2	8° 0	20°39	n.a.	S 24
S 25	13 4 6	16°39'32	2♒40	7° 4	1°47	26°29	21° 7	14° 4	8°17	23°43	0°43	7° 1	7°57	20°45	n.a.	S 25
M26	13 8 3	17°36'40	15°44	8°40	2°45	27°11	21°21	14° 2	8°15	23°45	0°44	7° 0	7°53	20°52	n.a.	M26
T 27	13 11 59	18°33'48	29°14	10°12	3°42	27°53	21°35	14° 1	8°12	23°47	0°46	6°58	7°50	20°59	n.a.	T 27
W28	13 15 56	19°30'56	13♓10	11°42	4°39	28°35	21°48	13°59	8°10	23°48	0°47	6°55	7°47	21° 5	n.a.	W28
T 29	13 19 52	20°28'03	27°31	13° 9	5°35	29°16	22° 2	13°58	8° 8	23°50	0°48	6°53	7°44	21°12	n.a.	T 29
F 30	13 23 49	21♈25'10	12♈12	14♉34	6♊31	29♓58	22♈16	13♐56	8♏ 6	23♉52	0♉50	6♏52	7♏41	21♏19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s32	0s49	3n51	5s13	0s47	16n30	2n30	9s 0	0s51	5n32	0s50	22s31	0n27	14s34	0n15	17n49	1s 8	4n48	7s27	14s19	14s51	16s48		n.a.
F 2	2 9	4n 8	2 53	4 12	0 37	16 54	2 33	8 43	0 51	5 37	0 50	22 31	0 27	14 33	0 15	17 49	1 8	4 48	7 27	14 17	14 50	16 49		n.a.
S 3	1 46	8 54	1 42	3 11	0 27	17 18	2 35	8 26	0 51	5 43	0 50	22 31	0 27	14 33	0 15	17 50	1 8	4 49	7 27	14 16	14 49	16 50		n.a.
S 4	1 22	13 9	0 24	2 9	0 16	17 42	2 38	8 8	0 50	5 48	0 49	22 31	0 27	14 32	0 15	17 50	1 8	4 49	7 27	14 16	14 48	16 51		n.a.
M 5	0 59	16 33	0s56	1 6	0 6	18 5	2 40	7 51	0 50	5 54	0 49	22 31	0 27	14 32	0 15	17 51	1 8	4 50	7 27	14 16	14 47	16 52		n.a.
T 6	0 36	18 53	2 11	0 4	0n 5	18 27	2 43	7 34	0 49	5 59	0 49	22 31	0 27	14 31	0 15	17 51	1 8	4 50	7 27	14 16	14 46	16 53		n.a.
W 7	0 13	19 58	3 16	0n59	0 15	18 49	2 45	7 17	0 49	6 4	0 49	22 32	0 27	14 31	0 15	17 51	1 8	4 51	7 27	14 17	14 45	16 54		n.a.
T 8	0n11	19 46	4 9	2 2	0 26	19 11	2 47	6 59	0 49	6 10	0 49	22 32	0 27	14 30	0 15	17 52	1 8	4 52	7 26	14 17	14 44	16 56		n.a.
F 9	0 34	18 24	4 47	3 4	0 36	19 32	2 49	6 42	0 48	6 15	0 49	22 32	0 27	14 30	0 15	17 52	1 8	4 52	7 26	14 17	14 43	16 57		n.a.
S 10	0 57	16 1	5 8	4 6	0 46	19 53	2 51	6 25	0 48	6 20	0 49	22 32	0 27	14 29	0 15	17 53	1 8	4 53	7 26	14 16	14 42	16 58		n.a.
S 11	1 20	12 50	5 11	5 6	0 56	20 13	2 53	6 7	0 47	6 26	0 49	22 32	0 27	14 29	0 15	17 53	1 8	4 53	7 26	14 15	14 41	16 59		n.a.
M12	1 44	9 4	4 59	6 6	1 6	20 33	2 55	5 50	0 47	6 31	0 48	22 32	0 27	14 28	0 15	17 53	1 8	4 54	7 26	14 13	14 40	17 0		n.a.
T 13	2 7	4 57	4 31	7 4	1 15	20 52	2 57	5 33	0 46	6 36	0 48	22 32	0 27	14 27	0 15	17 54	1 8	4 54	7 26	14 11	14 39	17 1		n.a.
W14	2 30	0 41	3 51	8 1	1 23	21 11	2 59	5 15	0 46	6 42	0 48	22 32	0 27	14 27	0 15	17 54	1 8	4 55	7 26	14 10	14 38	17 2		n.a.
T 15	2 53	3s32	3 0	8 56	1 31	21 29	3 0	4 58	0 46	6 47	0 48	22 32	0 27	14 26	0 15	17 55	1 8	4 56	7 26	14 8	14 37	17 3		n.a.
F 16	3 16	7 34	2 2	9 49	1 39	21 47	3 1	4 40	0 45	6 53	0 48	22 32	0 27	14 25	0 15	17 55	1 8	4 56	7 26	14 7	14 36	17 4		n.a.
S 17	3 39	11 14	0 58	10 41	1 46	22 4	3 3	4 23	0 45	6 58	0 48	22 32	0 27	14 25	0 15	17 56	1 8	4 57	7 25	14 6	14 35	17 5		n.a.
S 18	4 2	14 24	0n 7	11 30	1 52	22 21	3 4	4 5	0 44	7 3	0 48	22 32	0 26	14 24	0 15	17 56	1 8	4 57	7 25	14 6	14 34	17 6		n.a.
M19	4 25	16 57	1 11	12 18	1 58	22 37	3 5	3 48	0 44	7 9	0 48	22 32	0 26	14 24	0 15	17 57	1 8	4 58	7 25	14 7	14 33	17 6		n.a.
T 20	4 48	18 46	2 13	13 4	2 3	22 52	3 6	3 30	0 43	7 14	0 48	22 32	0 26	14 23	0 15	17 57	1 8	4 58	7 25	14 7	14 32	17 7		n.a.
W21	5 10	19 47	3 9	13 47	2 7	23 7	3 7	3 13	0 43	7 19	0 47	22 32	0 26	14 22	0 15	17 58	1 8	4 59	7 25	14 8	14 31	17 8		n.a.
T 22	5 33	19 54	3 57	14 28	2 11	23 21	3 7	2 55	0 42	7 25	0 47	22 32	0 26	14 21	0 15	17 58	1 8	5 0	7 25	14 8	14 30	17 9		n.a.
F 23	5 56	19 7	4 35	15 7	2 14	23 35	3 8	2 38	0 42	7 30	0 47	22 31	0 26	14 21	0 15	17 59	1 8	5 0	7 25	14 8	14 29	17 10		n.a.
S 24	6 18	17 25	5 2	15 44	2 16	23 48	3 8	2 20	0 41	7 35	0 47	22 31	0 26	14 20	0 15	17 59	1 8	5 1	7 25	14 8	14 27	17 11		n.a.
S 25	6 41	14 51	5 15	16 19	2 18	24 1	3 9	2 3	0 41	7 41	0 47	22 31	0 26	14 19	0 15	18 0	1 8	5 1	7 25	14 8	14 26	17 12		n.a.
M26	7 3	11 29	5 12	16 51	2 19	24 13	3 9	1 45	0 40	7 46	0 47	22 31	0 26	14 19	0 15	18 0	1 7	5 2	7 25	14 8	14 25	17 13		n.a.
T 27	7 25	7 25	4 53	17 22	2 19	24 24	3 9	1 28	0 40	7 51	0 47	22 31	0 26	14 18	0 15	18 1	1 7	5 2	7 24	14 7	14 24	17 14		n.a.
W28	7 47	2 50	4 15	17 50	2 18	24 35	3 8	1 11	0 39	7 57	0 47	22 31	0 26	14 17	0 15	18 1	1 7	5 3	7 24	14 6	14 23	17 15		n.a.
T 29	8 9	2n 3	3 21	18 16	2 17	24 45	3 8	0 53	0 39	8 2	0 47	22 31	0 26	14 16	0 15	18 2	1 7	5 3	7 24	14 5	14 22	17 16		n.a.
F 30	8n31	6n56	2n12	18n40	2n15	24n55	3n 8	0s36	0s38	8n 7	0s47	22s31	0n26	14s16	0n15	18n 2	1s 7	5n 4	7s24	14s 5	14s21	17s17		n.a.

Julian Day Number = 974577.5, Delta T = 13h21m12s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'41, Lahiri = -32°08'41 Julian Calendar 1 Apr. 2045 BCE == Greg. Calendar 15 March 2045 BCE

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

MAY 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 27 45	22♈22'17	27♈ 7	15♉55	7♊26	0♈40	22♈30	13°R54	8°R 3	23♉54	0♉51	6°R51	7♏38	21♏25	n.a.	S 1
S 2	13 31 42	23°19'23	12♉ 9	17°14	8°21	1°22	22°43	13♐52	8♏ 1	23°56	0°53	6°D51	7°34	21°32	n.a.	S 2
M 3	13 35 39	24°16'29	27° 7	18°30	9°15	2° 3	22°57	13°50	7°59	23°58	0°54	6♏51	7°31	21°39	n.a.	M 3
T 4	13 39 35	25°13'34	11♊56	19°43	10° 9	2°45	23°11	13°48	7°56	24° 0	0°55	6°52	7°28	21°45	n.a.	T 4
W 5	13 43 32	26°10'39	26°28	20°53	11° 2	3°26	23°24	13°46	7°54	24° 2	0°57	6°53	7°25	21°52	n.a.	W 5
T 6	13 47 28	27° 7'43	10♋40	22° 0	11°55	4° 8	23°38	13°44	7°52	24° 4	0°58	6°54	7°22	21°58	n.a.	T 6
F 7	13 51 25	28° 4'46	24°31	23° 4	12°47	4°49	23°52	13°41	7°49	24° 6	1° 0	6°R54	7°18	22° 5	n.a.	F 7
S 8	13 55 21	29° 1'49	8♌ 0	24° 5	13°38	5°31	24° 6	13°39	7°47	24° 8	1° 1	6°54	7°15	22°12	n.a.	S 8
S 9	13 59 18	29°58'52	21° 8	25° 2	14°29	6°12	24°19	13°36	7°44	24°10	1° 3	6°53	7°12	22°18	n.a.	S 9
M10	14 3 15	0♉55'54	3♍58	25°56	15°19	6°53	24°33	13°34	7°42	24°12	1° 4	6°53	7° 9	22°25	n.a.	M10
T 11	14 7 11	1°52'55	16°32	26°46	16° 8	7°34	24°47	13°31	7°40	24°14	1° 5	6°52	7° 6	22°32	n.a.	T 11
W12	14 11 8	2°49'56	28°53	27°33	16°57	8°16	25° 0	13°28	7°37	24°17	1° 7	6°52	7° 3	22°38	n.a.	W12
T 13	14 15 4	3°46'58	11♎ 3	28°17	17°45	8°57	25°14	13°25	7°35	24°19	1° 8	6°51	6°59	22°45	n.a.	T 13
F 14	14 19 1	4°43'59	23° 4	28°56	18°32	9°38	25°28	13°22	7°32	24°21	1°10	6°51	6°56	22°52	n.a.	F 14
S 15	14 22 57	5°41'00	4♏58	29°31	19°18	10°19	25°41	13°19	7°30	24°23	1°11	6°D51	6°53	22°58	n.a.	S 15
S 16	14 26 54	6°38'01	16°49	0♐ 3	20° 3	11° 0	25°55	13°16	7°27	24°25	1°13	6°R51	6°50	23° 5	n.a.	S 16
M17	14 30 50	7°35'02	28°37	0°30	20°48	11°41	26° 8	13°13	7°25	24°27	1°14	6°51	6°47	23°12	n.a.	M17
T 18	14 34 47	8°32'03	10♑25	0°53	21°31	12°21	26°22	13°10	7°23	24°29	1°16	6°51	6°43	23°18	n.a.	T 18
W19	14 38 44	9°29'05	22°17	1°11	22°14	13° 2	26°35	13° 7	7°20	24°31	1°17	6°51	6°40	23°25	n.a.	W19
T 20	14 42 40	10°26'07	4♒15	1°25	22°55	13°43	26°49	13° 3	7°18	24°34	1°18	6°50	6°37	23°32	n.a.	T 20
F 21	14 46 37	11°23'10	16°23	1°34	23°36	14°23	27° 2	13° 0	7°15	24°36	1°20	6°50	6°34	23°38	n.a.	F 21
S 22	14 50 33	12°20'13	28°44	1°R39	24°16	15° 4	27°16	12°56	7°13	24°38	1°21	6°49	6°31	23°45	n.a.	S 22
S 23	14 54 30	13°17'17	11♓23	1°39	24°54	15°45	27°29	12°53	7°10	24°40	1°23	6°D49	6°28	23°52	n.a.	S 23
M24	14 58 26	14°14'21	24°23	1°34	25°31	16°25	27°43	12°49	7° 8	24°42	1°24	6°49	6°24	23°58	n.a.	M24
T 25	15 2 23	15°11'26	7♈46	1°25	26° 8	17° 6	27°56	12°46	7° 6	24°45	1°25	6°50	6°21	24° 5	n.a.	T 25
W26	15 6 20	16° 8'31	21°36	1°11	26°43	17°46	28° 9	12°42	7° 3	24°47	1°27	6°50	6°18	24°11	n.a.	W26
T 27	15 10 16	17° 5'37	5♈52	0°52	27°16	18°26	28°23	12°38	7° 1	24°49	1°28	6°51	6°15	24°18	n.a.	T 27
F 28	15 14 13	18° 2'44	20°31	0°30	27°49	19° 7	28°36	12°34	6°58	24°51	1°30	6°52	6°12	24°25	n.a.	F 28
S 29	15 18 9	18°59'52	5♉29	0° 3	28°20	19°47	28°49	12°30	6°56	24°53	1°31	6°R52	6° 9	24°31	n.a.	S 29
S 30	15 22 6	19°57'00	20°38	29♉33	28°49	20°27	29° 3	12°26	6°54	24°56	1°32	6°52	6° 5	24°38	n.a.	S 30
M31	15 26 2	20♉54'09	5♊49	28♉59	29♊17	21♈ 7	29♈16	12♐22	6♏51	24♉58	1♉34	6♏51	6♏ 2	24♏45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n53	11n29	0n54	19n 2	2n12	25n 4	3n 7	0s18	0s38	8n13	0s46	22s30	0n26	14s15	0n15	18n 3	1s 7	5n 5	7s24	14s 5	14s20	17s18		n.a.
S 2	9 14	15 20	0s29	19 22	2 8	25 12	3 6	0 1	0 37	8 18	0 46	22 30	0 26	14 14	0 15	18 3	1 7	5 5	7 24	14 5	14 19	17 19		n.a.
M 3	9 36	18 8	1 50	19 40	2 4	25 20	3 5	0n16	0 37	8 23	0 46	22 30	0 26	14 13	0 15	18 4	1 7	5 6	7 24	14 5	14 18	17 20		n.a.
T 4	9 57	19 40	3 3	19 56	1 59	25 27	3 4	0 34	0 36	8 28	0 46	22 30	0 26	14 13	0 15	18 4	1 7	5 6	7 24	14 5	14 17	17 21		n.a.
W 5	10 18	19 51	4 2	20 10	1 54	25 34	3 3	0 51	0 36	8 34	0 46	22 30	0 26	14 12	0 15	18 5	1 7	5 7	7 24	14 5	14 16	17 22		n.a.
T 6	10 39	18 45	4 45	20 22	1 47	25 40	3 1	1 8	0 35	8 39	0 46	22 29	0 26	14 11	0 15	18 5	1 7	5 7	7 24	14 6	14 15	17 23		n.a.
F 7	11 0	16 34	5 10	20 32	1 40	25 45	2 59	1 26	0 35	8 44	0 46	22 29	0 25	14 10	0 15	18 6	1 7	5 8	7 24	14 6	14 14	17 23		n.a.
S 8	11 21	13 32	5 17	20 40	1 33	25 50	2 58	1 43	0 34	8 49	0 46	22 29	0 25	14 10	0 14	18 6	1 7	5 8	7 24	14 6	14 13	17 24		n.a.
S 9	11 42	9 53	5 8	20 47	1 24	25 54	2 55	2 0	0 34	8 54	0 46	22 29	0 25	14 9	0 14	18 7	1 7	5 9	7 24	14 5	14 12	17 25		n.a.
M10	12 2	5 52	4 43	20 51	1 15	25 58	2 53	2 17	0 33	9 0	0 46	22 28	0 25	14 8	0 14	18 7	1 7	5 10	7 24	14 5	14 11	17 26		n.a.
T 11	12 22	1 40	4 5	20 54	1 6	26 1	2 51	2 34	0 32	9 5	0 46	22 28	0 25	14 7	0 14	18 8	1 7	5 10	7 24	14 5	14 10	17 27		n.a.
W12	12 42	2s32	3 16	20 55	0 56	26 3	2 48	2 51	0 32	9 10	0 46	22 28	0 25	14 6	0 14	18 9	1 7	5 11	7 24	14 5	14 8	17 28		n.a.
T 13	13 2	6 34	2 19	20 54	0 45	26 5	2 45	3 8	0 31	9 15	0 45	22 28	0 25	14 6	0 14	18 9	1 7	5 11	7 23	14 5	14 7	17 29		n.a.
F 14	13 22	10 19	1 16	20 52	0 33	26 6	2 42	3 25	0 31	9 20	0 45	22 27	0 25	14 5	0 14	18 10	1 7	5 12	7 23	14 5	14 6	17 30		n.a.
S 15	13 41	13 36	0 10	20 48	0 21	26 7	2 38	3 42	0 30	9 25	0 45	22 27	0 25	14 4	0 14	18 10	1 7	5 12	7 23	14 5	14 5	17 31		n.a.
S 16	14 0	16 19	0n55	20 42	0 8	26 7	2 35	3 59	0 30	9 30	0 45	22 27	0 25	14 3	0 14	18 11	1 7	5 13	7 23	14 5	14 4	17 32		n.a.
M17	14 19	18 20	1 58	20 35	0s 5	26 7	2 31	4 16	0 29	9 36	0 45	22 26	0 25	14 2	0 14	18 11	1 7	5 13	7 23	14 5	14 3	17 32		n.a.
T 18	14 38	19 34	2 56	20 27	0 19	26 6	2 27	4 32	0 29	9 41	0 45	22 26	0 25	14 2	0 14	18 12	1 7	5 14	7 23	14 5	14 2	17 33		n.a.
W19	14 57	19 55	3 47	20 17	0 33	26 4	2 23	4 49	0 28	9 46	0 45	22 26	0 25	14 1	0 14	18 12	1 7	5 14	7 23	14 5	14 1	17 34		n.a.
T 20	15 15	19 24	4 28	20 5	0 47	26 2	2 18	5 6	0 27	9 51	0 45	22 25	0 25	14 0	0 14	18 13	1 7	5 15	7 23	14 4	14 0	17 35		n.a.
F 21	15 33	17 58	4 58	19 53	1 2	25 59	2 13	5 22	0 27	9 56	0 45	22 25	0 25	13 59	0 14	18 13	1 7	5 15	7 23	14 4	13 59	17 36		n.a.
S 22	15 51	15 42	5 15	19 39	1 18	25 56	2 8	5 39	0 26	10 1	0 45	22 24	0 25	13 58	0 14	18 14	1 7	5 16	7 23	14 4	13 58	17 37		n.a.
S 23	16 9	12 39	5 17	19 24	1 33	25 52	2 3	5 55	0 26	10 6	0 45	22 24	0 24	13 58	0 14	18 15	1 7	5 16	7 23	14 4	13 57	17 38		n.a.
M24	16 26	8 55	5 3	19 8	1 48	25 48	1 57	6 12	0 25	10 11	0 45	22 24	0 24	13 57	0 14	18 15	1 7	5 17	7 23	14 4	13 56	17 38		n.a.
T 25	16 43	4 37	4 33	18 50	2 4	25 43	1 51	6 28	0 25	10 16	0 45	22 23	0 24	13 56	0 14	18 16	1 7	5 17	7 23	14 4	13 55	17 39		n.a.
W26	17 0	0n 3	3 46	18 33	2 19	25 38	1 45	6 44	0 24	10 20	0 45	22 23	0 24	13 55	0 14	18 16	1 7	5 18	7 23	14 4	13 54	17 40		n.a.
T 27	17 17	4 52	2 44	18 14	2 34	25 32	1 38	7 1	0 23	10 25	0 45	22 22	0 24	13 54	0 14	18 17	1 7	5 18	7 23	14 5	13 53	17 41		n.a.
F 28	17 33	9 33	1 30	17 55	2 49	25 26	1 31	7 17	0 23	10 30	0 45	22 22	0 24	13 54	0 14	18 17	1 7	5 19	7 23	14 5	13 51	17 42		n.a.
S 29	17 49	13 44	0 8	17 35	3 3	25 19	1 24	7 33	0 22	10 35	0 44	22 22	0 24	13 53	0 14	18 18	1 7	5 19	7 23	14 5	13 50	17 43		n.a.
S 30	18 5	17 4	1s16	17 16	3 17	25 12	1 17	7 49	0 22	10 40	0 44	22 21	0 24	13 52	0 14	18 19	1 7	5 20	7 23	14 5	13 49	17 43		n.a.
M31	18n21	19n12	2s34	16n56	3s30	25n 4	1n 9	8n 5	0s21	10n45	0s44	22s21	0n24	13s51	0n14	18n19	1s 7	5n20	7s23	14s 5	13s48	17s44		n.a.

Julian Day Number = 974607.5, Delta T = 13h21m10s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'37, Lahiri = -32°08'37 Julian Calendar 1 May 2045 BCE == Greg. Calendar 14 Apr. 2045 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

JUNE 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 29 59	21♉51'18	20♊53	28°R23	29♊44	21♈47	29♈29	12°R18	6°R49	25♉ 0	1♉35	6°R50	5♏59	24♏51	n.a.	T 1
W 2	15 33 56	22°48'28	5♋41	27♉45	0♋ 9	22°27	29°42	12♐14	6♏47	25° 2	1°36	6♏48	5°56	24°58	n.a.	W 2
T 3	15 37 52	23°45'38	20° 6	27° 5	0°32	23° 7	29°55	12°10	6°45	25° 5	1°38	6°46	5°53	25° 5	n.a.	T 3
F 4	15 41 49	24°42'49	4♌ 6	26°24	0°54	23°47	0♉ 8	12° 6	6°42	25° 7	1°39	6°44	5°49	25°11	n.a.	F 4
S 5	15 45 45	25°40'00	17°38	25°43	1°14	24°27	0°21	12° 2	6°40	25° 9	1°40	6°43	5°46	25°18	n.a.	S 5
S 6	15 49 42	26°37'11	0♍46	25° 2	1°32	25° 7	0°34	11°58	6°38	25°11	1°42	6°D43	5°43	25°25	n.a.	S 6
M 7	15 53 38	27°34'23	13°31	24°23	1°48	25°47	0°47	11°53	6°36	25°13	1°43	6°44	5°40	25°31	n.a.	M 7
T 8	15 57 35	28°31'36	25°57	23°46	2° 2	26°26	1° 0	11°49	6°33	25°16	1°44	6°45	5°37	25°38	n.a.	T 8
W 9	16 1 31	29°28'49	8♎ 8	23°11	2°14	27° 6	1°13	11°45	6°31	25°18	1°46	6°47	5°34	25°45	n.a.	W 9
T 10	16 5 28	0♊26'03	20° 8	22°40	2°24	27°46	1°26	11°41	6°29	25°20	1°47	6°48	5°30	25°51	n.a.	T 10
F 11	16 9 25	1°23'18	2♏ 1	22°12	2°32	28°25	1°38	11°36	6°27	25°22	1°48	6°R49	5°27	25°58	n.a.	F 11
S 12	16 13 21	2°20'33	13°50	21°49	2°38	29° 5	1°51	11°32	6°25	25°25	1°50	6°49	5°24	26° 5	n.a.	S 12
S 13	16 17 18	3°17'50	25°38	21°31	2°41	29°44	2° 4	11°27	6°23	25°27	1°51	6°48	5°21	26°11	n.a.	S 13
M14	16 21 14	4°15'07	7♐27	21°18	2°R42	0♑24	2°16	11°23	6°21	25°29	1°52	6°45	5°18	26°18	n.a.	M14
T 15	16 25 11	5°12'26	19°20	21°11	2°41	1° 3	2°29	11°19	6°19	25°31	1°53	6°41	5°15	26°25	n.a.	T 15
W16	16 29 7	6° 9'46	1♑18	21°D10	2°38	1°42	2°41	11°14	6°17	25°33	1°55	6°36	5°11	26°31	n.a.	W16
T 17	16 33 4	7° 7'07	13°23	21°15	2°32	2°21	2°54	11°10	6°15	25°36	1°56	6°31	5° 8	26°38	n.a.	T 17
F 18	16 37 1	8° 4'29	25°38	21°27	2°24	3° 1	3° 6	11° 5	6°13	25°38	1°57	6°26	5° 5	26°45	n.a.	F 18
S 19	16 40 57	9° 1'53	8♒ 4	21°45	2°14	3°40	3°19	11° 1	6°11	25°40	1°58	6°22	5° 2	26°51	n.a.	S 19
S 20	16 44 54	9°59'18	20°45	22° 9	2° 1	4°19	3°31	10°56	6° 9	25°42	1°59	6°19	4°59	26°58	n.a.	S 20
M21	16 48 50	10°56'44	3♓44	22°40	1°46	4°58	3°43	10°52	6° 7	25°44	2° 0	6°17	4°55	27° 5	n.a.	M21
T 22	16 52 47	11°54'12	17° 2	23°18	1°28	5°37	3°55	10°47	6° 5	25°46	2° 2	6°D17	4°52	27°11	n.a.	T 22
W23	16 56 43	12°51'42	0♈42	24° 1	1° 9	6°16	4° 7	10°43	6° 3	25°49	2° 3	6°18	4°49	27°18	n.a.	W23
T 24	17 0 40	13°49'13	14°46	24°52	0°47	6°55	4°19	10°38	6° 2	25°51	2° 4	6°20	4°46	27°24	n.a.	T 24
F 25	17 4 36	14°46'46	29°12	25°48	0°23	7°33	4°31	10°34	6° 0	25°53	2° 5	6°R21	4°43	27°31	n.a.	F 25
S 26	17 8 33	15°44'21	13♉59	26°51	29♊57	8°12	4°43	10°29	5°58	25°55	2° 6	6°21	4°40	27°38	n.a.	S 26
S 27	17 12 30	16°41'57	29° 1	27°59	29°29	8°51	4°55	10°25	5°57	25°57	2° 7	6°19	4°36	27°44	n.a.	S 27
M28	17 16 26	17°39'35	14♊10	29°13	29° 0	9°30	5° 7	10°20	5°55	25°59	2° 8	6°15	4°33	27°51	n.a.	M28
T 29	17 20 23	18°37'14	29°17	0♊33	28°28	10° 8	5°18	10°16	5°53	26° 1	2° 9	6°10	4°30	27°58	n.a.	T 29
W30	17 24 19	19♊34'55	14♋11	1♊58	27♊56	10♉47	5♉30	10♐11	5♏52	26♉ 3	2♉10	6♏ 4	4♏27	28♏ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	18n36	19n56	3s40	16n37	3s41	24n56	1n 1	8n21	0s20	10n50	0s44	22s20	0n24	13s51	0n14	18n20	1s 7	5n21	7s23	14s 4	13s47	17s45			n.a.
W 2	18 51	19 17	4 31	16 18	3 52	24 48	0 52	8 36	0 20	10 54	0 44	22 20	0 24	13 50	0 14	18 20	1 7	5 21	7 23	14 4	13 46	17 46			n.a.
T 3	19 6	17 23	5 3	15 59	4 1	24 39	0 44	8 52	0 19	10 59	0 44	22 19	0 24	13 49	0 14	18 21	1 7	5 22	7 23	14 3	13 45	17 47			n.a.
F 4	19 20	14 31	5 16	15 42	4 9	24 30	0 34	9 8	0 19	11 4	0 44	22 19	0 24	13 48	0 14	18 21	1 7	5 22	7 23	14 2	13 44	17 48			n.a.
S 5	19 34	10 56	5 11	15 26	4 16	24 20	0 25	9 23	0 18	11 8	0 44	22 18	0 23	13 48	0 14	18 22	1 7	5 22	7 23	14 2	13 43	17 48			n.a.
S 6	19 48	6 56	4 49	15 12	4 21	24 10	0 15	9 39	0 17	11 13	0 44	22 18	0 23	13 47	0 14	18 22	1 7	5 23	7 23	14 2	13 42	17 49			n.a.
M 7	20 1	2 43	4 14	14 59	4 24	24 0	0 5	9 54	0 17	11 18	0 44	22 17	0 23	13 46	0 14	18 23	1 7	5 23	7 23	14 2	13 41	17 50			n.a.
T 8	20 14	1s31	3 27	14 48	4 26	23 49	0s 5	10 9	0 16	11 22	0 44	22 17	0 23	13 45	0 14	18 24	1 7	5 24	7 23	14 3	13 40	17 51			n.a.
W 9	20 27	5 36	2 32	14 39	4 26	23 38	0 16	10 24	0 15	11 27	0 44	22 16	0 23	13 45	0 14	18 24	1 7	5 24	7 23	14 3	13 39	17 52			n.a.
T 10	20 39	9 25	1 31	14 33	4 25	23 27	0 27	10 40	0 15	11 32	0 44	22 16	0 23	13 44	0 14	18 25	1 7	5 25	7 23	14 4	13 37	17 52			n.a.
F 11	20 51	12 50	0 26	14 29	4 22	23 15	0 39	10 55	0 14	11 36	0 44	22 15	0 23	13 43	0 14	18 25	1 7	5 25	7 23	14 4	13 36	17 53			n.a.
S 12	21 3	15 42	0n39	14 27	4 17	23 3	0 51	11 9	0 14	11 41	0 44	22 15	0 23	13 43	0 14	18 26	1 7	5 25	7 23	14 4	13 35	17 54			n.a.
S 13	21 15	17 55	1 42	14 28	4 11	22 51	1 3	11 24	0 13	11 45	0 44	22 14	0 23	13 42	0 14	18 26	1 7	5 26	7 23	14 3	13 34	17 55			n.a.
M14	21 26	19 22	2 40	14 32	4 4	22 39	1 15	11 39	0 12	11 49	0 44	22 14	0 23	13 41	0 14	18 27	1 7	5 26	7 24	14 3	13 33	17 55			n.a.
T 15	21 36	19 57	3 33	14 39	3 55	22 26	1 28	11 54	0 12	11 54	0 44	22 13	0 23	13 41	0 14	18 27	1 7	5 27	7 24	14 1	13 32	17 56			n.a.
W16	21 46	19 40	4 16	14 48	3 45	22 13	1 41	12 8	0 11	11 58	0 44	22 13	0 23	13 40	0 14	18 28	1 7	5 27	7 24	14 0	13 31	17 57			n.a.
T 17	21 56	18 28	4 48	14 59	3 35	22 0	1 54	12 22	0 10	12 3	0 44	22 12	0 22	13 39	0 14	18 28	1 7	5 27	7 24	13 58	13 30	17 58			n.a.
F 18	22 6	16 25	5 7	15 14	3 23	21 47	2 8	12 37	0 10	12 7	0 44	22 12	0 22	13 39	0 14	18 29	1 7	5 28	7 24	13 56	13 29	17 58			n.a.
S 19	22 15	13 36	5 12	15 30	3 11	21 33	2 21	12 51	0 9	12 11	0 44	22 11	0 22	13 38	0 14	18 29	1 7	5 28	7 24	13 55	13 28	17 59			n.a.
S 20	22 24	10 5	5 3	15 49	2 58	21 19	2 35	13 5	0 8	12 16	0 44	22 10	0 22	13 37	0 14	18 30	1 7	5 28	7 24	13 54	13 27	18 0			n.a.
M21	22 32	6 2	4 37	16 10	2 44	21 5	2 49	13 19	0 8	12 20	0 43	22 10	0 22	13 37	0 14	18 31	1 7	5 29	7 24	13 53	13 26	18 1			n.a.
T 22	22 40	1 36	3 57	16 33	2 30	20 52	3 4	13 33	0 7	12 24	0 43	22 9	0 22	13 36	0 14	18 31	1 7	5 29	7 24	13 53	13 24	18 1			n.a.
W23	22 48	3n 4	3 2	16 58	2 16	20 37	3 18	13 47	0 6	12 28	0 43	22 9	0 22	13 36	0 14	18 32	1 7	5 29	7 24	13 54	13 23	18 2			n.a.
T 24	22 55	7 41	1 55	17 25	2 1	20 23	3 32	14 0	0 6	12 32	0 43	22 8	0 22	13 35	0 14	18 32	1 7	5 30	7 24	13 54	13 22	18 3			n.a.
F 25	23 2	12 1	0 39	17 53	1 46	20 9	3 46	14 14	0 5	12 36	0 43	22 8	0 22	13 34	0 14	18 33	1 7	5 30	7 24	13 54	13 21	18 4			n.a.
S 26	23 9	15 42	0s42	18 22	1 31	19 55	4 0	14 27	0 4	12 41	0 43	22 7	0 22	13 34	0 14	18 33	1 7	5 30	7 24	13 54	13 20	18 4			n.a.
S 27	23 15	18 24	2 0	18 52	1 17	19 41	4 15	14 41	0 4	12 45	0 43	22 7	0 21	13 33	0 14	18 34	1 7	5 31	7 24	13 54	13 19	18 5			n.a.
M28	23 20	19 48	3 11	19 23	1 2	19 27	4 28	14 54	0 3	12 49	0 43	22 6	0 21	13 33	0 14	18 34	1 7	5 31	7 24	13 53	13 18	18 6			n.a.
T 29	23 26	19 48	4 8	19 54	0 48	19 13	4 42	15 7	0 2	12 53	0 43	22 5	0 21	13 32	0 14	18 35	1 7	5 31	7 24	13 51	13 17	18 7			n.a.
W30	23n30	18n24	4s47	20n26	0s34	18n59	4s55	15n20	0s 2	12n57	0s43	22s 5	0n21	13s32	0n14	18n35	1s 7	5n32	7s24	13s49	13s16	18s 7			n.a.

Julian Day Number = 974638.5, Delta T = 13h21m08s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'33, Lahiri = -32°08'33 Julian Calendar 1 June 2045 BCE == Greg. Calendar 15 May 2045 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

JULY 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 28 16	20♊32'37	28♋45	3♊28	27°R22	11♉25	5♉41	10°R 7	5°R50	26♉ 6	2♉11	5°R57	4♏24	28♏11	n.a.	T 1
F 2	17 32 12	21°30'21	12♌53	5° 2	26♊47	12° 4	5°53	10♐ 3	5♏49	26° 8	2°12	5♏51	4°21	28°18	n.a.	F 2
S 3	17 36 9	22°28'05	26°32	6°41	26°12	12°42	6° 4	9°58	5°47	26°10	2°13	5°46	4°17	28°24	n.a.	S 3
S 4	17 40 5	23°25'51	9♍43	8°23	25°35	13°20	6°15	9°54	5°46	26°12	2°14	5°44	4°14	28°31	n.a.	S 4
M 5	17 44 2	24°23'39	22°28	10° 9	24°59	13°59	6°27	9°50	5°45	26°14	2°15	5°D43	4°11	28°38	n.a.	M 5
T 6	17 47 59	25°21'27	4♎53	11°58	24°22	14°37	6°38	9°46	5°43	26°16	2°16	5°43	4° 8	28°44	n.a.	T 6
W 7	17 51 55	26°19'17	17° 0	13°50	23°45	15°15	6°49	9°41	5°42	26°18	2°17	5°44	4° 5	28°51	n.a.	W 7
T 8	17 55 52	27°17'09	28°56	15°43	23° 8	15°53	7° 0	9°37	5°41	26°20	2°18	5°45	4° 1	28°58	n.a.	T 8
F 9	17 59 48	28°15'02	10♏46	17°39	22°33	16°31	7°11	9°33	5°40	26°22	2°19	5°R45	3°58	29° 4	n.a.	F 9
S 10	18 3 45	29°12'57	22°33	19°35	21°57	17° 9	7°21	9°29	5°39	26°24	2°20	5°44	3°55	29°11	n.a.	S 10
S 11	18 7 41	0♋10'53	4♐22	21°33	21°23	17°47	7°32	9°25	5°38	26°25	2°21	5°40	3°52	29°18	n.a.	S 11
M12	18 11 38	1° 8'51	16°16	23°32	20°51	18°25	7°43	9°21	5°37	26°27	2°22	5°34	3°49	29°24	n.a.	M12
T 13	18 15 34	2° 6'51	28°16	25°31	20°19	19° 3	7°53	9°17	5°36	26°29	2°22	5°25	3°46	29°31	n.a.	T 13
W14	18 19 31	3° 4'52	10♑24	27°30	19°49	19°41	8° 3	9°13	5°35	26°31	2°23	5°15	3°42	29°38	n.a.	W14
T 15	18 23 28	4° 2'56	22°41	29°28	19°21	20°18	8°14	9° 9	5°34	26°33	2°24	5° 4	3°39	29°44	n.a.	T 15
F 16	18 27 24	5° 1'01	5♒ 9	1♋27	18°55	20°56	8°24	9° 5	5°33	26°35	2°25	4°54	3°36	29°51	n.a.	F 16
S 17	18 31 21	5°59'08	17°48	3°25	18°31	21°33	8°34	9° 2	5°32	26°37	2°25	4°44	3°33	29°58	n.a.	S 17
S 18	18 35 17	6°57'18	0♓39	5°22	18° 9	22°11	8°44	8°58	5°31	26°38	2°26	4°37	3°30	0♐ 4	n.a.	S 18
M19	18 39 14	7°55'29	13°43	7°19	17°49	22°49	8°54	8°54	5°31	26°40	2°27	4°32	3°27	0°11	n.a.	M19
T 20	18 43 10	8°53'43	27° 2	9°14	17°32	23°26	9° 4	8°51	5°30	26°42	2°28	4°30	3°23	0°18	n.a.	T 20
W21	18 47 7	9°51'59	10♈38	11° 9	17°16	24° 3	9°13	8°47	5°29	26°44	2°28	4°D29	3°20	0°24	n.a.	W21
T 22	18 51 3	10°50'17	24°31	13° 3	17° 4	24°41	9°23	8°44	5°29	26°46	2°29	4°29	3°17	0°31	n.a.	T 22
F 23	18 55 0	11°48'38	8♉43	14°56	16°53	25°18	9°32	8°40	5°28	26°47	2°30	4°R29	3°14	0°38	n.a.	F 23
S 24	18 58 57	12°47'01	23°12	16°47	16°45	25°55	9°42	8°37	5°28	26°49	2°30	4°28	3°11	0°44	n.a.	S 24
S 25	19 2 53	13°45'26	7♊55	18°38	16°40	26°32	9°51	8°34	5°27	26°51	2°31	4°25	3° 7	0°51	n.a.	S 25
M26	19 6 50	14°43'53	22°48	20°27	16°37	27° 9	10° 0	8°30	5°27	26°52	2°31	4°18	3° 4	0°58	n.a.	M26
T 27	19 10 46	15°42'23	7♋41	22°15	16°D36	27°46	10° 9	8°27	5°27	26°54	2°32	4°10	3° 1	1° 4	n.a.	T 27
W28	19 14 43	16°40'55	22°27	24° 2	16°38	28°23	10°18	8°24	5°26	26°55	2°32	3°59	2°58	1°11	n.a.	W28
T 29	19 18 39	17°39'29	6♌57	25°48	16°41	29° 0	10°27	8°21	5°26	26°57	2°33	3°48	2°55	1°18	n.a.	T 29
F 30	19 22 36	18°38'05	21° 5	27°33	16°48	29°37	10°35	8°18	5°26	26°58	2°33	3°38	2°52	1°24	n.a.	F 30
S 31	19 26 32	19♋36'42	4♍46	29♋17	16♊56	0♊14	10♉44	8♐16	5♏26	27♉ 0	2♉34	3♏29	2♏48	1♐31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n35	15n50	5s 7	20n57	0s20	18n46	5s 8	15n33	0s 1	13n 0	0s43	22s 4	0n21	13s31	0n14	18n36	1s 7	5n32	7s25	13s46	13s15	18s 8			n.a.
F 2	23 39	12 23	5 7	21 28	0 7	18 33	5 21	15 46	0 0	13 4	0 43	22 4	0 21	13 31	0 14	18 36	1 7	5 32	7 25	13 44	13 14	18 9			n.a.
S 3	23 42	8 24	4 49	21 58	0n 6	18 20	5 33	15 58	0n 0	13 8	0 43	22 3	0 21	13 30	0 14	18 37	1 7	5 32	7 25	13 43	13 12	18 9			n.a.
S 4	23 46	4 8	4 17	22 27	0 18	18 7	5 44	16 11	0 1	13 12	0 43	22 3	0 21	13 30	0 14	18 37	1 7	5 33	7 25	13 42	13 11	18 10			n.a.
M 5	23 48	0s12	3 32	22 55	0 30	17 55	5 55	16 23	0 2	13 16	0 43	22 2	0 21	13 29	0 14	18 37	1 7	5 33	7 25	13 42	13 10	18 11			n.a.
T 6	23 51	4 24	2 39	23 21	0 40	17 43	6 5	16 35	0 2	13 19	0 43	22 2	0 21	13 29	0 14	18 38	1 7	5 33	7 25	13 42	13 9	18 11			n.a.
W 7	23 52	8 20	1 40	23 45	0 50	17 32	6 15	16 47	0 3	13 23	0 43	22 1	0 20	13 29	0 14	18 38	1 7	5 33	7 25	13 42	13 8	18 12			n.a.
T 8	23 54	11 53	0 37	24 8	0 59	17 21	6 24	16 59	0 4	13 27	0 43	22 1	0 20	13 28	0 14	18 39	1 7	5 34	7 25	13 42	13 7	18 13			n.a.
F 9	23 55	14 56	0n27	24 28	1 8	17 11	6 32	17 11	0 4	13 30	0 43	22 0	0 20	13 28	0 14	18 39	1 7	5 34	7 25	13 42	13 6	18 14			n.a.
S 10	23 55	17 21	1 29	24 46	1 15	17 2	6 40	17 23	0 5	13 34	0 43	22 0	0 20	13 27	0 14	18 40	1 7	5 34	7 25	13 42	13 5	18 14			n.a.
S 11	23 56	19 2	2 28	25 1	1 22	16 53	6 46	17 34	0 6	13 38	0 43	21 59	0 20	13 27	0 14	18 40	1 7	5 34	7 25	13 41	13 4	18 15			n.a.
M12	23 55	19 53	3 20	25 14	1 28	16 45	6 52	17 46	0 7	13 41	0 43	21 58	0 20	13 27	0 14	18 41	1 7	5 34	7 25	13 39	13 3	18 16			n.a.
T 13	23 55	19 51	4 3	25 24	1 33	16 38	6 57	17 57	0 7	13 45	0 43	21 58	0 20	13 26	0 14	18 41	1 7	5 35	7 26	13 36	13 1	18 16			n.a.
W14	23 53	18 55	4 37	25 32	1 37	16 31	7 2	18 8	0 8	13 48	0 43	21 57	0 20	13 26	0 14	18 42	1 7	5 35	7 26	13 32	13 0	18 17			n.a.
T 15	23 52	17 5	4 57	25 37	1 41	16 25	7 5	18 19	0 9	13 51	0 43	21 57	0 20	13 26	0 13	18 42	1 7	5 35	7 26	13 29	12 59	18 18			n.a.
F 16	23 50	14 27	5 4	25 39	1 44	16 21	7 8	18 30	0 10	13 55	0 43	21 56	0 19	13 26	0 13	18 42	1 7	5 35	7 26	13 25	12 58	18 18			n.a.
S 17	23 47	11 6	4 56	25 39	1 46	16 16	7 10	18 41	0 10	13 58	0 43	21 56	0 19	13 25	0 13	18 43	1 7	5 35	7 26	13 22	12 57	18 19			n.a.
S 18	23 44	7 12	4 34	25 36	1 47	16 13	7 12	18 52	0 11	14 1	0 43	21 56	0 19	13 25	0 13	18 43	1 7	5 35	7 26	13 19	12 56	18 19			n.a.
M19	23 41	2 54	3 56	25 31	1 48	16 11	7 12	19 2	0 12	14 5	0 43	21 55	0 19	13 25	0 13	18 44	1 7	5 36	7 26	13 18	12 55	18 20			n.a.
T 20	23 37	1n38	3 6	25 24	1 48	16 9	7 12	19 13	0 12	14 8	0 43	21 55	0 19	13 25	0 13	18 44	1 7	5 36	7 26	13 17	12 54	18 21			n.a.
W21	23 33	6 11	2 4	25 14	1 48	16 8	7 12	19 23	0 13	14 11	0 43	21 54	0 19	13 24	0 13	18 44	1 7	5 36	7 26	13 16	12 53	18 21			n.a.
T 22	23 28	10 30	0 53	25 3	1 47	16 8	7 11	19 33	0 14	14 14	0 43	21 54	0 19	13 24	0 13	18 45	1 7	5 36	7 27	13 17	12 52	18 22			n.a.
F 23	23 23	14 20	0s22	24 49	1 45	16 9	7 9	19 43	0 15	14 17	0 43	21 53	0 19	13 24	0 13	18 45	1 7	5 36	7 27	13 17	12 50	18 23			n.a.
S 24	23 18	17 22	1 38	24 34	1 43	16 10	7 7	19 53	0 15	14 20	0 43	21 53	0 19	13 24	0 13	18 46	1 7	5 36	7 27	13 16	12 49	18 23			n.a.
S 25	23 12	19 19	2 48	24 16	1 41	16 12	7 4	20 2	0 16	14 23	0 43	21 52	0 18	13 24	0 13	18 46	1 7	5 36	7 27	13 15	12 48	18 24			n.a.
M26	23 6	19 57	3 47	23 57	1 38	16 15	7 1	20 12	0 17	14 26	0 43	21 52	0 18	13 24	0 13	18 46	1 7	5 36	7 27	13 13	12 47	18 25			n.a.
T 27	22 59	19 12	4 31	23 36	1 35	16 19	6 58	20 21	0 18	14 29	0 43	21 52	0 18	13 24	0 13	18 47	1 7	5 36	7 27	13 10	12 46	18 25			n.a.
W28	22 52	17 9	4 56	23 14	1 31	16 23	6 54	20 30	0 18	14 32	0 43	21 51	0 18	13 24	0 13	18 47	1 7	5 37	7 27	13 6	12 45	18 26			n.a.
T 29	22 44	14 3	5 2	22 50	1 27	16 27	6 49	20 39	0 19	14 34	0 43	21 51	0 18	13 24	0 13	18 47	1 7	5 37	7 27	13 2	12 44	18 26			n.a.
F 30	22 36	10 13	4 48	22 26	1 23	16 33	6 45	20 48	0 20	14 37	0 43	21 51	0 18	13 24	0 13	18 48	1 7	5 37	7 27	12 59	12 43	18 27			n.a.
S 31	22n28	5n57	4s19	21n59	1n18	16n38	6s40	20n57	0n21	14n40	0s43	21s50	0n18	13s24	0n13	18n48	1s 7	5n37	7s28	12s56	12s42	18s28			n.a.

Julian Day Number = 974668.5, Delta T = 13h21m05s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'29, Lahiri = -32°08'29 Julian Calendar 1 July 2045 BCE == Greg. Calendar 14 June 2045 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

AUGUST 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 30 29	20♋35'22	18♍ 0	1♌ 0	17♊ 6	0♊50	10♉52	8°R13	5°R26	27♉ 1	2♉34	3°R23	2♏45	1♐38	n.a.	S 1
M 2	19 34 25	21°34'03	0♎48	2°42	17°19	1°27	11° 0	8♐10	5°D26	27° 3	2°35	3♏19	2°42	1°44	n.a.	M 2
T 3	19 38 22	22°32'46	13°14	4°22	17°33	2° 4	11° 8	8° 8	5♏26	27° 4	2°35	3°18	2°39	1°51	n.a.	T 3
W 4	19 42 19	23°31'32	25°22	6° 2	17°50	2°40	11°16	8° 5	5°26	27° 6	2°35	3°D17	2°36	1°58	n.a.	W 4
T 5	19 46 15	24°30'19	7♏18	7°40	18° 8	3°17	11°24	8° 3	5°26	27° 7	2°36	3°R17	2°32	2° 4	n.a.	T 5
F 6	19 50 12	25°29'08	19° 8	9°18	18°29	3°53	11°32	8° 0	5°26	27° 9	2°36	3°17	2°29	2°11	n.a.	F 6
S 7	19 54 8	26°27'59	0♐56	10°55	18°51	4°29	11°39	7°58	5°26	27°10	2°36	3°14	2°26	2°18	n.a.	S 7
S 8	19 58 5	27°26'52	12°47	12°30	19°15	5° 5	11°47	7°56	5°27	27°11	2°37	3° 9	2°23	2°24	n.a.	S 8
M 9	20 2 1	28°25'47	24°46	14° 5	19°41	5°42	11°54	7°54	5°27	27°12	2°37	3° 1	2°20	2°31	n.a.	M 9
T 10	20 5 58	29°24'44	6♑54	15°39	20° 8	6°18	12° 1	7°52	5°27	27°14	2°37	2°50	2°17	2°38	n.a.	T 10
W11	20 9 54	0♒23'43	19°14	17°11	20°37	6°54	12° 8	7°50	5°28	27°15	2°37	2°38	2°13	2°44	n.a.	W11
T 12	20 13 51	1°22'45	1♓48	18°43	21° 7	7°30	12°15	7°48	5°28	27°16	2°38	2°24	2°10	2°51	n.a.	T 12
F 13	20 17 47	2°21'48	14°33	20°14	21°39	8° 6	12°22	7°47	5°29	27°17	2°38	2°11	2° 7	2°58	n.a.	F 13
S 14	20 21 44	3°20'54	27°32	21°44	22°12	8°41	12°28	7°45	5°30	27°18	2°38	1°58	2° 4	3° 4	n.a.	S 14
S 15	20 25 41	4°20'02	10♈41	23°13	22°47	9°17	12°35	7°44	5°30	27°20	2°38	1°49	2° 1	3°11	n.a.	S 15
M16	20 29 37	5°19'12	24° 1	24°41	23°23	9°53	12°41	7°42	5°31	27°21	2°38	1°42	1°58	3°18	n.a.	M16
T 17	20 33 34	6°18'25	7♈32	26° 8	24° 1	10°28	12°47	7°41	5°32	27°22	2°38	1°38	1°54	3°24	n.a.	T 17
W18	20 37 30	7°17'41	21°13	27°34	24°39	11° 4	12°53	7°40	5°32	27°23	2°38	1°37	1°51	3°31	n.a.	W18
T 19	20 41 27	8°16'59	5♉ 4	28°59	25°19	11°39	12°59	7°39	5°33	27°24	2°38	1°37	1°48	3°38	n.a.	T 19
F 20	20 45 23	9°16'19	19° 7	0♍23	26° 0	12°15	13° 4	7°38	5°34	27°25	2°R38	1°36	1°45	3°44	n.a.	F 20
S 21	20 49 20	10°15'42	3♊20	1°46	26°42	12°50	13°10	7°37	5°35	27°26	2°38	1°35	1°42	3°51	n.a.	S 21
S 22	20 53 16	11°15'08	17°42	3° 8	27°25	13°25	13°15	7°36	5°36	27°26	2°38	1°31	1°38	3°58	n.a.	S 22
M23	20 57 13	12°14'36	2♋10	4°29	28° 9	14° 1	13°20	7°35	5°37	27°27	2°38	1°25	1°35	4° 4	n.a.	M23
T 24	21 1 9	13°14'07	16°40	5°49	28°54	14°36	13°25	7°35	5°38	27°28	2°38	1°15	1°32	4°11	n.a.	T 24
W25	21 5 6	14°13'40	1♌ 4	7° 7	29°40	15°11	13°30	7°34	5°40	27°29	2°38	1° 4	1°29	4°18	n.a.	W25
T 26	21 9 3	15°13'15	15°16	8°24	0♋27	15°46	13°35	7°34	5°41	27°30	2°38	0°52	1°26	4°24	n.a.	T 26
F 27	21 12 59	16°12'52	29°11	9°40	1°15	16°20	13°39	7°33	5°42	27°30	2°38	0°41	1°23	4°31	n.a.	F 27
S 28	21 16 56	17°12'31	12♍45	10°55	2° 4	16°55	13°43	7°33	5°43	27°31	2°38	0°31	1°19	4°38	n.a.	S 28
S 29	21 20 52	18°12'13	25°55	12° 7	2°53	17°30	13°47	7°D33	5°45	27°32	2°38	0°24	1°16	4°44	n.a.	S 29
M30	21 24 49	19°11'56	8♎42	13°18	3°44	18° 4	13°51	7°33	5°46	27°32	2°37	0°20	1°13	4°51	n.a.	M30
T 31	21 28 45	20♌11'42	21♎ 9	14♍28	4♋35	18♊39	13♉55	7♐33	5♏48	27♉33	2♉37	0♏17	1♏10	4♐58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	22n19	1n32	3s36	21n32	1n13	16n45	6s34	21n 6	0n22	14n42	0s43	21s50	0n18	13s24	0n13	18n48	1s 7	5n37	7s28	12s54	12s41	18s28			n.a.
M 2	22 9	2s49	2 43	21 3	1 8	16 51	6 29	21 14	0 22	14 45	0 43	21 50	0 18	13 24	0 13	18 49	1 7	5 37	7 28	12 52	12 39	18 29			n.a.
T 3	22 0	6 55	1 44	20 34	1 2	16 58	6 23	21 22	0 23	14 48	0 43	21 49	0 17	13 24	0 13	18 49	1 7	5 37	7 28	12 52	12 38	18 29			n.a.
W 4	21 50	10 39	0 42	20 4	0 57	17 6	6 17	21 31	0 24	14 50	0 43	21 49	0 17	13 24	0 13	18 49	1 7	5 37	7 28	12 52	12 37	18 30			n.a.
T 5	21 39	13 54	0n21	19 32	0 51	17 14	6 11	21 39	0 25	14 53	0 43	21 49	0 17	13 24	0 13	18 50	1 7	5 37	7 28	12 52	12 36	18 31			n.a.
F 6	21 28	16 32	1 23	19 0	0 45	17 22	6 4	21 46	0 26	14 55	0 43	21 48	0 17	13 24	0 13	18 50	1 7	5 37	7 28	12 51	12 35	18 31			n.a.
S 7	21 17	18 28	2 21	18 28	0 38	17 30	5 58	21 54	0 26	14 57	0 43	21 48	0 17	13 24	0 13	18 50	1 7	5 37	7 28	12 51	12 34	18 32			n.a.
S 8	21 6	19 36	3 13	17 54	0 32	17 39	5 51	22 2	0 27	15 0	0 43	21 48	0 17	13 24	0 13	18 51	1 7	5 37	7 28	12 49	12 33	18 32			n.a.
M 9	20 54	19 53	3 57	17 20	0 25	17 48	5 44	22 9	0 28	15 2	0 43	21 48	0 17	13 24	0 13	18 51	1 7	5 37	7 29	12 46	12 32	18 33			n.a.
T 10	20 41	19 14	4 30	16 46	0 18	17 56	5 38	22 16	0 29	15 4	0 43	21 48	0 17	13 24	0 13	18 51	1 7	5 37	7 29	12 42	12 30	18 33			n.a.
W11	20 29	17 42	4 52	16 11	0 11	18 6	5 31	22 23	0 30	15 6	0 43	21 47	0 17	13 24	0 13	18 51	1 7	5 37	7 29	12 38	12 29	18 34			n.a.
T 12	20 15	15 17	5 0	15 35	0 4	18 15	5 23	22 30	0 30	15 8	0 43	21 47	0 16	13 25	0 13	18 52	1 7	5 37	7 29	12 33	12 28	18 34			n.a.
F 13	20 2	12 8	4 53	14 59	0s 3	18 24	5 16	22 37	0 31	15 11	0 43	21 47	0 16	13 25	0 13	18 52	1 7	5 37	7 29	12 28	12 27	18 35			n.a.
S 14	19 48	8 20	4 31	14 23	0 10	18 33	5 9	22 44	0 32	15 13	0 43	21 47	0 16	13 25	0 13	18 52	1 7	5 37	7 29	12 24	12 26	18 36			n.a.
S 15	19 34	4 6	3 55	13 47	0 17	18 42	5 2	22 50	0 33	15 15	0 43	21 47	0 16	13 25	0 13	18 52	1 7	5 36	7 29	12 21	12 25	18 36			n.a.
M16	19 19	0n24	3 5	13 10	0 25	18 52	4 54	22 56	0 34	15 16	0 43	21 47	0 16	13 26	0 13	18 53	1 7	5 36	7 29	12 18	12 24	18 37			n.a.
T 17	19 5	4 56	2 4	12 33	0 32	19 1	4 47	23 3	0 35	15 18	0 43	21 47	0 16	13 26	0 13	18 53	1 7	5 36	7 30	12 17	12 23	18 37			n.a.
W18	18 49	9 17	0 55	11 56	0 40	19 10	4 39	23 9	0 35	15 20	0 43	21 46	0 16	13 26	0 13	18 53	1 7	5 36	7 30	12 16	12 22	18 38			n.a.
T 19	18 34	13 11	0s18	11 19	0 47	19 19	4 32	23 14	0 36	15 22	0 43	21 46	0 16	13 26	0 13	18 53	1 7	5 36	7 30	12 16	12 20	18 38			n.a.
F 20	18 18	16 24	1 31	10 42	0 55	19 28	4 24	23 20	0 37	15 24	0 43	21 46	0 16	13 27	0 13	18 53	1 7	5 36	7 30	12 16	12 19	18 39			n.a.
S 21	18 2	18 39	2 39	10 5	1 2	19 36	4 17	23 26	0 38	15 25	0 43	21 46	0 15	13 27	0 13	18 54	1 7	5 36	7 30	12 16	12 18	18 39			n.a.
S 22	17 45	19 43	3 38	9 28	1 10	19 45	4 9	23 31	0 39	15 27	0 43	21 46	0 15	13 27	0 13	18 54	1 7	5 36	7 30	12 14	12 17	18 40			n.a.
M23	17 28	19 31	4 23	8 52	1 18	19 53	4 2	23 36	0 40	15 28	0 43	21 46	0 15	13 28	0 13	18 54	1 7	5 36	7 30	12 12	12 16	18 40			n.a.
T 24	17 11	18 2	4 52	8 15	1 25	20 1	3 54	23 41	0 41	15 30	0 43	21 46	0 15	13 28	0 13	18 54	1 7	5 35	7 30	12 9	12 15	18 41			n.a.
W25	16 54	15 26	5 1	7 39	1 32	20 9	3 47	23 46	0 42	15 31	0 43	21 46	0 15	13 29	0 13	18 54	1 7	5 35	7 31	12 5	12 14	18 41			n.a.
T 26	16 36	11 56	4 52	7 3	1 40	20 16	3 40	23 51	0 42	15 33	0 43	21 46	0 15	13 29	0 13	18 54	1 7	5 35	7 31	12 1	12 13	18 42			n.a.
F 27	16 18	7 51	4 25	6 27	1 47	20 23	3 32	23 56	0 43	15 34	0 43	21 46	0 15	13 30	0 13	18 55	1 8	5 35	7 31	11 57	12 11	18 42			n.a.
S 28	16 0	3 28	3 44	5 52	1 54	20 30	3 25	24 0	0 44	15 35	0 43	21 46	0 15	13 30	0 13	18 55	1 8	5 35	7 31	11 53	12 10	18 43			n.a.
S 29	15 41	0s58	2 52	5 17	2 1	20 36	3 17	24 4	0 45	15 37	0 43	21 47	0 15	13 30	0 13	18 55	1 8	5 35	7 31	11 51	12 9	18 43			n.a.
M30	15 22	5 14	1 52	4 44	2 8	20 43	3 10	24 9	0 46	15 38	0 43	21 47	0 14	13 31	0 13	18 55	1 8	5 34	7 31	11 49	12 8	18 44			n.a.
T 31	15n 3	9s10	0s49	4n10	2s15	20n48	3s 3	24n13	0n47	15n39	0s43	21s47	0n14	13s31	0n13	18n55	1s 8	5n34	7s31	11s48	12s 7	18s44			n.a.

Julian Day Number = 974699.5, Delta T = 13h21m03s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'25, Lahiri = -32°08'24 Julian Calendar 1 Aug. 2045 BCE == Greg. Calendar 15 July 2045 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

SEPTEMBER 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 32 42	21♌11'29	3♏18	15♍35	5♋27	19♊13	13♉58	7♐33	5♏49	27♉34	2°R37	0°D17	1♏ 7	5♐ 4	n.a.	W 1
T 2	21 36 38	22°11'18	15°15	16°40	6°19	19°48	14° 2	7°34	5°51	27°34	2♉37	0♏18	1° 4	5°11	n.a.	T 2
F 3	21 40 35	23°11'09	27° 6	17°42	7°12	20°22	14° 5	7°34	5°52	27°35	2°36	0°R18	1° 0	5°18	n.a.	F 3
S 4	21 44 31	24°11'03	8♐55	18°43	8° 6	20°56	14° 8	7°35	5°54	27°35	2°36	0°16	0°57	5°24	n.a.	S 4
S 5	21 48 28	25°10'58	20°48	19°40	9° 1	21°30	14°11	7°35	5°56	27°36	2°36	0°13	0°54	5°31	n.a.	S 5
M 6	21 52 25	26°10'54	2♑50	20°34	9°56	22° 4	14°13	7°36	5°57	27°36	2°35	0° 7	0°51	5°38	n.a.	M 6
T 7	21 56 21	27°10'53	15° 4	21°24	10°51	22°38	14°16	7°37	5°59	27°36	2°35	29♎59	0°48	5°44	n.a.	T 7
W 8	22 0 18	28°10'54	27°34	22°11	11°48	23°11	14°18	7°38	6° 1	27°37	2°34	29°49	0°44	5°51	n.a.	W 8
T 9	22 4 14	29°10'56	10♒21	22°53	12°45	23°45	14°20	7°39	6° 3	27°37	2°34	29°38	0°41	5°58	n.a.	T 9
F 10	22 8 11	0♍11'01	23°25	23°31	13°42	24°19	14°22	7°40	6° 5	27°37	2°34	29°27	0°38	6° 4	n.a.	F 10
S 11	22 12 7	1°11'07	6♓44	24° 3	14°40	24°52	14°23	7°41	6° 7	27°37	2°33	29°17	0°35	6°11	n.a.	S 11
S 12	22 16 4	2°11'16	20°18	24°30	15°39	25°25	14°25	7°42	6° 9	27°38	2°33	29°10	0°32	6°18	n.a.	S 12
M13	22 20 0	3°11'26	4♈ 3	24°50	16°37	25°59	14°26	7°44	6°11	27°38	2°32	29° 4	0°29	6°24	n.a.	M13
T 14	22 23 57	4°11'39	17°56	25° 3	17°37	26°32	14°27	7°45	6°13	27°38	2°31	29° 2	0°25	6°31	n.a.	T 14
W15	22 27 53	5°11'54	1♉55	25°R 9	18°37	27° 5	14°28	7°47	6°15	27°38	2°31	29°D 1	0°22	6°38	n.a.	W15
T 16	22 31 50	6°12'11	15°58	25° 7	19°37	27°38	14°28	7°49	6°17	27°38	2°30	29° 2	0°19	6°44	n.a.	T 16
F 17	22 35 47	7°12'31	0♊ 4	24°55	20°38	28°10	14°29	7°51	6°19	27°R38	2°30	29° 3	0°16	6°51	n.a.	F 17
S 18	22 39 43	8°12'53	14°12	24°35	21°39	28°43	14°29	7°53	6°22	27°38	2°29	29°R 3	0°13	6°58	n.a.	S 18
S 19	22 43 40	9°13'17	28°20	24° 5	22°41	29°16	14°R29	7°55	6°24	27°38	2°29	29° 1	0° 9	7° 4	n.a.	S 19
M20	22 47 36	10°13'43	12♋26	23°25	23°43	29°48	14°29	7°57	6°26	27°38	2°28	28°58	0° 6	7°11	n.a.	M20
T 21	22 51 33	11°14'11	26°29	22°36	24°46	0♋21	14°29	7°59	6°29	27°38	2°27	28°52	0° 3	7°18	n.a.	T 21
W22	22 55 29	12°14'42	10♌25	21°38	25°48	0°53	14°28	8° 1	6°31	27°38	2°27	28°44	29♎59	7°24	n.a.	W22
T 23	22 59 26	13°15'14	24°10	20°32	26°52	1°25	14°27	8° 4	6°34	27°38	2°26	28°36	29°57	7°31	n.a.	T 23
F 24	23 3 22	14°15'48	7♍42	19°19	27°55	1°57	14°26	8° 6	6°36	27°37	2°25	28°28	29°54	7°38	n.a.	F 24
S 25	23 7 19	15°16'24	20°58	18° 2	28°59	2°29	14°25	8° 9	6°39	27°37	2°24	28°22	29°50	7°44	n.a.	S 25
S 26	23 11 15	16°17'02	3♎55	16°42	0♌ 3	3° 0	14°24	8°12	6°41	27°37	2°24	28°17	29°47	7°51	n.a.	S 26
M27	23 15 12	17°17'41	16°35	15°22	1° 8	3°32	14°22	8°14	6°44	27°37	2°23	28°14	29°44	7°58	n.a.	M27
T 28	23 19 9	18°18'22	28°57	14° 5	2°13	4° 3	14°20	8°17	6°46	27°36	2°22	28°D14	29°41	8° 4	n.a.	T 28
W29	23 23 5	19°19'04	11♏ 5	12°54	3°18	4°35	14°18	8°20	6°49	27°36	2°21	28°14	29°38	8°11	n.a.	W29
T 30	23 27 2	20♍19'48	23♏ 2	11♍50	4♌23	5♋ 6	14♉16	8♐23	6♏52	27♉35	2♉20	28♎16	29♎35	8♐18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n43	12s37	0n16	3n38	2s21	20n54	2s55	24n16	0n48	15n40	0s43	21s47	0n14	13s32	0n13	18n55	1s 8	5n34	7s31	11s48	12s 6	18s45		n.a.
T 2	14 24	15 29	1 19	3 7	2 27	20 58	2 48	24 20	0 49	15 41	0 43	21 47	0 14	13 33	0 12	18 55	1 8	5 34	7 31	11 48	12 5	18 45		n.a.
F 3	14 4	17 40	2 18	2 36	2 33	21 3	2 41	24 24	0 50	15 42	0 43	21 47	0 14	13 33	0 12	18 55	1 8	5 34	7 32	11 48	12 4	18 46		n.a.
S 4	13 44	19 6	3 11	2 7	2 39	21 7	2 34	24 27	0 51	15 43	0 43	21 47	0 14	13 34	0 12	18 55	1 8	5 33	7 32	11 48	12 2	18 46		n.a.
S 5	13 23	19 41	3 56	1 40	2 44	21 11	2 27	24 30	0 52	15 44	0 43	21 48	0 14	13 34	0 12	18 55	1 8	5 33	7 32	11 47	12 1	18 47		n.a.
M 6	13 3	19 23	4 31	1 14	2 49	21 14	2 20	24 34	0 53	15 44	0 43	21 48	0 14	13 35	0 12	18 56	1 8	5 33	7 32	11 45	12 0	18 47		n.a.
T 7	12 42	18 11	4 54	0 49	2 54	21 16	2 13	24 37	0 54	15 45	0 43	21 48	0 14	13 35	0 12	18 56	1 8	5 33	7 32	11 42	11 59	18 48		n.a.
W 8	12 21	16 7	5 4	0 27	2 58	21 18	2 6	24 39	0 55	15 46	0 43	21 48	0 13	13 36	0 12	18 56	1 8	5 33	7 32	11 38	11 58	18 48		n.a.
T 9	12 0	13 13	4 59	0 7	3 1	21 20	1 59	24 42	0 56	15 46	0 43	21 49	0 13	13 37	0 12	18 56	1 8	5 32	7 32	11 34	11 57	18 49		n.a.
F 10	11 38	9 37	4 38	0s10	3 4	21 21	1 52	24 45	0 57	15 47	0 43	21 49	0 13	13 37	0 12	18 56	1 8	5 32	7 32	11 30	11 56	18 49		n.a.
S 11	11 16	5 28	4 2	0 25	3 5	21 21	1 45	24 47	0 58	15 47	0 43	21 49	0 13	13 38	0 12	18 56	1 8	5 32	7 32	11 27	11 54	18 49		n.a.
S 12	10 54	0 59	3 12	0 37	3 7	21 21	1 39	24 49	0 59	15 48	0 43	21 50	0 13	13 39	0 12	18 56	1 8	5 32	7 33	11 24	11 53	18 50		n.a.
M13	10 32	3n37	2 10	0 45	3 7	21 21	1 32	24 51	1 0	15 48	0 43	21 50	0 13	13 40	0 12	18 56	1 8	5 31	7 33	11 22	11 52	18 50		n.a.
T 14	10 10	8 5	0 59	0 50	3 6	21 20	1 25	24 53	1 1	15 48	0 44	21 50	0 13	13 40	0 12	18 56	1 8	5 31	7 33	11 21	11 51	18 51		n.a.
W15	9 48	12 8	0s16	0 50	3 3	21 18	1 19	24 55	1 2	15 49	0 44	21 51	0 13	13 41	0 12	18 56	1 8	5 31	7 33	11 21	11 50	18 51		n.a.
T 16	9 25	15 31	1 30	0 46	3 0	21 16	1 13	24 57	1 3	15 49	0 44	21 51	0 13	13 42	0 12	18 56	1 8	5 30	7 33	11 21	11 49	18 52		n.a.
F 17	9 2	17 59	2 39	0 36	2 55	21 13	1 6	24 58	1 4	15 49	0 44	21 52	0 12	13 42	0 12	18 56	1 8	5 30	7 33	11 21	11 48	18 52		n.a.
S 18	8 39	19 21	3 39	0 22	2 48	21 9	1 0	25 0	1 5	15 49	0 44	21 52	0 12	13 43	0 12	18 56	1 8	5 30	7 33	11 21	11 47	18 53		n.a.
S 19	8 16	19 30	4 25	0 2	2 40	21 5	0 54	25 1	1 6	15 49	0 44	21 52	0 12	13 44	0 12	18 56	1 8	5 30	7 33	11 21	11 45	18 53		n.a.
M20	7 53	18 26	4 55	0n23	2 29	21 1	0 48	25 2	1 7	15 49	0 44	21 53	0 12	13 45	0 12	18 56	1 8	5 29	7 33	11 19	11 44	18 53		n.a.
T 21	7 30	16 15	5 8	0 54	2 17	20 55	0 42	25 3	1 8	15 49	0 44	21 53	0 12	13 46	0 12	18 56	1 8	5 29	7 33	11 17	11 43	18 54		n.a.
W22	7 6	13 9	5 2	1 30	2 3	20 49	0 36	25 4	1 9	15 49	0 44	21 54	0 12	13 47	0 12	18 56	1 8	5 29	7 34	11 15	11 42	18 54		n.a.
T 23	6 43	9 22	4 38	2 11	1 47	20 43	0 30	25 5	1 10	15 49	0 43	21 54	0 12	13 47	0 12	18 55	1 8	5 28	7 34	11 12	11 41	18 55		n.a.
F 24	6 19	5 10	3 59	2 56	1 30	20 36	0 25	25 6	1 11	15 48	0 43	21 55	0 12	13 48	0 12	18 55	1 8	5 28	7 34	11 9	11 40	18 55		n.a.
S 25	5 55	0 47	3 8	3 44	1 11	20 28	0 19	25 6	1 12	15 48	0 43	21 55	0 12	13 49	0 12	18 55	1 8	5 28	7 34	11 7	11 39	18 55		n.a.
S 26	5 31	3s32	2 8	4 34	0 51	20 20	0 14	25 7	1 13	15 48	0 43	21 56	0 11	13 50	0 12	18 55	1 8	5 27	7 34	11 5	11 37	18 56		n.a.
M27	5 7	7 37	1 3	5 25	0 31	20 11	0 8	25 7	1 14	15 47	0 43	21 56	0 11	13 51	0 12	18 55	1 8	5 27	7 34	11 4	11 36	18 56		n.a.
T 28	4 43	11 16	0n 4	6 14	0 10	20 1	0 3	25 7	1 16	15 47	0 43	21 57	0 11	13 52	0 12	18 55	1 8	5 27	7 34	11 4	11 35	18 57		n.a.
W29	4 19	14 21	1 10	7 1	0n10	19 51	0n 2	25 7	1 17	15 46	0 43	21 58	0 11	13 53	0 12	18 55	1 8	5 26	7 34	11 4	11 34	18 57		n.a.
T 30	3n54	16s48	2n11	7n44	0n30	19n41	0n 8	25n 7	1n18	15n45	0s43	21s58	0n11	13s54	0n12	18n55	1s 8	5n26	7s34	11s 4	11s33	18s57		n.a.

Julian Day Number = 974730.5, Delta T = 13h21m01s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'21, Lahiri = -32°08'20 Julian Calendar 1 Sept. 2045 BCE == Greg. Calendar 15 Aug. 2045 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

OCTOBER 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 30 58	21♍20'33	4♐53	10°R55	5♌29	5♋37	14°R14	8♐27	6♏55	27°R35	2°R19	28♎18	29♎31	8♐25	n.a.	F 1
S 2	23 34 55	22°21'19	16°42	10♍10	6°35	6° 8	14♉11	8°30	6°57	27♉34	2♉19	28°19	29°28	8°31	n.a.	S 2
S 3	23 38 51	23°22'07	28°35	9°37	7°41	6°38	14° 9	8°33	7° 0	27°34	2°18	28°R19	29°25	8°38	n.a.	S 3
M 4	23 42 48	24°22'56	10♎37	9°16	8°47	7° 9	14° 6	8°37	7° 3	27°33	2°17	28°17	29°22	8°45	n.a.	M 4
T 5	23 46 44	25°23'46	22°52	9°D 7	9°54	7°39	14° 2	8°40	7° 6	27°33	2°16	28°14	29°19	8°51	n.a.	T 5
W 6	23 50 41	26°24'38	5♒25	9° 8	11° 1	8°10	13°59	8°44	7° 9	27°32	2°15	28°10	29°15	8°58	n.a.	W 6
T 7	23 54 38	27°25'30	18°17	9°21	12° 8	8°40	13°56	8°48	7°12	27°32	2°14	28° 5	29°12	9° 5	n.a.	T 7
F 8	23 58 34	28°26'24	1♓32	9°43	13°16	9°10	13°52	8°51	7°15	27°31	2°13	28° 0	29° 9	9°11	n.a.	F 8
S 9	0 2 31	29°27'19	15° 8	10°14	14°24	9°39	13°48	8°55	7°18	27°30	2°12	27°55	29° 6	9°18	n.a.	S 9
S 10	0 6 27	0♎28'15	29° 3	10°53	15°32	10° 9	13°44	8°59	7°21	27°29	2°11	27°52	29° 3	9°25	n.a.	S 10
M11	0 10 24	1°29'13	13♈14	11°39	16°40	10°38	13°40	9° 3	7°24	27°29	2°10	27°50	29° 0	9°31	n.a.	M11
T 12	0 14 20	2°30'12	27°35	12°32	17°48	11° 8	13°35	9° 7	7°27	27°28	2° 9	27°D49	28°56	9°38	n.a.	T 12
W13	0 18 17	3°31'12	12♉ 2	13°30	18°57	11°37	13°31	9°12	7°30	27°27	2° 8	27°50	28°53	9°45	n.a.	W13
T 14	0 22 13	4°32'13	26°30	14°33	20° 5	12° 6	13°26	9°16	7°33	27°26	2° 7	27°51	28°50	9°51	n.a.	T 14
F 15	0 26 10	5°33'17	10♊53	15°40	21°14	12°34	13°21	9°20	7°36	27°25	2° 6	27°52	28°47	9°58	n.a.	F 15
S 16	0 30 7	6°34'21	25°10	16°51	22°23	13° 3	13°16	9°25	7°40	27°24	2° 5	27°54	28°44	10° 5	n.a.	S 16
S 17	0 34 3	7°35'27	9♋17	18° 4	23°33	13°31	13°10	9°29	7°43	27°23	2° 4	27°R54	28°41	10°11	n.a.	S 17
M18	0 38 0	8°36'34	23°13	19°21	24°42	13°59	13° 5	9°34	7°46	27°22	2° 3	27°53	28°37	10°18	n.a.	M18
T 19	0 41 56	9°37'43	6♌57	20°40	25°52	14°27	12°59	9°39	7°49	27°21	2° 2	27°52	28°34	10°25	n.a.	T 19
W20	0 45 53	10°38'53	20°29	22° 1	27° 2	14°55	12°54	9°43	7°53	27°20	2° 1	27°50	28°31	10°31	n.a.	W20
T 21	0 49 49	11°40'04	3♍47	23°23	28°12	15°23	12°48	9°48	7°56	27°19	2° 0	27°47	28°28	10°38	n.a.	T 21
F 22	0 53 46	12°41'16	16°53	24°47	29°22	15°50	12°42	9°53	7°59	27°18	1°58	27°45	28°25	10°45	n.a.	F 22
S 23	0 57 42	13°42'28	29°45	26°12	0♍32	16°17	12°35	9°58	8° 3	27°17	1°57	27°43	28°21	10°51	n.a.	S 23
S 24	1 1 39	14°43'42	12♎23	27°39	1°43	16°44	12°29	10° 3	8° 6	27°16	1°56	27°42	28°18	10°58	n.a.	S 24
M25	1 5 36	15°44'57	24°48	29° 6	2°53	17°10	12°22	10° 8	8° 9	27°15	1°55	27°D41	28°15	11° 5	n.a.	M25
T 26	1 9 32	16°46'12	7♏ 2	0♎34	4° 4	17°37	12°16	10°13	8°13	27°14	1°54	27°41	28°12	11°11	n.a.	T 26
W27	1 13 29	17°47'28	19° 5	2° 2	5°15	18° 3	12° 9	10°19	8°16	27°12	1°53	27°42	28° 9	11°18	n.a.	W27
T 28	1 17 25	18°48'45	1♐ 0	3°31	6°26	18°29	12° 2	10°24	8°20	27°11	1°52	27°43	28° 6	11°25	n.a.	T 28
F 29	1 21 22	19°50'02	12°51	5° 1	7°37	18°54	11°55	10°29	8°23	27°10	1°50	27°44	28° 2	11°32	n.a.	F 29
S 30	1 25 18	20°51'19	24°40	6°31	8°48	19°20	11°48	10°35	8°27	27° 9	1°49	27°45	27°59	11°38	n.a.	S 30
S 31	1 29 15	21♎52'37	6♎32	8♎ 2	9♍59	19♋45	11♉41	10♐40	8♏30	27♉ 7	1♉48	27♎45	27♎56	11♐45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n30	18s29	3n 7	8n22	0n48	19n29	0n13	25n 7	1n19	15n45	0s43	21s59	0n11	13s55	0n12	18n55	1s 8	5n26	7s34	11s 5	11s32	18s58		n.a.
S 2	3 6	19 22	3 54	8 55	1 5	19 17	0 17	25 7	1 20	15 44	0 43	21 59	0 11	13 55	0 12	18 55	1 8	5 25	7 34	11 5	11 31	18 58		n.a.
S 3	2 41	19 23	4 32	9 21	1 21	19 5	0 22	25 7	1 21	15 43	0 43	22 0	0 11	13 56	0 12	18 54	1 9	5 25	7 34	11 5	11 29	18 58		n.a.
M 4	2 17	18 32	4 58	9 42	1 34	18 52	0 27	25 6	1 22	15 42	0 43	22 1	0 11	13 57	0 12	18 54	1 9	5 24	7 34	11 5	11 28	18 59		n.a.
T 5	1 52	16 50	5 11	9 57	1 46	18 38	0 32	25 6	1 24	15 41	0 43	22 1	0 11	13 58	0 12	18 54	1 9	5 24	7 34	11 4	11 27	18 59		n.a.
W 6	1 27	14 17	5 10	10 5	1 56	18 24	0 36	25 5	1 25	15 40	0 43	22 2	0 10	13 59	0 12	18 54	1 9	5 24	7 35	11 2	11 26	18 59		n.a.
T 7	1 3	11 0	4 54	10 8	2 4	18 9	0 40	25 4	1 26	15 39	0 43	22 3	0 10	14 0	0 12	18 54	1 9	5 23	7 35	11 0	11 25	19 0		n.a.
F 8	0 38	7 5	4 21	10 5	2 11	17 53	0 45	25 3	1 27	15 38	0 43	22 3	0 10	14 1	0 12	18 54	1 9	5 23	7 35	10 59	11 24	19 0		n.a.
S 9	0 13	2 42	3 33	9 58	2 16	17 37	0 49	25 2	1 29	15 37	0 43	22 4	0 10	14 2	0 12	18 53	1 9	5 23	7 35	10 57	11 23	19 1		n.a.
S 10	0s11	1n55	2 32	9 46	2 19	17 21	0 53	25 1	1 30	15 36	0 43	22 5	0 10	14 3	0 12	18 53	1 9	5 22	7 35	10 56	11 21	19 1		n.a.
M11	0 36	6 32	1 19	9 31	2 22	17 4	0 57	25 0	1 31	15 35	0 43	22 6	0 10	14 4	0 12	18 53	1 9	5 22	7 35	10 55	11 20	19 1		n.a.
T 12	1 1	10 51	0 1	9 11	2 23	16 46	1 1	24 59	1 32	15 33	0 43	22 6	0 10	14 6	0 12	18 53	1 9	5 21	7 35	10 55	11 19	19 2		n.a.
W13	1 26	14 32	1s18	8 49	2 23	16 28	1 5	24 58	1 34	15 32	0 43	22 7	0 10	14 7	0 12	18 53	1 9	5 21	7 35	10 55	11 18	19 2		n.a.
T 14	1 50	17 19	2 32	8 23	2 22	16 9	1 8	24 56	1 35	15 30	0 43	22 8	0 10	14 8	0 12	18 52	1 9	5 21	7 35	10 55	11 17	19 2		n.a.
F 15	2 15	18 58	3 36	7 55	2 21	15 50	1 12	24 55	1 36	15 29	0 43	22 9	0 10	14 9	0 12	18 52	1 9	5 20	7 35	10 56	11 16	19 2		n.a.
S 16	2 40	19 24	4 26	7 25	2 19	15 31	1 15	24 53	1 38	15 27	0 43	22 9	0 9	14 10	0 12	18 52	1 9	5 20	7 35	10 56	11 14	19 3		n.a.
S 17	3 4	18 37	4 59	6 53	2 16	15 10	1 18	24 52	1 39	15 26	0 43	22 10	0 9	14 11	0 12	18 52	1 9	5 20	7 35	10 56	11 13	19 3		n.a.
M18	3 29	16 43	5 15	6 19	2 12	14 50	1 22	24 50	1 40	15 24	0 43	22 11	0 9	14 12	0 12	18 51	1 9	5 19	7 35	10 56	11 12	19 3		n.a.
T 19	3 53	13 53	5 12	5 44	2 8	14 29	1 25	24 48	1 42	15 23	0 43	22 12	0 9	14 13	0 12	18 51	1 9	5 19	7 35	10 56	11 11	19 4		n.a.
W20	4 18	10 21	4 52	5 7	2 4	14 7	1 28	24 47	1 43	15 21	0 43	22 13	0 9	14 14	0 12	18 51	1 9	5 18	7 35	10 55	11 10	19 4		n.a.
T 21	4 42	6 21	4 16	4 29	1 59	13 45	1 30	24 45	1 44	15 19	0 43	22 13	0 9	14 15	0 12	18 51	1 9	5 18	7 35	10 54	11 9	19 4		n.a.
F 22	5 7	2 7	3 27	3 51	1 54	13 23	1 33	24 43	1 46	15 17	0 42	22 14	0 9	14 16	0 12	18 50	1 9	5 18	7 35	10 53	11 8	19 5		n.a.
S 23	5 31	2s10	2 29	3 11	1 48	13 0	1 36	24 41	1 47	15 15	0 42	22 15	0 9	14 17	0 12	18 50	1 9	5 17	7 35	10 52	11 6	19 5		n.a.
S 24	5 55	6 16	1 24	2 31	1 43	12 36	1 38	24 39	1 49	15 14	0 42	22 16	0 9	14 19	0 12	18 50	1 9	5 17	7 35	10 52	11 5	19 5		n.a.
M25	6 19	10 3	0 16	1 50	1 37	12 13	1 41	24 37	1 50	15 12	0 42	22 17	0 9	14 20	0 12	18 50	1 9	5 16	7 35	10 52	11 4	19 6		n.a.
T 26	6 43	13 20	0n52	1 9	1 31	11 49	1 43	24 35	1 52	15 10	0 42	22 18	0 9	14 21	0 12	18 49	1 9	5 16	7 35	10 52	11 3	19 6		n.a.
W27	7 7	15 59	1 56	0 28	1 24	11 24	1 45	24 33	1 53	15 8	0 42	22 19	0 8	14 22	0 12	18 49	1 9	5 16	7 35	10 52	11 2	19 6		n.a.
T 28	7 31	17 56	2 55	0s14	1 18	10 59	1 47	24 31	1 54	15 6	0 42	22 19	0 8	14 23	0 12	18 49	1 9	5 15	7 35	10 52	11 1	19 6		n.a.
F 29	7 55	19 4	3 45	0 57	1 11	10 34	1 49	24 29	1 56	15 3	0 42	22 20	0 8	14 24	0 12	18 48	1 9	5 15	7 35	10 53	10 59	19 7		n.a.
S 30	8 18	19 23	4 27	1 39	1 5	10 9	1 51	24 26	1 58	15 1	0 42	22 21	0 8	14 25	0 12	18 48	1 9	5 14	7 35	10 53	10 58	19 7		n.a.
S 31	8s41	18s50	4n56	2s22	0n58	9n43	1n53	24n24	1n59	14n59	0s42	22s22	0n 8	14s27	0n12	18n48	1s 9	5n14	7s35	10s53	10s57	19s 7		n.a.

Julian Day Number = 974760.5, Delta T = 13h20m59s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'17, Lahiri = -32°08'16 Julian Calendar 1 Oct. 2045 BCE == Greg. Calendar 14 Sept. 2045 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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NOVEMBER 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 33 11	22♎53'55	18♉31	9♎32	11♍11	20♋10	11°R34	10♐46	8♏34	27°R 6	1°R47	27°R45	27♎53	11♐52	n.a.	M 1
T 2	1 37 8	23°55'13	0♒43	11° 3	12°22	20°34	11♉26	10°52	8°37	27♉ 5	1♉46	27♎45	27°50	11°58	n.a.	T 2
W 3	1 41 5	24°56'31	13°11	12°35	13°34	20°59	11°19	10°57	8°41	27° 3	1°45	27°45	27°46	12° 5	n.a.	W 3
T 4	1 45 1	25°57'49	26° 1	14° 6	14°46	21°23	11°11	11° 3	8°44	27° 2	1°43	27°45	27°43	12°12	n.a.	T 4
F 5	1 48 58	26°59'07	9♓15	15°38	15°58	21°47	11° 3	11° 9	8°48	27° 1	1°42	27°45	27°40	12°18	n.a.	F 5
S 6	1 52 54	28° 0'26	22°54	17°10	17°10	22°10	10°56	11°15	8°51	26°59	1°41	27°D45	27°37	12°25	n.a.	S 6
S 7	1 56 51	29° 1'44	6♈58	18°42	18°22	22°33	10°48	11°21	8°55	26°58	1°40	27°45	27°34	12°32	n.a.	S 7
M 8	2 0 47	0♏ 3'03	21°25	20°15	19°34	22°56	10°40	11°27	8°58	26°56	1°39	27°R45	27°31	12°38	n.a.	M 8
T 9	2 4 44	1° 4'22	6♉ 9	21°48	20°46	23°18	10°32	11°33	9° 2	26°55	1°37	27°45	27°27	12°45	n.a.	T 9
W10	2 8 41	2° 5'40	21° 4	23°21	21°58	23°41	10°24	11°39	9° 5	26°53	1°36	27°45	27°24	12°52	n.a.	W10
T 11	2 12 37	3° 7'00	6♊ 0	24°54	23°11	24° 3	10°16	11°45	9° 9	26°52	1°35	27°44	27°21	12°58	n.a.	T 11
F 12	2 16 34	4° 8'19	20°50	26°27	24°23	24°24	10° 8	11°51	9°13	26°50	1°34	27°44	27°18	13° 5	n.a.	F 12
S 13	2 20 30	5° 9'39	5♋28	28° 1	25°36	24°45	10° 0	11°58	9°16	26°49	1°33	27°43	27°15	13°12	n.a.	S 13
S 14	2 24 27	6°10'59	19°48	29°35	26°48	25° 6	9°52	12° 4	9°20	26°47	1°31	27°42	27°12	13°18	n.a.	S 14
M15	2 28 23	7°12'19	3♌48	1♏ 9	28° 1	25°27	9°44	12°10	9°23	26°46	1°30	27°D42	27° 8	13°25	n.a.	M15
T 16	2 32 20	8°13'39	17°27	2°44	29°14	25°47	9°36	12°17	9°27	26°44	1°29	27°42	27° 5	13°32	n.a.	T 16
W17	2 36 17	9°14'59	0♍46	4°19	0♎26	26° 7	9°28	12°23	9°31	26°42	1°28	27°43	27° 2	13°39	n.a.	W17
T 18	2 40 13	10°16'20	13°47	5°54	1°39	26°26	9°20	12°30	9°34	26°41	1°27	27°44	26°59	13°45	n.a.	T 18
F 19	2 44 10	11°17'40	26°31	7°30	2°52	26°45	9°11	12°36	9°38	26°39	1°25	27°45	26°56	13°52	n.a.	F 19
S 20	2 48 6	12°19'00	9♎ 2	9° 5	4° 5	27° 4	9° 3	12°43	9°41	26°38	1°24	27°46	26°52	13°59	n.a.	S 20
S 21	2 52 3	13°20'20	21°22	10°42	5°18	27°22	8°55	12°49	9°45	26°36	1°23	27°47	26°49	14° 5	n.a.	S 21
M22	2 55 59	14°21'40	3♏32	12°18	6°31	27°40	8°47	12°56	9°49	26°34	1°22	27°R47	26°46	14°12	n.a.	M22
T 23	2 59 56	15°23'00	15°35	13°55	7°44	27°57	8°39	13° 3	9°52	26°33	1°21	27°46	26°43	14°19	n.a.	T 23
W24	3 3 52	16°24'19	27°31	15°33	8°58	28°14	8°31	13° 9	9°56	26°31	1°20	27°44	26°40	14°25	n.a.	W24
T 25	3 7 49	17°25'37	9♐23	17°11	10°11	28°30	8°23	13°16	9°59	26°29	1°18	27°41	26°37	14°32	n.a.	T 25
F 26	3 11 46	18°26'55	21°13	18°49	11°24	28°46	8°15	13°23	10° 3	26°28	1°17	27°38	26°33	14°39	n.a.	F 26
S 27	3 15 42	19°28'12	3♑ 3	20°28	12°37	29° 2	8° 7	13°30	10° 7	26°26	1°16	27°34	26°30	14°45	n.a.	S 27
S 28	3 19 39	20°29'29	14°56	22° 7	13°51	29°17	7°59	13°36	10°10	26°24	1°15	27°30	26°27	14°52	n.a.	S 28
M29	3 23 35	21°30'44	26°55	23°47	15° 4	29°31	7°52	13°43	10°14	26°23	1°14	27°27	26°24	14°59	n.a.	M29
T 30	3 27 32	22♏31'59	9♒ 4	25♏27	16♎18	29♋45	7♉44	13♐50	10♏17	26♉21	1♉13	27♎25	26♎21	15♐ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9s 5	17s26	5n14	3s 4	0n51	9n16	1n54	24n22	2n 1	14n57	0s42	22s23	0n 8	14s28	0n12	18n47	1s 9	5n14	7s35	10s53	10s56	19s 7		n.a.
T 2	9 28	15 15	5 17	3 47	0 45	8 50	1 56	24 20	2 2	14 55	0 42	22 24	0 8	14 29	0 12	18 47	1 9	5 13	7 35	10 53	10 55	19 8		n.a.
W 3	9 51	12 18	5 6	4 29	0 38	8 23	1 57	24 17	2 4	14 52	0 41	22 25	0 8	14 30	0 12	18 47	1 9	5 13	7 35	10 53	10 54	19 8		n.a.
T 4	10 14	8 43	4 40	5 12	0 31	7 56	1 59	24 15	2 5	14 50	0 41	22 26	0 8	14 31	0 12	18 46	1 9	5 12	7 35	10 53	10 52	19 8		n.a.
F 5	10 36	4 36	3 58	5 54	0 24	7 29	2 0	24 13	2 7	14 48	0 41	22 27	0 8	14 32	0 11	18 46	1 9	5 12	7 35	10 53	10 51	19 8		n.a.
S 6	10 59	0 6	3 2	6 37	0 17	7 1	2 1	24 10	2 9	14 46	0 41	22 28	0 8	14 34	0 11	18 46	1 9	5 12	7 35	10 53	10 50	19 9		n.a.
S 7	11 21	4n33	1 53	7 19	0 11	6 33	2 2	24 8	2 10	14 43	0 41	22 29	0 7	14 35	0 11	18 45	1 9	5 11	7 35	10 53	10 49	19 9		n.a.
M 8	11 43	9 4	0 35	8 1	0 4	6 5	2 3	24 6	2 12	14 41	0 41	22 29	0 7	14 36	0 11	18 45	1 9	5 11	7 35	10 53	10 48	19 9		n.a.
T 9	12 5	13 7	0s47	8 42	0s 3	5 37	2 3	24 4	2 14	14 38	0 41	22 30	0 7	14 37	0 11	18 45	1 9	5 11	7 35	10 53	10 47	19 9		n.a.
W10	12 27	16 22	2 6	9 24	0 9	5 8	2 4	24 1	2 15	14 36	0 41	22 31	0 7	14 38	0 11	18 44	1 9	5 10	7 35	10 53	10 45	19 10		n.a.
T 11	12 48	18 31	3 17	10 5	0 16	4 40	2 5	23 59	2 17	14 34	0 40	22 32	0 7	14 39	0 11	18 44	1 9	5 10	7 35	10 53	10 44	19 10		n.a.
F 12	13 9	19 23	4 14	10 45	0 22	4 11	2 5	23 57	2 19	14 31	0 40	22 33	0 7	14 41	0 11	18 44	1 9	5 10	7 35	10 53	10 43	19 10		n.a.
S 13	13 30	18 55	4 54	11 26	0 29	3 42	2 5	23 55	2 21	14 29	0 40	22 34	0 7	14 42	0 11	18 43	1 9	5 9	7 35	10 52	10 42	19 10		n.a.
S 14	13 51	17 15	5 15	12 6	0 35	3 13	2 6	23 53	2 22	14 26	0 40	22 35	0 7	14 43	0 11	18 43	1 9	5 9	7 34	10 52	10 41	19 11		n.a.
M15	14 12	14 35	5 16	12 45	0 41	2 43	2 6	23 51	2 24	14 24	0 40	22 36	0 7	14 44	0 11	18 43	1 9	5 8	7 34	10 52	10 40	19 11		n.a.
T 16	14 32	11 11	4 59	13 24	0 47	2 14	2 6	23 48	2 26	14 21	0 40	22 37	0 7	14 45	0 11	18 42	1 9	5 8	7 34	10 52	10 38	19 11		n.a.
W17	14 52	7 17	4 26	14 3	0 53	1 44	2 6	23 46	2 28	14 19	0 40	22 38	0 7	14 46	0 11	18 42	1 9	5 8	7 34	10 52	10 37	19 11		n.a.
T 18	15 12	3 7	3 41	14 41	0 59	1 14	2 5	23 44	2 30	14 16	0 39	22 39	0 7	14 48	0 11	18 41	1 9	5 7	7 34	10 53	10 36	19 11		n.a.
F 19	15 31	1s 6	2 45	15 18	1 4	0 45	2 5	23 43	2 32	14 14	0 39	22 40	0 6	14 49	0 11	18 41	1 9	5 7	7 34	10 53	10 35	19 12		n.a.
S 20	15 51	5 13	1 42	15 55	1 10	0 15	2 5	23 41	2 33	14 11	0 39	22 41	0 6	14 50	0 11	18 41	1 9	5 7	7 34	10 53	10 34	19 12		n.a.
S 21	16 10	9 3	0 35	16 31	1 15	0s15	2 4	23 39	2 35	14 9	0 39	22 42	0 6	14 51	0 11	18 40	1 9	5 6	7 34	10 54	10 33	19 12		n.a.
M22	16 28	12 27	0n32	17 6	1 20	0 45	2 4	23 37	2 37	14 6	0 39	22 43	0 6	14 52	0 11	18 40	1 9	5 6	7 34	10 54	10 31	19 12		n.a.
T 23	16 47	15 18	1 37	17 41	1 25	1 15	2 3	23 36	2 39	14 4	0 39	22 44	0 6	14 53	0 11	18 39	1 9	5 6	7 34	10 53	10 30	19 12		n.a.
W24	17 5	17 27	2 37	18 15	1 29	1 45	2 3	23 34	2 41	14 1	0 38	22 44	0 6	14 55	0 11	18 39	1 9	5 5	7 34	10 53	10 29	19 12		n.a.
T 25	17 23	18 51	3 30	18 48	1 34	2 15	2 2	23 32	2 43	13 59	0 38	22 45	0 6	14 56	0 11	18 39	1 9	5 5	7 34	10 52	10 28	19 13		n.a.
F 26	17 40	19 25	4 14	19 20	1 38	2 45	2 1	23 31	2 45	13 57	0 38	22 46	0 6	14 57	0 11	18 38	1 9	5 5	7 33	10 50	10 27	19 13		n.a.
S 27	17 57	19 7	4 46	19 51	1 41	3 15	2 0	23 30	2 47	13 54	0 38	22 47	0 6	14 58	0 11	18 38	1 9	5 5	7 33	10 49	10 26	19 13		n.a.
S 28	18 14	17 59	5 7	20 21	1 45	3 45	1 59	23 29	2 49	13 52	0 38	22 48	0 6	14 59	0 11	18 38	1 9	5 4	7 33	10 48	10 24	19 13		n.a.
M29	18 30	16 4	5 15	20 51	1 48	4 15	1 58	23 27	2 52	13 49	0 37	22 49	0 6	15 0	0 11	18 37	1 9	5 4	7 33	10 46	10 23	19 13		n.a.
T 30	18s47	13s24	5n 8	21s19	1s51	4s45	1n57	23n26	2n54	13n47	0s37	22s50	0n 6	15s 2	0n11	18n37	1s 9	5n 4	7s33	10s46	10s22	19s13		n.a.

Julian Day Number = 974791.5, Delta T = 13h20m57s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'12, Lahiri = -32°08'12 Julian Calendar 1 Nov. 2045 BCE == Greg. Calendar 15 Oct. 2045 BCE

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ASTRODIENST EPHEMERIS for the year 2045 BCE
geocentric

DECEMBER 2045 BCE (-2044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 31 28	23♏33'12	21♒27	27♏ 8	17♎31	29♋59	7°R36	13♐57	10♏21	26°R19	1°R12	27°D24	26♎17	15♐12	n.a.	W 1
T 2	3 35 25	24°34'25	4♓ 9	28°49	18°45	0♌12	7♉29	14° 4	10°24	26♉17	1♉11	27♎24	26°14	15°19	n.a.	T 2
F 3	3 39 22	25°35'36	17°14	0♐30	19°58	0°24	7°22	14°11	10°28	26°16	1°10	27°26	26°11	15°26	n.a.	F 3
S 4	3 43 18	26°36'46	0♈45	2°12	21°12	0°36	7°14	14°18	10°31	26°14	1° 8	27°27	26° 8	15°32	n.a.	S 4
S 5	3 47 15	27°37'55	14°44	3°55	22°25	0°48	7° 7	14°25	10°35	26°12	1° 7	27°29	26° 5	15°39	n.a.	S 5
M 6	3 51 11	28°39'03	29°10	5°37	23°39	0°58	7° 0	14°32	10°38	26°11	1° 6	27°R29	26° 2	15°46	n.a.	M 6
T 7	3 55 8	29°40'10	14♉ 0	7°21	24°52	1° 9	6°53	14°39	10°42	26° 9	1° 5	27°28	25°58	15°52	n.a.	T 7
W 8	3 59 4	0♐41'15	29° 8	9° 4	26° 6	1°18	6°46	14°46	10°45	26° 7	1° 4	27°26	25°55	15°59	n.a.	W 8
T 9	4 3 1	1°42'20	14♊24	10°48	27°20	1°27	6°39	14°54	10°49	26° 6	1° 3	27°22	25°52	16° 6	n.a.	T 9
F 10	4 6 57	2°43'24	29°37	12°31	28°33	1°36	6°33	15° 1	10°52	26° 4	1° 2	27°16	25°49	16°12	n.a.	F 10
S 11	4 10 54	3°44'27	14♋38	14°15	29°47	1°44	6°26	15° 8	10°55	26° 2	1° 1	27°11	25°46	16°19	n.a.	S 11
S 12	4 14 51	4°45'28	29°18	15°58	1♏ 1	1°51	6°20	15°15	10°59	26° 1	1° 0	27° 6	25°43	16°26	n.a.	S 12
M13	4 18 47	5°46'29	13♌32	17°42	2°14	1°58	6°14	15°22	11° 2	25°59	0°59	27° 2	25°39	16°33	n.a.	M13
T 14	4 22 44	6°47'29	27°19	19°25	3°28	2° 4	6° 8	15°29	11° 6	25°57	0°58	27° 0	25°36	16°39	n.a.	T 14
W15	4 26 40	7°48'28	10♍38	21° 7	4°42	2° 9	6° 2	15°37	11° 9	25°56	0°57	26°D59	25°33	16°46	n.a.	W15
T 16	4 30 37	8°49'26	23°33	22°48	5°56	2°13	5°56	15°44	11°12	25°54	0°57	27° 0	25°30	16°53	n.a.	T 16
F 17	4 34 33	9°50'23	6♎ 8	24°28	7°10	2°17	5°50	15°51	11°15	25°52	0°56	27° 2	25°27	16°59	n.a.	F 17
S 18	4 38 30	10°51'18	18°27	26° 6	8°23	2°21	5°45	15°58	11°19	25°51	0°55	27° 3	25°23	17° 6	n.a.	S 18
S 19	4 42 27	11°52'13	0♏35	27°42	9°37	2°23	5°39	16° 6	11°22	25°49	0°54	27°R 3	25°20	17°13	n.a.	S 19
M20	4 46 23	12°53'06	12°33	29°15	10°51	2°25	5°34	16°13	11°25	25°47	0°53	27° 2	25°17	17°19	n.a.	M20
T 21	4 50 20	13°53'58	24°27	0♑46	12° 5	2°26	5°29	16°20	11°28	25°46	0°52	26°58	25°14	17°26	n.a.	T 21
W22	4 54 16	14°54'49	6♐18	2°13	13°19	2°R26	5°24	16°27	11°32	25°44	0°51	26°52	25°11	17°33	n.a.	W22
T 23	4 58 13	15°55'38	18° 8	3°35	14°33	2°26	5°20	16°35	11°35	25°43	0°51	26°44	25° 8	17°39	n.a.	T 23
F 24	5 2 9	16°56'26	29°58	4°53	15°47	2°25	5°15	16°42	11°38	25°41	0°50	26°34	25° 4	17°46	n.a.	F 24
S 25	5 6 6	17°57'12	11♑52	6° 5	17° 0	2°23	5°11	16°49	11°41	25°39	0°49	26°24	25° 1	17°53	n.a.	S 25
S 26	5 10 2	18°57'56	23°49	7°10	18°14	2°20	5° 7	16°56	11°44	25°38	0°48	26°13	24°58	18° 0	n.a.	S 26
M27	5 13 59	19°58'39	5♒53	8° 8	19°28	2°16	5° 3	17° 4	11°47	25°36	0°48	26° 4	24°55	18° 6	n.a.	M27
T 28	5 17 56	20°59'19	18° 5	8°59	20°42	2°12	4°59	17°11	11°50	25°35	0°47	25°57	24°52	18°13	n.a.	T 28
W29	5 21 52	21°59'58	0♓28	9°41	21°56	2° 7	4°56	17°18	11°53	25°33	0°46	25°52	24°49	18°20	n.a.	W29
T 30	5 25 49	23° 0'35	13° 7	10°13	23°10	2° 1	4°52	17°25	11°56	25°32	0°45	25°49	24°45	18°26	n.a.	T 30
F 31	5 29 45	24♐ 1'09	26♓ 4	10♑36	24♏24	1♌55	4♉49	17♐33	11♏59	25♉30	0♉45	25°D49	24♎42	18♐33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	19s 2	10s 7	4n47	21s46	1s54	5s14	1n55	23n26	2n56	13n45	0s37	22s51	0n 5	15s 3	0n11	18n36	1s 9	5n 3	7s33	10s45	10s21	19s14			n.a.
T 2	19 18	6 17	4 12	22 11	1 56	5 44	1 54	23 25	2 58	13 42	0 37	22 52	0 5	15 4	0 11	18 36	1 9	5 3	7 33	10 46	10 20	19 14			n.a.
F 3	19 33	2 2	3 23	22 35	1 58	6 14	1 53	23 24	3 0	13 40	0 37	22 53	0 5	15 5	0 11	18 36	1 9	5 3	7 33	10 46	10 19	19 14			n.a.
S 4	19 48	2n28	2 22	22 58	1 59	6 43	1 51	23 24	3 2	13 38	0 37	22 54	0 5	15 6	0 11	18 35	1 9	5 3	7 33	10 47	10 17	19 14			n.a.
S 5	20 2	6 59	1 9	23 20	2 0	7 13	1 50	23 23	3 4	13 36	0 36	22 55	0 5	15 7	0 11	18 35	1 9	5 2	7 32	10 47	10 16	19 14			n.a.
M 6	20 16	11 15	0s 9	23 40	2 1	7 42	1 48	23 23	3 7	13 34	0 36	22 56	0 5	15 8	0 11	18 34	1 9	5 2	7 32	10 47	10 15	19 14			n.a.
T 7	20 29	14 57	1 29	23 58	2 1	8 11	1 46	23 23	3 9	13 31	0 36	22 57	0 5	15 9	0 11	18 34	1 9	5 2	7 32	10 47	10 14	19 15			n.a.
W 8	20 43	17 42	2 44	24 15	2 1	8 40	1 44	23 23	3 11	13 29	0 36	22 57	0 5	15 11	0 11	18 34	1 9	5 2	7 32	10 46	10 13	19 15			n.a.
T 9	20 55	19 13	3 48	24 30	2 0	9 8	1 43	23 23	3 13	13 27	0 35	22 58	0 5	15 12	0 11	18 33	1 9	5 1	7 32	10 44	10 12	19 15			n.a.
F 10	21 8	19 19	4 36	24 43	1 58	9 37	1 41	23 23	3 16	13 25	0 35	22 59	0 5	15 13	0 11	18 33	1 9	5 1	7 32	10 43	10 10	19 15			n.a.
S 11	21 20	18 4	5 4	24 54	1 56	10 5	1 39	23 23	3 18	13 23	0 35	23 0	0 5	15 14	0 11	18 32	1 9	5 1	7 32	10 41	10 9	19 15			n.a.
S 12	21 31	15 39	5 11	25 3	1 54	10 33	1 37	23 24	3 20	13 21	0 35	23 1	0 5	15 15	0 11	18 32	1 9	5 1	7 32	10 39	10 8	19 15			n.a.
M13	21 42	12 20	4 59	25 11	1 50	11 1	1 35	23 25	3 23	13 19	0 35	23 2	0 4	15 16	0 11	18 32	1 9	5 1	7 31	10 37	10 7	19 15			n.a.
T 14	21 53	8 27	4 29	25 16	1 46	11 29	1 33	23 26	3 25	13 18	0 34	23 3	0 4	15 17	0 11	18 31	1 9	5 0	7 31	10 37	10 6	19 15			n.a.
W15	22 3	4 15	3 46	25 19	1 42	11 56	1 30	23 27	3 27	13 16	0 34	23 4	0 4	15 18	0 11	18 31	1 9	5 0	7 31	10 36	10 4	19 15			n.a.
T 16	22 13	0s 1	2 52	25 19	1 36	12 23	1 28	23 28	3 30	13 14	0 34	23 4	0 4	15 19	0 11	18 31	1 9	5 0	7 31	10 37	10 3	19 16			n.a.
F 17	22 23	4 11	1 51	25 18	1 30	12 50	1 26	23 29	3 32	13 12	0 34	23 5	0 4	15 20	0 11	18 30	1 9	5 0	7 31	10 37	10 2	19 16			n.a.
S 18	22 32	8 6	0 47	25 14	1 22	13 16	1 24	23 31	3 34	13 11	0 34	23 6	0 4	15 21	0 11	18 30	1 9	5 0	7 31	10 38	10 1	19 16			n.a.
S 19	22 40	11 37	0n19	25 9	1 14	13 42	1 21	23 33	3 37	13 9	0 33	23 7	0 4	15 22	0 11	18 29	1 9	5 0	7 30	10 38	10 0	19 16			n.a.
M20	22 48	14 36	1 23	25 1	1 5	14 8	1 19	23 34	3 39	13 8	0 33	23 8	0 4	15 23	0 11	18 29	1 9	4 59	7 30	10 37	9 59	19 16			n.a.
T 21	22 56	16 58	2 23	24 51	0 55	14 34	1 16	23 37	3 42	13 6	0 33	23 9	0 4	15 24	0 11	18 29	1 9	4 59	7 30	10 36	9 57	19 16			n.a.
W22	23 3	18 35	3 16	24 39	0 44	14 59	1 14	23 39	3 44	13 5	0 33	23 10	0 4	15 25	0 11	18 28	1 9	4 59	7 30	10 34	9 56	19 16			n.a.
T 23	23 10	19 24	4 0	24 25	0 33	15 24	1 12	23 41	3 47	13 3	0 32	23 10	0 4	15 26	0 11	18 28	1 9	4 59	7 30	10 31	9 55	19 16			n.a.
F 24	23 16	19 22	4 34	24 10	0 20	15 48	1 9	23 44	3 49	13 2	0 32	23 11	0 4	15 27	0 11	18 28	1 9	4 59	7 30	10 27	9 54	19 16			n.a.
S 25	23 22	18 28	4 56	23 53	0 6	16 12	1 6	23 47	3 51	13 1	0 32	23 12	0 4	15 28	0 11	18 27	1 9	4 59	7 29	10 23	9 53	19 16			n.a.
S 26	23 27	16 46	5 5	23 36	0n 8	16 35	1 4	23 50	3 54	13 0	0 32	23 13	0 3	15 29	0 11	18 27	1 9	4 59	7 29	10 19	9 51	19 16			n.a.
M27	23 32	14 19	5 1	23 17	0 23	16 58	1 1	23 53	3 56	12 58	0 32	23 14	0 3	15 30	0 11	18 27	1 9	4 59	7 29	10 16	9 50	19 16			n.a.
T 28	23 37	11 14	4 44	22 58	0 39	17 21	0 59	23 56	3 59	12 57	0 31	23 14	0 3	15 31	0 11	18 26	1 9	4 59	7 29	10 13	9 49	19 17			n.a.
W29	23 41	7 36	4 12	22 38	0 56	17 43	0 56	24 0	4 1	12 56	0 31	23 15	0 3	15 32	0 11	18 26	1 9	4 59	7 29	10 11	9 48	19 17			n.a.
T 30	23 44	3 34	3 28	22 19	1 13	18 5	0 53	24 3	4 3	12 55	0 31	23 16	0 3	15 33	0 11	18 26	1 8	4 58	7 29	10 11	9 47	19 17			n.a.
F 31	23s47	0n44	2n32	22s 0	1n30	18s26	0n50	24n 7	4n 6	12n55	0s31	23s17	0n 3	15s34	0n11	18n25	1s 8	4n58	7s28	10s10	9s45	19s17			n.a.

Julian Day Number = 974821.5, Delta T = 13h20m55s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'08, Lahiri = -32°08'08 Julian Calendar 1 Dec. 2045 BCE == Greg. Calendar 14 Nov. 2045 BCE

The year -2044 astronomical counting style corresponds to year 2045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

JANUARY 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 33 42	25♐ 1'42	9♈24	10♑48	25♏38	1°R47	4°R46	17♐40	12♏ 2	25°R29	0°R44	25♎50	24♎39	18♐40	n.a.	S 1
S 2	5 37 38	26° 2'12	23°10	10°R51	26°52	1♌39	4♉43	17°47	12° 5	25♉28	0♉43	25°R50	24°36	18°46	n.a.	S 2
M 3	5 41 35	27° 2'41	7♉24	10°43	28° 5	1°30	4°41	17°54	12° 7	25°26	0°43	25°50	24°33	18°53	n.a.	M 3
T 4	5 45 31	28° 3'07	22° 3	10°24	29°19	1°20	4°38	18° 1	12°10	25°25	0°42	25°47	24°29	19° 0	n.a.	T 4
W 5	5 49 28	29° 3'32	7♊ 4	9°56	0♐33	1°10	4°36	18° 9	12°13	25°23	0°42	25°42	24°26	19° 7	n.a.	W 5
T 6	5 53 25	0♑ 3'54	22°20	9°19	1°47	0°59	4°34	18°16	12°16	25°22	0°41	25°34	24°23	19°13	n.a.	T 6
F 7	5 57 21	1° 4'15	7♋40	8°34	3° 1	0°47	4°32	18°23	12°18	25°21	0°41	25°25	24°20	19°20	n.a.	F 7
S 8	6 1 18	2° 4'33	22°52	7°42	4°15	0°34	4°30	18°30	12°21	25°20	0°40	25°14	24°17	19°27	n.a.	S 8
S 9	6 5 14	3° 4'50	7♌46	6°44	5°29	0°20	4°29	18°37	12°24	25°18	0°40	25° 5	24°14	19°33	n.a.	S 9
M10	6 9 11	4° 5'05	22°14	5°42	6°43	0° 6	4°28	18°44	12°26	25°17	0°39	24°57	24°10	19°40	n.a.	M10
T 11	6 13 7	5° 5'18	6♍12	4°38	7°56	29♋51	4°27	18°51	12°29	25°16	0°39	24°51	24° 7	19°47	n.a.	T 11
W12	6 17 4	6° 5'29	19°40	3°33	9°10	29°36	4°26	18°58	12°31	25°15	0°38	24°48	24° 4	19°53	n.a.	W12
T 13	6 21 0	7° 5'39	2♎39	2°30	10°24	29°19	4°25	19° 5	12°34	25°13	0°38	24°D46	24° 1	20° 0	n.a.	T 13
F 14	6 24 57	8° 5'47	15°15	1°28	11°38	29° 2	4°25	19°13	12°36	25°12	0°38	24°46	23°58	20° 7	n.a.	F 14
S 15	6 28 54	9° 5'53	27°32	0°30	12°52	28°44	4°25	19°20	12°38	25°11	0°37	24°R47	23°55	20°14	n.a.	S 15
S 16	6 32 50	10° 5'57	9♏34	29♐36	14° 6	28°26	4°D25	19°26	12°41	25°10	0°37	24°46	23°51	20°20	n.a.	S 16
M17	6 36 47	11° 6'00	21°28	28°48	15°20	28° 7	4°25	19°33	12°43	25° 9	0°37	24°43	23°48	20°27	n.a.	M17
T 18	6 40 43	12° 6'00	3♑18	28° 6	16°34	27°48	4°25	19°40	12°45	25° 8	0°36	24°37	23°45	20°34	n.a.	T 18
W19	6 44 40	13° 5'59	15° 6	27°30	17°47	27°28	4°26	19°47	12°48	25° 7	0°36	24°28	23°42	20°40	n.a.	W19
T 20	6 48 36	14° 5'56	26°57	27° 1	19° 1	27° 7	4°26	19°54	12°50	25° 6	0°36	24°17	23°39	20°47	n.a.	T 20
F 21	6 52 33	15° 5'51	8♑51	26°39	20°15	26°46	4°27	20° 1	12°52	25° 5	0°36	24° 3	23°35	20°54	n.a.	F 21
S 22	6 56 29	16° 5'43	20°51	26°23	21°29	26°25	4°28	20° 8	12°54	25° 4	0°35	23°49	23°32	21° 0	n.a.	S 22
S 23	7 0 26	17° 5'34	2♒57	26°14	22°43	26° 3	4°30	20°14	12°56	25° 3	0°35	23°34	23°29	21° 7	n.a.	S 23
M24	7 4 23	18° 5'22	15°10	26°D12	23°57	25°41	4°31	20°21	12°58	25° 2	0°35	23°22	23°26	21°14	n.a.	M24
T 25	7 8 19	19° 5'08	27°32	26°16	25°11	25°19	4°33	20°28	13° 0	25° 1	0°35	23°11	23°23	21°21	n.a.	T 25
W26	7 12 16	20° 4'51	10♓ 5	26°25	26°24	24°56	4°35	20°35	13° 2	25° 0	0°35	23° 3	23°20	21°27	n.a.	W26
T 27	7 16 12	21° 4'32	22°49	26°41	27°38	24°33	4°37	20°41	13° 4	25° 0	0°35	22°58	23°16	21°34	n.a.	T 27
F 28	7 20 9	22° 4'11	5♈48	27° 1	28°52	24°10	4°39	20°48	13° 6	24°59	0°35	22°56	23°13	21°41	n.a.	F 28
S 29	7 24 5	23° 3'47	19° 5	27°26	0♑ 6	23°47	4°42	20°54	13° 7	24°58	0°35	22°56	23°10	21°47	n.a.	S 29
S 30	7 28 2	24° 3'20	2♉42	27°57	1°20	23°23	4°44	21° 1	13° 9	24°57	0°D35	22°56	23° 7	21°54	n.a.	S 30
M31	7 31 58	25♑ 2'51	16♉42	28♐31	2♑33	23♋ 0	4♉47	21♐ 7	13♏11	24♉57	0♉35	22♎55	23♎ 4	22♐ 1	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	5n 8	1n27	21s41	1n47	18s47	0n48	24n11	4n 8	12n54	0s30	23s17	0n 3	15s35	0n11	18n25	1s 8	4n58	7s28	10s11	9s44	19s17		n.a.
S 2	23 52	9 24	0 14	21 24	2 5	19 7	0 45	24 15	4 10	12 53	0 30	23 18	0 3	15 36	0 11	18 25	1 8	4 58	7 28	10 11	9 43	19 17		n.a.
M 3	23 54	13 18	1s 1	21 8	2 22	19 27	0 42	24 20	4 12	12 52	0 30	23 19	0 3	15 36	0 11	18 24	1 8	4 58	7 28	10 11	9 42	19 17		n.a.
T 4	23 55	16 29	2 15	20 53	2 38	19 46	0 39	24 24	4 15	12 52	0 30	23 20	0 3	15 37	0 11	18 24	1 8	4 58	7 28	10 10	9 41	19 17		n.a.
W 5	23 55	18 38	3 21	20 40	2 53	20 5	0 37	24 28	4 17	12 51	0 29	23 20	0 3	15 38	0 11	18 24	1 8	4 58	7 27	10 8	9 40	19 17		n.a.
T 6	23 56	19 28	4 14	20 28	3 8	20 23	0 34	24 33	4 19	12 51	0 29	23 21	0 3	15 39	0 11	18 23	1 8	4 58	7 27	10 5	9 38	19 17		n.a.
F 7	23 55	18 54	4 49	20 19	3 20	20 41	0 31	24 38	4 21	12 50	0 29	23 22	0 2	15 40	0 11	18 23	1 8	4 58	7 27	10 1	9 37	19 17		n.a.
S 8	23 55	16 58	5 3	20 11	3 31	20 58	0 28	24 43	4 23	12 50	0 29	23 23	0 2	15 41	0 11	18 23	1 8	4 58	7 27	9 58	9 36	19 17		n.a.
S 9	23 53	13 56	4 56	20 5	3 41	21 14	0 26	24 48	4 25	12 50	0 29	23 23	0 2	15 42	0 11	18 23	1 8	4 58	7 27	9 54	9 35	19 17		n.a.
M10	23 52	10 8	4 30	20 1	3 48	21 30	0 23	24 53	4 27	12 49	0 28	23 24	0 2	15 42	0 11	18 22	1 8	4 58	7 26	9 51	9 34	19 17		n.a.
T 11	23 50	5 54	3 48	19 58	3 52	21 45	0 20	24 58	4 29	12 49	0 28	23 25	0 2	15 43	0 11	18 22	1 8	4 58	7 26	9 49	9 32	19 17		n.a.
W12	23 47	1 30	2 55	19 58	3 55	22 0	0 17	25 3	4 31	12 49	0 28	23 25	0 2	15 44	0 11	18 22	1 8	4 58	7 26	9 48	9 31	19 17		n.a.
T 13	23 44	2s49	1 55	19 59	3 56	22 14	0 14	25 9	4 33	12 49	0 28	23 26	0 2	15 45	0 11	18 22	1 8	4 58	7 26	9 47	9 30	19 17		n.a.
F 14	23 40	6 54	0 50	20 1	3 54	22 27	0 12	25 14	4 34	12 49	0 27	23 27	0 2	15 45	0 11	18 21	1 8	4 59	7 26	9 47	9 29	19 17		n.a.
S 15	23 36	10 35	0n15	20 5	3 50	22 39	0 9	25 20	4 36	12 49	0 27	23 27	0 2	15 46	0 11	18 21	1 8	4 59	7 25	9 47	9 28	19 17		n.a.
S 16	23 32	13 45	1 18	20 11	3 45	22 51	0 6	25 25	4 38	12 50	0 27	23 28	0 2	15 47	0 11	18 21	1 8	4 59	7 25	9 47	9 26	19 17		n.a.
M17	23 27	16 18	2 17	20 17	3 38	23 3	0 3	25 30	4 39	12 50	0 27	23 29	0 2	15 48	0 11	18 21	1 8	4 59	7 25	9 46	9 25	19 17		n.a.
T 18	23 22	18 9	3 9	20 25	3 29	23 13	0 1	25 36	4 40	12 50	0 27	23 29	0 2	15 48	0 11	18 20	1 8	4 59	7 25	9 44	9 24	19 17		n.a.
W19	23 16	19 13	3 53	20 34	3 20	23 23	0s 2	25 41	4 42	12 51	0 26	23 30	0 2	15 49	0 11	18 20	1 8	4 59	7 25	9 40	9 23	19 17		n.a.
T 20	23 10	19 26	4 27	20 44	3 9	23 32	0 5	25 47	4 43	12 51	0 26	23 30	0 1	15 50	0 11	18 20	1 8	4 59	7 24	9 36	9 22	19 17		n.a.
F 21	23 3	18 49	4 50	20 55	2 58	23 41	0 7	25 52	4 44	12 52	0 26	23 31	0 1	15 50	0 11	18 20	1 8	4 59	7 24	9 31	9 20	19 17		n.a.
S 22	22 56	17 21	4 59	21 6	2 46	23 49	0 10	25 57	4 45	12 52	0 26	23 32	0 1	15 51	0 11	18 20	1 8	4 59	7 24	9 25	9 19	19 17		n.a.
S 23	22 48	15 6	4 56	21 19	2 34	23 56	0 13	26 2	4 46	12 53	0 25	23 32	0 1	15 52	0 11	18 19	1 8	4 59	7 24	9 20	9 18	19 17		n.a.
M24	22 40	12 11	4 39	21 31	2 21	24 2	0 15	26 8	4 47	12 54	0 25	23 33	0 1	15 52	0 11	18 19	1 8	5 0	7 24	9 15	9 17	19 17		n.a.
T 25	22 32	8 42	4 8	21 44	2 8	24 8	0 18	26 13	4 47	12 54	0 25	23 33	0 1	15 53	0 11	18 19	1 8	5 0	7 23	9 11	9 16	19 17		n.a.
W26	22 23	4 47	3 26	21 57	1 55	24 13	0 20	26 17	4 48	12 55	0 25	23 34	0 1	15 53	0 11	18 19	1 7	5 0	7 23	9 8	9 14	19 17		n.a.
T 27	22 14	0 35	2 32	22 11	1 42	24 17	0 23	26 22	4 48	12 56	0 25	23 35	0 1	15 54	0 11	18 19	1 7	5 0	7 23	9 7	9 13	19 17		n.a.
F 28	22 5	3n43	1 29	22 24	1 30	24 21	0 25	26 27	4 49	12 57	0 24	23 35	0 1	15 55	0 11	18 19	1 7	5 0	7 23	9 6	9 12	19 17		n.a.
S 29	21 55	7 56	0 20	22 37	1 17	24 24	0 28	26 31	4 49	12 58	0 24	23 36	0 1	15 55	0 11	18 18	1 7	5 0	7 22	9 6	9 11	19 17		n.a.
S 30	21 44	11 51	0s51	22 50	1 4	24 26	0 30	26 36	4 49	12 59	0 24	23 36	0 1	15 56	0 11	18 18	1 7	5 1	7 22	9 5	9 10	19 17		n.a.
M31	21s33	15n13	2s 2	23s 3	0n52	24s27	0s33	26n40	4n49	13n 0	0s24	23s37	0n 1	15s56	0n11	18n18	1s 7	5n 1	7s22	9s 5	9s 8	19s17		n.a.

Julian Day Number = 974852.5, Delta T = 13h20m53s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'04, Lahiri = -32°08'04 Julian Calendar 1 Jan. 2044 BCE == Greg. Calendar 15 Dec. 2045 BCE

The year -2043 astronomical counting style corresponds to year 2044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

FEBRUARY 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 35 55	26♉ 2'20	1♊ 5	29♐10	3♉47	22°R37	4♉50	21♐14	13♏12	24°R56	0♉35	22°R52	23♎ 1	22♐ 7	n.a.	T 1
W 2	7 39 51	27° 1'46	15°48	29°52	5° 1	22♋13	4°53	21°20	13°14	24♉55	0°35	22♎46	22°57	22°14	n.a.	W 2
T 3	7 43 48	28° 1'10	0♋47	0♉39	6°15	21°50	4°57	21°26	13°16	24°55	0°35	22°38	22°54	22°21	n.a.	T 3
F 4	7 47 45	29° 0'31	15°53	1°28	7°29	21°27	5° 0	21°33	13°17	24°54	0°35	22°27	22°51	22°28	n.a.	F 4
S 5	7 51 41	29°59'50	0♌56	2°21	8°42	21° 4	5° 4	21°39	13°18	24°54	0°35	22°16	22°48	22°34	n.a.	S 5
S 6	7 55 38	0♒59'07	15°47	3°17	9°56	20°41	5° 8	21°45	13°20	24°53	0°35	22° 5	22°45	22°41	n.a.	S 6
M 7	7 59 34	1°58'22	0♍17	4°16	11°10	20°19	5°12	21°51	13°21	24°53	0°35	21°56	22°41	22°48	n.a.	M 7
T 8	8 3 31	2°57'34	14°20	5°17	12°24	19°57	5°16	21°57	13°23	24°52	0°35	21°48	22°38	22°54	n.a.	T 8
W 9	8 7 27	3°56'45	27°54	6°21	13°37	19°35	5°21	22° 3	13°24	24°52	0°36	21°44	22°35	23° 1	n.a.	W 9
T 10	8 11 24	4°55'53	11♎ 0	7°27	14°51	19°14	5°25	22° 9	13°25	24°52	0°36	21°42	22°32	23° 8	n.a.	T 10
F 11	8 15 20	5°55'00	23°40	8°36	16° 5	18°53	5°30	22°15	13°26	24°51	0°36	21°D42	22°29	23°15	n.a.	F 11
S 12	8 19 17	6°54'04	6♏ 0	9°47	17°19	18°32	5°35	22°21	13°27	24°51	0°36	21°R42	22°26	23°21	n.a.	S 12
S 13	8 23 13	7°53'07	18° 5	11° 0	18°32	18°12	5°40	22°27	13°28	24°51	0°37	21°42	22°22	23°28	n.a.	S 13
M14	8 27 10	8°52'08	0♐ 0	12°15	19°46	17°53	5°45	22°33	13°29	24°50	0°37	21°40	22°19	23°35	n.a.	M14
T 15	8 31 7	9°51'06	11°50	13°32	21° 0	17°34	5°51	22°39	13°30	24°50	0°37	21°35	22°16	23°41	n.a.	T 15
W16	8 35 3	10°50'03	23°39	14°51	22°14	17°15	5°56	22°44	13°31	24°50	0°38	21°28	22°13	23°48	n.a.	W16
T 17	8 39 0	11°48'58	5♑32	16°12	23°27	16°57	6° 2	22°50	13°32	24°50	0°38	21°19	22°10	23°55	n.a.	T 17
F 18	8 42 56	12°47'51	17°31	17°35	24°41	16°40	6° 8	22°55	13°33	24°50	0°39	21° 7	22° 6	24° 1	n.a.	F 18
S 19	8 46 53	13°46'42	29°39	18°59	25°55	16°24	6°14	23° 1	13°34	24°50	0°39	20°55	22° 3	24° 8	n.a.	S 19
S 20	8 50 49	14°45'30	11♒56	20°25	27° 9	16° 8	6°20	23° 6	13°34	24°50	0°39	20°42	22° 0	24°15	n.a.	S 20
M21	8 54 46	15°44'17	24°23	21°53	28°22	15°53	6°27	23°12	13°35	24°D50	0°40	20°31	21°57	24°22	n.a.	M21
T 22	8 58 42	16°43'01	7♓ 1	23°23	29°36	15°39	6°33	23°17	13°36	24°50	0°40	20°22	21°54	24°28	n.a.	T 22
W23	9 2 39	17°41'43	19°50	24°54	0♒50	15°25	6°40	23°22	13°36	24°50	0°41	20°15	21°51	24°35	n.a.	W23
T 24	9 6 35	18°40'22	2♈50	26°26	2° 3	15°12	6°47	23°27	13°37	24°50	0°41	20°12	21°47	24°42	n.a.	T 24
F 25	9 10 32	19°39'00	16° 3	28° 1	3°17	15° 0	6°54	23°33	13°37	24°50	0°42	20°D10	21°44	24°48	n.a.	F 25
S 26	9 14 29	20°37'35	29°28	29°37	4°31	14°49	7° 1	23°38	13°38	24°50	0°43	20°10	21°41	24°55	n.a.	S 26
S 27	9 18 25	21°36'07	13♉ 8	1♒14	5°44	14°39	7° 8	23°43	13°38	24°50	0°43	20°11	21°38	25° 2	n.a.	S 27
M28	9 22 22	22♒34'37	27♉ 3	2♒53	6♒58	14♋29	7♉15	23♐47	13♏38	24♉51	0♉44	20°R11	21♎35	25♐ 9	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s22	17n45	3s 7	23s15	0n40	24s27	0s35	26n44	4n49	13n 2	0s24	23s37	0n 1	15s57	0n11	18n18	1s 7	5n 1	7s22	9s 4	9s 7	19s17		n.a.
W 2	21 11	19 10	4 1	23 27	0 28	24 27	0 37	26 48	4 49	13 3	0 23	23 38	0 0	15 57	0 11	18 18	1 7	5 1	7 22	9 2	9 6	19 16		n.a.
T 3	20 59	19 16	4 39	23 39	0 17	24 26	0 40	26 51	4 48	13 4	0 23	23 38	0 0	15 58	0 11	18 18	1 7	5 1	7 21	8 59	9 5	19 16		n.a.
F 4	20 46	18 1	4 59	23 49	0 6	24 24	0 42	26 55	4 48	13 6	0 23	23 39	0 0	15 58	0 11	18 18	1 7	5 2	7 21	8 55	9 4	19 16		n.a.
S 5	20 34	15 32	4 57	23 59	0s 5	24 22	0 44	26 58	4 47	13 7	0 23	23 39	0 0	15 59	0 11	18 18	1 7	5 2	7 21	8 50	9 2	19 16		n.a.
S 6	20 21	12 3	4 36	24 8	0 15	24 19	0 46	27 1	4 46	13 9	0 22	23 40	0 0	15 59	0 11	18 18	1 7	5 2	7 21	8 46	9 1	19 16		n.a.
M 7	20 7	7 55	3 57	24 17	0 25	24 15	0 48	27 3	4 46	13 10	0 22	23 40	0 0	15 59	0 11	18 18	1 7	5 2	7 21	8 43	9 0	19 16		n.a.
T 8	19 54	3 28	3 4	24 24	0 35	24 10	0 50	27 6	4 45	13 12	0 22	23 41	0s 0	16 0	0 11	18 17	1 7	5 3	7 20	8 40	8 59	19 16		n.a.
W 9	19 40	1s 1	2 3	24 30	0 44	24 5	0 52	27 8	4 44	13 14	0 22	23 41	0 0	16 0	0 11	18 17	1 7	5 3	7 20	8 38	8 58	19 16		n.a.
T 10	19 25	5 18	0 56	24 35	0 53	23 59	0 54	27 10	4 43	13 15	0 22	23 42	0 0	16 1	0 11	18 17	1 7	5 3	7 20	8 38	8 56	19 16		n.a.
F 11	19 10	9 13	0n10	24 39	1 1	23 52	0 56	27 12	4 41	13 17	0 21	23 42	0 0	16 1	0 11	18 17	1 7	5 4	7 20	8 37	8 55	19 16		n.a.
S 12	18 55	12 37	1 15	24 42	1 9	23 44	0 58	27 14	4 40	13 19	0 21	23 42	0 0	16 1	0 11	18 17	1 7	5 4	7 19	8 37	8 54	19 16		n.a.
S 13	18 40	15 24	2 15	24 44	1 17	23 36	1 0	27 15	4 39	13 21	0 21	23 43	0 0	16 2	0 11	18 17	1 7	5 4	7 19	8 37	8 53	19 16		n.a.
M14	18 24	17 30	3 8	24 44	1 24	23 27	1 2	27 17	4 37	13 23	0 21	23 43	0 1	16 2	0 11	18 17	1 7	5 5	7 19	8 37	8 52	19 15		n.a.
T 15	18 8	18 49	3 53	24 43	1 30	23 17	1 3	27 18	4 35	13 25	0 21	23 44	0 1	16 2	0 11	18 17	1 7	5 5	7 19	8 35	8 50	19 15		n.a.
W16	17 52	19 19	4 28	24 41	1 37	23 7	1 5	27 19	4 34	13 27	0 21	23 44	0 1	16 2	0 11	18 17	1 7	5 5	7 19	8 32	8 49	19 15		n.a.
T 17	17 36	18 58	4 51	24 37	1 42	22 56	1 7	27 19	4 32	13 29	0 20	23 44	0 1	16 3	0 11	18 17	1 6	5 5	7 18	8 29	8 48	19 15		n.a.
F 18	17 19	17 46	5 1	24 31	1 48	22 44	1 8	27 20	4 30	13 31	0 20	23 45	0 1	16 3	0 11	18 17	1 6	5 6	7 18	8 24	8 47	19 15		n.a.
S 19	17 2	15 47	4 58	24 25	1 53	22 32	1 10	27 20	4 28	13 33	0 20	23 45	0 1	16 3	0 11	18 17	1 6	5 6	7 18	8 19	8 46	19 15		n.a.
S 20	16 44	13 3	4 42	24 16	1 57	22 19	1 11	27 20	4 26	13 36	0 20	23 46	0 1	16 3	0 11	18 17	1 6	5 7	7 18	8 15	8 44	19 15		n.a.
M21	16 27	9 43	4 12	24 6	2 1	22 5	1 12	27 20	4 24	13 38	0 20	23 46	0 1	16 4	0 11	18 17	1 6	5 7	7 18	8 10	8 43	19 15		n.a.
T 22	16 9	5 53	3 29	23 54	2 5	21 51	1 14	27 19	4 22	13 40	0 19	23 46	0 1	16 4	0 11	18 17	1 6	5 7	7 17	8 7	8 42	19 15		n.a.
W23	15 50	1 45	2 34	23 41	2 8	21 36	1 15	27 19	4 20	13 43	0 19	23 47	0 1	16 4	0 11	18 18	1 6	5 8	7 17	8 4	8 41	19 14		n.a.
T 24	15 32	2n32	1 31	23 25	2 10	21 20	1 16	27 18	4 18	13 45	0 19	23 47	0 1	16 4	0 11	18 18	1 6	5 8	7 17	8 3	8 40	19 14		n.a.
F 25	15 13	6 46	0 22	23 8	2 12	21 4	1 17	27 17	4 15	13 48	0 19	23 47	0 1	16 4	0 11	18 18	1 6	5 8	7 17	8 2	8 38	19 14		n.a.
S 26	14 54	10 44	0s50	22 50	2 14	20 47	1 18	27 16	4 13	13 50	0 19	23 48	0 1	16 4	0 11	18 18	1 6	5 9	7 17	8 2	8 37	19 14		n.a.
S 27	14 35	14 12	2 0	22 29	2 15	20 30	1 19	27 15	4 11	13 53	0 18	23 48	0 2	16 4	0 11	18 18	1 6	5 9	7 16	8 3	8 36	19 14		n.a.
M28	14s16	16n55	3s 4	22s 6	2s16	20s12	1s20	27n14	4n 8	13n56	0s18	23s48	0s 2	16s 5	0n11	18n18	1s 6	5n10	7s16	8s 3	8s35	19s14		n.a.

Julian Day Number = 974883.5, Delta T = 13h20m51s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°15'00, Lahiri = -32°07'59 Julian Calendar 1 Feb. 2044 BCE == Greg. Calendar 15 Jan. 2044 BCE

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

MARCH 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 26 18	23♒33'05	11♊14	4♒34	8♒12	14°R20	7♉23	23♐52	13♏38	24♉51	0♉44	20°R10	21♎32	25♐15	n.a.	T 1
W 2	9 30 15	24°31'31	25°39	6°16	9°25	14♋12	7°31	23°57	13°39	24°51	0°45	20♎ 7	21°28	25°22	n.a.	W 2
T 3	9 34 11	25°29'54	10♋15	8° 0	10°39	14° 5	7°38	24° 2	13°39	24°51	0°46	20° 1	21°25	25°29	n.a.	T 3
F 4	9 38 8	26°28'15	24°56	9°46	11°53	13°58	7°46	24° 6	13°39	24°52	0°47	19°54	21°22	25°35	n.a.	F 4
S 5	9 42 4	27°26'34	9♌36	11°33	13° 6	13°52	7°54	24°11	13°R39	24°52	0°47	19°45	21°19	25°42	n.a.	S 5
S 6	9 46 1	28°24'51	24° 7	13°21	14°20	13°48	8° 2	24°15	13°39	24°53	0°48	19°37	21°16	25°49	n.a.	S 6
M 7	9 49 57	29°23'05	8♍23	15°12	15°34	13°44	8°11	24°20	13°39	24°53	0°49	19°31	21°12	25°56	n.a.	M 7
T 8	9 53 54	0♓21'18	22°17	17° 4	16°47	13°40	8°19	24°24	13°39	24°54	0°49	19°26	21° 9	26° 2	n.a.	T 8
W 9	9 57 51	1°19'29	5♎48	18°57	18° 1	13°38	8°28	24°28	13°39	24°54	0°50	19°23	21° 6	26° 9	n.a.	W 9
T 10	10 1 47	2°17'38	18°54	20°53	19°14	13°36	8°36	24°32	13°38	24°55	0°51	19°D22	21° 3	26°16	n.a.	T 10
F 11	10 5 44	3°15'45	1♏37	22°50	20°28	13°35	8°45	24°36	13°38	24°55	0°52	19°22	21° 0	26°22	n.a.	F 11
S 12	10 9 40	4°13'51	14° 0	24°48	21°42	13°D35	8°54	24°40	13°38	24°56	0°53	19°24	20°57	26°29	n.a.	S 12
S 13	10 13 37	5°11'55	26° 9	26°48	22°55	13°35	9° 3	24°44	13°37	24°57	0°54	19°25	20°53	26°36	n.a.	S 13
M14	10 17 33	6° 9'57	8♐ 6	28°50	24° 9	13°37	9°12	24°48	13°37	24°57	0°55	19°R25	20°50	26°43	n.a.	M14
T 15	10 21 30	7° 7'59	19°59	0♓53	25°23	13°39	9°21	24°52	13°37	24°58	0°55	19°24	20°47	26°49	n.a.	T 15
W16	10 25 26	8° 5'58	1♑50	2°57	26°36	13°41	9°30	24°56	13°36	24°59	0°56	19°22	20°44	26°56	n.a.	W16
T 17	10 29 23	9° 3'56	13°46	5° 3	27°50	13°45	9°40	24°59	13°36	24°59	0°57	19°17	20°41	27° 3	n.a.	T 17
F 18	10 33 19	10° 1'52	25°50	7°10	29° 3	13°49	9°49	25° 3	13°35	25° 0	0°58	19°11	20°38	27° 9	n.a.	F 18
S 19	10 37 16	10°59'47	8♒ 4	9°18	0♓17	13°54	9°59	25° 6	13°34	25° 1	0°59	19° 5	20°34	27°16	n.a.	S 19
S 20	10 41 13	11°57'40	20°31	11°26	1°31	14° 0	10° 9	25° 9	13°34	25° 2	1° 0	18°58	20°31	27°23	n.a.	S 20
M21	10 45 9	12°55'32	3♓13	13°36	2°44	14° 6	10°19	25°13	13°33	25° 3	1° 1	18°52	20°28	27°29	n.a.	M21
T 22	10 49 6	13°53'22	16° 8	15°45	3°58	14°13	10°29	25°16	13°32	25° 4	1° 2	18°47	20°25	27°36	n.a.	T 22
W23	10 53 2	14°51'10	29°18	17°55	5°12	14°20	10°39	25°19	13°31	25° 5	1° 3	18°44	20°22	27°43	n.a.	W23
T 24	10 56 59	15°48'57	12♈41	20° 5	6°25	14°29	10°49	25°22	13°30	25° 6	1° 4	18°D43	20°18	27°50	n.a.	T 24
F 25	11 0 55	16°46'42	26°15	22°14	7°39	14°38	10°59	25°25	13°29	25° 7	1° 5	18°43	20°15	27°56	n.a.	F 25
S 26	11 4 52	17°44'25	10♉ 0	24°23	8°52	14°47	11° 9	25°28	13°28	25° 8	1° 6	18°44	20°12	28° 3	n.a.	S 26
S 27	11 8 48	18°42'06	23°55	26°31	10° 6	14°58	11°20	25°30	13°27	25° 9	1° 8	18°45	20° 9	28°10	n.a.	S 27
M28	11 12 45	19°39'46	7♊58	28°37	11°20	15° 8	11°30	25°33	13°26	25°10	1° 9	18°47	20° 6	28°16	n.a.	M28
T 29	11 16 41	20°37'23	22° 8	0♈42	12°33	15°20	11°41	25°36	13°25	25°11	1°10	18°R47	20° 3	28°23	n.a.	T 29
W30	11 20 38	21°35'00	6♋23	2°46	13°47	15°32	11°52	25°38	13°24	25°12	1°11	18°46	19°59	28°30	n.a.	W30
T 31	11 24 35	22♓32'34	20♋40	4♈47	15♓ 0	15♋44	12♉ 2	25♐40	13♏23	25♉14	1♉12	18♎44	19♎56	28♐37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	13s57	18n39	3s58	21s42	2s16	19s53	1s21	27n13	4n 6	13n58	0s18	23s49	0s 2	16s 5	0n11	18n18	1s 6	5n10	7s16	8s 2	8s33	19s14			n.a.
W 2	13 37	19 13	4 39	21 16	2 15	19 34	1 22	27 11	4 3	14 1	0 18	23 49	0 2	16 5	0 11	18 18	1 6	5 10	7 16	8 1	8 32	19 13			n.a.
T 3	13 17	18 31	5 1	20 48	2 14	19 15	1 23	27 9	4 1	14 4	0 18	23 49	0 2	16 5	0 11	18 18	1 6	5 11	7 16	7 59	8 31	19 13			n.a.
F 4	12 57	16 35	5 5	20 18	2 13	18 54	1 23	27 8	3 58	14 6	0 18	23 50	0 2	16 5	0 11	18 18	1 6	5 11	7 15	7 56	8 30	19 13			n.a.
S 5	12 36	13 35	4 48	19 45	2 11	18 34	1 24	27 6	3 56	14 9	0 17	23 50	0 2	16 5	0 11	18 19	1 6	5 12	7 15	7 53	8 29	19 13			n.a.
S 6	12 16	9 47	4 13	19 11	2 8	18 13	1 25	27 4	3 53	14 12	0 17	23 50	0 2	16 5	0 11	18 19	1 6	5 12	7 15	7 50	8 27	19 13			n.a.
M 7	11 55	5 29	3 22	18 35	2 5	17 51	1 25	27 2	3 51	14 15	0 17	23 50	0 2	16 5	0 11	18 19	1 6	5 13	7 15	7 47	8 26	19 13			n.a.
T 8	11 34	0 58	2 21	17 57	2 1	17 29	1 25	26 59	3 48	14 18	0 17	23 51	0 2	16 5	0 11	18 19	1 6	5 13	7 15	7 45	8 25	19 12			n.a.
W 9	11 13	3s27	1 13	17 17	1 57	17 6	1 26	26 57	3 46	14 21	0 17	23 51	0 2	16 5	0 11	18 19	1 5	5 13	7 14	7 44	8 24	19 12			n.a.
T 10	10 52	7 35	0 3	16 35	1 52	16 43	1 26	26 55	3 43	14 24	0 17	23 51	0 3	16 5	0 11	18 19	1 5	5 14	7 14	7 44	8 23	19 12			n.a.
F 11	10 31	11 15	1n 6	15 52	1 47	16 19	1 26	26 52	3 41	14 27	0 16	23 51	0 3	16 5	0 11	18 20	1 5	5 14	7 14	7 44	8 21	19 12			n.a.
S 12	10 9	14 19	2 9	15 6	1 41	15 55	1 27	26 50	3 38	14 30	0 16	23 52	0 3	16 4	0 11	18 20	1 5	5 15	7 14	7 44	8 20	19 12			n.a.
S 13	9 48	16 41	3 6	14 18	1 34	15 31	1 27	26 47	3 35	14 33	0 16	23 52	0 3	16 4	0 11	18 20	1 5	5 15	7 14	7 45	8 19	19 11			n.a.
M14	9 26	18 16	3 53	13 29	1 27	15 6	1 27	26 44	3 33	14 36	0 16	23 52	0 3	16 4	0 11	18 20	1 5	5 16	7 13	7 45	8 18	19 11			n.a.
T 15	9 4	19 3	4 30	12 37	1 20	14 41	1 27	26 42	3 30	14 39	0 16	23 52	0 3	16 4	0 11	18 21	1 5	5 16	7 13	7 45	8 16	19 11			n.a.
W16	8 42	18 59	4 56	11 44	1 12	14 15	1 27	26 39	3 28	14 42	0 16	23 53	0 3	16 4	0 11	18 21	1 5	5 17	7 13	7 44	8 15	19 11			n.a.
T 17	8 20	18 5	5 8	10 50	1 3	13 49	1 26	26 36	3 25	14 46	0 15	23 53	0 3	16 4	0 11	18 21	1 5	5 17	7 13	7 42	8 14	19 11			n.a.
F 18	7 58	16 22	5 8	9 54	0 54	13 23	1 26	26 33	3 22	14 49	0 15	23 53	0 3	16 4	0 11	18 21	1 5	5 18	7 13	7 40	8 13	19 10			n.a.
S 19	7 35	13 54	4 53	8 56	0 45	12 56	1 26	26 30	3 20	14 52	0 15	23 53	0 3	16 3	0 11	18 21	1 5	5 18	7 13	7 37	8 12	19 10			n.a.
S 20	7 13	10 46	4 25	7 58	0 35	12 29	1 26	26 27	3 17	14 55	0 15	23 54	0 3	16 3	0 11	18 22	1 5	5 19	7 12	7 35	8 10	19 10			n.a.
M21	6 50	7 5	3 42	6 58	0 25	12 2	1 25	26 23	3 15	14 59	0 15	23 54	0 4	16 3	0 11	18 22	1 5	5 19	7 12	7 32	8 9	19 10			n.a.
T 22	6 28	3 0	2 48	5 57	0 15	11 34	1 25	26 20	3 12	15 2	0 15	23 54	0 4	16 3	0 11	18 22	1 5	5 20	7 12	7 30	8 8	19 10			n.a.
W23	6 5	1n18	1 44	4 56	0 5	11 6	1 24	26 17	3 10	15 5	0 15	23 54	0 4	16 2	0 11	18 23	1 5	5 20	7 12	7 29	8 7	19 9			n.a.
T 24	5 42	5 37	0 33	3 55	0n 6	10 38	1 24	26 13	3 7	15 9	0 14	23 54	0 4	16 2	0 11	18 23	1 5	5 21	7 12	7 29	8 5	19 9			n.a.
F 25	5 19	9 42	0s41	2 53	0 17	10 9	1 23	26 10	3 5	15 12	0 14	23 55	0 4	16 2	0 11	18 23	1 5	5 21	7 12	7 29	8 4	19 9			n.a.
S 26	4 56	13 19	1 54	1 51	0 28	9 40	1 22	26 6	3 2	15 15	0 14	23 55	0 4	16 2	0 11	18 23	1 5	5 22	7 11	7 29	8 3	19 9			n.a.
S 27	4 33	16 13	3 1	0 50	0 38	9 11	1 22	26 3	3 0	15 19	0 14	23 55	0 4	16 1	0 11	18 24	1 5	5 22	7 11	7 30	8 2	19 8			n.a.
M28	4 10	18 10	3 58	0n11	0 49	8 42	1 21	25 59	2 57	15 22	0 14	23 55	0 4	16 1	0 11	18 24	1 5	5 23	7 11	7 30	8 1	19 8			n.a.
T 29	3 47	19 1	4 40	1 11	0 59	8 13	1 20	25 55	2 55	15 26	0 14	23 55	0 4	16 1	0 11	18 24	1 5	5 23	7 11	7 30	7 59	19 8			n.a.
W30	3 24	18 40	5 6	2 10	1 9	7 43	1 19	25 51	2 53	15 29	0 14	23 55	0 4	16 0	0 11	18 25	1 5	5 24	7 11	7 30	7 58	19 8			n.a.
T 31	3s 1	17n 8	5s13	3n 8	1n19	7s13	1s18	25n47	2n50	15n33	0s13	23s56	0s 4	16s 0	0n11	18n25	1s 4	5n25	7s11	7s29	7s57	19s 7			n.a.

Julian Day Number = 974911.5, Delta T = 13h20m49s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'56, Lahiri = -32°07'56 Julian Calendar 1 March 2044 BCE == Greg. Calendar 12 Feb. 2044 BCE

The year -2043 astronomical counting style corresponds to year 2044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

APRIL 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 28 31	23♓30'06	4♌57	6♈46	16♓14	15♋58	12♉13	25♐43	13°R22	25♉15	1♉13	18°R41	19♎53	28♐43	n.a.	F 1
S 2	11 32 28	24°27'37	19° 9	8°42	17°28	16°11	12°24	25°45	13♏20	25°16	1°14	18♎38	19°50	28°50	n.a.	S 2
S 3	11 36 24	25°25'07	3♍12	10°36	18°41	16°26	12°35	25°47	13°19	25°17	1°16	18°35	19°47	28°57	n.a.	S 3
M 4	11 40 21	26°22'34	17° 3	12°28	19°55	16°40	12°46	25°49	13°18	25°19	1°17	18°32	19°43	29° 3	n.a.	M 4
T 5	11 44 17	27°20'01	0♎37	14°16	21° 8	16°56	12°57	25°51	13°16	25°20	1°18	18°30	19°40	29°10	n.a.	T 5
W 6	11 48 14	28°17'26	13°54	16° 2	22°22	17°11	13° 8	25°52	13°15	25°21	1°19	18°D29	19°37	29°17	n.a.	W 6
T 7	11 52 10	29°14'50	26°51	17°44	23°35	17°28	13°20	25°54	13°13	25°23	1°21	18°29	19°34	29°24	n.a.	T 7
F 8	11 56 7	0♈12'13	9♏29	19°24	24°49	17°45	13°31	25°56	13°12	25°24	1°22	18°30	19°31	29°30	n.a.	F 8
S 9	12 0 4	1° 9'35	21°52	21° 0	26° 3	18° 2	13°43	25°57	13°10	25°26	1°23	18°32	19°28	29°37	n.a.	S 9
S 10	12 4 0	2° 6'56	4♐ 1	22°34	27°16	18°20	13°54	25°59	13° 9	25°27	1°24	18°33	19°24	29°44	n.a.	S 10
M11	12 7 57	3° 4'17	16° 0	24° 4	28°30	18°38	14° 6	26° 0	13° 7	25°29	1°26	18°34	19°21	29°50	n.a.	M11
T 12	12 11 53	4° 1'36	27°54	25°31	29°43	18°56	14°17	26° 1	13° 5	25°30	1°27	18°35	19°18	29°57	n.a.	T 12
W13	12 15 50	4°58'55	9♑48	26°55	0♈57	19°16	14°29	26° 2	13° 4	25°32	1°28	18°R35	19°15	0♑ 4	n.a.	W13
T 14	12 19 46	5°56'13	21°45	28°15	2°11	19°35	14°41	26° 3	13° 2	25°33	1°29	18°34	19°12	0°11	n.a.	T 14
F 15	12 23 43	6°53'30	3♒50	29°33	3°24	19°55	14°53	26° 4	13° 0	25°35	1°31	18°33	19° 9	0°17	n.a.	F 15
S 16	12 27 39	7°50'46	16° 8	0♉46	4°38	20°15	15° 5	26° 5	12°58	25°36	1°32	18°32	19° 5	0°24	n.a.	S 16
S 17	12 31 36	8°48'02	28°42	1°57	5°51	20°36	15°17	26° 6	12°56	25°38	1°33	18°31	19° 2	0°31	n.a.	S 17
M18	12 35 33	9°45'17	11♓33	3° 4	7° 5	20°57	15°29	26° 6	12°55	25°40	1°35	18°30	18°59	0°37	n.a.	M18
T 19	12 39 29	10°42'31	24°43	4° 7	8°19	21°19	15°41	26° 7	12°53	25°41	1°36	18°29	18°56	0°44	n.a.	T 19
W20	12 43 26	11°39'44	8♈12	5° 7	9°32	21°41	15°53	26° 7	12°51	25°43	1°37	18°28	18°53	0°51	n.a.	W20
T 21	12 47 22	12°36'57	21°58	6° 3	10°46	22° 3	16° 5	26° 8	12°49	25°45	1°39	18°D28	18°49	0°58	n.a.	T 21
F 22	12 51 19	13°34'08	5♉59	6°56	12° 0	22°26	16°17	26° 8	12°47	25°46	1°40	18°28	18°46	1° 4	n.a.	F 22
S 23	12 55 15	14°31'19	20°11	7°44	13°13	22°49	16°30	26° 8	12°45	25°48	1°42	18°29	18°43	1°11	n.a.	S 23
S 24	12 59 12	15°28'29	4♊29	8°29	14°27	23°13	16°42	26°R 8	12°43	25°50	1°43	18°29	18°40	1°18	n.a.	S 24
M25	13 3 8	16°25'39	18°50	9° 9	15°40	23°37	16°54	26° 8	12°41	25°52	1°44	18°29	18°37	1°25	n.a.	M25
T 26	13 7 5	17°22'47	3♋10	9°46	16°54	24° 1	17° 7	26° 8	12°38	25°54	1°46	18°29	18°34	1°31	n.a.	T 26
W27	13 11 2	18°19'55	17°26	10°18	18° 8	24°26	17°19	26° 7	12°36	25°55	1°47	18°29	18°30	1°38	n.a.	W27
T 28	13 14 58	19°17'01	1♌35	10°46	19°21	24°50	17°32	26° 7	12°34	25°57	1°49	18°29	18°27	1°45	n.a.	T 28
F 29	13 18 55	20°14'07	15°34	11°10	20°35	25°16	17°44	26° 7	12°32	25°59	1°50	18°29	18°24	1°51	n.a.	F 29
S 30	13 22 51	21♈11'11	29♌23	11♉29	21♈49	25♋41	17♉57	26♐ 6	12♏30	26♉ 1	1♉51	18♎30	18♎21	1♑58	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s38	14n33	5s 1	4n 5	1n28	6s43	1s17	25n44	2n48	15n36	0s13	23s56	0s 5	16s 0	0n11	18n25	1s 4	5n25	7s10	7s28	7s56	19s 7		n.a.
S 2	2 15	11 6	4 30	5 0	1 37	6 13	1 16	25 39	2 45	15 40	0 13	23 56	0 5	15 59	0 11	18 26	1 4	5 26	7 10	7 27	7 54	19 7		n.a.
S 3	1 51	7 4	3 44	5 53	1 45	5 42	1 14	25 35	2 43	15 43	0 13	23 56	0 5	15 59	0 11	18 26	1 4	5 26	7 10	7 25	7 53	19 7		n.a.
M 4	1 28	2 42	2 44	6 44	1 52	5 12	1 13	25 31	2 41	15 47	0 13	23 56	0 5	15 58	0 11	18 26	1 4	5 27	7 10	7 24	7 52	19 6		n.a.
T 5	1 5	1s44	1 37	7 34	1 59	4 41	1 12	25 27	2 38	15 51	0 13	23 56	0 5	15 58	0 11	18 27	1 4	5 27	7 10	7 24	7 51	19 6		n.a.
W 6	0 42	5 59	0 25	8 22	2 6	4 10	1 11	25 23	2 36	15 54	0 13	23 57	0 5	15 57	0 11	18 27	1 4	5 28	7 10	7 23	7 50	19 6		n.a.
T 7	0 18	9 50	0n46	9 7	2 12	3 39	1 9	25 18	2 34	15 58	0 12	23 57	0 5	15 57	0 11	18 28	1 4	5 28	7 10	7 23	7 48	19 6		n.a.
F 8	0n 5	13 10	1 53	9 50	2 17	3 8	1 8	25 14	2 32	16 1	0 12	23 57	0 5	15 57	0 11	18 28	1 4	5 29	7 10	7 24	7 47	19 5		n.a.
S 9	0 28	15 48	2 54	10 32	2 21	2 37	1 6	25 9	2 29	16 5	0 12	23 57	0 5	15 56	0 11	18 28	1 4	5 29	7 9	7 24	7 46	19 5		n.a.
S 10	0 51	17 41	3 46	11 11	2 25	2 6	1 5	25 4	2 27	16 9	0 12	23 57	0 5	15 56	0 11	18 29	1 4	5 30	7 9	7 25	7 45	19 5		n.a.
M11	1 15	18 45	4 27	11 48	2 27	1 34	1 3	25 0	2 25	16 12	0 12	23 57	0 5	15 55	0 11	18 29	1 4	5 31	7 9	7 25	7 43	19 5		n.a.
T 12	1 38	18 59	4 56	12 22	2 30	1 3	1 2	24 55	2 23	16 16	0 12	23 57	0 6	15 55	0 11	18 30	1 4	5 31	7 9	7 26	7 42	19 4		n.a.
W13	2 1	18 22	5 13	12 55	2 31	0 32	1 0	24 50	2 21	16 20	0 12	23 58	0 6	15 54	0 11	18 30	1 4	5 32	7 9	7 26	7 41	19 4		n.a.
T 14	2 24	16 56	5 16	13 25	2 31	0 0	0 58	24 45	2 19	16 23	0 11	23 58	0 6	15 53	0 11	18 30	1 4	5 32	7 9	7 25	7 40	19 4		n.a.
F 15	2 47	14 45	5 5	13 53	2 31	0n31	0 57	24 40	2 17	16 27	0 11	23 58	0 6	15 53	0 11	18 31	1 4	5 33	7 9	7 25	7 39	19 3		n.a.
S 16	3 10	11 52	4 40	14 19	2 30	1 2	0 55	24 35	2 14	16 31	0 11	23 58	0 6	15 52	0 11	18 31	1 4	5 33	7 9	7 24	7 37	19 3		n.a.
S 17	3 33	8 23	4 2	14 42	2 28	1 34	0 53	24 29	2 12	16 34	0 11	23 58	0 6	15 52	0 11	18 32	1 4	5 34	7 8	7 24	7 36	19 3		n.a.
M18	3 56	4 27	3 11	15 3	2 25	2 5	0 51	24 24	2 10	16 38	0 11	23 58	0 6	15 51	0 11	18 32	1 4	5 34	7 8	7 23	7 35	19 2		n.a.
T 19	4 19	0 11	2 8	15 22	2 22	2 37	0 49	24 19	2 8	16 42	0 11	23 58	0 6	15 51	0 11	18 32	1 4	5 35	7 8	7 23	7 34	19 2		n.a.
W20	4 42	4n11	0 57	15 39	2 18	3 8	0 47	24 13	2 6	16 45	0 11	23 58	0 6	15 50	0 11	18 33	1 4	5 36	7 8	7 23	7 32	19 2		n.a.
T 21	5 5	8 26	0s19	15 53	2 12	3 39	0 45	24 7	2 4	16 49	0 11	23 59	0 6	15 49	0 11	18 33	1 4	5 36	7 8	7 23	7 31	19 1		n.a.
F 22	5 28	12 17	1 36	16 5	2 6	4 10	0 43	24 2	2 2	16 53	0 10	23 59	0 7	15 49	0 11	18 34	1 4	5 37	7 8	7 23	7 30	19 1		n.a.
S 23	5 50	15 28	2 47	16 15	2 0	4 41	0 41	23 56	2 0	16 57	0 10	23 59	0 7	15 48	0 11	18 34	1 4	5 37	7 8	7 23	7 29	19 1		n.a.
S 24	6 13	17 44	3 48	16 23	1 52	5 12	0 39	23 50	1 58	17 0	0 10	23 59	0 7	15 48	0 11	18 35	1 4	5 38	7 8	7 23	7 27	19 0		n.a.
M25	6 35	18 52	4 36	16 28	1 43	5 43	0 37	23 44	1 56	17 4	0 10	23 59	0 7	15 47	0 11	18 35	1 3	5 38	7 8	7 23	7 26	19 0		n.a.
T 26	6 57	18 47	5 6	16 31	1 34	6 14	0 35	23 37	1 55	17 8	0 10	23 59	0 7	15 46	0 11	18 36	1 3	5 39	7 8	7 23	7 25	19 0		n.a.
W27	7 20	17 31	5 17	16 32	1 24	6 45	0 33	23 31	1 53	17 11	0 10	23 59	0 7	15 46	0 11	18 36	1 3	5 40	7 7	7 23	7 24	18 59		n.a.
T 28	7 42	15 12	5 9	16 31	1 13	7 15	0 31	23 25	1 51	17 15	0 10	23 59	0 7	15 45	0 11	18 37	1 3	5 40	7 7	7 23	7 23	18 59		n.a.
F 29	8 4	12 0	4 42	16 27	1 1	7 46	0 28	23 18	1 49	17 19	0 10	23 59	0 7	15 44	0 11	18 37	1 3	5 41	7 7	7 23	7 21	18 59		n.a.
S 30	8n26	8n11	4s 0	16n21	0n49	8n16	0s26	23n11	1n47	17n23	0s 9	23s59	0s 7	15s44	0n11	18n38	1s 3	5n41	7s 7	7s23	7s20	18s58		n.a.

Julian Day Number = 974942.5, Delta T = 13h20m47s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'52, Lahiri = -32°07'51 Julian Calendar 1 Apr. 2044 BCE == Greg. Calendar 15 March 2044 BCE

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

MAY 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 26 48	22♈ 8'15	13♍ 0	11♉43	23♈ 2	26♋ 7	18♉10	26°R 5	12°R28	26♉ 3	1♉53	18♎30	18♎18	2♑ 5	n.a.	S 1
M 2	13 30 44	23° 5'19	26°24	11°54	24°16	26°33	18°22	26♐ 5	12♏25	26° 5	1°54	18°30	18°14	2°12	n.a.	M 2
T 3	13 34 41	24° 2'22	9♎34	11°59	25°29	27° 0	18°35	26° 4	12°23	26° 7	1°56	18°31	18°11	2°18	n.a.	T 3
W 4	13 38 37	24°59'24	22°30	12°R 0	26°43	27°26	18°48	26° 3	12°21	26° 9	1°57	18°R31	18° 8	2°25	n.a.	W 4
T 5	13 42 34	25°56'26	5♏12	11°57	27°57	27°53	19° 1	26° 2	12°19	26°11	1°59	18°30	18° 5	2°32	n.a.	T 5
F 6	13 46 31	26°53'28	17°40	11°49	29°10	28°21	19°14	26° 1	12°16	26°13	2° 0	18°30	18° 2	2°38	n.a.	F 6
S 7	13 50 27	27°50'30	29°56	11°36	0♉24	28°48	19°26	25°59	12°14	26°15	2° 1	18°29	17°59	2°45	n.a.	S 7
S 8	13 54 24	28°47'32	12♐ 2	11°20	1°38	29°16	19°39	25°58	12°12	26°17	2° 3	18°27	17°55	2°52	n.a.	S 8
M 9	13 58 20	29°44'34	24° 0	11° 0	2°51	29°44	19°52	25°57	12° 9	26°19	2° 4	18°26	17°52	2°59	n.a.	M 9
T 10	14 2 17	0♉41'35	5♑54	10°36	4° 5	0♌13	20° 5	25°55	12° 7	26°21	2° 6	18°24	17°49	3° 5	n.a.	T 10
W11	14 6 13	1°38'37	17°47	10° 9	5°19	0°41	20°18	25°53	12° 5	26°23	2° 7	18°23	17°46	3°12	n.a.	W11
T 12	14 10 10	2°35'39	29°44	9°39	6°32	1°10	20°31	25°52	12° 2	26°25	2° 9	18°D23	17°43	3°19	n.a.	T 12
F 13	14 14 7	3°32'42	11♒49	9° 7	7°46	1°40	20°44	25°50	12° 0	26°27	2°10	18°23	17°40	3°25	n.a.	F 13
S 14	14 18 3	4°29'44	24° 6	8°33	9° 0	2° 9	20°58	25°48	11°57	26°29	2°11	18°24	17°36	3°32	n.a.	S 14
S 15	14 22 0	5°26'47	6♓40	7°58	10°14	2°39	21°11	25°46	11°55	26°31	2°13	18°25	17°33	3°39	n.a.	S 15
M16	14 25 56	6°23'50	19°35	7°22	11°27	3° 9	21°24	25°44	11°53	26°33	2°14	18°26	17°30	3°46	n.a.	M16
T 17	14 29 53	7°20'53	2♈52	6°46	12°41	3°39	21°37	25°42	11°50	26°35	2°16	18°28	17°27	3°52	n.a.	T 17
W18	14 33 49	8°17'56	16°34	6°10	13°55	4° 9	21°50	25°40	11°48	26°37	2°17	18°R28	17°24	3°59	n.a.	W18
T 19	14 37 46	9°15'00	0♉38	5°36	15° 8	4°40	22° 3	25°37	11°45	26°40	2°19	18°28	17°20	4° 6	n.a.	T 19
F 20	14 41 42	10°12'04	15° 1	5° 4	16°22	5°11	22°17	25°35	11°43	26°42	2°20	18°26	17°17	4°12	n.a.	F 20
S 21	14 45 39	11° 9'09	29°39	4°33	17°36	5°42	22°30	25°32	11°41	26°44	2°22	18°24	17°14	4°19	n.a.	S 21
S 22	14 49 36	12° 6'13	14♊25	4° 6	18°50	6°13	22°43	25°30	11°38	26°46	2°23	18°21	17°11	4°26	n.a.	S 22
M23	14 53 32	13° 3'18	29°10	3°42	20° 4	6°45	22°56	25°27	11°36	26°48	2°24	18°18	17° 8	4°33	n.a.	M23
T 24	14 57 29	14° 0'23	13♋48	3°21	21°17	7°16	23°10	25°24	11°33	26°50	2°26	18°15	17° 5	4°39	n.a.	T 24
W25	15 1 25	14°57'28	28°15	3° 5	22°31	7°48	23°23	25°22	11°31	26°53	2°27	18°13	17° 1	4°46	n.a.	W25
T 26	15 5 22	15°54'33	12♌25	2°54	23°45	8°20	23°36	25°19	11°28	26°55	2°29	18°D12	16°58	4°53	n.a.	T 26
F 27	15 9 18	16°51'38	26°17	2°47	24°59	8°53	23°50	25°16	11°26	26°57	2°30	18°12	16°55	5° 0	n.a.	F 27
S 28	15 13 15	17°48'43	9♍52	2°D45	26°12	9°25	24° 3	25°13	11°24	26°59	2°31	18°13	16°52	5° 6	n.a.	S 28
S 29	15 17 12	18°45'48	23° 9	2°48	27°26	9°58	24°16	25° 9	11°21	27° 1	2°33	18°15	16°49	5°13	n.a.	S 29
M30	15 21 8	19°42'54	6♎11	2°57	28°40	10°31	24°30	25° 6	11°19	27° 4	2°34	18°16	16°46	5°20	n.a.	M30
T 31	15 25 5	20♉40'00	19♎ 0	3♉11	29♉54	11♌ 4	24♉43	25♐ 3	11♏16	27♉ 6	2♉36	18°R17	16♎42	5♑26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	8n47	3n59	3s 4	16n13	0n36	8n46	0s24	23n 5	1n45	17n26	0s 9	24s 0	0s 7	15s43	0n11	18n38	1s 3	5n42	7s 7	7s24	7s19	18s58			n.a.	S 1
M 2	9 9	0s22	2 0	16 4	0 22	9 16	0 22	22 58	1 43	17 30	0 9	24 0	0 8	15 42	0 11	18 39	1 3	5 42	7 7	7 24	7 18	18 58			n.a.	M 2
T 3	9 31	4 37	0 49	15 52	0 7	9 45	0 19	22 51	1 42	17 34	0 9	24 0	0 8	15 42	0 11	18 39	1 3	5 43	7 7	7 24	7 16	18 57			n.a.	T 3
W 4	9 52	8 35	0n22	15 38	0s 7	10 15	0 17	22 44	1 40	17 37	0 9	24 0	0 8	15 41	0 11	18 40	1 3	5 43	7 7	7 24	7 15	18 57			n.a.	W 4
T 5	10 13	12 5	1 31	15 22	0 23	10 44	0 15	22 36	1 38	17 41	0 9	24 0	0 8	15 40	0 11	18 40	1 3	5 44	7 7	7 24	7 14	18 57			n.a.	T 5
F 6	10 34	14 59	2 35	15 4	0 39	11 13	0 12	22 29	1 36	17 45	0 9	24 0	0 8	15 40	0 11	18 41	1 3	5 45	7 7	7 23	7 13	18 56			n.a.	F 6
S 7	10 55	17 8	3 30	14 45	0 55	11 41	0 10	22 22	1 35	17 49	0 9	24 0	0 8	15 39	0 11	18 41	1 3	5 45	7 7	7 23	7 11	18 56			n.a.	S 7
S 8	11 16	18 29	4 15	14 25	1 11	12 10	0 8	22 14	1 33	17 52	0 8	24 0	0 8	15 38	0 11	18 42	1 3	5 46	7 7	7 23	7 10	18 56			n.a.	S 8
M 9	11 36	19 0	4 48	14 3	1 28	12 38	0 5	22 6	1 31	17 56	0 8	24 0	0 8	15 37	0 11	18 42	1 3	5 46	7 7	7 22	7 9	18 55			n.a.	M 9
T 10	11 57	18 39	5 9	13 40	1 44	13 5	0 3	21 58	1 30	18 0	0 8	24 0	0 8	15 37	0 11	18 43	1 3	5 47	7 7	7 21	7 8	18 55			n.a.	T 10
W11	12 17	17 30	5 16	13 16	2 0	13 33	0 1	21 50	1 28	18 3	0 8	24 0	0 9	15 36	0 11	18 43	1 3	5 47	7 7	7 21	7 6	18 54			n.a.	W11
T 12	12 37	15 34	5 10	12 51	2 16	14 0	0n 2	21 42	1 26	18 7	0 8	24 0	0 9	15 35	0 11	18 44	1 3	5 48	7 6	7 21	7 5	18 54			n.a.	T 12
F 13	12 57	12 57	4 50	12 26	2 31	14 27	0 4	21 34	1 25	18 11	0 8	24 0	0 9	15 34	0 11	18 44	1 3	5 48	7 6	7 21	7 4	18 54			n.a.	F 13
S 14	13 17	9 43	4 17	12 2	2 46	14 53	0 7	21 26	1 23	18 14	0 8	24 0	0 9	15 34	0 11	18 45	1 3	5 49	7 6	7 21	7 3	18 53			n.a.	S 14
S 15	13 36	5 59	3 31	11 37	3 0	15 19	0 9	21 17	1 21	18 18	0 8	24 0	0 9	15 33	0 11	18 45	1 3	5 49	7 6	7 22	7 2	18 53			n.a.	S 15
M16	13 55	1 52	2 33	11 13	3 13	15 45	0 11	21 8	1 20	18 21	0 8	24 0	0 9	15 32	0 11	18 46	1 3	5 50	7 6	7 22	7 0	18 52			n.a.	M16
T 17	14 15	2n28	1 25	10 50	3 24	16 10	0 14	21 0	1 18	18 25	0 7	24 0	0 9	15 31	0 11	18 46	1 3	5 50	7 6	7 23	6 59	18 52			n.a.	T 17
W18	14 33	6 48	0 11	10 28	3 35	16 35	0 16	20 51	1 16	18 29	0 7	24 0	0 9	15 31	0 11	18 47	1 3	5 51	7 6	7 23	6 58	18 52			n.a.	W18
T 19	14 52	10 53	1s 7	10 8	3 44	17 0	0 18	20 42	1 15	18 32	0 7	24 1	0 9	15 30	0 11	18 47	1 3	5 52	7 6	7 23	6 57	18 51			n.a.	T 19
F 20	15 11	14 26	2 21	9 50	3 53	17 24	0 21	20 33	1 13	18 36	0 7	24 1	0 9	15 29	0 11	18 48	1 3	5 52	7 6	7 22	6 55	18 51			n.a.	F 20
S 21	15 29	17 7	3 28	9 33	3 59	17 48	0 23	20 23	1 12	18 39	0 7	24 1	0 10	15 28	0 11	18 48	1 3	5 53	7 6	7 21	6 54	18 50			n.a.	S 21
S 22	15 47	18 41	4 21	9 19	4 4	18 11	0 25	20 14	1 10	18 43	0 7	24 1	0 10	15 28	0 11	18 49	1 3	5 53	7 6	7 20	6 53	18 50			n.a.	S 22
M23	16 4	18 59	4 57	9 7	4 8	18 33	0 28	20 4	1 9	18 46	0 7	24 1	0 10	15 27	0 11	18 49	1 3	5 54	7 6	7 19	6 52	18 50			n.a.	M23
T 24	16 22	18 0	5 13	8 58	4 10	18 56	0 30	19 55	1 7	18 50	0 7	24 1	0 10	15 26	0 11	18 50	1 3	5 54	7 6	7 18	6 50	18 49			n.a.	T 24
W25	16 39	15 53	5 9	8 52	4 11	19 17	0 32	19 45	1 6	18 54	0 6	24 1	0 10	15 25	0 11	18 50	1 3	5 55	7 6	7 17	6 49	18 49			n.a.	W25
T 26	16 56	12 51	4 46	8 48	4 11	19 39	0 34	19 35	1 4	18 57	0 6	24 1	0 10	15 25	0 11	18 51	1 3	5 55	7 6	7 17	6 48	18 48			n.a.	T 26
F 27	17 13	9 8	4 7	8 48	4 9	19 59	0 36	19 25	1 3	19 1	0 6	24 1	0 10	15 24	0 11	18 51	1 3	5 56	7 6	7 17	6 47	18 48			n.a.	F 27
S 28	17 29	5 1	3 15	8 50	4 6	20 19	0 39	19 14	1 1	19 4	0 6	24 1	0 10	15 23	0 11	18 52	1 3	5 56	7 6	7 17	6 45	18 47			n.a.	S 28
S 29	17 45	0 44	2 13	8 55	4 1	20 39	0 41	19 4	1 0	19 7	0 6	24 1	0 10	15 22	0 11	18 52	1 3	5 57	7 6	7 18	6 44	18 47			n.a.	S 29
M30	18 1	3s31	1 6	9 3	3 56	20 58	0 43	18 53	0 58	19 11	0 6	24 1	0 11	15 22	0 11	18 53	1 3	5 57	7 6	7 18	6 43	18 47			n.a.	M30
T 31	18n17	7s32	0n 4	9n14	3s49	21n16	0n45	18n43	0n57	19n14	0s 6	24s 1	0s11	15s21	0n11	18n54	1s 3	5n57	7s 6	7s19	6s42	18s46			n.a.	T 31

Julian Day Number = 974972.5, Delta T = 13h20m45s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'48, Lahiri = -32°07'47 Julian Calendar 1 May 2044 BCE == Greg. Calendar 14 Apr. 2044 BCE

The year -2043 astronomical counting style corresponds to year 2044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

JUNE 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 29 1	21♉37'06	1♏36	3♉31	1♊ 8	11♌38	24♉56	25°R 0	11°R14	27♉ 8	2♉37	18°R16	16♎39	5♑33	n.a.	W 1
T 2	15 32 58	22°34'13	14° 1	3°55	2°21	12°11	25°10	24♐56	11♏12	27°10	2°38	18♎14	16°36	5°40	n.a.	T 2
F 3	15 36 54	23°31'21	26°17	4°26	3°35	12°45	25°23	24°53	11° 9	27°12	2°40	18°10	16°33	5°47	n.a.	F 3
S 4	15 40 51	24°28'29	8♐24	5° 2	4°49	13°19	25°36	24°49	11° 7	27°15	2°41	18° 4	16°30	5°53	n.a.	S 4
S 5	15 44 47	25°25'39	20°25	5°43	6° 3	13°53	25°50	24°46	11° 5	27°17	2°42	17°58	16°26	6° 0	n.a.	S 5
M 6	15 48 44	26°22'49	2♑20	6°30	7°17	14°27	26° 3	24°42	11° 2	27°19	2°44	17°51	16°23	6° 7	n.a.	M 6
T 7	15 52 41	27°20'00	14°13	7°22	8°30	15° 1	26°17	24°38	11° 0	27°21	2°45	17°44	16°20	6°13	n.a.	T 7
W 8	15 56 37	28°17'12	26° 5	8°20	9°44	15°36	26°30	24°35	10°58	27°24	2°46	17°39	16°17	6°20	n.a.	W 8
T 9	16 0 34	29°14'25	8♒ 0	9°22	10°58	16°11	26°43	24°31	10°55	27°26	2°48	17°35	16°14	6°27	n.a.	T 9
F 10	16 4 30	0♊11'40	20° 3	10°30	12°12	16°46	26°57	24°27	10°53	27°28	2°49	17°33	16°11	6°34	n.a.	F 10
S 11	16 8 27	1° 8'55	2♓18	11°43	13°26	17°21	27°10	24°23	10°51	27°30	2°50	17°D32	16° 7	6°40	n.a.	S 11
S 12	16 12 23	2° 6'12	14°49	13° 1	14°40	17°56	27°23	24°19	10°49	27°32	2°52	17°33	16° 4	6°47	n.a.	S 12
M13	16 16 20	3° 3'30	27°41	14°23	15°54	18°31	27°37	24°15	10°47	27°35	2°53	17°34	16° 1	6°54	n.a.	M13
T 14	16 20 17	4° 0'49	10♈57	15°50	17° 7	19° 7	27°50	24°11	10°44	27°37	2°54	17°R35	15°58	7° 1	n.a.	T 14
W15	16 24 13	4°58'09	24°41	17°22	18°21	19°43	28° 3	24° 7	10°42	27°39	2°55	17°35	15°55	7° 7	n.a.	W15
T 16	16 28 10	5°55'31	8♉52	18°58	19°35	20°19	28°17	24° 2	10°40	27°41	2°57	17°33	15°51	7°14	n.a.	T 16
F 17	16 32 6	6°52'54	23°29	20°37	20°49	20°55	28°30	23°58	10°38	27°44	2°58	17°29	15°48	7°21	n.a.	F 17
S 18	16 36 3	7°50'19	8♊24	22°21	22° 3	21°31	28°43	23°54	10°36	27°46	2°59	17°23	15°45	7°27	n.a.	S 18
S 19	16 39 59	8°47'45	23°31	24° 8	23°17	22° 7	28°57	23°50	10°34	27°48	3° 0	17°16	15°42	7°34	n.a.	S 19
M20	16 43 56	9°45'11	8♋39	25°58	24°31	22°44	29°10	23°45	10°32	27°50	3° 2	17° 8	15°39	7°41	n.a.	M20
T 21	16 47 53	10°42'39	23°38	27°51	25°45	23°20	29°23	23°41	10°30	27°52	3° 3	17° 1	15°36	7°48	n.a.	T 21
W22	16 51 49	11°40'08	8♌20	29°46	26°59	23°57	29°36	23°37	10°28	27°54	3° 4	16°55	15°32	7°54	n.a.	W22
T 23	16 55 46	12°37'38	22°40	1♊44	28°13	24°34	29°50	23°32	10°26	27°57	3° 5	16°52	15°29	8° 1	n.a.	T 23
F 24	16 59 42	13°35'09	6♍35	3°43	29°26	25°11	0♊ 3	23°28	10°24	27°59	3° 6	16°50	15°26	8° 8	n.a.	F 24
S 25	17 3 39	14°32'41	20° 6	5°44	0♋40	25°48	0°16	23°23	10°22	28° 1	3° 7	16°D50	15°23	8°15	n.a.	S 25
S 26	17 7 35	15°30'14	3♎14	7°46	1°54	26°26	0°29	23°19	10°20	28° 3	3° 8	16°51	15°20	8°21	n.a.	S 26
M27	17 11 32	16°27'48	16° 3	9°48	3° 8	27° 3	0°42	23°14	10°19	28° 5	3°10	16°R51	15°17	8°28	n.a.	M27
T 28	17 15 28	17°25'23	28°37	11°51	4°22	27°41	0°55	23°10	10°17	28° 7	3°11	16°50	15°13	8°35	n.a.	T 28
W29	17 19 25	18°22'59	10♏58	13°54	5°36	28°19	1° 8	23° 5	10°15	28°10	3°12	16°48	15°10	8°41	n.a.	W29
T 30	17 23 22	19♊20'37	23♏10	15♊56	6♋50	28♌57	1♊21	23♐ 1	10♏13	28♉12	3♉13	16♎42	15♎ 7	8♑48	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	18n32	11s 9	1n12	9n28	3s42	21n34	0n47	18n32	0n55	19n18	0s 6	24s 1	0s11	15s20	0n11	18n54	1s 3	5n58	7s 6	7s18	6s40	18s46		n.a.	W 1
T 2	18 47	14 13	2 16	9 44	3 34	21 52	0 49	18 21	0 54	19 21	0 6	24 0	0 11	15 19	0 11	18 55	1 3	5 58	7 6	7 17	6 39	18 45		n.a.	T 2
F 3	19 2	16 36	3 12	10 3	3 24	22 8	0 51	18 10	0 53	19 25	0 5	24 0	0 11	15 19	0 11	18 55	1 3	5 59	7 6	7 16	6 38	18 45		n.a.	F 3
S 4	19 16	18 13	3 59	10 25	3 14	22 24	0 53	17 59	0 51	19 28	0 5	24 0	0 11	15 18	0 11	18 56	1 3	5 59	7 6	7 14	6 37	18 44		n.a.	S 4
S 5	19 30	19 0	4 35	10 49	3 4	22 40	0 55	17 47	0 50	19 31	0 5	24 0	0 11	15 17	0 11	18 56	1 3	6 0	7 6	7 11	6 35	18 44		n.a.	S 5
M 6	19 44	18 56	4 58	11 15	2 52	22 54	0 57	17 36	0 48	19 35	0 5	24 0	0 11	15 17	0 11	18 57	1 3	6 0	7 6	7 8	6 34	18 43		n.a.	M 6
T 7	19 58	18 2	5 9	11 43	2 41	23 8	0 59	17 24	0 47	19 38	0 5	24 0	0 11	15 16	0 11	18 57	1 3	6 1	7 6	7 6	6 33	18 43		n.a.	T 7
W 8	20 11	16 21	5 6	12 14	2 28	23 22	1 1	17 13	0 46	19 41	0 5	24 0	0 12	15 15	0 11	18 58	1 3	6 1	7 6	7 4	6 32	18 43		n.a.	W 8
T 9	20 24	13 58	4 50	12 46	2 16	23 35	1 3	17 1	0 44	19 44	0 5	24 0	0 12	15 14	0 11	18 58	1 3	6 1	7 6	7 2	6 30	18 42		n.a.	T 9
F 10	20 36	10 58	4 21	13 20	2 3	23 47	1 4	16 49	0 43	19 48	0 5	24 0	0 12	15 14	0 11	18 59	1 2	6 2	7 6	7 1	6 29	18 42		n.a.	F 10
S 11	20 48	7 27	3 40	13 55	1 50	23 58	1 6	16 37	0 42	19 51	0 5	24 0	0 12	15 13	0 11	18 59	1 2	6 2	7 6	7 1	6 28	18 41		n.a.	S 11
S 12	21 0	3 32	2 48	14 32	1 36	24 9	1 8	16 24	0 40	19 54	0 5	24 0	0 12	15 12	0 11	19 0	1 2	6 3	7 6	7 1	6 27	18 41		n.a.	S 12
M13	21 12	0n40	1 46	15 10	1 23	24 19	1 9	16 12	0 39	19 57	0 4	24 0	0 12	15 12	0 11	19 0	1 2	6 3	7 6	7 2	6 25	18 40		n.a.	M13
T 14	21 23	4 58	0 36	15 48	1 10	24 28	1 11	15 59	0 38	20 1	0 4	24 0	0 12	15 11	0 10	19 1	1 2	6 4	7 6	7 2	6 24	18 40		n.a.	T 14
W15	21 34	9 10	0s38	16 28	0 56	24 36	1 12	15 47	0 36	20 4	0 4	24 0	0 12	15 10	0 10	19 1	1 2	6 4	7 6	7 2	6 23	18 39		n.a.	W15
T 16	21 44	12 59	1 52	17 7	0 43	24 44	1 14	15 34	0 35	20 7	0 4	24 0	0 12	15 10	0 10	19 2	1 2	6 4	7 6	7 1	6 22	18 39		n.a.	T 16
F 17	21 54	16 6	3 1	17 47	0 30	24 51	1 15	15 21	0 34	20 10	0 4	24 0	0 12	15 9	0 10	19 2	1 2	6 5	7 6	7 0	6 21	18 38		n.a.	F 17
S 18	22 4	18 14	3 59	18 27	0 17	24 57	1 17	15 8	0 33	20 13	0 4	23 59	0 13	15 8	0 10	19 3	1 2	6 5	7 6	6 58	6 19	18 38		n.a.	S 18
S 19	22 13	19 6	4 41	19 7	0 5	25 3	1 18	14 55	0 31	20 16	0 4	23 59	0 13	15 8	0 10	19 3	1 2	6 5	7 7	6 55	6 18	18 37		n.a.	S 19
M20	22 22	18 36	5 3	19 45	0n 7	25 8	1 19	14 41	0 30	20 19	0 4	23 59	0 13	15 7	0 10	19 4	1 2	6 6	7 7	6 52	6 17	18 37		n.a.	M20
T 21	22 30	16 49	5 4	20 23	0 19	25 12	1 20	14 28	0 29	20 22	0 4	23 59	0 13	15 6	0 10	19 4	1 2	6 6	7 7	6 49	6 16	18 36		n.a.	T 21
W22	22 38	13 58	4 45	21 0	0 29	25 15	1 21	14 14	0 28	20 25	0 3	23 59	0 13	15 6	0 10	19 5	1 2	6 7	7 7	6 47	6 14	18 36		n.a.	W22
T 23	22 46	10 19	4 9	21 35	0 40	25 17	1 22	14 1	0 26	20 28	0 3	23 59	0 13	15 5	0 10	19 5	1 2	6 7	7 7	6 45	6 13	18 35		n.a.	T 23
F 24	22 54	6 13	3 18	22 8	0 49	25 19	1 24	13 47	0 25	20 31	0 3	23 59	0 13	15 5	0 10	19 6	1 2	6 7	7 7	6 45	6 12	18 35		n.a.	F 24
S 25	23 1	1 53	2 18	22 39	0 58	25 20	1 24	13 33	0 24	20 34	0 3	23 59	0 13	15 4	0 10	19 6	1 2	6 8	7 7	6 45	6 11	18 34		n.a.	S 25
S 26	23 7	2s25	1 12	23 9	1 7	25 20	1 25	13 19	0 23	20 37	0 3	23 59	0 13	15 3	0 10	19 7	1 2	6 8	7 7	6 45	6 9	18 34		n.a.	S 26
M27	23 13	6 30	0 4	23 36	1 14	25 19	1 26	13 5	0 21	20 40	0 3	23 58	0 13	15 3	0 10	19 7	1 2	6 8	7 7	6 45	6 8	18 33		n.a.	M27
T 28	23 19	10 14	1n 2	24 0	1 21	25 18	1 27	12 50	0 20	20 43	0 3	23 58	0 14	15 2	0 10	19 8	1 2	6 8	7 7	6 45	6 7	18 33		n.a.	T 28
W29	23 24	13 27	2 5	24 22	1 27	25 16	1 28	12 36	0 19	20 46	0 3	23 58	0 14	15 2	0 10	19 8	1 2	6 9	7 7	6 44	6 6	18 32		n.a.	W29
T 30	23n29	16s 2	3n 1	24n42	1n32	25n13	1n28	12n21	0n18	20n48	0s 3	23s58	0s14	15s 1	0n10	19n 9	1s 2	6n 9	7s 7	6s42	6s 4	18s31		n.a.	T 30

Julian Day Number = 975003.5, Delta T = 13h20m42s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'44, Lahiri = -32°07'43 Julian Calendar 1 June 2044 BCE == Greg. Calendar 15 May 2044 BCE

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

JULY 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 27 18	20♊18'17	5♐14	17♊59	8♋ 4	29♌35	1♊34	22°R56	10°R12	28♉14	3♉14	16°R35	15♎ 4	8♑55	n.a.	F 1
S 2	17 31 15	21°15'58	17°14	20° 1	9°18	0♍13	1°47	22♐52	10♏10	28°16	3°15	16♎25	15° 1	9° 2	n.a.	S 2
S 3	17 35 11	22°13'40	29° 9	22° 2	10°32	0°51	2° 0	22°47	10° 8	28°18	3°16	16°13	14°57	9° 8	n.a.	S 3
M 4	17 39 8	23°11'24	11♑ 2	24° 2	11°46	1°30	2°13	22°43	10° 7	28°20	3°17	16° 0	14°54	9°15	n.a.	M 4
T 5	17 43 4	24° 9'10	22°54	26° 1	12°59	2° 8	2°26	22°38	10° 5	28°22	3°18	15°48	14°51	9°22	n.a.	T 5
W 6	17 47 1	25° 6'57	4♒47	27°59	14°13	2°47	2°39	22°34	10° 4	28°24	3°19	15°38	14°48	9°28	n.a.	W 6
T 7	17 50 57	26° 4'46	16°44	29°57	15°27	3°26	2°52	22°29	10° 2	28°26	3°20	15°29	14°45	9°35	n.a.	T 7
F 8	17 54 54	27° 2'38	28°47	1♋52	16°41	4° 5	3° 4	22°25	10° 1	28°28	3°21	15°23	14°42	9°42	n.a.	F 8
S 9	17 58 51	28° 0'31	11♓ 0	3°47	17°55	4°44	3°17	22°20	10° 0	28°30	3°22	15°20	14°38	9°49	n.a.	S 9
S 10	18 2 47	28°58'26	23°28	5°40	19° 9	5°23	3°30	22°16	9°58	28°32	3°23	15°19	14°35	9°55	n.a.	S 10
M11	18 6 44	29°56'23	6♈15	7°32	20°23	6° 2	3°42	22°11	9°57	28°34	3°23	15°D19	14°32	10° 2	n.a.	M11
T 12	18 10 40	0♋54'22	19°26	9°23	21°37	6°42	3°55	22° 7	9°56	28°36	3°24	15°R19	14°29	10° 9	n.a.	T 12
W13	18 14 37	1°52'23	3♉ 4	11°13	22°51	7°21	4° 8	22° 2	9°55	28°38	3°25	15°18	14°26	10°16	n.a.	W13
T 14	18 18 33	2°50'26	17°11	13° 1	24° 5	8° 1	4°20	21°58	9°54	28°40	3°26	15°15	14°23	10°22	n.a.	T 14
F 15	18 22 30	3°48'32	1♊46	14°48	25°18	8°41	4°33	21°53	9°52	28°42	3°27	15° 9	14°19	10°29	n.a.	F 15
S 16	18 26 26	4°46'40	16°45	16°34	26°32	9°21	4°45	21°49	9°51	28°44	3°28	15° 1	14°16	10°36	n.a.	S 16
S 17	18 30 23	5°44'49	1♋59	18°18	27°46	10° 1	4°57	21°45	9°50	28°46	3°28	14°51	14°13	10°42	n.a.	S 17
M18	18 34 20	6°43'01	17°19	20° 1	29° 0	10°41	5°10	21°40	9°49	28°47	3°29	14°40	14°10	10°49	n.a.	M18
T 19	18 38 16	7°41'14	2♌33	21°43	0♌14	11°21	5°22	21°36	9°48	28°49	3°30	14°30	14° 7	10°56	n.a.	T 19
W20	18 42 13	8°39'29	17°29	23°24	1°28	12° 1	5°34	21°32	9°48	28°51	3°31	14°21	14° 3	11° 3	n.a.	W20
T 21	18 46 9	9°37'46	2♍ 1	25° 3	2°42	12°42	5°46	21°28	9°47	28°53	3°31	14°15	14° 0	11° 9	n.a.	T 21
F 22	18 50 6	10°36'05	16° 5	26°41	3°56	13°22	5°58	21°23	9°46	28°55	3°32	14°11	13°57	11°16	n.a.	F 22
S 23	18 54 2	11°34'25	29°40	28°18	5° 9	14° 3	6°10	21°19	9°45	28°56	3°33	14°10	13°54	11°23	n.a.	S 23
S 24	18 57 59	12°32'47	12♎49	29°54	6°23	14°44	6°22	21°15	9°44	28°58	3°33	14° 9	13°51	11°30	n.a.	S 24
M25	19 1 55	13°31'10	25°34	1♏29	7°37	15°25	6°34	21°11	9°44	29° 0	3°34	14° 9	13°48	11°36	n.a.	M25
T 26	19 5 52	14°29'36	8♏ 2	3° 3	8°51	16° 6	6°46	21° 7	9°43	29° 1	3°34	14° 8	13°44	11°43	n.a.	T 26
W27	19 9 48	15°28'03	20°15	4°35	10° 5	16°47	6°58	21° 3	9°43	29° 3	3°35	14° 4	13°41	11°50	n.a.	W27
T 28	19 13 45	16°26'32	2♐19	6° 6	11°19	17°28	7°10	20°59	9°42	29° 5	3°36	13°58	13°38	11°56	n.a.	T 28
F 29	19 17 42	17°25'03	14°17	7°36	12°32	18° 9	7°21	20°55	9°42	29° 6	3°36	13°49	13°35	12° 3	n.a.	F 29
S 30	19 21 38	18°23'37	26°11	9° 5	13°46	18°51	7°33	20°52	9°41	29° 8	3°37	13°38	13°32	12°10	n.a.	S 30
S 31	19 25 35	19♋22'12	8♑ 3	10♌33	15♌ 0	19♍32	7♊44	20♐48	9♏41	29♉10	3♉37	13♎24	13♎29	12♑17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n34	17s52	3n48	24n58	1n37	25n 9	1n29	12n 7	0n17	20n51	0s 2	23s58	0s14	15s 1	0n10	19n 9	1s 2	6n 9	7s 7	6s39	6s 3	18s31		n.a.
S 2	23 38	18 55	4 24	25 12	1 40	25 5	1 29	11 52	0 16	20 54	0 2	23 58	0 14	15 0	0 10	19 10	1 2	6 10	7 7	6 35	6 2	18 30		n.a.
S 3	23 42	19 7	4 49	25 24	1 43	24 59	1 30	11 37	0 14	20 57	0 2	23 58	0 14	15 0	0 10	19 10	1 2	6 10	7 7	6 30	6 1	18 30		n.a.
M 4	23 45	18 28	5 1	25 33	1 46	24 53	1 30	11 22	0 13	21 0	0 2	23 57	0 14	14 59	0 10	19 11	1 2	6 10	7 7	6 25	5 59	18 29		n.a.
T 5	23 48	17 1	5 0	25 39	1 47	24 47	1 31	11 7	0 12	21 2	0 2	23 57	0 14	14 59	0 10	19 11	1 2	6 10	7 7	6 21	5 58	18 29		n.a.
W 6	23 50	14 50	4 45	25 43	1 48	24 39	1 31	10 52	0 11	21 5	0 2	23 57	0 14	14 58	0 10	19 12	1 2	6 11	7 8	6 16	5 57	18 28		n.a.
T 7	23 52	12 2	4 19	25 44	1 49	24 31	1 31	10 36	0 10	21 8	0 2	23 57	0 14	14 58	0 10	19 12	1 2	6 11	7 8	6 13	5 56	18 28		n.a.
F 8	23 54	8 42	3 40	25 43	1 49	24 22	1 31	10 21	0 9	21 10	0 2	23 57	0 15	14 57	0 10	19 13	1 2	6 11	7 8	6 11	5 54	18 27		n.a.
S 9	23 55	4 57	2 51	25 40	1 48	24 12	1 31	10 5	0 8	21 13	0 2	23 57	0 15	14 57	0 10	19 13	1 2	6 11	7 8	6 9	5 53	18 27		n.a.
S 10	23 55	0 55	1 53	25 34	1 46	24 2	1 31	9 50	0 7	21 15	0 1	23 56	0 15	14 57	0 10	19 13	1 2	6 12	7 8	6 9	5 52	18 26		n.a.
M11	23 56	3n16	0 48	25 27	1 45	23 51	1 31	9 34	0 5	21 18	0 1	23 56	0 15	14 56	0 10	19 14	1 2	6 12	7 8	6 9	5 50	18 25		n.a.
T 12	23 55	7 25	0s22	25 17	1 42	23 39	1 31	9 18	0 4	21 20	0 1	23 56	0 15	14 56	0 10	19 14	1 2	6 12	7 8	6 9	5 49	18 25		n.a.
W13	23 55	11 20	1 33	25 6	1 40	23 26	1 31	9 2	0 3	21 23	0 1	23 56	0 15	14 55	0 10	19 15	1 2	6 12	7 8	6 9	5 48	18 24		n.a.
T 14	23 54	14 45	2 40	24 53	1 37	23 13	1 30	8 46	0 2	21 25	0 1	23 56	0 15	14 55	0 10	19 15	1 2	6 13	7 8	6 7	5 47	18 24		n.a.
F 15	23 52	17 21	3 39	24 38	1 33	22 59	1 30	8 30	0 1	21 28	0 1	23 55	0 15	14 55	0 10	19 16	1 2	6 13	7 8	6 5	5 45	18 23		n.a.
S 16	23 50	18 51	4 25	24 21	1 29	22 44	1 29	8 14	0 0	21 30	0 1	23 55	0 15	14 54	0 10	19 16	1 3	6 13	7 8	6 2	5 44	18 22		n.a.
S 17	23 48	19 1	4 53	24 3	1 25	22 29	1 29	7 57	0s 1	21 33	0 1	23 55	0 15	14 54	0 10	19 16	1 3	6 13	7 9	5 58	5 43	18 22		n.a.
M18	23 45	17 49	5 0	23 43	1 20	22 13	1 28	7 41	0 2	21 35	0 1	23 55	0 15	14 54	0 10	19 17	1 3	6 13	7 9	5 54	5 42	18 21		n.a.
T 19	23 42	15 21	4 46	23 22	1 15	21 56	1 28	7 24	0 3	21 37	0 0	23 55	0 16	14 54	0 10	19 17	1 3	6 13	7 9	5 50	5 40	18 21		n.a.
W20	23 38	11 54	4 12	23 0	1 10	21 39	1 27	7 8	0 4	21 40	0 0	23 55	0 16	14 53	0 10	19 18	1 3	6 14	7 9	5 46	5 39	18 20		n.a.
T 21	23 34	7 49	3 23	22 36	1 4	21 21	1 26	6 51	0 5	21 42	0 0	23 54	0 16	14 53	0 10	19 18	1 3	6 14	7 9	5 44	5 38	18 20		n.a.
F 22	23 30	3 25	2 23	22 12	0 58	21 2	1 25	6 34	0 6	21 44	0 0	23 54	0 16	14 53	0 10	19 18	1 3	6 14	7 9	5 42	5 37	18 19		n.a.
S 23	23 25	1s 1	1 16	21 46	0 52	20 43	1 24	6 17	0 7	21 47	0 0	23 54	0 16	14 53	0 10	19 19	1 3	6 14	7 9	5 42	5 35	18 18		n.a.
S 24	23 19	5 16	0 7	21 20	0 46	20 24	1 23	6 0	0 8	21 49	0n 0	23 54	0 16	14 52	0 10	19 19	1 3	6 14	7 9	5 42	5 34	18 18		n.a.
M25	23 13	9 9	1n 0	20 52	0 39	20 3	1 22	5 43	0 9	21 51	0 0	23 54	0 16	14 52	0 10	19 19	1 3	6 14	7 9	5 41	5 33	18 17		n.a.
T 26	23 7	12 32	2 3	20 24	0 32	19 43	1 21	5 26	0 10	21 53	0 0	23 53	0 16	14 52	0 10	19 20	1 3	6 14	7 9	5 41	5 32	18 17		n.a.
W27	23 0	15 19	2 58	19 55	0 26	19 21	1 20	5 9	0 11	21 55	0 0	23 53	0 16	14 52	0 10	19 20	1 3	6 14	7 10	5 40	5 30	18 16		n.a.
T 28	22 53	17 22	3 45	19 25	0 18	18 59	1 18	4 52	0 12	21 57	0 1	23 53	0 16	14 52	0 10	19 21	1 3	6 14	7 10	5 37	5 29	18 15		n.a.
F 29	22 46	18 39	4 21	18 55	0 11	18 37	1 17	4 35	0 13	21 59	0 1	23 53	0 16	14 52	0 10	19 21	1 3	6 15	7 10	5 34	5 28	18 15		n.a.
S 30	22 38	19 6	4 46	18 24	0 4	18 14	1 16	4 17	0 14	22 2	0 1	23 53	0 16	14 51	0 10	19 21	1 3	6 15	7 10	5 29	5 27	18 14		n.a.
S 31	22n30	18s43	4n58	17n53	0s 4	17n51	1n14	4n 0	0s15	22n 4	0n 1	23s52	0s17	14s51	0n10	19n22	1s 3	6n15	7s10	5s24	5s25	18s13		n.a.

Julian Day Number = 975033.5, Delta T = 13h20m40s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'40, Lahiri = -32°07'39 Julian Calendar 1 July 2044 BCE == Greg. Calendar 14 June 2044 BCE

The year -2043 astronomical counting style corresponds to year 2044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

AUGUST 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 29 31	20♋20'49	19♉56	11♌59	16♌14	20♍14	7♊56	20°R44	9°R41	29♉11	3♉38	13°R10	13♎25	12♉23	n.a.	M 1
T 2	19 33 28	21°19'28	1♒51	13°25	17°27	20°55	8° 7	20♐41	9♏40	29°13	3°38	12♎56	13°22	12°30	n.a.	T 2
W 3	19 37 24	22°18'09	13°48	14°49	18°41	21°37	8°19	20°37	9°40	29°14	3°38	12°44	13°19	12°37	n.a.	W 3
T 4	19 41 21	23°16'53	25°50	16°12	19°55	22°19	8°30	20°34	9°40	29°16	3°39	12°34	13°16	12°44	n.a.	T 4
F 5	19 45 17	24°15'39	7♓59	17°33	21° 8	23° 1	8°41	20°30	9°40	29°17	3°39	12°27	13°13	12°50	n.a.	F 5
S 6	19 49 14	25°14'27	20°16	18°53	22°22	23°43	8°52	20°27	9°D40	29°19	3°40	12°22	13° 9	12°57	n.a.	S 6
S 7	19 53 10	26°13'17	2♈47	20°12	23°36	24°25	9° 3	20°24	9°40	29°20	3°40	12°20	13° 6	13° 4	n.a.	S 7
M 8	19 57 7	27°12'10	15°33	21°30	24°49	25° 8	9°14	20°21	9°40	29°21	3°40	12°D20	13° 3	13°10	n.a.	M 8
T 9	20 1 4	28°11'06	28°39	22°46	26° 3	25°50	9°25	20°17	9°40	29°23	3°41	12°R20	13° 0	13°17	n.a.	T 9
W10	20 5 0	29°10'04	12♉10	24° 0	27°17	26°32	9°35	20°14	9°40	29°24	3°41	12°20	12°57	13°24	n.a.	W10
T 11	20 8 57	0♌ 9'05	26° 6	25°13	28°30	27°15	9°46	20°11	9°40	29°25	3°41	12°17	12°54	13°31	n.a.	T 11
F 12	20 12 53	1° 8'08	10♊29	26°24	29°44	27°58	9°57	20° 9	9°41	29°27	3°41	12°13	12°50	13°37	n.a.	F 12
S 13	20 16 50	2° 7'13	25°17	27°33	0♍57	28°40	10° 7	20° 6	9°41	29°28	3°41	12° 5	12°47	13°44	n.a.	S 13
S 14	20 20 46	3° 6'21	10♋22	28°41	2°11	29°23	10°17	20° 3	9°41	29°29	3°42	11°56	12°44	13°51	n.a.	S 14
M15	20 24 43	4° 5'32	25°37	29°46	3°25	0♎ 6	10°28	20° 1	9°42	29°30	3°42	11°46	12°41	13°58	n.a.	M15
T 16	20 28 39	5° 4'45	10♌50	0♍49	4°38	0°49	10°38	19°58	9°42	29°31	3°42	11°36	12°38	14° 4	n.a.	T 16
W17	20 32 36	6° 3'59	25°50	1°49	5°52	1°32	10°48	19°56	9°43	29°32	3°42	11°28	12°35	14°11	n.a.	W17
T 18	20 36 32	7° 3'16	10♍29	2°47	7° 5	2°15	10°58	19°53	9°43	29°34	3°42	11°22	12°31	14°18	n.a.	T 18
F 19	20 40 29	8° 2'35	24°40	3°42	8°19	2°58	11° 8	19°51	9°44	29°35	3°42	11°18	12°28	14°24	n.a.	F 19
S 20	20 44 26	9° 1'56	8♎23	4°34	9°32	3°42	11°18	19°49	9°45	29°36	3°42	11°D17	12°25	14°31	n.a.	S 20
S 21	20 48 22	10° 1'19	21°37	5°22	10°46	4°25	11°27	19°47	9°45	29°37	3°R42	11°17	12°22	14°38	n.a.	S 21
M22	20 52 19	11° 0'43	4♏27	6° 7	11°59	5° 9	11°37	19°45	9°46	29°38	3°42	11°18	12°19	14°45	n.a.	M22
T 23	20 56 15	12° 0'10	16°55	6°48	13°12	5°52	11°46	19°43	9°47	29°39	3°42	11°R18	12°15	14°51	n.a.	T 23
W24	21 0 12	12°59'39	29° 8	7°25	14°26	6°36	11°56	19°41	9°48	29°39	3°42	11°16	12°12	14°58	n.a.	W24
T 25	21 4 8	13°59'09	11♐ 9	7°56	15°39	7°20	12° 5	19°39	9°49	29°40	3°42	11°13	12° 9	15° 5	n.a.	T 25
F 26	21 8 5	14°58'42	23° 4	8°23	16°53	8° 3	12°14	19°38	9°50	29°41	3°42	11° 7	12° 6	15°11	n.a.	F 26
S 27	21 12 1	15°58'17	4♑56	8°43	18° 6	8°47	12°23	19°36	9°51	29°42	3°42	10°58	12° 3	15°18	n.a.	S 27
S 28	21 15 58	16°57'53	16°48	8°58	19°19	9°31	12°32	19°35	9°52	29°43	3°42	10°49	12° 0	15°25	n.a.	S 28
M29	21 19 54	17°57'32	28°44	9° 6	20°32	10°15	12°41	19°33	9°53	29°44	3°42	10°38	11°56	15°32	n.a.	M29
T 30	21 23 51	18°57'13	10♒43	9°R 6	21°46	10°59	12°49	19°32	9°54	29°44	3°41	10°28	11°53	15°38	n.a.	T 30
W31	21 27 48	19♌56'56	22♒49	8♍59	22♍59	11♎44	12♊58	19♐31	9♏55	29♉45	3♉41	10♎19	11♎50	15♑45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	22n21	17s30	4n58	17n21	0s12	17n27	1n13	3n42	0s16	22n 6	0n 1	23s52	0s17	14s51	0n10	19n22	1s 3	6n15	7s10	5s18	5s24	18s13			n.a.
T 2	22 12	15 33	4 44	16 49	0 20	17 2	1 11	3 25	0 17	22 8	0 1	23 52	0 17	14 51	0 10	19 22	1 3	6 15	7 10	5 12	5 23	18 12			n.a.
W 3	22 2	12 55	4 18	16 17	0 28	16 37	1 9	3 7	0 18	22 9	0 1	23 52	0 17	14 51	0 10	19 23	1 3	6 15	7 10	5 8	5 22	18 12			n.a.
T 4	21 52	9 44	3 39	15 44	0 36	16 12	1 7	2 49	0 19	22 11	0 1	23 52	0 17	14 51	0 10	19 23	1 3	6 15	7 10	5 4	5 20	18 11			n.a.
F 5	21 42	6 6	2 51	15 12	0 44	15 46	1 6	2 32	0 20	22 13	0 1	23 52	0 17	14 51	0 10	19 23	1 3	6 15	7 11	5 1	5 19	18 10			n.a.
S 6	21 31	2 11	1 54	14 39	0 52	15 20	1 4	2 14	0 21	22 15	0 2	23 51	0 17	14 51	0 10	19 23	1 3	6 15	7 11	4 59	5 18	18 10			n.a.
S 7	21 20	1n54	0 50	14 6	1 0	14 54	1 2	1 56	0 21	22 17	0 2	23 51	0 17	14 51	0 10	19 24	1 3	6 15	7 11	4 58	5 17	18 9			n.a.
M 8	21 9	5 59	0s17	13 33	1 8	14 27	1 0	1 38	0 22	22 19	0 2	23 51	0 17	14 51	0 10	19 24	1 3	6 15	7 11	4 58	5 15	18 8			n.a.
T 9	20 57	9 53	1 25	13 0	1 17	14 0	0 58	1 20	0 23	22 21	0 2	23 51	0 17	14 51	0 10	19 24	1 3	6 15	7 11	4 58	5 14	18 8			n.a.
W10	20 44	13 24	2 31	12 28	1 25	13 32	0 56	1 2	0 24	22 22	0 2	23 51	0 17	14 51	0 10	19 25	1 3	6 15	7 11	4 58	5 13	18 7			n.a.
T 11	20 32	16 16	3 30	11 55	1 33	13 4	0 53	0 44	0 25	22 24	0 2	23 51	0 17	14 51	0 10	19 25	1 3	6 15	7 11	4 57	5 12	18 6			n.a.
F 12	20 19	18 13	4 18	11 23	1 41	12 35	0 51	0 26	0 26	22 26	0 2	23 51	0 17	14 51	0 10	19 25	1 3	6 15	7 11	4 55	5 10	18 6			n.a.
S 13	20 5	19 1	4 50	10 52	1 49	12 7	0 49	0 8	0 27	22 28	0 2	23 50	0 18	14 52	0 10	19 25	1 3	6 15	7 11	4 52	5 9	18 5			n.a.
S 14	19 52	18 29	5 2	10 20	1 57	11 38	0 46	0s10	0 28	22 29	0 3	23 50	0 18	14 52	0 9	19 26	1 3	6 15	7 12	4 49	5 8	18 4			n.a.
M15	19 37	16 38	4 54	9 50	2 5	11 8	0 44	0 28	0 28	22 31	0 3	23 50	0 18	14 52	0 9	19 26	1 3	6 15	7 12	4 45	5 6	18 4			n.a.
T 16	19 23	13 38	4 24	9 20	2 13	10 39	0 42	0 47	0 29	22 32	0 3	23 50	0 18	14 52	0 9	19 26	1 3	6 15	7 12	4 41	5 5	18 3			n.a.
W17	19 8	9 46	3 37	8 51	2 21	10 9	0 39	1 5	0 30	22 34	0 3	23 50	0 18	14 52	0 9	19 26	1 3	6 15	7 12	4 37	5 4	18 2			n.a.
T 18	18 53	5 23	2 36	8 23	2 29	9 39	0 37	1 23	0 31	22 36	0 3	23 50	0 18	14 52	0 9	19 26	1 3	6 14	7 12	4 35	5 3	18 2			n.a.
F 19	18 38	0 50	1 27	7 56	2 36	9 9	0 34	1 41	0 32	22 37	0 3	23 50	0 18	14 53	0 9	19 27	1 3	6 14	7 12	4 34	5 1	18 1			n.a.
S 20	18 22	3s38	0 15	7 30	2 43	8 38	0 31	2 0	0 33	22 39	0 3	23 50	0 18	14 53	0 9	19 27	1 3	6 14	7 12	4 33	5 0	18 0			n.a.
S 21	18 6	7 45	0n55	7 6	2 50	8 7	0 29	2 18	0 33	22 40	0 3	23 49	0 18	14 53	0 9	19 27	1 3	6 14	7 12	4 33	4 59	18 0			n.a.
M22	17 49	11 22	2 1	6 44	2 56	7 36	0 26	2 36	0 34	22 42	0 4	23 49	0 18	14 53	0 9	19 27	1 3	6 14	7 12	4 33	4 58	17 59			n.a.
T 23	17 32	14 23	2 59	6 23	3 2	7 5	0 23	2 55	0 35	22 43	0 4	23 49	0 18	14 54	0 9	19 27	1 3	6 14	7 13	4 33	4 56	17 58			n.a.
W24	17 15	16 41	3 47	6 4	3 8	6 34	0 20	3 13	0 36	22 44	0 4	23 49	0 18	14 54	0 9	19 28	1 3	6 14	7 13	4 33	4 55	17 58			n.a.
T 25	16 58	18 12	4 25	5 47	3 13	6 2	0 18	3 31	0 36	22 46	0 4	23 49	0 18	14 54	0 9	19 28	1 3	6 14	7 13	4 31	4 54	17 57			n.a.
F 26	16 40	18 54	4 50	5 33	3 17	5 30	0 15	3 50	0 37	22 47	0 4	23 49	0 18	14 55	0 9	19 28	1 3	6 14	7 13	4 29	4 53	17 56			n.a.
S 27	16 22	18 47	5 4	5 22	3 21	4 59	0 12	4 8	0 38	22 49	0 4	23 49	0 18	14 55	0 9	19 28	1 3	6 13	7 13	4 26	4 51	17 55			n.a.
S 28	16 4	17 50	5 4	5 14	3 24	4 27	0 9	4 26	0 39	22 50	0 4	23 49	0 19	14 55	0 9	19 28	1 3	6 13	7 13	4 22	4 50	17 55			n.a.
M29	15 46	16 6	4 50	5 9	3 25	3 55	0 6	4 45	0 39	22 51	0 4	23 49	0 19	14 56	0 9	19 28	1 3	6 13	7 13	4 18	4 49	17 54			n.a.
T 30	15 27	13 40	4 24	5 8	3 26	3 22	0 3	5 3	0 40	22 52	0 5	23 49	0 19	14 56	0 9	19 29	1 3	6 13	7 13	4 13	4 48	17 53			n.a.
W31	15n 8	10s38	3n46	5n12	3s26	2n50	0s 0	5s21	0s41	22n54	0n 5	23s49	0s19	14s56	0n 9	19n29	1s 3	6n13	7s13	4s10	4s46	17s53			n.a.

Julian Day Number = 975064.5, Delta T = 13h20m38s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'35, Lahiri = -32°07'35 Julian Calendar 1 Aug. 2044 BCE == Greg. Calendar 15 July 2044 BCE

The year -2043 astronomical counting style corresponds to year 2044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

SEPTEMBER 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 31 44	20♌56'41	5♓ 1	8°R44	24♍12	12♎28	13♊ 6	19°R30	9♏57	29♉46	3°R41	10°R12	11♎47	15♑52	n.a.	T 1
F 2	21 35 41	21°56'28	17°22	8♍20	25°25	13°12	13°15	19♐29	9°58	29°46	3♉41	10♎ 7	11°44	15°59	n.a.	F 2
S 3	21 39 37	22°56'18	29°52	7°48	26°38	13°56	13°23	19°28	9°59	29°47	3°41	10° 4	11°40	16° 5	n.a.	S 3
S 4	21 43 34	23°56'09	12♈34	7° 7	27°51	14°41	13°31	19°27	10° 1	29°47	3°40	10°D 4	11°37	16°12	n.a.	S 4
M 5	21 47 30	24°56'04	25°29	6°17	29° 4	15°25	13°39	19°27	10° 2	29°48	3°40	10° 4	11°34	16°19	n.a.	M 5
T 6	21 51 27	25°56'00	8♉40	5°20	0♎17	16°10	13°46	19°26	10° 4	29°48	3°40	10° 6	11°31	16°25	n.a.	T 6
W 7	21 55 23	26°55'59	22° 9	4°16	1°30	16°55	13°54	19°26	10° 5	29°49	3°39	10°R 7	11°28	16°32	n.a.	W 7
T 8	21 59 20	27°56'01	5♊58	3° 6	2°43	17°39	14° 2	19°26	10° 7	29°49	3°39	10° 7	11°25	16°39	n.a.	T 8
F 9	22 3 16	28°56'04	20° 7	1°52	3°56	18°24	14° 9	19°25	10° 9	29°50	3°38	10° 5	11°21	16°46	n.a.	F 9
S 10	22 7 13	29°56'11	4♋36	0°36	5° 9	19° 9	14°16	19°25	10°10	29°50	3°38	10° 1	11°18	16°52	n.a.	S 10
S 11	22 11 10	0♍56'19	19°20	29♌20	6°22	19°54	14°23	19°D25	10°12	29°50	3°38	9°56	11°15	16°59	n.a.	S 11
M12	22 15 6	1°56'30	4♌13	28° 6	7°35	20°39	14°30	19°25	10°14	29°51	3°37	9°50	11°12	17° 6	n.a.	M12
T 13	22 19 3	2°56'43	19° 8	26°58	8°48	21°24	14°37	19°25	10°16	29°51	3°37	9°44	11° 9	17°13	n.a.	T 13
W14	22 22 59	3°56'58	3♍55	25°56	10° 1	22° 9	14°44	19°26	10°18	29°51	3°36	9°40	11° 6	17°19	n.a.	W14
T 15	22 26 56	4°57'15	18°27	25° 3	11°13	22°54	14°50	19°26	10°20	29°51	3°36	9°36	11° 2	17°26	n.a.	T 15
F 16	22 30 52	5°57'34	2♎37	24°20	12°26	23°40	14°56	19°27	10°22	29°51	3°35	9°35	10°59	17°33	n.a.	F 16
S 17	22 34 49	6°57'54	16°22	23°48	13°39	24°25	15° 3	19°27	10°24	29°51	3°34	9°D34	10°56	17°39	n.a.	S 17
S 18	22 38 45	7°58'16	29°42	23°27	14°52	25°10	15° 9	19°28	10°26	29°52	3°34	9°36	10°53	17°46	n.a.	S 18
M19	22 42 42	8°58'40	12♏36	23°D19	16° 4	25°56	15°14	19°29	10°28	29°52	3°33	9°37	10°50	17°53	n.a.	M19
T 20	22 46 38	9°59'06	25°10	23°21	17°17	26°41	15°20	19°30	10°30	29°R52	3°33	9°39	10°46	18° 0	n.a.	T 20
W21	22 50 35	10°59'33	7♐26	23°35	18°29	27°27	15°26	19°31	10°32	29°52	3°32	9°R40	10°43	18° 6	n.a.	W21
T 22	22 54 32	12° 0'02	19°29	23°58	19°42	28°12	15°31	19°32	10°34	29°51	3°31	9°40	10°40	18°13	n.a.	T 22
F 23	22 58 28	13° 0'33	1♑24	24°31	20°54	28°58	15°36	19°33	10°37	29°51	3°31	9°38	10°37	18°20	n.a.	F 23
S 24	23 2 25	14° 1'05	13°16	25°13	22° 7	29°43	15°41	19°35	10°39	29°51	3°30	9°35	10°34	18°26	n.a.	S 24
S 25	23 6 21	15° 1'38	25°10	26° 2	23°19	0♏29	15°46	19°36	10°41	29°51	3°29	9°32	10°31	18°33	n.a.	S 25
M26	23 10 18	16° 2'13	7♒ 7	26°58	24°31	1°15	15°51	19°38	10°44	29°51	3°28	9°28	10°27	18°40	n.a.	M26
T 27	23 14 14	17° 2'49	19°12	28° 0	25°44	2° 1	15°55	19°39	10°46	29°51	3°28	9°24	10°24	18°47	n.a.	T 27
W28	23 18 11	18° 3'27	1♓27	29° 7	26°56	2°47	16° 0	19°41	10°49	29°50	3°27	9°20	10°21	18°53	n.a.	W28
T 29	23 22 7	19° 4'07	13°52	0♍19	28° 8	3°33	16° 4	19°43	10°51	29°50	3°26	9°18	10°18	19° 0	n.a.	T 29
F 30	23 26 4	20♍ 4'48	26♓30	1♍34	29♎20	4♏19	16♊ 8	19♐45	10♏54	29♉50	3♉25	9♎16	10♎15	19♑ 7	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n48	7s 7	2n57	5n19	3s24	2n18	0s 3	5s39	0s42	22n55	0n 5	23s49	0s19	14s57	0n 9	19n29	1s 3	6n13	7s14	4s 7	4s45	17s52		n.a.
F 2	14 29	3 16	1 59	5 31	3 21	1 45	0 6	5 58	0 42	22 56	0 5	23 49	0 19	14 57	0 9	19 29	1 3	6 12	7 14	4 5	4 44	17 51		n.a.
S 3	14 9	0n47	0 55	5 48	3 16	1 13	0 10	6 16	0 43	22 57	0 5	23 49	0 19	14 58	0 9	19 29	1 3	6 12	7 14	4 4	4 42	17 50		n.a.
S 4	13 49	4 51	0s14	6 10	3 9	0 41	0 13	6 34	0 44	22 58	0 5	23 49	0 19	14 58	0 9	19 29	1 3	6 12	7 14	4 4	4 41	17 50		n.a.
M 5	13 28	8 46	1 23	6 36	3 0	0 8	0 16	6 52	0 44	22 59	0 5	23 49	0 19	14 59	0 9	19 29	1 3	6 12	7 14	4 4	4 40	17 49		n.a.
T 6	13 8	12 20	2 29	7 8	2 49	0s24	0 19	7 11	0 45	23 1	0 6	23 49	0 19	14 59	0 9	19 29	1 3	6 12	7 14	4 5	4 39	17 48		n.a.
W 7	12 47	15 20	3 28	7 43	2 36	0 57	0 22	7 29	0 46	23 2	0 6	23 49	0 19	15 0	0 9	19 29	1 3	6 11	7 14	4 5	4 37	17 48		n.a.
T 8	12 26	17 31	4 17	8 23	2 22	1 29	0 25	7 47	0 46	23 3	0 6	23 49	0 19	15 0	0 9	19 29	1 4	6 11	7 14	4 5	4 36	17 47		n.a.
F 9	12 5	18 42	4 52	9 5	2 5	2 2	0 29	8 5	0 47	23 4	0 6	23 49	0 19	15 1	0 9	19 29	1 4	6 11	7 14	4 4	4 35	17 46		n.a.
S 10	11 43	18 42	5 9	9 49	1 47	2 34	0 32	8 23	0 48	23 5	0 6	23 49	0 19	15 1	0 9	19 30	1 4	6 11	7 15	4 3	4 34	17 45		n.a.
S 11	11 22	17 27	5 6	10 34	1 28	3 7	0 35	8 41	0 48	23 6	0 6	23 49	0 19	15 2	0 9	19 30	1 4	6 10	7 15	4 1	4 32	17 45		n.a.
M12	11 0	15 1	4 43	11 19	1 8	3 39	0 38	8 59	0 49	23 7	0 6	23 49	0 19	15 3	0 9	19 30	1 4	6 10	7 15	3 58	4 31	17 44		n.a.
T 13	10 38	11 35	4 0	12 2	0 48	4 11	0 42	9 17	0 50	23 8	0 7	23 49	0 20	15 3	0 9	19 30	1 4	6 10	7 15	3 56	4 30	17 43		n.a.
W14	10 16	7 27	3 2	12 42	0 27	4 44	0 45	9 34	0 50	23 9	0 7	23 49	0 20	15 4	0 9	19 30	1 4	6 10	7 15	3 54	4 29	17 42		n.a.
T 15	9 53	2 56	1 53	13 19	0 7	5 16	0 48	9 52	0 51	23 9	0 7	23 49	0 20	15 4	0 9	19 30	1 4	6 9	7 15	3 53	4 27	17 42		n.a.
F 16	9 31	1s38	0 38	13 52	0n12	5 48	0 51	10 10	0 52	23 10	0 7	23 49	0 20	15 5	0 9	19 30	1 4	6 9	7 15	3 52	4 26	17 41		n.a.
S 17	9 8	6 0	0n37	14 20	0 30	6 19	0 54	10 27	0 52	23 11	0 7	23 50	0 20	15 6	0 9	19 30	1 4	6 9	7 15	3 52	4 25	17 40		n.a.
S 18	8 45	9 55	1 48	14 43	0 47	6 51	0 58	10 45	0 53	23 12	0 7	23 50	0 20	15 6	0 9	19 30	1 4	6 9	7 15	3 53	4 23	17 39		n.a.
M19	8 22	13 13	2 51	15 0	1 2	7 23	1 1	11 2	0 53	23 13	0 7	23 50	0 20	15 7	0 9	19 30	1 4	6 8	7 15	3 53	4 22	17 39		n.a.
T 20	7 59	15 49	3 44	15 12	1 16	7 54	1 4	11 20	0 54	23 14	0 8	23 50	0 20	15 8	0 9	19 30	1 4	6 8	7 15	3 54	4 21	17 38		n.a.
W21	7 35	17 38	4 26	15 19	1 28	8 25	1 7	11 37	0 54	23 14	0 8	23 50	0 20	15 9	0 9	19 30	1 4	6 8	7 16	3 54	4 20	17 37		n.a.
T 22	7 12	18 36	4 55	15 21	1 38	8 56	1 10	11 54	0 55	23 15	0 8	23 50	0 20	15 9	0 9	19 30	1 4	6 7	7 16	3 54	4 18	17 36		n.a.
F 23	6 48	18 45	5 11	15 18	1 47	9 27	1 13	12 11	0 55	23 16	0 8	23 50	0 20	15 10	0 9	19 29	1 4	6 7	7 16	3 54	4 17	17 35		n.a.
S 24	6 25	18 3	5 13	15 10	1 54	9 58	1 17	12 28	0 56	23 17	0 8	23 51	0 20	15 11	0 9	19 29	1 4	6 7	7 16	3 52	4 16	17 35		n.a.
S 25	6 1	16 35	5 2	14 59	2 0	10 28	1 20	12 45	0 57	23 17	0 8	23 51	0 20	15 12	0 9	19 29	1 4	6 6	7 16	3 51	4 15	17 34		n.a.
M26	5 37	14 23	4 38	14 43	2 5	10 58	1 23	13 2	0 57	23 18	0 9	23 51	0 20	15 12	0 9	19 29	1 4	6 6	7 16	3 49	4 13	17 33		n.a.
T 27	5 13	11 33	4 2	14 25	2 8	11 28	1 26	13 19	0 58	23 19	0 9	23 51	0 20	15 13	0 9	19 29	1 4	6 6	7 16	3 48	4 12	17 32		n.a.
W28	4 49	8 10	3 14	14 3	2 11	11 58	1 29	13 35	0 58	23 19	0 9	23 51	0 20	15 14	0 9	19 29	1 4	6 5	7 16	3 46	4 11	17 32		n.a.
T 29	4 25	4 23	2 15	13 38	2 12	12 27	1 32	13 52	0 59	23 20	0 9	23 51	0 20	15 15	0 9	19 29	1 4	6 5	7 16	3 45	4 9	17 31		n.a.
F 30	4n 0	0s21	1n10	13n11	2n13	12s56	1s35	14s 8	0s59	23n20	0n 9	23s52	0s20	15s16	0n 9	19n29	1s 4	6n 5	7s16	3s45	4s 8	17s30		n.a.

Julian Day Number = 975095.5, Delta T = 13h20m36s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'31, Lahiri = -32°07'31 Julian Calendar 1 Sept. 2044 BCE == Greg. Calendar 15 Aug. 2044 BCE

The year -2043 astronomical counting style corresponds to year 2044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

OCTOBER 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 30 0	21♍ 5'31	9♈20	2♍53	0♏32	5♏ 5	16♊12	19♐47	10♏56	29°R49	3°R24	9°D15	10♎11	19♑14	n.a.	S 1
S 2	23 33 57	22° 6'15	22°22	4°14	1°44	5°51	16°15	19°49	10°59	29♉49	3♉24	9♎16	10° 8	19°20	n.a.	S 2
M 3	23 37 54	23° 7'02	5♉38	5°38	2°56	6°37	16°19	19°51	11° 2	29°49	3°23	9°17	10° 5	19°27	n.a.	M 3
T 4	23 41 50	24° 7'50	19° 5	7° 4	4° 8	7°23	16°22	19°54	11° 4	29°48	3°22	9°18	10° 2	19°34	n.a.	T 4
W 5	23 45 47	25° 8'39	2♊45	8°31	5°20	8° 9	16°25	19°56	11° 7	29°48	3°21	9°19	9°59	19°40	n.a.	W 5
T 6	23 49 43	26° 9'31	16°38	10° 0	6°31	8°55	16°28	19°59	11°10	29°47	3°20	9°20	9°56	19°47	n.a.	T 6
F 7	23 53 40	27°10'24	0♋41	11°30	7°43	9°41	16°31	20° 1	11°13	29°46	3°19	9°R20	9°52	19°54	n.a.	F 7
S 8	23 57 36	28°11'19	14°55	13° 1	8°55	10°28	16°33	20° 4	11°15	29°46	3°18	9°20	9°49	20° 1	n.a.	S 8
S 9	0 1 33	29°12'16	29°17	14°32	10° 6	11°14	16°36	20° 7	11°18	29°45	3°17	9°19	9°46	20° 7	n.a.	S 9
M10	0 5 29	0♎13'14	13♌43	16° 4	11°18	12° 0	16°38	20°10	11°21	29°45	3°16	9°18	9°43	20°14	n.a.	M10
T 11	0 9 26	1°14'14	28° 9	17°37	12°29	12°47	16°40	20°13	11°24	29°44	3°15	9°17	9°40	20°21	n.a.	T 11
W12	0 13 23	2°15'15	12♍29	19°10	13°41	13°33	16°42	20°16	11°27	29°43	3°14	9°16	9°37	20°27	n.a.	W12
T 13	0 17 19	3°16'17	26°39	20°43	14°52	14°20	16°43	20°19	11°30	29°42	3°13	9°15	9°33	20°34	n.a.	T 13
F 14	0 21 16	4°17'21	10♎34	22°17	16° 3	15° 6	16°44	20°23	11°33	29°42	3°12	9°D15	9°30	20°41	n.a.	F 14
S 15	0 25 12	5°18'26	24°10	23°50	17°14	15°53	16°46	20°26	11°36	29°41	3°11	9°15	9°27	20°48	n.a.	S 15
S 16	0 29 9	6°19'32	7♏26	25°24	18°25	16°39	16°47	20°30	11°39	29°40	3°10	9°16	9°24	20°54	n.a.	S 16
M17	0 33 5	7°20'39	20°21	26°58	19°36	17°26	16°47	20°33	11°42	29°39	3° 9	9°16	9°21	21° 1	n.a.	M17
T 18	0 37 2	8°21'46	2♐57	28°32	20°47	18°13	16°48	20°37	11°45	29°38	3° 8	9°16	9°17	21° 8	n.a.	T 18
W19	0 40 58	9°22'55	15°16	0♎ 6	21°58	18°59	16°48	20°41	11°48	29°37	3° 7	9°R16	9°14	21°15	n.a.	W19
T 20	0 44 55	10°24'04	27°22	1°40	23° 9	19°46	16°49	20°45	11°52	29°36	3° 6	9°16	9°11	21°21	n.a.	T 20
F 21	0 48 52	11°25'14	9♑19	3°14	24°19	20°33	16°R49	20°49	11°55	29°35	3° 5	9°D16	9° 8	21°28	n.a.	F 21
S 22	0 52 48	12°26'25	21°12	4°48	25°30	21°20	16°48	20°53	11°58	29°34	3° 4	9°16	9° 5	21°35	n.a.	S 22
S 23	0 56 45	13°27'36	3♒ 5	6°22	26°40	22° 6	16°48	20°57	12° 1	29°33	3° 3	9°16	9° 2	21°41	n.a.	S 23
M24	1 0 41	14°28'47	15° 3	7°56	27°51	22°53	16°47	21° 1	12° 5	29°32	3° 1	9°17	8°58	21°48	n.a.	M24
T 25	1 4 38	15°30'00	27°10	9°30	29° 1	23°40	16°47	21° 5	12° 8	29°31	3° 0	9°18	8°55	21°55	n.a.	T 25
W26	1 8 34	16°31'12	9♓30	11° 4	0♐11	24°27	16°46	21°10	12°11	29°30	2°59	9°18	8°52	22° 2	n.a.	W26
T 27	1 12 31	17°32'26	22° 6	12°38	1°21	25°14	16°45	21°14	12°15	29°29	2°58	9°19	8°49	22° 8	n.a.	T 27
F 28	1 16 27	18°33'40	4♈59	14°12	2°31	26° 1	16°43	21°19	12°18	29°28	2°57	9°R19	8°46	22°15	n.a.	F 28
S 29	1 20 24	19°34'54	18°10	15°46	3°41	26°47	16°42	21°23	12°21	29°26	2°56	9°19	8°42	22°22	n.a.	S 29
S 30	1 24 21	20°36'09	1♉38	17°20	4°50	27°34	16°40	21°28	12°25	29°25	2°55	9°19	8°39	22°28	n.a.	S 30
M31	1 28 17	21♎37'25	15♉21	18♎55	6♐ 0	28♏21	16♊38	21♐33	12♏28	29♉24	2♉53	9♎17	8♎36	22♑35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n36	3n46	0s 0	12n42	2n12	13s25	1s38	14s25	1s 0	23n21	0n 9	23s52	0s20	15s16	0n 9	19n29	1s 4	6n 4	7s16	3s44	4s 7	17s29		n.a.
S 2	3 12	7 46	1 12	12 11	2 11	13 53	1 40	14 41	1 0	23 21	0 9	23 52	0 21	15 17	0 9	19 29	1 4	6 4	7 16	3 45	4 6	17 28		n.a.
M 3	2 47	11 27	2 21	11 37	2 9	14 21	1 43	14 57	1 0	23 22	0 10	23 52	0 21	15 18	0 9	19 29	1 4	6 4	7 16	3 45	4 4	17 28		n.a.
T 4	2 23	14 36	3 23	11 3	2 7	14 49	1 46	15 13	1 1	23 22	0 10	23 53	0 21	15 19	0 9	19 29	1 4	6 3	7 17	3 46	4 3	17 27		n.a.
W 5	1 58	16 59	4 15	10 27	2 4	15 16	1 49	15 28	1 1	23 23	0 10	23 53	0 21	15 20	0 9	19 28	1 4	6 3	7 17	3 46	4 2	17 26		n.a.
T 6	1 33	18 24	4 52	9 49	2 0	15 43	1 51	15 44	1 2	23 23	0 10	23 53	0 21	15 21	0 9	19 28	1 4	6 3	7 17	3 46	4 1	17 25		n.a.
F 7	1 9	18 42	5 13	9 11	1 56	16 9	1 54	16 0	1 2	23 24	0 10	23 53	0 21	15 22	0 9	19 28	1 4	6 2	7 17	3 46	3 59	17 24		n.a.
S 8	0 44	17 51	5 15	8 31	1 52	16 36	1 57	16 15	1 3	23 24	0 10	23 54	0 21	15 23	0 9	19 28	1 4	6 2	7 17	3 46	3 58	17 23		n.a.
S 9	0 19	15 52	4 58	7 51	1 47	17 1	1 59	16 30	1 3	23 25	0 11	23 54	0 21	15 23	0 9	19 28	1 4	6 2	7 17	3 46	3 57	17 23		n.a.
M10	0s 5	12 52	4 22	7 10	1 42	17 27	2 2	16 45	1 3	23 25	0 11	23 54	0 21	15 24	0 9	19 28	1 4	6 1	7 17	3 45	3 55	17 22		n.a.
T 11	0 30	9 6	3 29	6 28	1 37	17 52	2 4	17 0	1 4	23 25	0 11	23 54	0 21	15 25	0 9	19 27	1 4	6 1	7 17	3 45	3 54	17 21		n.a.
W12	0 55	4 49	2 23	5 46	1 32	18 16	2 6	17 15	1 4	23 26	0 11	23 55	0 21	15 26	0 9	19 27	1 4	6 0	7 17	3 45	3 53	17 20		n.a.
T 13	1 20	0 18	1 9	5 4	1 26	18 40	2 8	17 29	1 5	23 26	0 11	23 55	0 21	15 27	0 9	19 27	1 4	6 0	7 17	3 44	3 52	17 19		n.a.
F 14	1 44	4s 9	0n 7	4 21	1 20	19 3	2 11	17 44	1 5	23 26	0 12	23 55	0 21	15 28	0 9	19 27	1 4	6 0	7 17	3 44	3 50	17 19		n.a.
S 15	2 9	8 18	1 22	3 37	1 14	19 26	2 13	17 58	1 5	23 27	0 12	23 56	0 21	15 29	0 8	19 27	1 4	5 59	7 17	3 44	3 49	17 18		n.a.
S 16	2 34	11 55	2 30	2 54	1 8	19 49	2 15	18 12	1 6	23 27	0 12	23 56	0 21	15 30	0 8	19 27	1 4	5 59	7 17	3 45	3 48	17 17		n.a.
M17	2 58	14 51	3 29	2 10	1 2	20 11	2 17	18 26	1 6	23 27	0 12	23 56	0 21	15 31	0 8	19 26	1 4	5 59	7 17	3 45	3 47	17 16		n.a.
T 18	3 23	16 59	4 16	1 26	0 55	20 32	2 19	18 40	1 6	23 28	0 12	23 56	0 21	15 32	0 8	19 26	1 4	5 58	7 17	3 45	3 45	17 15		n.a.
W19	3 47	18 17	4 50	0 42	0 49	20 53	2 20	18 53	1 7	23 28	0 12	23 57	0 21	15 33	0 8	19 26	1 4	5 58	7 17	3 45	3 44	17 14		n.a.
T 20	4 12	18 43	5 11	0s 2	0 42	21 14	2 22	19 7	1 7	23 28	0 13	23 57	0 21	15 34	0 8	19 26	1 4	5 57	7 17	3 45	3 43	17 13		n.a.
F 21	4 36	18 19	5 17	0 46	0 36	21 33	2 24	19 20	1 7	23 28	0 13	23 57	0 22	15 35	0 8	19 25	1 4	5 57	7 17	3 45	3 41	17 13		n.a.
S 22	5 1	17 6	5 11	1 30	0 29	21 53	2 25	19 33	1 8	23 28	0 13	23 58	0 22	15 36	0 8	19 25	1 4	5 57	7 17	3 45	3 40	17 12		n.a.
S 23	5 25	15 9	4 51	2 14	0 23	22 11	2 27	19 46	1 8	23 28	0 13	23 58	0 22	15 37	0 8	19 25	1 5	5 56	7 17	3 45	3 39	17 11		n.a.
M24	5 49	12 33	4 18	2 58	0 16	22 29	2 28	19 58	1 8	23 29	0 13	23 58	0 22	15 38	0 8	19 25	1 5	5 56	7 17	3 45	3 38	17 10		n.a.
T 25	6 13	9 22	3 33	3 41	0 9	22 47	2 30	20 10	1 9	23 29	0 13	23 59	0 22	15 39	0 8	19 24	1 5	5 55	7 17	3 45	3 36	17 9		n.a.
W26	6 37	5 44	2 38	4 25	0 3	23 3	2 31	20 23	1 9	23 29	0 14	23 59	0 22	15 40	0 8	19 24	1 5	5 55	7 17	3 46	3 35	17 8		n.a.
T 27	7 1	1 45	1 34	5 8	0s 4	23 19	2 32	20 34	1 9	23 29	0 14	24 0	0 22	15 41	0 8	19 24	1 5	5 55	7 17	3 46	3 34	17 7		n.a.
F 28	7 25	2n23	0 24	5 52	0 10	23 35	2 33	20 46	1 9	23 29	0 14	24 0	0 22	15 42	0 8	19 24	1 5	5 54	7 17	3 46	3 32	17 7		n.a.
S 29	7 49	6 31	0s49	6 35	0 16	23 50	2 34	20 58	1 10	23 29	0 14	24 0	0 22	15 43	0 8	19 23	1 5	5 54	7 17	3 46	3 31	17 6		n.a.
S 30	8 12	10 24	2 1	7 18	0 23	24 4	2 35	21 9	1 10	23 29	0 14	24 1	0 22	15 45	0 8	19 23	1 5	5 54	7 17	3 46	3 30	17 5		n.a.
M31	8s36	13n48	3s 7	8s 0	0s29	24s17	2s35	21s20	1s10	23n29	0n15	24s 1	0s22	15s46	0n 8	19n23	1s 5	5n53	7s17	3s45	3s29	17s 4		n.a.

Julian Day Number = 975125.5, Delta T = 13h20m34s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'27, Lahiri = -32°07'27 Julian Calendar 1 Oct. 2044 BCE == Greg. Calendar 14 Sept. 2044 BCE

The year -2043 astronomical counting style corresponds to year 2044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

NOVEMBER 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 32 14	22♎38'41	29♉17	20♎29	7♐ 9	29♏ 8	16°R36	21♐38	12♏31	29°R23	2°R52	9°R16	8♎33	22♑42	n.a.	T 1
W 2	1 36 10	23°39'58	13♊21	22° 4	8°18	29°55	16♊33	21°42	12°35	29♉21	2♉51	9♎14	8°30	22°49	n.a.	W 2
T 3	1 40 7	24°41'15	27°31	23°38	9°27	0♐42	16°31	21°47	12°38	29°20	2°50	9°12	8°27	22°55	n.a.	T 3
F 4	1 44 3	25°42'34	11♋43	25°13	10°36	1°29	16°28	21°53	12°42	29°19	2°49	9°11	8°23	23° 2	n.a.	F 4
S 5	1 48 0	26°43'53	25°55	26°48	11°45	2°16	16°25	21°58	12°45	29°17	2°47	9°D10	8°20	23° 9	n.a.	S 5
S 6	1 51 57	27°45'12	10♌ 4	28°23	12°54	3° 3	16°22	22° 3	12°49	29°16	2°46	9°11	8°17	23°15	n.a.	S 6
M 7	1 55 53	28°46'33	24° 9	29°59	14° 2	3°50	16°19	22° 8	12°52	29°15	2°45	9°12	8°14	23°22	n.a.	M 7
T 8	1 59 50	29°47'53	8♍ 7	1♏34	15°10	4°37	16°15	22°13	12°56	29°13	2°44	9°13	8°11	23°29	n.a.	T 8
W 9	2 3 46	0♏49'14	21°58	3°10	16°19	5°24	16°11	22°19	12°59	29°12	2°43	9°14	8° 8	23°36	n.a.	W 9
T 10	2 7 43	1°50'35	5♎38	4°46	17°27	6°11	16° 8	22°24	13° 3	29°10	2°42	9°R15	8° 4	23°42	n.a.	T 10
F 11	2 11 39	2°51'57	19° 8	6°22	18°34	6°58	16° 4	22°30	13° 6	29° 9	2°40	9°15	8° 1	23°49	n.a.	F 11
S 12	2 15 36	3°53'19	2♏24	7°59	19°42	7°45	15°59	22°36	13°10	29° 7	2°39	9°13	7°58	23°56	n.a.	S 12
S 13	2 19 32	4°54'41	15°27	9°36	20°49	8°33	15°55	22°41	13°13	29° 6	2°38	9°10	7°55	24° 3	n.a.	S 13
M14	2 23 29	5°56'02	28°14	11°13	21°57	9°20	15°50	22°47	13°17	29° 4	2°37	9° 6	7°52	24° 9	n.a.	M14
T 15	2 27 26	6°57'24	10♐45	12°50	23° 4	10° 7	15°46	22°53	13°21	29° 3	2°35	9° 1	7°48	24°16	n.a.	T 15
W16	2 31 22	7°58'45	23° 3	14°28	24°10	10°54	15°41	22°59	13°24	29° 1	2°34	8°56	7°45	24°23	n.a.	W16
T 17	2 35 19	9° 0'06	5♑ 9	16° 6	25°17	11°41	15°36	23° 5	13°28	29° 0	2°33	8°51	7°42	24°29	n.a.	T 17
F 18	2 39 15	10° 1'27	17° 6	17°44	26°23	12°28	15°30	23°11	13°31	28°58	2°32	8°48	7°39	24°36	n.a.	F 18
S 19	2 43 12	11° 2'47	28°58	19°22	27°29	13°15	15°25	23°17	13°35	28°57	2°31	8°45	7°36	24°43	n.a.	S 19
S 20	2 47 8	12° 4'06	10♒50	21° 1	28°35	14° 2	15°19	23°23	13°39	28°55	2°30	8°D44	7°33	24°50	n.a.	S 20
M21	2 51 5	13° 5'25	22°46	22°39	29°41	14°49	15°14	23°29	13°42	28°53	2°28	8°45	7°29	24°56	n.a.	M21
T 22	2 55 2	14° 6'43	4♓52	24°18	0♑46	15°36	15° 8	23°35	13°46	28°52	2°27	8°46	7°26	25° 3	n.a.	T 22
W23	2 58 58	15° 8'01	17°12	25°57	1°51	16°23	15° 2	23°41	13°49	28°50	2°26	8°48	7°23	25°10	n.a.	W23
T 24	3 2 55	16° 9'18	29°50	27°36	2°56	17°10	14°56	23°48	13°53	28°48	2°25	8°50	7°20	25°16	n.a.	T 24
F 25	3 6 51	17°10'34	12♈51	29°14	4° 0	17°57	14°49	23°54	13°56	28°47	2°24	8°R50	7°17	25°23	n.a.	F 25
S 26	3 10 48	18°11'49	26°16	0♐53	5° 5	18°45	14°43	24° 0	14° 0	28°45	2°23	8°48	7°14	25°30	n.a.	S 26
S 27	3 14 44	19°13'04	10♉ 4	2°31	6° 8	19°32	14°37	24° 7	14° 4	28°43	2°21	8°45	7°10	25°37	n.a.	S 27
M28	3 18 41	20°14'18	24°13	4° 8	7°12	20°19	14°30	24°13	14° 7	28°42	2°20	8°40	7° 7	25°43	n.a.	M28
T 29	3 22 38	21°15'32	8♊38	5°45	8°15	21° 6	14°23	24°20	14°11	28°40	2°19	8°33	7° 4	25°50	n.a.	T 29
W30	3 26 34	22♏16'45	23♊13	7♐21	9♑18	21♐53	14♊16	24♐26	14♏14	28♉38	2♉18	8♎26	7♎ 1	25♑57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s59	16n28	4 s 2	8 s42	0 s35	24 s30	2 s36	21 s31	1 s10	23n29	0n15	24 s 1	0 s22	15 s47	0n 8	19n23	1 s 5	5n53	7 s17	3 s45	3 s27	17 s 3		n.a.
W 2	9 22	18 10	4 44	9 24	0 41	24 42	2 36	21 41	1 10	23 29	0 15	24 2	0 22	15 48	0 8	19 22	1 5	5 52	7 17	3 44	3 26	17 2		n.a.
T 3	9 45	18 45	5 9	10 5	0 47	24 54	2 37	21 52	1 11	23 29	0 15	24 2	0 22	15 49	0 8	19 22	1 5	5 52	7 17	3 43	3 25	17 1		n.a.
F 4	10 8	18 9	5 16	10 46	0 53	25 5	2 37	22 2	1 11	23 29	0 15	24 2	0 22	15 50	0 8	19 22	1 5	5 52	7 17	3 43	3 24	17 0		n.a.
S 5	10 31	16 26	5 3	11 27	0 59	25 15	2 37	22 12	1 11	23 28	0 16	24 3	0 22	15 51	0 8	19 21	1 5	5 51	7 17	3 42	3 22	17 0		n.a.
S 6	10 53	13 44	4 31	12 7	1 5	25 24	2 37	22 21	1 11	23 28	0 16	24 3	0 22	15 52	0 8	19 21	1 5	5 51	7 17	3 42	3 21	16 59		n.a.
M 7	11 15	10 14	3 44	12 47	1 10	25 33	2 37	22 31	1 11	23 28	0 16	24 4	0 22	15 53	0 8	19 21	1 5	5 50	7 17	3 43	3 20	16 58		n.a.
T 8	11 38	6 10	2 43	13 26	1 15	25 41	2 37	22 40	1 11	23 28	0 16	24 4	0 22	15 54	0 8	19 20	1 5	5 50	7 17	3 44	3 18	16 57		n.a.
W 9	12 0	1 49	1 34	14 5	1 21	25 48	2 36	22 49	1 12	23 28	0 16	24 4	0 22	15 55	0 8	19 20	1 5	5 50	7 17	3 44	3 17	16 56		n.a.
T 10	12 21	2 s35	0 20	14 43	1 25	25 54	2 36	22 57	1 12	23 28	0 16	24 5	0 23	15 56	0 8	19 20	1 5	5 49	7 17	3 44	3 16	16 55		n.a.
F 11	12 43	6 48	0n54	15 20	1 30	26 0	2 35	23 6	1 12	23 27	0 17	24 5	0 23	15 58	0 8	19 19	1 5	5 49	7 17	3 44	3 15	16 54		n.a.
S 12	13 4	10 37	2 4	15 57	1 35	26 5	2 34	23 14	1 12	23 27	0 17	24 5	0 23	15 59	0 8	19 19	1 5	5 49	7 17	3 44	3 13	16 53		n.a.
S 13	13 25	13 50	3 6	16 32	1 39	26 9	2 34	23 22	1 12	23 27	0 17	24 6	0 23	16 0	0 8	19 19	1 5	5 48	7 17	3 42	3 12	16 52		n.a.
M14	13 46	16 19	3 57	17 8	1 43	26 13	2 33	23 29	1 12	23 26	0 17	24 6	0 23	16 1	0 8	19 18	1 5	5 48	7 17	3 41	3 11	16 51		n.a.
T 15	14 7	17 58	4 36	17 42	1 47	26 16	2 31	23 37	1 12	23 26	0 17	24 7	0 23	16 2	0 8	19 18	1 5	5 48	7 17	3 39	3 9	16 50		n.a.
W16	14 27	18 44	5 1	18 15	1 50	26 18	2 30	23 44	1 12	23 26	0 18	24 7	0 23	16 3	0 8	19 18	1 5	5 47	7 16	3 37	3 8	16 50		n.a.
T 17	14 47	18 38	5 12	18 48	1 53	26 19	2 29	23 50	1 13	23 25	0 18	24 7	0 23	16 4	0 8	19 17	1 5	5 47	7 16	3 35	3 7	16 49		n.a.
F 18	15 7	17 42	5 9	19 19	1 56	26 20	2 27	23 57	1 13	23 25	0 18	24 8	0 23	16 5	0 8	19 17	1 5	5 47	7 16	3 33	3 6	16 48		n.a.
S 19	15 27	16 0	4 53	19 49	1 59	26 20	2 26	24 3	1 13	23 25	0 18	24 8	0 23	16 6	0 8	19 17	1 5	5 46	7 16	3 32	3 4	16 47		n.a.
S 20	15 46	13 37	4 25	20 19	2 1	26 19	2 24	24 9	1 13	23 24	0 18	24 8	0 23	16 8	0 8	19 16	1 5	5 46	7 16	3 32	3 3	16 46		n.a.
M21	16 5	10 40	3 45	20 47	2 2	26 17	2 22	24 15	1 13	23 24	0 19	24 9	0 23	16 9	0 8	19 16	1 5	5 46	7 16	3 32	3 2	16 45		n.a.
T 22	16 24	7 13	2 55	21 13	2 4	26 15	2 20	24 20	1 13	23 23	0 19	24 9	0 23	16 10	0 8	19 16	1 5	5 45	7 16	3 33	3 1	16 44		n.a.
W23	16 42	3 24	1 55	21 39	2 5	26 12	2 17	24 25	1 13	23 23	0 19	24 10	0 23	16 11	0 8	19 15	1 5	5 45	7 16	3 34	2 59	16 43		n.a.
T 24	17 0	0n41	0 49	22 3	2 5	26 8	2 15	24 30	1 13	23 22	0 19	24 10	0 23	16 12	0 8	19 15	1 5	5 45	7 16	3 34	2 58	16 42		n.a.
F 25	17 18	4 50	0 s22	22 25	2 5	26 4	2 12	24 35	1 13	23 22	0 19	24 10	0 23	16 13	0 8	19 15	1 5	5 44	7 16	3 34	2 57	16 41		n.a.
S 26	17 36	8 53	1 33	22 46	2 4	25 59	2 10	24 39	1 13	23 21	0 19	24 11	0 23	16 14	0 8	19 14	1 5	5 44	7 16	3 34	2 55	16 40		n.a.
S 27	17 53	12 35	2 41	23 5	2 3	25 53	2 7	24 43	1 13	23 21	0 20	24 11	0 23	16 15	0 8	19 14	1 5	5 44	7 16	3 32	2 54	16 39		n.a.
M28	18 10	15 38	3 41	23 23	2 1	25 47	2 4	24 47	1 13	23 20	0 20	24 11	0 24	16 16	0 8	19 13	1 5	5 43	7 15	3 30	2 53	16 38		n.a.
T 29	18 26	17 47	4 28	23 38	1 58	25 40	2 1	24 50	1 13	23 19	0 20	24 12	0 24	16 17	0 8	19 13	1 5	5 43	7 15	3 27	2 52	16 37		n.a.
W30	18 s43	18n48	4 s58	23 s52	1 s55	25 s32	1 s57	24 s53	1 s13	23n19	0n20	24 s12	0 s24	16 s19	0n 8	19n13	1 s 5	5n43	7 s15	3 s25	2 s50	16 s36		n.a.

Julian Day Number = 975156.5, Delta T = 13h20m32s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'23, Lahiri = -32°07'22 Julian Calendar 1 Nov. 2044 BCE == Greg. Calendar 15 Oct. 2044 BCE

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ASTRODIENST EPHEMERIS for the year 2044 BCE
geocentric

DECEMBER 2044 BCE (-2043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 30 31	23♏17'57	7♋51	8♐55	10♑20	22♐40	14°R 9	24♐33	14♏18	28°R37	2°R17	8°R19	6♎58	26♑ 3	n.a.	T 1
F 2	3 34 27	24°19'09	22°25	10°28	11°22	23°27	14♊ 2	24°40	14°21	28♉35	2♉16	8♎14	6°54	26°10	n.a.	F 2
S 3	3 38 24	25°20'20	6♌49	12° 0	12°24	24°14	13°55	24°46	14°25	28°33	2°15	8°10	6°51	26°17	n.a.	S 3
S 4	3 42 20	26°21'31	21° 1	13°28	13°25	25° 0	13°48	24°53	14°29	28°32	2°14	8°D 8	6°48	26°24	n.a.	S 4
M 5	3 46 17	27°22'41	4♍59	14°54	14°26	25°47	13°40	25° 0	14°32	28°30	2°13	8° 8	6°45	26°30	n.a.	M 5
T 6	3 50 13	28°23'51	18°41	16°17	15°27	26°34	13°33	25° 7	14°36	28°28	2°11	8° 9	6°42	26°37	n.a.	T 6
W 7	3 54 10	29°25'00	2♎10	17°36	16°27	27°21	13°25	25°13	14°39	28°27	2°10	8°R10	6°39	26°44	n.a.	W 7
T 8	3 58 7	0♐26'08	15°26	18°50	17°26	28° 8	13°18	25°20	14°43	28°25	2° 9	8°10	6°35	26°50	n.a.	T 8
F 9	4 2 3	1°27'15	28°31	19°59	18°25	28°55	13°10	25°27	14°46	28°23	2° 8	8° 8	6°32	26°57	n.a.	F 9
S 10	4 6 0	2°28'22	11♏24	21° 2	19°24	29°42	13° 2	25°34	14°50	28°21	2° 7	8° 4	6°29	27° 4	n.a.	S 10
S 11	4 9 56	3°29'27	24° 7	21°58	20°22	0♑29	12°55	25°41	14°53	28°20	2° 6	7°56	6°26	27°11	n.a.	S 11
M12	4 13 53	4°30'32	6♐38	22°46	21°20	1°16	12°47	25°48	14°56	28°18	2° 5	7°47	6°23	27°17	n.a.	M12
T 13	4 17 49	5°31'35	19° 0	23°26	22°17	2° 2	12°39	25°55	15° 0	28°16	2° 4	7°35	6°19	27°24	n.a.	T 13
W14	4 21 46	6°32'37	1♑11	23°56	23°13	2°49	12°31	26° 2	15° 3	28°15	2° 3	7°23	6°16	27°31	n.a.	W14
T 15	4 25 43	7°33'37	13°13	24°16	24° 9	3°36	12°23	26° 9	15° 7	28°13	2° 2	7°12	6°13	27°37	n.a.	T 15
F 16	4 29 39	8°34'37	25° 9	24°R25	25° 4	4°23	12°15	26°16	15°10	28°11	2° 1	7° 2	6°10	27°44	n.a.	F 16
S 17	4 33 36	9°35'34	6♒59	24°23	25°59	5° 9	12° 7	26°24	15°13	28°10	2° 1	6°55	6° 7	27°51	n.a.	S 17
S 18	4 37 32	10°36'30	18°49	24°10	26°53	5°56	11°59	26°31	15°17	28° 8	2° 0	6°49	6° 4	27°58	n.a.	S 18
M19	4 41 29	11°37'25	0♓42	23°46	27°46	6°43	11°51	26°38	15°20	28° 6	1°59	6°47	6° 0	28° 4	n.a.	M19
T 20	4 45 25	12°38'17	12°44	23°11	28°38	7°29	11°43	26°45	15°23	28° 5	1°58	6°D46	5°57	28°11	n.a.	T 20
W21	4 49 22	13°39'08	25° 0	22°27	29°30	8°16	11°35	26°52	15°27	28° 3	1°57	6°47	5°54	28°18	n.a.	W21
T 22	4 53 18	14°39'57	7♈35	21°33	0♒21	9° 3	11°27	27° 0	15°30	28° 2	1°56	6°R47	5°51	28°24	n.a.	T 22
F 23	4 57 15	15°40'45	20°34	20°33	1°11	9°49	11°19	27° 7	15°33	28° 0	1°55	6°46	5°48	28°31	n.a.	F 23
S 24	5 1 12	16°41'30	4♉ 0	19°27	2° 1	10°36	11°11	27°14	15°36	27°58	1°54	6°43	5°45	28°38	n.a.	S 24
S 25	5 5 8	17°42'14	17°55	18°17	2°49	11°22	11° 3	27°21	15°39	27°57	1°54	6°38	5°41	28°45	n.a.	S 25
M26	5 9 5	18°42'56	2♊18	17° 6	3°37	12° 9	10°55	27°29	15°43	27°55	1°53	6°29	5°38	28°51	n.a.	M26
T 27	5 13 1	19°43'37	17° 3	15°55	4°23	12°55	10°48	27°36	15°46	27°54	1°52	6°19	5°35	28°58	n.a.	T 27
W28	5 16 58	20°44'16	2♋ 3	14°47	5° 9	13°41	10°40	27°43	15°49	27°52	1°51	6° 8	5°32	29° 5	n.a.	W28
T 29	5 20 54	21°44'53	17° 8	13°42	5°53	14°28	10°32	27°51	15°52	27°51	1°51	5°57	5°29	29°11	n.a.	T 29
F 30	5 24 51	22°45'29	2♌ 8	12°42	6°37	15°14	10°24	27°58	15°55	27°49	1°50	5°48	5°25	29°18	n.a.	F 30
S 31	5 28 48	23♐46'03	16♌54	11♐49	7♒19	16♑ 0	10♊17	28♐ 5	15♏58	27♉48	1♉49	5♎41	5♎22	29♑25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	18s59	18n33	5s 8	24s 4	1s51	25s24	1s54	24s56	1s13	23n18	0n20	24s12	0s24	16s20	0n 8	19n12	1s 5	5n43	7s15	3s22	2s49	16s35			n.a.
F 2	19 14	17 6	4 59	24 13	1 46	25 15	1 50	24 58	1 13	23 17	0 21	24 13	0 24	16 21	0 8	19 12	1 5	5 42	7 15	3 20	2 48	16 34			n.a.
S 3	19 29	14 35	4 31	24 21	1 41	25 6	1 46	25 1	1 13	23 17	0 21	24 13	0 24	16 22	0 8	19 12	1 5	5 42	7 15	3 18	2 46	16 33			n.a.
S 4	19 44	11 13	3 46	24 26	1 34	24 56	1 42	25 2	1 13	23 16	0 21	24 13	0 24	16 23	0 8	19 11	1 5	5 42	7 15	3 17	2 45	16 33			n.a.
M 5	19 58	7 16	2 49	24 29	1 27	24 45	1 38	25 4	1 13	23 15	0 21	24 14	0 24	16 24	0 8	19 11	1 5	5 41	7 15	3 18	2 44	16 32			n.a.
T 6	20 12	2 59	1 43	24 30	1 18	24 34	1 34	25 5	1 13	23 14	0 21	24 14	0 24	16 25	0 8	19 10	1 5	5 41	7 15	3 18	2 43	16 31			n.a.
W 7	20 26	1s22	0 32	24 28	1 9	24 22	1 29	25 6	1 13	23 14	0 21	24 14	0 24	16 26	0 8	19 10	1 5	5 41	7 14	3 18	2 41	16 30			n.a.
T 8	20 39	5 36	0n39	24 25	0 58	24 9	1 24	25 7	1 12	23 13	0 22	24 15	0 24	16 27	0 8	19 10	1 5	5 41	7 14	3 18	2 40	16 29			n.a.
F 9	20 52	9 30	1 47	24 19	0 46	23 56	1 19	25 8	1 12	23 12	0 22	24 15	0 24	16 28	0 8	19 9	1 5	5 40	7 14	3 17	2 39	16 28			n.a.
S 10	21 5	12 54	2 48	24 11	0 34	23 43	1 14	25 8	1 12	23 11	0 22	24 15	0 24	16 29	0 8	19 9	1 5	5 40	7 14	3 16	2 37	16 27			n.a.
S 11	21 17	15 37	3 40	24 0	0 20	23 29	1 9	25 8	1 12	23 10	0 22	24 16	0 24	16 30	0 8	19 9	1 5	5 40	7 14	3 13	2 36	16 26			n.a.
M12	21 28	17 35	4 21	23 49	0 5	23 15	1 4	25 7	1 12	23 10	0 22	24 16	0 24	16 31	0 8	19 8	1 5	5 40	7 14	3 9	2 35	16 25			n.a.
T 13	21 40	18 40	4 48	23 35	0n11	23 0	0 58	25 6	1 12	23 9	0 22	24 16	0 24	16 32	0 8	19 8	1 5	5 40	7 14	3 4	2 34	16 24			n.a.
W14	21 50	18 53	5 2	23 20	0 27	22 45	0 52	25 5	1 12	23 8	0 23	24 16	0 25	16 33	0 8	19 8	1 5	5 39	7 14	2 59	2 32	16 23			n.a.
T 15	22 1	18 15	5 2	23 3	0 45	22 29	0 46	25 4	1 12	23 7	0 23	24 17	0 25	16 34	0 8	19 7	1 4	5 39	7 13	2 55	2 31	16 22			n.a.
F 16	22 11	16 48	4 49	22 45	1 3	22 13	0 40	25 3	1 12	23 6	0 23	24 17	0 25	16 35	0 8	19 7	1 4	5 39	7 13	2 51	2 30	16 21			n.a.
S 17	22 20	14 39	4 23	22 27	1 21	21 56	0 34	25 1	1 11	23 5	0 23	24 17	0 25	16 36	0 8	19 6	1 4	5 39	7 13	2 48	2 29	16 20			n.a.
S 18	22 29	11 54	3 47	22 8	1 40	21 39	0 27	24 59	1 11	23 4	0 23	24 18	0 25	16 37	0 8	19 6	1 4	5 39	7 13	2 46	2 27	16 19			n.a.
M19	22 38	8 39	3 0	21 48	1 59	21 22	0 21	24 56	1 11	23 3	0 23	24 18	0 25	16 38	0 8	19 6	1 4	5 39	7 13	2 45	2 26	16 18			n.a.
T 20	22 46	5 0	2 4	21 28	2 17	21 5	0 14	24 53	1 11	23 2	0 24	24 18	0 25	16 39	0 8	19 5	1 4	5 38	7 13	2 44	2 25	16 17			n.a.
W21	22 54	1 4	1 2	21 9	2 34	20 47	0 7	24 50	1 11	23 1	0 24	24 18	0 25	16 40	0 8	19 5	1 4	5 38	7 12	2 45	2 23	16 16			n.a.
T 22	23 1	3n 0	0s 4	20 50	2 50	20 29	0n 1	24 47	1 11	23 0	0 24	24 19	0 25	16 41	0 8	19 5	1 4	5 38	7 12	2 45	2 22	16 15			n.a.
F 23	23 8	7 4	1 13	20 31	3 4	20 10	0 8	24 43	1 10	22 59	0 24	24 19	0 25	16 42	0 8	19 4	1 4	5 38	7 12	2 44	2 21	16 14			n.a.
S 24	23 15	10 56	2 19	20 13	3 17	19 52	0 16	24 40	1 10	22 58	0 24	24 19	0 25	16 43	0 8	19 4	1 4	5 38	7 12	2 43	2 20	16 13			n.a.
S 25	23 21	14 19	3 20	19 57	3 28	19 33	0 24	24 35	1 10	22 57	0 24	24 19	0 25	16 44	0 8	19 4	1 4	5 38	7 12	2 41	2 18	16 12			n.a.
M26	23 26	16 58	4 10	19 42	3 36	19 14	0 32	24 31	1 10	22 56	0 24	24 19	0 25	16 45	0 8	19 3	1 4	5 38	7 12	2 38	2 17	16 11			n.a.
T 27	23 31	18 34	4 45	19 29	3 42	18 54	0 40	24 26	1 10	22 55	0 25	24 20	0 25	16 46	0 8	19 3	1 4	5 37	7 11	2 33	2 16	16 10			n.a.
W28	23 36	18 54	5 0	19 18	3 46	18 35	0 48	24 21	1 9	22 54	0 25	24 20	0 26	16 47	0 8	19 3	1 4	5 37	7 11	2 29	2 14	16 9			n.a.
T 29	23 40	17 55	4 56	19 8	3 48	18 16	0 57	24 16	1 9	22 53	0 25	24 20	0 26	16 48	0 8	19 2	1 4	5 37	7 11	2 25	2 13	16 8			n.a.
F 30	23 43	15 42	4 30	19 2	3 47	17 56	1 6	24 11	1 9	22 52	0 25	24 20	0 26	16 49	0 8	19 2	1 4	5 37	7 11	2 21	2 12	16 7			n.a.
S 31	23s47	12n29	3s47	18s57	3n44	17s36	1n15	24s 5	1s 9	22n51	0n25	24s20	0s26	16s50	0n 8	19n 2	1s 4	5n37	7s11	2s18	2s11	16s 5			n.a.

Julian Day Number = 975186.5, Delta T = 13h20m30s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'19, Lahiri = -32°07'18 Julian Calendar 1 Dec. 2044 BCE == Greg. Calendar 14 Nov. 2044 BCE

The year -2043 astronomical counting style corresponds to year 2044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

JANUARY 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 32 44	24♐46'35	1♍21	11°R 2	8♒ 1	16♑47	10°R 9	28♐13	16♏ 1	27°R46	1°R49	5°R37	5♎19	29♑32	n.a.	S 1
M 2	5 36 41	25°47'06	15°26	10♐23	8°41	17°33	10♊ 2	28°20	16° 4	27♉45	1♉48	5°35	5°16	29°38	n.a.	M 2
T 3	5 40 37	26°47'36	29° 8	9°51	9°20	18°19	9°54	28°27	16° 7	27°43	1°47	5°35	5°13	29°45	n.a.	T 3
W 4	5 44 34	27°48'04	12♎29	9°28	9°57	19° 5	9°47	28°35	16°10	27°42	1°47	5°35	5°10	29°52	n.a.	W 4
T 5	5 48 30	28°48'30	25°32	9°12	10°33	19°51	9°40	28°42	16°13	27°40	1°46	5°33	5° 6	29°58	n.a.	T 5
F 6	5 52 27	29°48'55	8♏20	9° 3	11° 8	20°38	9°33	28°49	16°16	27°39	1°46	5°30	5° 3	0♒ 5	n.a.	F 6
S 7	5 56 23	0♑49'19	20°56	9°D 1	11°42	21°24	9°26	28°57	16°18	27°38	1°45	5°24	5° 0	0°12	n.a.	S 7
S 8	6 0 20	1°49'40	3♐21	9° 6	12°14	22°10	9°19	29° 4	16°21	27°36	1°44	5°14	4°57	0°19	n.a.	S 8
M 9	6 4 17	2°50'00	15°37	9°18	12°44	22°56	9°12	29°11	16°24	27°35	1°44	5° 2	4°54	0°25	n.a.	M 9
T 10	6 8 13	3°50'18	27°46	9°35	13°13	23°42	9° 5	29°19	16°27	27°34	1°43	4°48	4°51	0°32	n.a.	T 10
W11	6 12 10	4°50'34	9♑49	9°58	13°40	24°27	8°58	29°26	16°29	27°32	1°43	4°33	4°47	0°39	n.a.	W11
T 12	6 16 6	5°50'48	21°45	10°26	14° 5	25°13	8°52	29°33	16°32	27°31	1°43	4°18	4°44	0°45	n.a.	T 12
F 13	6 20 3	6°50'59	3♒37	10°59	14°29	25°59	8°46	29°41	16°35	27°30	1°42	4° 6	4°41	0°52	n.a.	F 13
S 14	6 23 59	7°51'09	15°27	11°36	14°51	26°45	8°39	29°48	16°37	27°29	1°42	3°55	4°38	0°59	n.a.	S 14
S 15	6 27 56	8°51'16	27°17	12°18	15°10	27°31	8°33	29°55	16°40	27°27	1°41	3°48	4°35	1° 6	n.a.	S 15
M16	6 31 52	9°51'21	9♓10	13° 3	15°28	28°17	8°27	0♑ 3	16°42	27°26	1°41	3°43	4°31	1°12	n.a.	M16
T 17	6 35 49	10°51'24	21°10	13°52	15°44	29° 2	8°22	0°10	16°45	27°25	1°41	3°41	4°28	1°19	n.a.	T 17
W18	6 39 45	11°51'25	3♈23	14°44	15°58	29°48	8°16	0°17	16°47	27°24	1°40	3°D41	4°25	1°26	n.a.	W18
T 19	6 43 42	12°51'23	15°53	15°39	16° 9	0♒33	8°11	0°24	16°50	27°23	1°40	3°R41	4°22	1°32	n.a.	T 19
F 20	6 47 39	13°51'18	28°46	16°37	16°18	1°19	8° 5	0°32	16°52	27°22	1°40	3°40	4°19	1°39	n.a.	F 20
S 21	6 51 35	14°51'12	12♉ 6	17°38	16°25	2° 4	8° 0	0°39	16°54	27°21	1°39	3°37	4°16	1°46	n.a.	S 21
S 22	6 55 32	15°51'03	25°56	18°41	16°30	2°50	7°55	0°46	16°56	27°20	1°39	3°32	4°12	1°53	n.a.	S 22
M23	6 59 28	16°50'51	10♊17	19°47	16°R32	3°35	7°50	0°53	16°59	27°19	1°39	3°25	4° 9	1°59	n.a.	M23
T 24	7 3 25	17°50'37	25° 4	20°55	16°31	4°21	7°45	1° 0	17° 1	27°18	1°39	3°15	4° 6	2° 6	n.a.	T 24
W25	7 7 21	18°50'21	10♋12	22° 5	16°28	5° 6	7°41	1° 8	17° 3	27°17	1°39	3° 4	4° 3	2°13	n.a.	W25
T 26	7 11 18	19°50'03	25°30	23°17	16°23	5°51	7°37	1°15	17° 5	27°16	1°39	2°54	4° 0	2°19	n.a.	T 26
F 27	7 15 14	20°49'43	10♌47	24°31	16°15	6°37	7°32	1°22	17° 7	27°15	1°38	2°45	3°57	2°26	n.a.	F 27
S 28	7 19 11	21°49'20	25°53	25°46	16° 5	7°22	7°28	1°29	17° 9	27°14	1°38	2°38	3°53	2°33	n.a.	S 28
S 29	7 23 8	22°48'55	10♍37	27° 4	15°52	8° 7	7°24	1°36	17°11	27°13	1°38	2°34	3°50	2°39	n.a.	S 29
M30	7 27 4	23°48'29	24°57	28°23	15°36	8°52	7°21	1°43	17°13	27°13	1°38	2°32	3°47	2°46	n.a.	M30
T 31	7 31 1	24♑48'00	8♎49	29♐44	15♒18	9♒37	7♊17	1♑50	17♏15	27♉12	1♉38	2°D32	3♎44	2♒53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat	
S 1	23 s49	8n34	2 s51	18 s55	3n40	17 s17	1n24	23 s59	1 s 8	22n50	0n25	24 s21	0 s26	16 s51	0n 8	19n 1	1 s 4	5n37	7 s11	2 s16		2 s 9		16 s 4				n.a.
M 2	23 51	4 15	1 45	18 56	3 34	16 57	1 34	23 52	1 8	22 49	0 25	24 21	0 26	16 51	0 8	19 1	1 4	5 37	7 10	2 16		2 8		16 3				n.a.
T 3	23 53	0 s10	0 34	18 58	3 27	16 37	1 43	23 46	1 8	22 48	0 26	24 21	0 26	16 52	0 8	19 1	1 4	5 37	7 10	2 16		2 7		16 2				n.a.
W 4	23 54	4 28	0n36	19 3	3 19	16 18	1 53	23 39	1 8	22 47	0 26	24 21	0 26	16 53	0 8	19 1	1 4	5 37	7 10	2 16		2 5		16 1				n.a.
T 5	23 55	8 28	1 43	19 9	3 9	15 58	2 3	23 32	1 7	22 46	0 26	24 21	0 26	16 54	0 8	19 0	1 4	5 37	7 10	2 15		2 4		16 0				n.a.
F 6	23 56	11 59	2 44	19 18	3 0	15 39	2 14	23 25	1 7	22 46	0 26	24 21	0 26	16 55	0 8	19 0	1 4	5 37	7 10	2 14		2 3		15 59				n.a.
S 7	23 55	14 54	3 35	19 28	2 49	15 19	2 24	23 17	1 7	22 45	0 26	24 22	0 26	16 56	0 8	19 0	1 4	5 37	7 9	2 11		2 2		15 58				n.a.
S 8	23 55	17 5	4 15	19 40	2 38	15 0	2 35	23 9	1 7	22 44	0 26	24 22	0 26	16 57	0 8	18 59	1 4	5 37	7 9	2 7		2 0		15 57				n.a.
M 9	23 54	18 27	4 43	19 52	2 27	14 41	2 45	23 1	1 6	22 43	0 26	24 22	0 26	16 57	0 8	18 59	1 4	5 37	7 9	2 2		1 59		15 56				n.a.
T 10	23 52	18 57	4 57	20 6	2 15	14 23	2 56	22 53	1 6	22 42	0 26	24 22	0 27	16 58	0 8	18 59	1 4	5 37	7 9	1 57		1 58		15 55				n.a.
W11	23 50	18 36	4 58	20 21	2 4	14 4	3 8	22 44	1 6	22 41	0 26	24 22	0 27	16 59	0 8	18 59	1 4	5 37	7 9	1 51		1 56		15 54				n.a.
T 12	23 48	17 25	4 46	20 37	1 52	13 46	3 19	22 36	1 5	22 40	0 27	24 22	0 27	17 0	0 8	18 58	1 4	5 37	7 8	1 45		1 55		15 53				n.a.
F 13	23 45	15 30	4 21	20 53	1 41	13 28	3 31	22 27	1 5	22 39	0 27	24 22	0 27	17 0	0 8	18 58	1 4	5 37	7 8	1 40		1 54		15 52				n.a.
S 14	23 41	12 57	3 45	21 9	1 29	13 10	3 42	22 17	1 5	22 38	0 27	24 22	0 27	17 1	0 8	18 58	1 4	5 37	7 8	1 35		1 53		15 51				n.a.
S 15	23 37	9 51	3 0	21 26	1 18	12 53	3 54	22 8	1 4	22 37	0 27	24 22	0 27	17 2	0 8	18 58	1 4	5 37	7 8	1 32		1 51		15 50				n.a.
M16	23 33	6 21	2 6	21 43	1 7	12 37	4 6	21 58	1 4	22 36	0 27	24 23	0 27	17 3	0 8	18 57	1 4	5 37	7 8	1 30		1 50		15 49				n.a.
T 17	23 28	2 34	1 6	22 0	0 56	12 21	4 18	21 48	1 4	22 35	0 27	24 23	0 27	17 3	0 8	18 57	1 4	5 37	7 7	1 30		1 49		15 48				n.a.
W18	23 23	1n24	0 2	22 17	0 45	12 5	4 30	21 38	1 3	22 35	0 27	24 23	0 27	17 4	0 8	18 57	1 4	5 37	7 7	1 29		1 47		15 46				n.a.
T 19	23 17	5 23	1 s 4	22 34	0 34	11 50	4 42	21 28	1 3	22 34	0 27	24 23	0 27	17 5	0 8	18 57	1 3	5 37	7 7	1 29		1 46		15 45				n.a.
F 20	23 11	9 15	2 9	22 50	0 24	11 36	4 54	21 17	1 3	22 33	0 27	24 23	0 27	17 5	0 8	18 56	1 3	5 38	7 7	1 29		1 45		15 44				n.a.
S 21	23 5	12 47	3 9	23 6	0 14	11 22	5 7	21 7	1 2	22 32	0 27	24 23	0 27	17 6	0 8	18 56	1 3	5 38	7 7	1 28		1 44		15 43				n.a.
S 22	22 58	15 45	4 0	23 22	0 4	11 9	5 19	20 56	1 2	22 32	0 28	24 23	0 28	17 7	0 8	18 56	1 3	5 38	7 6	1 26		1 42		15 42				n.a.
M23	22 50	17 52	4 38	23 37	0 s 6	10 56	5 31	20 45	1 2	22 31	0 28	24 23	0 28	17 7	0 8	18 56	1 3	5 38	7 6	1 23		1 41		15 41				n.a.
T 24	22 42	18 52	4 58	23 51	0 15	10 45	5 44	20 33	1 1	22 30	0 28	24 23	0 28	17 8	0 8	18 56	1 3	5 38	7 6	1 19		1 40		15 40				n.a.
W25	22 34	18 33	4 59	24 5	0 24	10 34	5 56	20 22	1 1	22 29	0 28	24 23	0 28	17 9	0 8	18 56	1 3	5 38	7 6	1 15		1 38		15 39				n.a.
T 26	22 26	16 54	4 39	24 17	0 32	10 24	6 8	20 10	1 1	22 29	0 28	24 23	0 28	17 9	0 8	18 55	1 3	5 38	7 6	1 10		1 37		15 38				n.a.
F 27	22 16	14 4	3 58	24 29	0 41	10 15	6 20	19 58	1 0	22 28	0 28	24 23	0 28	17 10	0 8	18 55	1 3	5 38	7 5	1 7		1 36		15 37				n.a.
S 28	22 7	10 19	3 1	24 40	0 49	10 7	6 31	19 46	1 0	22 28	0 28	24 23	0 28	17 11	0 8	18 55	1 3	5 39	7 5	1 4		1 35		15 36				n.a.
S 29	21 57	5 59	1 54	24 50	0 56	10 0	6 43	19 34	0 59	22 27	0 28	24 23	0 28	17 11	0 8	18 55	1 3	5 39	7 5	1 2		1 33		15 34				n.a.
M30	21 47	1 26	0 40	24 59	1 4	9 54	6 54	19 21	0 59	22 27	0 28	24 23	0 28	17 12	0 8	18 55	1 3	5 39	7 5	1 2		1 32		15 33				n.a.
T 31	21 s36	3 s 3	0n33	25 s 6	1 s11	9 s49	7n 4	19 s 9	0 s59	22n26	0n28	24 s23	0 s28	17 s12	0n 8	18n55	1 s 3	5n39	7 s 5	1 s 2		1 s31		15 s32				n.a.

Julian Day Number = 975217.5, Delta T = 13h20m28s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'15, Lahiri = -32°07'14 Julian Calendar 1 Jan. 2043 BCE == Greg. Calendar 15 Dec. 2044 BCE

The year -2042 astronomical counting style corresponds to year 2043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

FEBRUARY 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 34 57	25♉47'29	22♎15	1♉ 7	14°R58	10♒22	7°R14	1♉57	17♏17	27°R11	1°D38	2°R32	3♎41	3♒ 0	n.a.	W 1
T 2	7 38 54	26°46'57	5♏18	2°31	14♒35	11° 7	7♊11	2° 4	17°19	27♉10	1♉38	2♎32	3°37	3° 6	n.a.	T 2
F 3	7 42 50	27°46'23	18° 1	3°56	14°11	11°52	7° 8	2°11	17°20	27°10	1°38	2°30	3°34	3°13	n.a.	F 3
S 4	7 46 47	28°45'46	0♐28	5°23	13°44	12°37	7° 5	2°18	17°22	27° 9	1°38	2°25	3°31	3°20	n.a.	S 4
S 5	7 50 43	29°45'08	12°43	6°52	13°15	13°22	7° 3	2°24	17°24	27° 9	1°38	2°18	3°28	3°26	n.a.	S 5
M 6	7 54 40	0♒44'28	24°49	8°21	12°44	14° 6	7° 0	2°31	17°25	27° 8	1°39	2° 9	3°25	3°33	n.a.	M 6
T 7	7 58 36	1°43'46	6♉49	9°53	12°11	14°51	6°58	2°38	17°27	27° 7	1°39	1°58	3°22	3°40	n.a.	T 7
W 8	8 2 33	2°43'01	18°43	11°25	11°37	15°36	6°56	2°45	17°28	27° 7	1°39	1°46	3°18	3°47	n.a.	W 8
T 9	8 6 30	3°42'14	0♒35	13° 0	11° 2	16°20	6°54	2°52	17°30	27° 6	1°39	1°35	3°15	3°53	n.a.	T 9
F 10	8 10 26	4°41'26	12°26	14°35	10°26	17° 5	6°52	2°58	17°31	27° 6	1°39	1°25	3°12	4° 0	n.a.	F 10
S 11	8 14 23	5°40'34	24°16	16°12	9°49	17°50	6°51	3° 5	17°33	27° 6	1°39	1°17	3° 9	4° 7	n.a.	S 11
S 12	8 18 19	6°39'41	6♓ 9	17°50	9°11	18°34	6°50	3°11	17°34	27° 5	1°40	1°11	3° 6	4°13	n.a.	S 12
M13	8 22 16	7°38'45	18° 6	19°30	8°33	19°18	6°49	3°18	17°35	27° 5	1°40	1° 8	3° 3	4°20	n.a.	M13
T 14	8 26 12	8°37'47	0♈11	21°11	7°55	20° 3	6°48	3°24	17°37	27° 4	1°40	1°D 7	2°59	4°27	n.a.	T 14
W15	8 30 9	9°36'46	12°27	22°53	7°17	20°47	6°47	3°31	17°38	27° 4	1°41	1° 7	2°56	4°33	n.a.	W15
T 16	8 34 5	10°35'43	24°58	24°37	6°39	21°31	6°47	3°37	17°39	27° 4	1°41	1° 8	2°53	4°40	n.a.	T 16
F 17	8 38 2	11°34'37	7♉49	26°22	6° 2	22°16	6°46	3°44	17°40	27° 4	1°41	1°R 9	2°50	4°47	n.a.	F 17
S 18	8 41 58	12°33'29	21° 3	28° 9	5°26	23° 0	6°D46	3°50	17°41	27° 4	1°42	1° 9	2°47	4°54	n.a.	S 18
S 19	8 45 55	13°32'19	4♊44	29°57	4°51	23°44	6°46	3°56	17°42	27° 3	1°42	1° 7	2°43	5° 0	n.a.	S 19
M20	8 49 52	14°31'06	18°54	1♒47	4°17	24°28	6°47	4° 2	17°43	27° 3	1°42	1° 3	2°40	5° 7	n.a.	M20
T 21	8 53 48	15°29'51	3♋30	3°38	3°45	25°12	6°47	4° 9	17°44	27° 3	1°43	0°57	2°37	5°14	n.a.	T 21
W22	8 57 45	16°28'33	18°28	5°30	3°14	25°56	6°48	4°15	17°45	27° 3	1°43	0°51	2°34	5°20	n.a.	W22
T 23	9 1 41	17°27'13	3♌40	7°24	2°46	26°40	6°49	4°21	17°45	27°D 3	1°44	0°44	2°31	5°27	n.a.	T 23
F 24	9 5 38	18°25'51	18°57	9°19	2°19	27°24	6°50	4°27	17°46	27° 3	1°44	0°39	2°28	5°34	n.a.	F 24
S 25	9 9 34	19°24'27	4♍ 7	11°16	1°54	28° 8	6°51	4°33	17°47	27° 3	1°45	0°34	2°24	5°40	n.a.	S 25
S 26	9 13 31	20°23'00	19° 1	13°14	1°32	28°52	6°52	4°39	17°47	27° 3	1°45	0°32	2°21	5°47	n.a.	S 26
M27	9 17 27	21°21'32	3♎31	15°14	1°12	29°35	6°54	4°44	17°48	27° 3	1°46	0°D32	2°18	5°54	n.a.	M27
T 28	9 21 24	22♒20'01	17♎35	17♒15	0♒54	0♓19	6♊56	4♉50	17♏48	27♉ 4	1♉47	0♎33	2♎15	6♒ 1	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s25	7s15	1n43	25s12	1s17	9s45	7n15	18s56	0s58	22n25	0n28	24s23	0s28	17s13	0n 8	18n54	1s 3	5n39	7s 4	1s 2	1s29	15s31		n.a.
T 2	21 14	10 58	2 45	25 18	1 23	9 42	7 25	18 43	0 58	22 25	0 28	24 23	0 29	17 13	0 8	18 54	1 3	5 40	7 4	1 2	1 28	15 30		n.a.
F 3	21 2	14 4	3 37	25 21	1 29	9 40	7 34	18 30	0 57	22 25	0 28	24 23	0 29	17 14	0 8	18 54	1 3	5 40	7 4	1 1	1 27	15 29		n.a.
S 4	20 49	16 27	4 18	25 24	1 35	9 39	7 43	18 16	0 57	22 24	0 29	24 23	0 29	17 14	0 8	18 54	1 3	5 40	7 4	0 59	1 26	15 28		n.a.
S 5	20 37	18 3	4 46	25 24	1 40	9 40	7 51	18 3	0 57	22 24	0 29	24 23	0 29	17 15	0 8	18 54	1 3	5 40	7 4	0 56	1 24	15 27		n.a.
M 6	20 24	18 49	5 1	25 24	1 45	9 41	7 58	17 49	0 56	22 23	0 29	24 23	0 29	17 15	0 8	18 54	1 3	5 40	7 3	0 52	1 23	15 26		n.a.
T 7	20 11	18 43	5 2	25 22	1 49	9 44	8 5	17 36	0 56	22 23	0 29	24 23	0 29	17 16	0 8	18 54	1 3	5 41	7 3	0 48	1 22	15 24		n.a.
W 8	19 57	17 47	4 51	25 18	1 53	9 47	8 11	17 22	0 55	22 23	0 29	24 23	0 29	17 16	0 8	18 54	1 3	5 41	7 3	0 43	1 20	15 23		n.a.
T 9	19 43	16 6	4 26	25 12	1 56	9 52	8 16	17 8	0 55	22 23	0 29	24 23	0 29	17 17	0 8	18 54	1 3	5 41	7 3	0 38	1 19	15 22		n.a.
F 10	19 29	13 44	3 50	25 5	2 0	9 57	8 20	16 54	0 54	22 22	0 29	24 23	0 29	17 17	0 8	18 54	1 3	5 41	7 3	0 34	1 18	15 21		n.a.
S 11	19 14	10 48	3 4	24 57	2 2	10 4	8 23	16 39	0 54	22 22	0 29	24 23	0 29	17 17	0 8	18 54	1 3	5 42	7 2	0 31	1 17	15 20		n.a.
S 12	18 59	7 26	2 10	24 46	2 4	10 12	8 26	16 25	0 53	22 22	0 29	24 23	0 30	17 18	0 8	18 54	1 2	5 42	7 2	0 29	1 15	15 19		n.a.
M13	18 44	3 44	1 9	24 33	2 6	10 20	8 27	16 10	0 53	22 22	0 29	24 23	0 30	17 18	0 8	18 54	1 2	5 42	7 2	0 27	1 14	15 18		n.a.
T 14	18 28	0n 9	0 5	24 19	2 7	10 29	8 28	15 55	0 53	22 22	0 29	24 23	0 30	17 18	0 8	18 53	1 2	5 43	7 2	0 27	1 13	15 17		n.a.
W15	18 12	4 5	1s 1	24 3	2 8	10 39	8 27	15 41	0 52	22 22	0 29	24 23	0 30	17 19	0 8	18 53	1 2	5 43	7 1	0 27	1 11	15 15		n.a.
T 16	17 56	7 55	2 5	23 45	2 9	10 49	8 26	15 26	0 52	22 22	0 29	24 23	0 30	17 19	0 8	18 53	1 2	5 43	7 1	0 28	1 10	15 14		n.a.
F 17	17 40	11 29	3 5	23 24	2 9	11 1	8 24	15 11	0 51	22 22	0 29	24 22	0 30	17 19	0 8	18 53	1 2	5 44	7 1	0 28	1 9	15 13		n.a.
S 18	17 23	14 35	3 57	23 2	2 8	11 12	8 21	14 55	0 51	22 22	0 29	24 22	0 30	17 20	0 8	18 53	1 2	5 44	7 1	0 28	1 8	15 12		n.a.
S 19	17 6	16 59	4 37	22 38	2 7	11 25	8 17	14 40	0 50	22 22	0 29	24 22	0 30	17 20	0 8	18 53	1 2	5 44	7 1	0 27	1 6	15 11		n.a.
M20	16 48	18 26	5 2	22 12	2 5	11 37	8 12	14 25	0 50	22 22	0 29	24 22	0 30	17 20	0 8	18 53	1 2	5 45	7 0	0 26	1 5	15 10		n.a.
T 21	16 31	18 45	5 8	21 43	2 3	11 50	8 6	14 9	0 49	22 22	0 29	24 22	0 31	17 21	0 8	18 53	1 2	5 45	7 0	0 23	1 4	15 8		n.a.
W22	16 13	17 46	4 54	21 13	2 0	12 3	8 0	13 54	0 49	22 22	0 29	24 22	0 31	17 21	0 8	18 54	1 2	5 45	7 0	0 21	1 2	15 7		n.a.
T 23	15 55	15 31	4 20	20 40	1 57	12 17	7 52	13 38	0 48	22 22	0 30	24 22	0 31	17 21	0 8	18 54	1 2	5 46	7 0	0 18	1 1	15 6		n.a.
F 24	15 37	12 11	3 26	20 6	1 53	12 30	7 45	13 22	0 48	22 23	0 30	24 22	0 31	17 21	0 8	18 54	1 2	5 46	7 0	0 16	1 0	15 5		n.a.
S 25	15 18	8 3	2 18	19 29	1 49	12 43	7 36	13 6	0 47	22 23	0 30	24 22	0 31	17 21	0 8	18 54	1 2	5 46	6 59	0 14	0 59	15 4		n.a.
S 26	14 59	3 29	1 2	18 50	1 44	12 57	7 28	12 50	0 47	22 23	0 30	24 22	0 31	17 22	0 8	18 54	1 2	5 47	6 59	0 13	0 57	15 3		n.a.
M27	14 40	1s11	0n16	18 9	1 38	13 10	7 18	12 34	0 46	22 23	0 30	24 22	0 31	17 22	0 8	18 54	1 2	5 47	6 59	0 13	0 56	15 1		n.a.
T 28	14s21	5s38	1n32	17s26	1s32	13s24	7n 8	12s18	0s46	22n24	0n30	24s21	0s31	17s22	0n 8	18n54	1s 2	5n47	6s59	0s13	0s55	15s 0		n.a.

Julian Day Number = 975248.5, Delta T = 13h20m26s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'11, Lahiri = -32°07'10 Julian Calendar 1 Feb. 2043 BCE == Greg. Calendar 15 Jan. 2043 BCE

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

MARCH 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 25 20	23♒18'29	1♏11	19♒17	0°R39	1♓ 3	6♊57	4♉56	17♏49	27♉ 4	1♉47	0♎34	2♎12	6♒ 7	n.a.	W 1
T 2	9 29 17	24°16'55	14°21	21°21	0♒27	1°46	7° 0	5° 2	17°49	27° 4	1°48	0°35	2° 8	6°14	n.a.	T 2
F 3	9 33 13	25°15'20	27° 7	23°25	0°16	2°30	7° 2	5° 7	17°50	27° 4	1°49	0°R36	2° 5	6°21	n.a.	F 3
S 4	9 37 10	26°13'42	9♐35	25°31	0° 9	3°13	7° 4	5°13	17°50	27° 4	1°49	0°35	2° 2	6°27	n.a.	S 4
S 5	9 41 7	27°12'03	21°48	27°37	0° 3	3°57	7° 7	5°18	17°50	27° 5	1°50	0°32	1°59	6°34	n.a.	S 5
M 6	9 45 3	28°10'23	3♑50	29°44	0° 1	4°40	7°10	5°24	17°51	27° 5	1°51	0°28	1°56	6°41	n.a.	M 6
T 7	9 49 0	29° 8'40	15°44	1♓52	0°D 0	5°23	7°13	5°29	17°51	27° 5	1°51	0°24	1°53	6°47	n.a.	T 7
W 8	9 52 56	0♓ 6'56	27°35	3°59	0° 2	6° 7	7°16	5°34	17°51	27° 6	1°52	0°18	1°49	6°54	n.a.	W 8
T 9	9 56 53	1° 5'09	9♒25	6° 7	0° 6	6°50	7°19	5°39	17°51	27° 6	1°53	0°13	1°46	7° 1	n.a.	T 9
F 10	10 0 49	2° 3'21	21°16	8°14	0°13	7°33	7°23	5°45	17°R51	27° 7	1°54	0° 8	1°43	7° 8	n.a.	F 10
S 11	10 4 46	3° 1'31	3♓11	10°21	0°21	8°16	7°27	5°50	17°51	27° 7	1°55	0° 5	1°40	7°14	n.a.	S 11
S 12	10 8 42	3°59'39	15°11	12°27	0°32	8°59	7°31	5°55	17°51	27° 8	1°55	0° 2	1°37	7°21	n.a.	S 12
M13	10 12 39	4°57'46	27°17	14°32	0°45	9°42	7°35	6° 0	17°51	27° 8	1°56	0°D 1	1°34	7°28	n.a.	M13
T 14	10 16 35	5°55'50	9♈33	16°35	1° 0	10°25	7°39	6° 5	17°50	27° 9	1°57	0° 2	1°30	7°34	n.a.	T 14
W15	10 20 32	6°53'52	22° 0	18°36	1°17	11° 8	7°43	6° 9	17°50	27°10	1°58	0° 3	1°27	7°41	n.a.	W15
T 16	10 24 29	7°51'52	4♉40	20°35	1°36	11°51	7°48	6°14	17°50	27°10	1°59	0° 4	1°24	7°48	n.a.	T 16
F 17	10 28 25	8°49'50	17°37	22°32	1°56	12°34	7°52	6°19	17°50	27°11	2° 0	0° 6	1°21	7°54	n.a.	F 17
S 18	10 32 22	9°47'47	0♊53	24°26	2°18	13°17	7°57	6°23	17°49	27°12	2° 1	0° 7	1°18	8° 1	n.a.	S 18
S 19	10 36 18	10°45'41	14°31	26°18	2°43	13°59	8° 2	6°28	17°49	27°13	2° 2	0°R 7	1°14	8° 8	n.a.	S 19
M20	10 40 15	11°43'33	28°30	28° 6	3° 8	14°42	8° 7	6°32	17°48	27°13	2° 3	0° 6	1°11	8°15	n.a.	M20
T 21	10 44 11	12°41'24	12♋51	29°51	3°35	15°25	8°13	6°37	17°48	27°14	2° 4	0° 5	1° 8	8°21	n.a.	T 21
W22	10 48 8	13°39'12	27°30	1♈33	4° 4	16° 7	8°18	6°41	17°47	27°15	2° 5	0° 3	1° 5	8°28	n.a.	W22
T 23	10 52 4	14°36'58	12♌24	3°11	4°35	16°50	8°24	6°45	17°47	27°16	2° 6	0° 1	1° 2	8°35	n.a.	T 23
F 24	10 56 1	15°34'43	27°23	4°46	5° 6	17°32	8°30	6°49	17°46	27°17	2° 7	29♍59	0°59	8°41	n.a.	F 24
S 25	10 59 58	16°32'25	12♍21	6°17	5°39	18°15	8°36	6°53	17°45	27°18	2° 8	29°58	0°55	8°48	n.a.	S 25
S 26	11 3 54	17°30'07	27° 8	7°44	6°14	18°57	8°42	6°57	17°44	27°19	2° 9	29°D58	0°52	8°55	n.a.	S 26
M27	11 7 51	18°27'46	11♎37	9° 7	6°49	19°39	8°48	7° 1	17°44	27°20	2°10	29°58	0°49	9° 1	n.a.	M27
T 28	11 11 47	19°25'24	25°44	10°26	7°26	20°22	8°54	7° 5	17°43	27°21	2°11	29°59	0°46	9° 8	n.a.	T 28
W29	11 15 44	20°23'01	9♏26	11°42	8° 4	21° 4	9° 1	7° 9	17°42	27°22	2°12	29°59	0°43	9°15	n.a.	W29
T 30	11 19 40	21°20'37	22°42	12°53	8°43	21°46	9° 7	7°12	17°41	27°23	2°13	0♎ 0	0°39	9°21	n.a.	T 30
F 31	11 23 37	22♓18'12	5♐35	14♈ 1	9♒24	22♓28	9♊14	7♉16	17♏40	27♉24	2♉14	0♎ 1	0♎36	9♒28	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	14s 1	9s38	2n39	16s41	1s25	13s37	6n58	12s 2	0s45	22n24	0n30	24s21	0s31	17s22	0n 8	18n54	1s 2	5n48	6s59	0s14	0s53	14s59			n.a.
T 2	13 42	13 2	3 36	15 54	1 18	13 50	6 48	11 45	0 45	22 25	0 30	24 21	0 32	17 22	0 8	18 54	1 2	5 48	6 58	0 14	0 52	14 58			n.a.
F 3	13 22	15 41	4 21	15 5	1 10	14 2	6 37	11 29	0 44	22 25	0 30	24 21	0 32	17 22	0 8	18 54	1 2	5 49	6 58	0 14	0 51	14 57			n.a.
S 4	13 2	17 32	4 51	14 15	1 2	14 15	6 26	11 13	0 44	22 25	0 30	24 21	0 32	17 22	0 8	18 54	1 2	5 49	6 58	0 14	0 50	14 56			n.a.
S 5	12 41	18 32	5 8	13 23	0 53	14 27	6 15	10 56	0 43	22 26	0 30	24 21	0 32	17 22	0 8	18 54	1 2	5 50	6 58	0 13	0 48	14 54			n.a.
M 6	12 21	18 41	5 11	12 29	0 44	14 39	6 3	10 39	0 43	22 26	0 30	24 21	0 32	17 23	0 8	18 55	1 1	5 50	6 58	0 12	0 47	14 53			n.a.
T 7	12 0	18 0	5 1	11 34	0 34	14 50	5 52	10 23	0 42	22 27	0 30	24 21	0 32	17 23	0 8	18 55	1 1	5 50	6 57	0 10	0 46	14 52			n.a.
W 8	11 39	16 32	4 38	10 37	0 24	15 1	5 40	10 6	0 42	22 28	0 30	24 21	0 32	17 23	0 8	18 55	1 1	5 51	6 57	0 7	0 44	14 51			n.a.
T 9	11 18	14 22	4 2	9 40	0 14	15 11	5 29	9 49	0 41	22 28	0 30	24 21	0 32	17 23	0 8	18 55	1 1	5 51	6 57	0 5	0 43	14 50			n.a.
F 10	10 57	11 36	3 17	8 42	0 3	15 21	5 17	9 32	0 41	22 29	0 30	24 20	0 33	17 23	0 8	18 55	1 1	5 52	6 57	0 3	0 42	14 48			n.a.
S 11	10 36	8 20	2 22	7 43	0n 8	15 31	5 6	9 15	0 40	22 29	0 30	24 20	0 33	17 23	0 8	18 55	1 1	5 52	6 57	0 2	0 41	14 47			n.a.
S 12	10 15	4 43	1 21	6 44	0 19	15 40	4 54	8 58	0 40	22 30	0 30	24 20	0 33	17 23	0 8	18 55	1 1	5 53	6 57	0 1	0 39	14 46			n.a.
M13	9 53	0 52	0 15	5 45	0 30	15 48	4 43	8 41	0 39	22 31	0 30	24 20	0 33	17 23	0 8	18 56	1 1	5 53	6 56	0 1	0 38	14 45			n.a.
T 14	9 31	3n 4	0s52	4 47	0 41	15 56	4 31	8 24	0 39	22 32	0 30	24 20	0 33	17 23	0 8	18 56	1 1	5 54	6 56	0 1	0 37	14 44			n.a.
W15	9 9	6 55	1 58	3 48	0 52	16 3	4 20	8 7	0 38	22 32	0 30	24 20	0 33	17 22	0 8	18 56	1 1	5 54	6 56	0 1	0 35	14 42			n.a.
T 16	8 47	10 32	3 0	2 51	1 3	16 10	4 9	7 50	0 38	22 33	0 30	24 20	0 33	17 22	0 8	18 56	1 1	5 54	6 56	0 2	0 34	14 41			n.a.
F 17	8 25	13 42	3 53	1 54	1 13	16 17	3 57	7 33	0 37	22 34	0 30	24 20	0 33	17 22	0 8	18 56	1 1	5 55	6 56	0 2	0 33	14 40			n.a.
S 18	8 3	16 15	4 36	0 59	1 24	16 22	3 46	7 16	0 37	22 35	0 30	24 20	0 34	17 22	0 8	18 57	1 1	5 55	6 55	0 3	0 31	14 39			n.a.
S 19	7 41	17 58	5 4	0 5	1 34	16 28	3 35	6 59	0 36	22 36	0 30	24 20	0 34	17 22	0 8	18 57	1 1	5 56	6 55	0 3	0 30	14 38			n.a.
M20	7 18	18 39	5 16	0n48	1 43	16 32	3 25	6 41	0 35	22 36	0 30	24 19	0 34	17 22	0 8	18 57	1 1	5 56	6 55	0 3	0 29	14 36			n.a.
T 21	6 56	18 11	5 8	1 39	1 52	16 36	3 14	6 24	0 35	22 37	0 30	24 19	0 34	17 22	0 8	18 57	1 1	5 57	6 55	0 2	0 28	14 35			n.a.
W22	6 33	16 30	4 40	2 28	2 1	16 39	3 4	6 7	0 34	22 38	0 30	24 19	0 34	17 22	0 8	18 58	1 1	5 57	6 55	0 1	0 26	14 34			n.a.
T 23	6 11	13 42	3 54	3 15	2 9	16 42	2 53	5 49	0 34	22 39	0 30	24 19	0 34	17 21	0 8	18 58	1 1	5 58	6 55	0 0	0 25	14 33			n.a.
F 24	5 48	9 58	2 51	4 0	2 16	16 44	2 43	5 32	0 33	22 40	0 31	24 19	0 34	17 21	0 8	18 58	1 1	5 58	6 54	0n 0	0 24	14 32			n.a.
S 25	5 25	5 35	1 36	4 43	2 22	16 46	2 33	5 14	0 33	22 41	0 31	24 19	0 35	17 21	0 8	18 58	1 1	5 59	6 54	0 1	0 22	14 30			n.a.
S 26	5 2	0 55	0 16	5 23	2 28	16 47	2 23	4 57	0 32	22 42	0 31	24 19	0 35	17 21	0 8	18 59	1 1	5 59	6 54	0 1	0 21	14 29			n.a.
M27	4 39	3s42	1n 4	6 2	2 33	16 47	2 14	4 40	0 32	22 43	0 31	24 19	0 35	17 21	0 8	18 59	1 1	6 0	6 54	0 1	0 20	14 28			n.a.
T 28	4 16	8 0	2 18	6 37	2 38	16 47	2 4	4 22	0 31	22 44	0 31	24 19	0 35	17 20	0 8	18 59	1 0	6 0	6 54	0 1	0 19	14 27			n.a.
W29	3 53	11 45	3 22	7 11	2 41	16 46	1 55	4 5	0 31	22 45	0 31	24 19	0 35	17 20	0 7	18 59	1 0	6 1	6 54	0 0	0 17	14 25			n.a.
T 30	3 30	14 45	4 13	7 42	2 44	16 45	1 46	3 47	0 30	22 46	0 31	24 19	0 35	17 20	0 7	19 0	1 0	6 2	6 54	0s 0	0 16	14 24			n.a.
F 31	3s 7	16s56	4n49	8n10	2n46	16s42	1n37	3s30	0s29	22n47	0n31	24s19	0s35	17s20	0n 7	19n 0	1s 0	6n 2	6s53	0s 0	0s15	14s23			n.a.

Julian Day Number = 975276.5, Delta T = 13h20m24s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'07, Lahiri = -32°07'06 Julian Calendar 1 March 2043 BCE == Greg. Calendar 12 Feb. 2043 BCE

The year -2042 astronomical counting style corresponds to year 2043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

APRIL 2043 BCE (-2042) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 27 33	23♓15'45	18♐ 6	15♈ 4	10♒ 5	23♓10	9♊21	7♑19	17°R39	27♉25	2♉15	0°R 1	0♎33	9♒35	n.a.	S 1
S 2	11 31 30	24°13'17	0♑21	16° 3	10°47	23°52	9°28	7°23	17♏38	27°26	2°17	0♎ 1	0°30	9°42	n.a.	S 2
M 3	11 35 26	25°10'49	12°23	16°58	11°31	24°34	9°35	7°26	17°37	27°28	2°18	0° 1	0°27	9°48	n.a.	M 3
T 4	11 39 23	26° 8'19	24°18	17°48	12°15	25°16	9°43	7°29	17°36	27°29	2°19	0° 1	0°24	9°55	n.a.	T 4
W 5	11 43 20	27° 5'48	6♒ 8	18°34	13° 0	25°58	9°50	7°33	17°34	27°30	2°20	0° 0	0°20	10° 2	n.a.	W 5
T 6	11 47 16	28° 3'16	17°59	19°16	13°46	26°40	9°58	7°36	17°33	27°31	2°21	29♍59	0°17	10° 8	n.a.	T 6
F 7	11 51 13	29° 0'43	29°53	19°53	14°32	27°22	10° 5	7°38	17°32	27°33	2°23	29°59	0°14	10°15	n.a.	F 7
S 8	11 55 9	29°58'08	11♓53	20°26	15°20	28° 3	10°13	7°41	17°30	27°34	2°24	29°D59	0°11	10°22	n.a.	S 8
S 9	11 59 6	0♈55'33	24° 2	20°54	16° 8	28°45	10°21	7°44	17°29	27°35	2°25	29°R59	0° 8	10°28	n.a.	S 9
M10	12 3 2	1°52'56	6♈22	21°17	16°57	29°27	10°29	7°47	17°28	27°37	2°26	29°59	0° 5	10°35	n.a.	M10
T 11	12 6 59	2°50'19	18°54	21°36	17°47	0♈ 8	10°37	7°49	17°26	27°38	2°28	29°59	0° 1	10°42	n.a.	T 11
W12	12 10 55	3°47'40	1♉39	21°50	18°37	0°50	10°46	7°52	17°25	27°40	2°29	29°59	29♍58	10°48	n.a.	W12
T 13	12 14 52	4°45'00	14°38	21°59	19°28	1°31	10°54	7°54	17°23	27°41	2°30	29°59	29°55	10°55	n.a.	T 13
F 14	12 18 49	5°42'19	27°51	22°R 3	20°20	2°13	11° 3	7°57	17°22	27°43	2°32	29°58	29°52	11° 2	n.a.	F 14
S 15	12 22 45	6°39'36	11♊19	22° 3	21°12	2°54	11°11	7°59	17°20	27°44	2°33	29°57	29°49	11° 9	n.a.	S 15
S 16	12 26 42	7°36'53	25° 2	21°58	22° 5	3°36	11°20	8° 1	17°18	27°46	2°34	29°57	29°45	11°15	n.a.	S 16
M17	12 30 38	8°34'08	8♋59	21°49	22°58	4°17	11°29	8° 3	17°17	27°47	2°35	29°D57	29°42	11°22	n.a.	M17
T 18	12 34 35	9°31'22	23° 9	21°36	23°52	4°58	11°38	8° 5	17°15	27°49	2°37	29°57	29°39	11°29	n.a.	T 18
W19	12 38 31	10°28'35	7♌31	21°19	24°46	5°39	11°47	8° 7	17°13	27°51	2°38	29°58	29°36	11°35	n.a.	W19
T 20	12 42 28	11°25'46	22° 2	20°58	25°41	6°21	11°56	8° 8	17°11	27°52	2°40	29°59	29°33	11°42	n.a.	T 20
F 21	12 46 24	12°22'57	6♍36	20°34	26°37	7° 2	12° 6	8°10	17°10	27°54	2°41	29°59	29°30	11°49	n.a.	F 21
S 22	12 50 21	13°20'06	21°10	20° 8	27°33	7°43	12°15	8°11	17° 8	27°55	2°42	0♎ 0	29°26	11°55	n.a.	S 22
S 23	12 54 18	14°17'15	5♎37	19°38	28°29	8°24	12°25	8°13	17° 6	27°57	2°44	0°R 0	29°23	12° 2	n.a.	S 23
M24	12 58 14	15°14'23	19°52	19° 7	29°26	9° 5	12°34	8°14	17° 4	27°59	2°45	29♍59	29°20	12° 9	n.a.	M24
T 25	13 2 11	16°11'30	3♏50	18°34	0♓23	9°46	12°44	8°15	17° 2	28° 1	2°46	29°58	29°17	12°15	n.a.	T 25
W26	13 6 7	17° 8'36	17°27	18° 1	1°20	10°27	12°54	8°17	17° 0	28° 2	2°48	29°56	29°14	12°22	n.a.	W26
T 27	13 10 4	18° 5'43	0♐43	17°27	2°18	11° 8	13° 4	8°18	16°58	28° 4	2°49	29°53	29°11	12°29	n.a.	T 27
F 28	13 14 0	19° 2'49	13°38	16°54	3°17	11°48	13°13	8°19	16°56	28° 6	2°51	29°51	29° 7	12°36	n.a.	F 28
S 29	13 17 57	19°59'54	26°12	16°21	4°16	12°29	13°24	8°19	16°54	28° 8	2°52	29°49	29° 4	12°42	n.a.	S 29
S 30	13 21 53	20♈57'00	8♑29	15♈50	5♓15	13♈10	13♊34	8♑20	16♏52	28♉10	2♉53	29♍47	29♍ 1	12♒49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s44	18s14	5n10	8n36	2n47	16s40	1n28	3s12	0s29	22n49	0n31	24s19	0s36	17s19	0n 7	19n 0	1s 0	6n 3	6s53	0s 0	0s13	14s22		n.a.
S 2	2 20	18 38	5 17	9 0	2 47	16 36	1 20	2 55	0 28	22 50	0 31	24 19	0 36	17 19	0 7	19 1	1 0	6 3	6 53	0 0	0 12	14 20		n.a.
M 3	1 57	18 12	5 10	9 21	2 46	16 32	1 11	2 37	0 28	22 51	0 31	24 19	0 36	17 19	0 7	19 1	1 0	6 4	6 53	0 0	0 11	14 19		n.a.
T 4	1 34	16 57	4 49	9 39	2 44	16 28	1 3	2 20	0 27	22 52	0 31	24 18	0 36	17 18	0 7	19 1	1 0	6 4	6 53	0 0	0 10	14 18		n.a.
W 5	1 11	14 59	4 17	9 54	2 42	16 22	0 55	2 2	0 27	22 53	0 31	24 18	0 36	17 18	0 7	19 2	1 0	6 5	6 53	0 0	0 8	14 17		n.a.
T 6	0 47	12 23	3 33	10 7	2 38	16 17	0 47	1 45	0 26	22 54	0 31	24 18	0 36	17 18	0 7	19 2	1 0	6 5	6 53	0n 0	0 7	14 15		n.a.
F 7	0 24	9 16	2 40	10 17	2 33	16 10	0 40	1 28	0 25	22 56	0 31	24 18	0 36	17 17	0 7	19 2	1 0	6 6	6 52	0 0	0 6	14 14		n.a.
S 8	0 1	5 44	1 39	10 25	2 28	16 3	0 32	1 10	0 25	22 57	0 31	24 18	0 37	17 17	0 7	19 3	1 0	6 6	6 52	0 0	0 4	14 13		n.a.
S 9	0n23	1 55	0 33	10 29	2 21	15 56	0 25	0 53	0 24	22 58	0 31	24 18	0 37	17 16	0 7	19 3	1 0	6 7	6 52	0 0	0 3	14 12		n.a.
M10	0 46	2n 2	0s35	10 31	2 13	15 47	0 18	0 35	0 24	22 59	0 31	24 18	0 37	17 16	0 7	19 3	1 0	6 7	6 52	0 0	0 2	14 10		n.a.
T 11	1 9	5 58	1 43	10 30	2 5	15 39	0 11	0 18	0 23	23 0	0 31	24 18	0 37	17 16	0 7	19 4	1 0	6 8	6 52	0 0	0 1	14 9		n.a.
W12	1 32	9 41	2 47	10 26	1 55	15 29	0 4	0 0	0 23	23 2	0 31	24 18	0 37	17 15	0 7	19 4	1 0	6 9	6 52	0 0	0n 1	14 8		n.a.
T 13	1 55	13 0	3 43	10 20	1 44	15 19	0s 3	0n17	0 22	23 3	0 31	24 18	0 37	17 15	0 7	19 4	1 0	6 9	6 52	0 1	0 2	14 7		n.a.
F 14	2 19	15 43	4 29	10 11	1 33	15 9	0 9	0 34	0 21	23 4	0 31	24 18	0 37	17 14	0 7	19 5	1 0	6 10	6 52	0 1	0 3	14 5		n.a.
S 15	2 42	17 38	5 1	10 0	1 20	14 58	0 15	0 52	0 21	23 5	0 31	24 18	0 38	17 14	0 7	19 5	1 0	6 10	6 51	0 1	0 5	14 4		n.a.
S 16	3 5	18 34	5 16	9 45	1 7	14 46	0 21	1 9	0 20	23 7	0 31	24 18	0 38	17 13	0 7	19 6	1 0	6 11	6 51	0 1	0 6	14 3		n.a.
M17	3 28	18 24	5 13	9 29	0 53	14 34	0 27	1 26	0 20	23 8	0 31	24 18	0 38	17 13	0 7	19 6	1 0	6 11	6 51	0 1	0 7	14 1		n.a.
T 18	3 51	17 6	4 52	9 10	0 38	14 21	0 33	1 43	0 19	23 9	0 31	24 18	0 38	17 12	0 7	19 6	1 0	6 12	6 51	0 1	0 8	14 0		n.a.
W19	4 14	14 43	4 12	8 49	0 22	14 8	0 39	2 0	0 19	23 11	0 31	24 18	0 38	17 12	0 7	19 7	1 0	6 12	6 51	0 1	0 10	13 59		n.a.
T 20	4 37	11 23	3 15	8 27	0 6	13 54	0 44	2 18	0 18	23 12	0 31	24 18	0 38	17 11	0 7	19 7	1 0	6 13	6 51	0 1	0 11	13 58		n.a.
F 21	4 59	7 19	2 6	8 2	0s10	13 40	0 50	2 35	0 17	23 13	0 31	24 19	0 38	17 11	0 7	19 8	1 0	6 14	6 51	0 0	0 12	13 56		n.a.
S 22	5 22	2 50	0 49	7 36	0 27	13 25	0 55	2 52	0 17	23 14	0 31	24 19	0 39	17 10	0 7	19 8	0 59	6 14	6 51	0s 0	0 14	13 55		n.a.
S 23	5 45	1s48	0n31	7 10	0 44	13 10	1 0	3 9	0 16	23 16	0 31	24 19	0 39	17 10	0 7	19 8	0 59	6 15	6 51	0 0	0 15	13 54		n.a.
M24	6 7	6 16	1 48	6 42	1 1	12 55	1 4	3 26	0 16	23 17	0 32	24 19	0 39	17 9	0 7	19 9	0 59	6 15	6 50	0n 0	0 16	13 52		n.a.
T 25	6 30	10 17	2 56	6 14	1 17	12 38	1 9	3 43	0 15	23 18	0 32	24 19	0 39	17 9	0 7	19 9	0 59	6 16	6 50	0 1	0 17	13 51		n.a.
W26	6 52	13 40	3 53	5 46	1 34	12 22	1 14	4 0	0 15	23 20	0 32	24 19	0 39	17 8	0 7	19 10	0 59	6 16	6 50	0 2	0 19	13 50		n.a.
T 27	7 14	16 13	4 36	5 18	1 50	12 4	1 18	4 17	0 14	23 21	0 32	24 19	0 39	17 8	0 7	19 10	0 59	6 17	6 50	0 3	0 20	13 49		n.a.
F 28	7 36	17 53	5 3	4 51	2 5	11 47	1 22	4 33	0 13	23 22	0 32	24 19	0 40	17 7	0 7	19 11	0 59	6 18	6 50	0 4	0 21	13 47		n.a.
S 29	7 58	18 38	5 15	4 25	2 20	11 29	1 26	4 50	0 13	23 24	0 32	24 19	0 40	17 6	0 7	19 11	0 59	6 18	6 50	0 5	0 23	13 46		n.a.
S 30	8n20	18s28	5n12	4n 0	2s33	11s10	1s30	5n 7	0s12	23n25	0n32	24s19	0s40	17s 6	0n 7	19n12	0s59	6n19	6s50	0n 5	0n24	13s45		n.a.

Julian Day Number = 975307.5, Delta T = 13h20m22s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°14'03, Lahiri = -32°07'02 Julian Calendar 1 Apr. 2043 BCE == Greg. Calendar 15 March 2043 BCE

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

MAY 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 25 50	21♈54'05	20♉32	15°R21	6♓14	13♈51	13♊44	8♉21	16°R50	28♉12	2♉55	29°D47	28♍58	12♒56	n.a.	M 1
T 2	13 29 47	22°51'10	2♒27	14♈54	7°14	14°31	13°54	8°21	16♏48	28°13	2°56	29♍47	28°55	13° 2	n.a.	T 2
W 3	13 33 43	23°48'14	14°18	14°30	8°14	15°12	14° 5	8°22	16°45	28°15	2°58	29°48	28°51	13° 9	n.a.	W 3
T 4	13 37 40	24°45'19	26°10	14°10	9°15	15°52	14°15	8°22	16°43	28°17	2°59	29°50	28°48	13°16	n.a.	T 4
F 5	13 41 36	25°42'24	8♓ 7	13°53	10°16	16°33	14°26	8°22	16°41	28°19	3° 1	29°51	28°45	13°22	n.a.	F 5
S 6	13 45 33	26°39'28	20°13	13°40	11°17	17°13	14°36	8°23	16°39	28°21	3° 2	29°53	28°42	13°29	n.a.	S 6
S 7	13 49 29	27°36'32	2♈32	13°31	12°18	17°54	14°47	8°R23	16°37	28°23	3° 3	29°R53	28°39	13°36	n.a.	S 7
M 8	13 53 26	28°33'36	15° 6	13°D27	13°20	18°34	14°58	8°23	16°34	28°25	3° 5	29°52	28°36	13°42	n.a.	M 8
T 9	13 57 23	29°30'40	27°56	13°27	14°22	19°15	15° 9	8°22	16°32	28°27	3° 6	29°50	28°32	13°49	n.a.	T 9
W10	14 1 19	0♉27'44	11♉ 3	13°32	15°24	19°55	15°20	8°22	16°30	28°29	3° 8	29°46	28°29	13°56	n.a.	W10
T 11	14 5 16	1°24'48	24°26	13°42	16°26	20°35	15°31	8°22	16°28	28°31	3° 9	29°42	28°26	14° 2	n.a.	T 11
F 12	14 9 12	2°21'51	8♊ 3	13°56	17°29	21°15	15°42	8°21	16°25	28°33	3°11	29°37	28°23	14° 9	n.a.	F 12
S 13	14 13 9	3°18'55	21°52	14°16	18°32	21°56	15°53	8°21	16°23	28°35	3°12	29°32	28°20	14°16	n.a.	S 13
S 14	14 17 5	4°15'58	5♋50	14°40	19°35	22°36	16° 5	8°20	16°21	28°37	3°13	29°28	28°16	14°22	n.a.	S 14
M15	14 21 2	5°13'01	19°55	15° 8	20°38	23°16	16°16	8°19	16°18	28°39	3°15	29°26	28°13	14°29	n.a.	M15
T 16	14 24 58	6°10'03	4♌ 5	15°42	21°42	23°56	16°27	8°19	16°16	28°41	3°16	29°D25	28°10	14°36	n.a.	T 16
W17	14 28 55	7° 7'05	18°17	16°20	22°46	24°36	16°39	8°18	16°13	28°43	3°18	29°25	28° 7	14°43	n.a.	W17
T 18	14 32 52	8° 4'08	2♍29	17° 3	23°50	25°16	16°50	8°17	16°11	28°45	3°19	29°26	28° 4	14°49	n.a.	T 18
F 19	14 36 48	9° 1'09	16°40	17°50	24°54	25°56	17° 2	8°15	16° 9	28°48	3°21	29°28	28° 1	14°56	n.a.	F 19
S 20	14 40 45	9°58'11	0♎48	18°42	25°59	26°36	17°13	8°14	16° 6	28°50	3°22	29°R28	27°57	15° 3	n.a.	S 20
S 21	14 44 41	10°55'13	14°49	19°38	27° 3	27°15	17°25	8°13	16° 4	28°52	3°24	29°27	27°54	15° 9	n.a.	S 21
M22	14 48 38	11°52'15	28°40	20°38	28° 8	27°55	17°37	8°11	16° 2	28°54	3°25	29°24	27°51	15°16	n.a.	M22
T 23	14 52 34	12°49'17	12♏19	21°43	29°13	28°35	17°49	8°10	15°59	28°56	3°26	29°20	27°48	15°23	n.a.	T 23
W24	14 56 31	13°46'20	25°43	22°53	0♈19	29°15	18° 1	8° 8	15°57	28°58	3°28	29°13	27°45	15°29	n.a.	W24
T 25	15 0 28	14°43'23	8♐50	24° 6	1°24	29°55	18°13	8° 6	15°54	29° 0	3°29	29° 6	27°42	15°36	n.a.	T 25
F 26	15 4 24	15°40'26	21°39	25°24	2°30	0♉34	18°25	8° 5	15°52	29° 3	3°31	28°58	27°38	15°43	n.a.	F 26
S 27	15 8 21	16°37'30	4♑10	26°45	3°35	1°14	18°37	8° 3	15°49	29° 5	3°32	28°51	27°35	15°49	n.a.	S 27
S 28	15 12 17	17°34'35	16°26	28°11	4°41	1°53	18°49	8° 1	15°47	29° 7	3°34	28°45	27°32	15°56	n.a.	S 28
M29	15 16 14	18°31'41	28°29	29°41	5°47	2°33	19° 1	7°59	15°45	29° 9	3°35	28°41	27°29	16° 3	n.a.	M29
T 30	15 20 10	19°28'47	10♒23	1♉14	6°54	3°12	19°13	7°57	15°42	29°11	3°36	28°38	27°26	16° 9	n.a.	T 30
W31	15 24 7	20♉25'54	22♒14	2♉52	8♈ 0	3♉52	19♊25	7♑54	15♏40	29♉14	3♉38	28°D38	27♍22	16♒16	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	8n42	17s28	4n55	3n37	2s46	10s51	1s34	5n23	0s12	23n26	0n32	24s19	0s40	17s 5	0n 7	19n12	0s59	6n19	6s50	0n 5	0n25	13s43			n.a.
T 2	9 4	15 42	4 26	3 16	2 58	10 32	1 37	5 40	0 11	23 28	0 32	24 20	0 40	17 5	0 7	19 12	0 59	6 20	6 50	0 5	0 27	13 42			n.a.
W 3	9 25	13 17	3 45	2 56	3 9	10 12	1 41	5 57	0 10	23 29	0 32	24 20	0 40	17 4	0 7	19 13	0 59	6 20	6 50	0 5	0 28	13 41			n.a.
T 4	9 47	10 19	2 55	2 40	3 18	9 52	1 44	6 13	0 10	23 30	0 32	24 20	0 41	17 3	0 7	19 13	0 59	6 21	6 50	0 4	0 29	13 39			n.a.
F 5	10 8	6 54	1 57	2 26	3 26	9 31	1 47	6 29	0 9	23 32	0 32	24 20	0 41	17 3	0 7	19 14	0 59	6 21	6 50	0 3	0 30	13 38			n.a.
S 6	10 29	3 9	0 53	2 14	3 33	9 11	1 50	6 46	0 9	23 33	0 32	24 20	0 41	17 2	0 7	19 14	0 59	6 22	6 50	0 3	0 32	13 37			n.a.
S 7	10 50	0n48	0s15	2 6	3 39	8 49	1 53	7 2	0 8	23 34	0 32	24 20	0 41	17 2	0 7	19 15	0 59	6 23	6 49	0 3	0 33	13 35			n.a.
M 8	11 11	4 48	1 23	2 0	3 43	8 28	1 56	7 18	0 7	23 35	0 32	24 20	0 41	17 1	0 7	19 15	0 59	6 23	6 49	0 3	0 34	13 34			n.a.
T 9	11 31	8 39	2 28	1 57	3 46	8 6	1 59	7 35	0 7	23 37	0 32	24 21	0 41	17 0	0 7	19 16	0 59	6 24	6 49	0 4	0 36	13 33			n.a.
W10	11 52	12 11	3 26	1 57	3 49	7 43	2 1	7 51	0 6	23 38	0 32	24 21	0 41	17 0	0 7	19 16	0 59	6 24	6 49	0 6	0 37	13 31			n.a.
T 11	12 12	15 9	4 15	2 0	3 49	7 21	2 3	8 7	0 6	23 39	0 32	24 21	0 42	16 59	0 7	19 17	0 59	6 25	6 49	0 7	0 38	13 30			n.a.
F 12	12 32	17 19	4 50	2 6	3 49	6 58	2 6	8 23	0 5	23 41	0 32	24 21	0 42	16 58	0 7	19 17	0 59	6 25	6 49	0 9	0 39	13 29			n.a.
S 13	12 52	18 32	5 9	2 15	3 48	6 35	2 8	8 38	0 4	23 42	0 32	24 21	0 42	16 58	0 7	19 18	0 59	6 26	6 49	0 11	0 41	13 28			n.a.
S 14	13 12	18 38	5 10	2 26	3 46	6 11	2 10	8 54	0 4	23 43	0 32	24 21	0 42	16 57	0 7	19 18	0 59	6 26	6 49	0 13	0 42	13 26			n.a.
M15	13 31	17 36	4 52	2 40	3 42	5 47	2 11	9 10	0 3	23 44	0 32	24 22	0 42	16 56	0 7	19 19	0 59	6 27	6 49	0 14	0 43	13 25			n.a.
T 16	13 51	15 28	4 17	2 57	3 38	5 23	2 13	9 26	0 3	23 46	0 32	24 22	0 42	16 55	0 7	19 19	0 59	6 27	6 49	0 14	0 45	13 23			n.a.
W17	14 10	12 24	3 25	3 17	3 33	4 59	2 15	9 41	0 2	23 47	0 32	24 22	0 43	16 55	0 7	19 20	0 59	6 28	6 49	0 14	0 46	13 22			n.a.
T 18	14 29	8 36	2 22	3 39	3 27	4 34	2 16	9 57	0 1	23 48	0 33	24 22	0 43	16 54	0 7	19 20	0 59	6 28	6 49	0 14	0 47	13 21			n.a.
F 19	14 48	4 18	1 9	4 4	3 20	4 9	2 17	10 12	0 1	23 49	0 33	24 23	0 43	16 53	0 7	19 21	0 59	6 29	6 49	0 13	0 48	13 19			n.a.
S 20	15 6	0s13	0n 7	4 31	3 12	3 44	2 18	10 27	0 0	23 50	0 33	24 23	0 43	16 53	0 7	19 21	0 59	6 29	6 49	0 13	0 50	13 18			n.a.
S 21	15 24	4 41	1 22	5 0	3 4	3 19	2 20	10 43	0n 0	23 52	0 33	24 23	0 43	16 52	0 7	19 22	0 59	6 30	6 49	0 13	0 51	13 17			n.a.
M22	15 42	8 52	2 32	5 31	2 55	2 54	2 20	10 58	0 1	23 53	0 33	24 23	0 43	16 51	0 7	19 22	0 59	6 30	6 49	0 14	0 52	13 15			n.a.
T 23	16 0	12 30	3 31	6 4	2 46	2 28	2 21	11 13	0 2	23 54	0 33	24 24	0 44	16 51	0 7	19 23	0 59	6 31	6 49	0 16	0 54	13 14			n.a.
W24	16 18	15 25	4 17	6 40	2 36	2 2	2 22	11 28	0 2	23 55	0 33	24 24	0 44	16 50	0 7	19 23	0 59	6 31	6 49	0 19	0 55	13 13			n.a.
T 25	16 35	17 28	4 49	7 17	2 26	1 36	2 22	11 43	0 3	23 56	0 33	24 24	0 44	16 49	0 7	19 24	0 59	6 32	6 49	0 22	0 56	13 11			n.a.
F 26	16 52	18 35	5 5	7 56	2 15	1 10	2 23	11 57	0 3	23 57	0 33	24 24	0 44	16 49	0 7	19 24	0 59	6 32	6 49	0 25	0 57	13 10			n.a.
S 27	17 9	18 45	5 7	8 36	2 4	0 44	2 23	12 12	0 4	23 58	0 33	24 25	0 44	16 48	0 7	19 25	0 59	6 33	6 49	0 28	0 59	13 9			n.a.
S 28	17 25	18 2	4 54	9 18	1 52	0 17	2 24	12 27	0 5	24 0	0 33	24 25	0 44	16 47	0 7	19 25	0 59	6 33	6 49	0 31	1 0	13 7			n.a.
M29	17 41	16 31	4 28	10 2	1 40	0n 9	2 24	12 41	0 5	24 1	0 33	24 25	0 44	16 46	0 7	19 26	0 59	6 34	6 49	0 32	1 1	13 6			n.a.
T 30	17 57	14 18	3 50	10 46	1 28	0 36	2 24	12 55	0 6	24 2	0 33	24 25	0 45	16 46	0 7	19 26	0 58	6 34	6 49	0 33	1 3	13 5			n.a.
W31	18n13	11s30	3n 3	11n32	1s16	1n 3	2s24	13n10	0n 6	24n 3	0n33	24s26	0s45	16s45	0n 7	19n27	0s58	6n35	6s49	0n33	1n 4	13s 3			n.a.

Julian Day Number = 975337.5, Delta T = 13h20m20s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'58, Lahiri = -32°06'58 Julian Calendar 1 May 2043 BCE == Greg. Calendar 14 Apr. 2043 BCE

The year -2042 astronomical counting style corresponds to year 2043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

JUNE 2043 BCE (-2042) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 28 3	21♉23'02	4♓ 6	4♉32	9♈ 7	4♉31	19♊38	7°R52	15°R37	29♉16	3♉39	28♍39	27♍19	16♒23	n.a.	T 1
F 2	15 32 0	22°20'11	16° 4	6°17	10°14	5°11	19°50	7♑50	15♏35	29°18	3°41	28°40	27°16	16°29	n.a.	F 2
S 3	15 35 57	23°17'20	28°13	8° 4	11°21	5°50	20° 2	7°47	15°33	29°20	3°42	28°R40	27°13	16°36	n.a.	S 3
S 4	15 39 53	24°14'31	10♈39	9°55	12°28	6°29	20°15	7°44	15°30	29°22	3°43	28°39	27°10	16°43	n.a.	S 4
M 5	15 43 50	25°11'42	23°23	11°49	13°35	7° 9	20°27	7°42	15°28	29°25	3°45	28°37	27° 7	16°49	n.a.	M 5
T 6	15 47 46	26° 8'55	6♉28	13°45	14°42	7°48	20°40	7°39	15°25	29°27	3°46	28°32	27° 3	16°56	n.a.	T 6
W 7	15 51 43	27° 6'08	19°56	15°43	15°50	8°27	20°52	7°36	15°23	29°29	3°47	28°25	27° 0	17° 3	n.a.	W 7
T 8	15 55 39	28° 3'22	3♊43	17°44	16°57	9° 6	21° 5	7°33	15°21	29°31	3°49	28°16	26°57	17° 9	n.a.	T 8
F 9	15 59 36	29° 0'37	17°47	19°46	18° 5	9°46	21°17	7°30	15°18	29°34	3°50	28° 6	26°54	17°16	n.a.	F 9
S 10	16 3 33	29°57'53	2♋ 2	21°50	19°13	10°25	21°30	7°27	15°16	29°36	3°51	27°57	26°51	17°23	n.a.	S 10
S 11	16 7 29	0♊55'10	16°24	23°55	20°21	11° 4	21°43	7°24	15°14	29°38	3°53	27°49	26°47	17°30	n.a.	S 11
M12	16 11 26	1°52'27	0♌46	26° 1	21°29	11°43	21°55	7°21	15°11	29°40	3°54	27°43	26°44	17°36	n.a.	M12
T 13	16 15 22	2°49'45	15° 5	28° 7	22°37	12°22	22° 8	7°17	15° 9	29°42	3°55	27°40	26°41	17°43	n.a.	T 13
W14	16 19 19	3°47'04	29°18	0♊13	23°46	13° 1	22°21	7°14	15° 7	29°45	3°57	27°D39	26°38	17°50	n.a.	W14
T 15	16 23 15	4°44'24	13♍22	2°19	24°54	13°40	22°34	7°11	15° 5	29°47	3°58	27°39	26°35	17°56	n.a.	T 15
F 16	16 27 12	5°41'44	27°18	4°25	26° 3	14°19	22°46	7° 7	15° 2	29°49	3°59	27°R39	26°32	18° 3	n.a.	F 16
S 17	16 31 8	6°39'05	11♎ 5	6°30	27°12	14°58	22°59	7° 3	15° 0	29°51	4° 0	27°39	26°28	18°10	n.a.	S 17
S 18	16 35 5	7°36'27	24°42	8°34	28°20	15°36	23°12	7° 0	14°58	29°54	4° 2	27°36	26°25	18°16	n.a.	S 18
M19	16 39 2	8°33'50	8♏ 9	10°38	29°29	16°15	23°25	6°56	14°56	29°56	4° 3	27°31	26°22	18°23	n.a.	M19
T 20	16 42 58	9°31'14	21°25	12°40	0♉38	16°54	23°38	6°52	14°54	29°58	4° 4	27°23	26°19	18°30	n.a.	T 20
W21	16 46 55	10°28'39	4♐29	14°42	1°48	17°33	23°51	6°49	14°52	0♊ 0	4° 5	27°12	26°16	18°36	n.a.	W21
T 22	16 50 51	11°26'05	17°20	16°42	2°57	18°11	24° 4	6°45	14°50	0° 2	4° 6	27° 0	26°13	18°43	n.a.	T 22
F 23	16 54 48	12°23'33	29°57	18°40	4° 6	18°50	24°17	6°41	14°48	0° 5	4° 8	26°48	26° 9	18°50	n.a.	F 23
S 24	16 58 44	13°21'02	12♑20	20°38	5°16	19°29	24°30	6°37	14°46	0° 7	4° 9	26°36	26° 6	18°56	n.a.	S 24
S 25	17 2 41	14°18'33	24°31	22°34	6°25	20° 7	24°43	6°33	14°44	0° 9	4°10	26°26	26° 3	19° 3	n.a.	S 25
M26	17 6 38	15°16'05	6♒31	24°28	7°35	20°46	24°56	6°29	14°42	0°11	4°11	26°18	26° 0	19°10	n.a.	M26
T 27	17 10 34	16°13'39	18°23	26°21	8°45	21°24	25° 9	6°24	14°40	0°13	4°12	26°13	25°57	19°16	n.a.	T 27
W28	17 14 31	17°11'14	0♓12	28°13	9°55	22° 3	25°22	6°20	14°38	0°15	4°13	26°10	25°53	19°23	n.a.	W28
T 29	17 18 27	18° 8'51	12° 2	0♋ 3	11° 5	22°41	25°35	6°16	14°36	0°18	4°14	26° 9	25°50	19°30	n.a.	T 29
F 30	17 22 24	19♊ 6'30	23♓59	1♋52	12♉15	23♉20	25♊48	6♑12	14♏34	0♊20	4♉16	26♍ 9	25♍47	19♒36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n28	8s13	2n 8	12n18	1s 4	1n30	2s23	13n24	0n 7	24n 4	0n33	24s26	0s45	16s44	0n 7	19n27	0s58	6n35	6s49	0n33	1n 5	13s 2		n.a.
F 2	18 44	4 34	1 7	13 5	0 51	1 57	2 23	13 38	0 8	24 5	0 33	24 26	0 45	16 44	0 7	19 28	0 58	6 36	6 49	0 33	1 6	13 0		n.a.
S 3	18 58	0 41	0 2	13 52	0 39	2 24	2 23	13 52	0 8	24 6	0 33	24 27	0 45	16 43	0 7	19 28	0 58	6 36	6 49	0 32	1 8	12 59		n.a.
S 4	19 13	3n19	1s 4	14 40	0 27	2 51	2 22	14 6	0 9	24 7	0 33	24 27	0 45	16 42	0 7	19 29	0 58	6 37	6 49	0 33	1 9	12 58		n.a.
M 5	19 27	7 17	2 9	15 27	0 15	3 18	2 22	14 19	0 9	24 8	0 34	24 27	0 46	16 41	0 7	19 29	0 58	6 37	6 49	0 34	1 10	12 56		n.a.
T 6	19 41	11 0	3 8	16 14	0 3	3 45	2 21	14 33	0 10	24 9	0 34	24 28	0 46	16 41	0 7	19 30	0 58	6 38	6 49	0 36	1 12	12 55		n.a.
W 7	19 54	14 15	3 59	17 1	0n 8	4 12	2 20	14 46	0 11	24 10	0 34	24 28	0 46	16 40	0 7	19 30	0 58	6 38	6 49	0 39	1 13	12 54		n.a.
T 8	20 8	16 47	4 37	17 46	0 19	4 39	2 19	15 0	0 11	24 11	0 34	24 28	0 46	16 39	0 7	19 31	0 58	6 39	6 49	0 42	1 14	12 52		n.a.
F 9	20 21	18 23	4 59	18 31	0 30	5 6	2 18	15 13	0 12	24 12	0 34	24 29	0 46	16 39	0 7	19 31	0 58	6 39	6 49	0 46	1 15	12 51		n.a.
S 10	20 33	18 51	5 3	19 14	0 40	5 34	2 17	15 26	0 12	24 13	0 34	24 29	0 46	16 38	0 7	19 31	0 58	6 39	6 49	0 50	1 17	12 49		n.a.
S 11	20 45	18 8	4 48	19 56	0 49	6 1	2 16	15 39	0 13	24 14	0 34	24 29	0 46	16 37	0 7	19 32	0 58	6 40	6 49	0 53	1 18	12 48		n.a.
M12	20 57	16 14	4 15	20 35	0 58	6 28	2 15	15 52	0 14	24 14	0 34	24 30	0 47	16 37	0 7	19 32	0 58	6 40	6 49	0 55	1 19	12 47		n.a.
T 13	21 9	13 21	3 26	21 13	1 6	6 55	2 14	16 5	0 14	24 15	0 34	24 30	0 47	16 36	0 7	19 33	0 58	6 41	6 49	0 57	1 21	12 45		n.a.
W14	21 20	9 41	2 25	21 48	1 14	7 22	2 12	16 18	0 15	24 16	0 34	24 30	0 47	16 35	0 7	19 33	0 58	6 41	6 49	0 57	1 22	12 44		n.a.
T 15	21 31	5 30	1 15	22 22	1 21	7 49	2 11	16 30	0 15	24 17	0 34	24 31	0 47	16 35	0 7	19 34	0 58	6 41	6 49	0 57	1 23	12 42		n.a.
F 16	21 41	1 4	0 2	22 52	1 27	8 15	2 9	16 43	0 16	24 18	0 34	24 31	0 47	16 34	0 7	19 34	0 58	6 42	6 49	0 57	1 24	12 41		n.a.
S 17	21 52	3s23	1n11	23 21	1 32	8 42	2 8	16 55	0 17	24 18	0 34	24 31	0 47	16 33	0 7	19 35	0 58	6 42	6 49	0 57	1 26	12 40		n.a.
S 18	22 1	7 37	2 19	23 46	1 37	9 9	2 6	17 7	0 17	24 19	0 34	24 32	0 47	16 33	0 7	19 35	0 58	6 43	6 49	0 58	1 27	12 38		n.a.
M19	22 11	11 24	3 17	24 9	1 41	9 35	2 4	17 19	0 18	24 20	0 35	24 32	0 48	16 32	0 7	19 36	0 58	6 43	6 49	1 1	1 28	12 37		n.a.
T 20	22 20	14 33	4 5	24 30	1 44	10 1	2 2	17 31	0 18	24 21	0 35	24 32	0 48	16 32	0 7	19 36	0 58	6 43	6 49	1 4	1 30	12 35		n.a.
W21	22 28	16 55	4 38	24 47	1 46	10 28	2 0	17 43	0 19	24 21	0 35	24 33	0 48	16 31	0 7	19 37	0 58	6 44	6 49	1 8	1 31	12 34		n.a.
T 22	22 37	18 23	4 57	25 3	1 48	10 54	1 58	17 55	0 20	24 22	0 35	24 33	0 48	16 30	0 7	19 37	0 58	6 44	6 49	1 13	1 32	12 33		n.a.
F 23	22 44	18 55	5 1	25 15	1 50	11 19	1 56	18 6	0 20	24 23	0 35	24 33	0 48	16 30	0 7	19 38	0 58	6 44	6 49	1 18	1 33	12 31		n.a.
S 24	22 52	18 31	4 50	25 25	1 50	11 45	1 54	18 17	0 21	24 23	0 35	24 34	0 48	16 29	0 7	19 38	0 58	6 45	6 49	1 23	1 35	12 30		n.a.
S 25	22 59	17 17	4 26	25 33	1 50	12 10	1 52	18 29	0 22	24 24	0 35	24 34	0 48	16 29	0 7	19 39	0 58	6 45	6 49	1 27	1 36	12 28		n.a.
M26	23 6	15 18	3 51	25 38	1 50	12 36	1 50	18 40	0 22	24 25	0 35	24 34	0 48	16 28	0 7	19 39	0 58	6 45	6 49	1 30	1 37	12 27		n.a.
T 27	23 12	12 41	3 6	25 41	1 49	13 1	1 47	18 51	0 23	24 25	0 35	24 35	0 49	16 27	0 7	19 40	0 58	6 46	6 49	1 32	1 39	12 25		n.a.
W28	23 18	9 33	2 13	25 42	1 47	13 25	1 45	19 2	0 23	24 26	0 35	24 35	0 49	16 27	0 7	19 40	0 58	6 46	6 49	1 33	1 40	12 24		n.a.
T 29	23 23	6 3	1 14	25 41	1 45	13 50	1 43	19 12	0 24	24 26	0 35	24 35	0 49	16 26	0 7	19 41	0 58	6 46	6 49	1 34	1 41	12 23		n.a.
F 30	23n28	2s16	0n11	25n37	1n42	14n14	1s40	19n23	0n25	24n27	0n35	24s36	0s49	16s26	0n 7	19n41	0s58	6n47	6s50	1n34	1n42	12s21		n.a.

Julian Day Number = 975368.5, Delta T = 13h20m17s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'54, Lahiri = -32°06'54 Julian Calendar 1 June 2043 BCE == Greg. Calendar 15 May 2043 BCE

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

JULY 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 26 20	20♊ 4'11	6♈ 8	3♋39	13♉25	23♉58	26♊ 1	6°R 8	14°R32	0♊22	4♉17	26°R 9	25♍44	19♒43	n.a.	S 1
S 2	17 30 17	21° 1'53	18°35	5°25	14°36	24°36	26°14	6♂ 3	14♏30	0°24	4°18	26♍ 7	25°41	19°50	n.a.	S 2
M 3	17 34 13	21°59'37	1♉23	7° 9	15°46	25°15	26°28	5°59	14°29	0°26	4°19	26° 4	25°38	19°56	n.a.	M 3
T 4	17 38 10	22°57'23	14°36	8°52	16°57	25°53	26°41	5°54	14°27	0°28	4°20	25°58	25°34	20° 3	n.a.	T 4
W 5	17 42 7	23°55'11	28°16	10°33	18° 7	26°31	26°54	5°50	14°25	0°30	4°21	25°49	25°31	20°10	n.a.	W 5
T 6	17 46 3	24°53'01	12♊21	12°14	19°18	27°10	27° 7	5°45	14°23	0°32	4°22	25°38	25°28	20°16	n.a.	T 6
F 7	17 50 0	25°50'52	26°47	13°52	20°29	27°48	27°20	5°41	14°22	0°34	4°23	25°27	25°25	20°23	n.a.	F 7
S 8	17 53 56	26°48'45	11♋27	15°30	21°40	28°26	27°33	5°36	14°20	0°36	4°24	25°16	25°22	20°30	n.a.	S 8
S 9	17 57 53	27°46'40	26°14	17° 5	22°51	29° 4	27°47	5°32	14°19	0°38	4°25	25° 6	25°19	20°36	n.a.	S 9
M10	18 1 49	28°44'37	11♌ 0	18°40	24° 2	29°42	28° 0	5°27	14°17	0°40	4°26	24°59	25°15	20°43	n.a.	M10
T 11	18 5 46	29°42'34	25°37	20°13	25°13	0♊20	28°13	5°23	14°16	0°42	4°26	24°54	25°12	20°50	n.a.	T 11
W12	18 9 42	0♋40'34	10♍ 1	21°45	26°24	0°58	28°26	5°18	14°14	0°44	4°27	24°52	25° 9	20°56	n.a.	W12
T 13	18 13 39	1°38'34	24° 9	23°15	27°36	1°36	28°39	5°14	14°13	0°46	4°28	24°52	25° 6	21° 3	n.a.	T 13
F 14	18 17 36	2°36'37	8♎ 0	24°44	28°47	2°14	28°52	5° 9	14°12	0°48	4°29	24°51	25° 3	21°10	n.a.	F 14
S 15	18 21 32	3°34'40	21°36	26°12	29°58	2°52	29° 5	5° 4	14°10	0°50	4°30	24°51	24°59	21°16	n.a.	S 15
S 16	18 25 29	4°32'46	4♏57	27°38	1♊10	3°30	29°19	5° 0	14° 9	0°52	4°31	24°48	24°56	21°23	n.a.	S 16
M17	18 29 25	5°30'53	18° 5	29° 3	2°22	4° 8	29°32	4°55	14° 8	0°54	4°32	24°42	24°53	21°30	n.a.	M17
T 18	18 33 22	6°29'01	1♐ 1	0♌26	3°33	4°46	29°45	4°51	14° 7	0°56	4°32	24°34	24°50	21°36	n.a.	T 18
W19	18 37 18	7°27'12	13°45	1°48	4°45	5°24	29°58	4°46	14° 6	0°58	4°33	24°23	24°47	21°43	n.a.	W19
T 20	18 41 15	8°25'24	26°18	3° 8	5°57	6° 2	0♋11	4°41	14° 4	1° 0	4°34	24°11	24°44	21°50	n.a.	T 20
F 21	18 45 11	9°23'39	8♑40	4°27	7° 9	6°39	0°24	4°37	14° 3	1° 2	4°35	23°58	24°40	21°56	n.a.	F 21
S 22	18 49 8	10°21'55	20°53	5°44	8°21	7°17	0°37	4°32	14° 2	1° 3	4°35	23°45	24°37	22° 3	n.a.	S 22
S 23	18 53 5	11°20'13	2♒55	6°59	9°33	7°55	0°50	4°28	14° 1	1° 5	4°36	23°34	24°34	22°10	n.a.	S 23
M24	18 57 1	12°18'33	14°50	8°13	10°46	8°32	1° 3	4°23	14° 1	1° 7	4°37	23°26	24°31	22°16	n.a.	M24
T 25	19 0 58	13°16'56	26°40	9°24	11°58	9°10	1°16	4°19	14° 0	1° 9	4°37	23°20	24°28	22°23	n.a.	T 25
W26	19 4 54	14°15'20	8♓27	10°34	13°10	9°48	1°29	4°14	13°59	1°11	4°38	23°17	24°25	22°30	n.a.	W26
T 27	19 8 51	15°13'47	20°16	11°42	14°23	10°25	1°42	4°10	13°58	1°12	4°38	23°D16	24°21	22°36	n.a.	T 27
F 28	19 12 47	16°12'16	2♈11	12°48	15°35	11° 3	1°55	4° 5	13°57	1°14	4°39	23°16	24°18	22°43	n.a.	F 28
S 29	19 16 44	17°10'48	14°18	13°51	16°48	11°40	2° 8	4° 1	13°57	1°16	4°40	23°R16	24°15	22°50	n.a.	S 29
S 30	19 20 40	18° 9'22	26°42	14°52	18° 1	12°18	2°21	3°56	13°56	1°17	4°40	23°16	24°12	22°56	n.a.	S 30
M31	19 24 37	19♋ 7'58	9♉28	15♌51	19♊13	12♊55	2♋34	3♑52	13♏55	1♊19	4♉41	23♍14	24♍ 9	23♒ 3	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n33	1n41	0s53	25n32	1n39	14n38	1s38	19n33	0n25	24n27	0n35	24s36	0s49	16s25	0n 7	19n42	0s58	6n47	6s50	1n34	1n44	12s20		n.a.
S 2	23 37	5 39	1 56	25 25	1 36	15 2	1 35	19 43	0 26	24 28	0 36	24 36	0 49	16 25	0 7	19 42	0 58	6 47	6 50	1 34	1 45	12 18		n.a.
M 3	23 41	9 28	2 55	25 15	1 32	15 25	1 33	19 53	0 26	24 28	0 36	24 37	0 49	16 24	0 7	19 42	0 58	6 48	6 50	1 36	1 46	12 17		n.a.
T 4	23 44	12 56	3 47	25 5	1 28	15 48	1 30	20 3	0 27	24 29	0 36	24 37	0 49	16 24	0 7	19 43	0 58	6 48	6 50	1 38	1 48	12 15		n.a.
W 5	23 47	15 50	4 27	24 52	1 23	16 11	1 27	20 13	0 28	24 29	0 36	24 37	0 50	16 23	0 7	19 43	0 58	6 48	6 50	1 42	1 49	12 14		n.a.
T 6	23 49	17 54	4 53	24 38	1 18	16 33	1 25	20 23	0 28	24 30	0 36	24 37	0 50	16 23	0 7	19 44	0 58	6 48	6 50	1 46	1 50	12 13		n.a.
F 7	23 51	18 53	5 1	24 23	1 12	16 55	1 22	20 32	0 29	24 30	0 36	24 38	0 50	16 22	0 7	19 44	0 58	6 49	6 50	1 51	1 51	12 11		n.a.
S 8	23 53	18 37	4 49	24 7	1 7	17 17	1 19	20 42	0 29	24 30	0 36	24 38	0 50	16 22	0 7	19 45	0 58	6 49	6 50	1 55	1 53	12 10		n.a.
S 9	23 54	17 7	4 18	23 49	1 1	17 38	1 16	20 51	0 30	24 31	0 36	24 38	0 50	16 21	0 7	19 45	0 58	6 49	6 50	1 59	1 54	12 8		n.a.
M10	23 55	14 28	3 30	23 29	0 54	17 58	1 14	21 0	0 31	24 31	0 36	24 39	0 50	16 21	0 7	19 45	0 58	6 49	6 50	2 2	1 55	12 7		n.a.
T 11	23 55	10 55	2 28	23 9	0 48	18 19	1 11	21 9	0 31	24 31	0 36	24 39	0 50	16 20	0 7	19 46	0 58	6 50	6 50	2 4	1 57	12 5		n.a.
W12	23 55	6 46	1 18	22 48	0 41	18 39	1 8	21 17	0 32	24 31	0 36	24 39	0 50	16 20	0 7	19 46	0 58	6 50	6 50	2 5	1 58	12 4		n.a.
T 13	23 55	2 19	0 4	22 26	0 34	18 58	1 5	21 26	0 33	24 32	0 37	24 40	0 50	16 20	0 7	19 47	0 58	6 50	6 50	2 5	1 59	12 2		n.a.
F 14	23 54	2s11	1n 9	22 3	0 26	19 17	1 2	21 34	0 33	24 32	0 37	24 40	0 51	16 19	0 6	19 47	0 58	6 50	6 51	2 5	2 0	12 1		n.a.
S 15	23 53	6 29	2 17	21 39	0 19	19 36	0 59	21 43	0 34	24 32	0 37	24 40	0 51	16 19	0 6	19 48	0 58	6 51	6 51	2 5	2 2	11 59		n.a.
S 16	23 51	10 22	3 15	21 14	0 11	19 54	0 56	21 51	0 34	24 32	0 37	24 40	0 51	16 18	0 6	19 48	0 58	6 51	6 51	2 7	2 3	11 58		n.a.
M17	23 48	13 41	4 2	20 49	0 3	20 11	0 53	21 59	0 35	24 33	0 37	24 41	0 51	16 18	0 6	19 48	0 58	6 51	6 51	2 9	2 4	11 57		n.a.
T 18	23 46	16 16	4 36	20 23	0s 5	20 28	0 50	22 6	0 36	24 33	0 37	24 41	0 51	16 18	0 6	19 49	0 58	6 51	6 51	2 12	2 6	11 55		n.a.
W19	23 43	18 1	4 56	19 56	0 14	20 45	0 47	22 14	0 36	24 33	0 37	24 41	0 51	16 17	0 6	19 49	0 58	6 51	6 51	2 16	2 7	11 54		n.a.
T 20	23 39	18 52	5 1	19 30	0 22	21 1	0 44	22 21	0 37	24 33	0 37	24 42	0 51	16 17	0 6	19 49	0 58	6 51	6 51	2 22	2 8	11 52		n.a.
F 21	23 35	18 47	4 51	19 2	0 31	21 16	0 41	22 29	0 38	24 33	0 37	24 42	0 51	16 17	0 6	19 50	0 58	6 52	6 51	2 27	2 9	11 51		n.a.
S 22	23 31	17 51	4 29	18 35	0 40	21 31	0 38	22 36	0 38	24 33	0 38	24 42	0 51	16 16	0 6	19 50	0 58	6 52	6 51	2 32	2 11	11 49		n.a.
S 23	23 26	16 7	3 54	18 7	0 48	21 46	0 35	22 43	0 39	24 33	0 38	24 42	0 51	16 16	0 6	19 51	0 58	6 52	6 51	2 36	2 12	11 48		n.a.
M24	23 21	13 42	3 9	17 40	0 57	21 59	0 32	22 49	0 39	24 33	0 38	24 42	0 51	16 16	0 6	19 51	0 58	6 52	6 51	2 40	2 13	11 46		n.a.
T 25	23 15	10 45	2 17	17 12	1 6	22 12	0 29	22 56	0 40	24 33	0 38	24 43	0 52	16 16	0 6	19 51	0 58	6 52	6 52	2 42	2 15	11 45		n.a.
W26	23 9	7 22	1 18	16 44	1 16	22 25	0 26	23 2	0 41	24 33	0 38	24 43	0 52	16 15	0 6	19 52	0 58	6 52	6 52	2 43	2 16	11 43		n.a.
T 27	23 2	3 41	0 16	16 16	1 25	22 37	0 23	23 9	0 41	24 33	0 38	24 43	0 52	16 15	0 6	19 52	0 58	6 52	6 52	2 44	2 17	11 42		n.a.
F 28	22 55	0n10	0s47	15 49	1 34	22 48	0 20	23 15	0 42	24 33	0 38	24 43	0 52	16 15	0 6	19 52	0 58	6 52	6 52	2 44	2 18	11 40		n.a.
S 29	22 48	4 4	1 50	15 22	1 43	22 59	0 17	23 21	0 43	24 33	0 38	24 44	0 52	16 15	0 6	19 53	0 58	6 53	6 52	2 43	2 20	11 39		n.a.
S 30	22 40	7 53	2 49	14 55	1 52	23 9	0 14	23 27	0 43	24 33	0 38	24 44	0 52	16 15	0 6	19 53	0 58	6 53	6 52	2 44	2 21	11 37		n.a.
M31	22n32	11n27	3s41	14n29	2s 2	23n18	0s11	23n32	0n44	24n33	0n39	24s44	0s52	16s14	0n 6	19n53	0s58	6n53	6s52	2n44	2n22	11s36		n.a.

Julian Day Number = 975398.5, Delta T = 13h20m15s
Ecliptic obliquity = 23°55'33, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'50, Lahiri = -32°06'50 Julian Calendar 1 July 2043 BCE == Greg. Calendar 14 June 2043 BCE

The year -2042 astronomical counting style corresponds to year 2043 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

AUGUST 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 28 33	20♋ 6'37	22♉40	16♌46	20♊26	13♊33	2♋47	3°R48	13°R55	1♊21	4♉41	23°R10	24♍ 5	23♒10	n.a.	T 1
W 2	19 32 30	21° 5'18	6♊22	17°39	21°39	14°10	2°59	3♏43	13♏54	1°22	4°42	23♍ 4	24° 2	23°16	n.a.	W 2
T 3	19 36 27	22° 4'01	20°32	18°29	22°52	14°47	3°12	3°39	13°54	1°24	4°42	22°55	23°59	23°23	n.a.	T 3
F 4	19 40 23	23° 2'47	5♋ 7	19°16	24° 5	15°25	3°25	3°35	13°54	1°25	4°43	22°46	23°56	23°30	n.a.	F 4
S 5	19 44 20	24° 1'35	20° 2	19°58	25°18	16° 2	3°38	3°31	13°53	1°27	4°43	22°37	23°53	23°36	n.a.	S 5
S 6	19 48 16	25° 0'25	5♌ 8	20°37	26°32	16°39	3°50	3°26	13°53	1°28	4°43	22°29	23°50	23°43	n.a.	S 6
M 7	19 52 13	25°59'18	20°15	21°12	27°45	17°16	4° 3	3°22	13°53	1°30	4°44	22°23	23°46	23°50	n.a.	M 7
T 8	19 56 9	26°58'12	5♍12	21°42	28°58	17°53	4°16	3°18	13°53	1°31	4°44	22°19	23°43	23°56	n.a.	T 8
W 9	20 0 6	27°57'08	19°54	22° 7	0♋12	18°31	4°28	3°14	13°53	1°33	4°44	22°D18	23°40	24° 3	n.a.	W 9
T 10	20 4 2	28°56'06	4♎15	22°27	1°25	19° 8	4°41	3°10	13°52	1°34	4°45	22°19	23°37	24°10	n.a.	T 10
F 11	20 7 59	29°55'06	18°14	22°41	2°39	19°45	4°53	3° 7	13°D52	1°35	4°45	22°20	23°34	24°16	n.a.	F 11
S 12	20 11 55	0♌54'08	1♏50	22°49	3°52	20°22	5° 6	3° 3	13°52	1°37	4°45	22°R20	23°31	24°23	n.a.	S 12
S 13	20 15 52	1°53'12	15° 6	22°R51	5° 6	20°59	5°18	2°59	13°53	1°38	4°46	22°19	23°27	24°30	n.a.	S 13
M14	20 19 49	2°52'18	28° 3	22°46	6°20	21°36	5°31	2°55	13°53	1°39	4°46	22°16	23°24	24°36	n.a.	M14
T 15	20 23 45	3°51'26	10♐45	22°33	7°33	22°13	5°43	2°52	13°53	1°41	4°46	22°11	23°21	24°43	n.a.	T 15
W16	20 27 42	4°50'36	23°15	22°13	8°47	22°50	5°55	2°48	13°53	1°42	4°46	22° 4	23°18	24°50	n.a.	W16
T 17	20 31 38	5°49'48	5♑33	21°46	10° 1	23°26	6° 8	2°45	13°53	1°43	4°46	21°56	23°15	24°56	n.a.	T 17
F 18	20 35 35	6°49'02	17°42	21°11	11°15	24° 3	6°20	2°41	13°54	1°44	4°46	21°47	23°11	25° 3	n.a.	F 18
S 19	20 39 31	7°48'18	29°43	20°28	12°29	24°40	6°32	2°38	13°54	1°45	4°46	21°39	23° 8	25°10	n.a.	S 19
S 20	20 43 28	8°47'36	11♒38	19°38	13°43	25°17	6°44	2°35	13°55	1°46	4°47	21°32	23° 5	25°16	n.a.	S 20
M21	20 47 24	9°46'57	23°29	18°41	14°57	25°53	6°56	2°32	13°55	1°47	4°47	21°26	23° 2	25°23	n.a.	M21
T 22	20 51 21	10°46'19	5♓17	17°38	16°11	26°30	7° 8	2°28	13°56	1°48	4°47	21°23	22°59	25°30	n.a.	T 22
W23	20 55 17	11°45'44	17° 4	16°32	17°25	27° 7	7°20	2°25	13°56	1°50	4°R47	21°D21	22°56	25°36	n.a.	W23
T 24	20 59 14	12°45'12	28°55	15°22	18°40	27°43	7°32	2°22	13°57	1°50	4°47	21°21	22°52	25°43	n.a.	T 24
F 25	21 3 11	13°44'41	10♈52	14°10	19°54	28°20	7°44	2°20	13°57	1°51	4°47	21°23	22°49	25°50	n.a.	F 25
S 26	21 7 7	14°44'14	22°59	13° 0	21° 8	28°56	7°55	2°17	13°58	1°52	4°46	21°24	22°46	25°56	n.a.	S 26
S 27	21 11 4	15°43'48	5♉22	11°52	22°23	29°33	8° 7	2°14	13°59	1°53	4°46	21°26	22°43	26° 3	n.a.	S 27
M28	21 15 0	16°43'25	18° 4	10°48	23°37	0♋ 9	8°19	2°11	14° 0	1°54	4°46	21°R26	22°40	26°10	n.a.	M28
T 29	21 18 57	17°43'05	1♊11	9°51	24°52	0°46	8°30	2° 9	14° 1	1°55	4°46	21°26	22°36	26°16	n.a.	T 29
W30	21 22 53	18°42'47	14°44	9° 2	26° 6	1°22	8°42	2° 6	14° 2	1°56	4°46	21°23	22°33	26°23	n.a.	W30
T 31	21 26 50	19♌42'32	28♊47	8♌22	27♋21	1♋59	8♋53	2♏ 4	14♏ 3	1♊57	4♉46	21♍20	22♍30	26♒30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22n23	14n35	4s23	14n 3	2s11	23n27	0s 8	23n37	0n45	24n32	0n39	24s44	0s52	16s14	0n 6	19n54	0s58	6n53	6s52	2n46	2n24	11s34			n.a.
W 2	22 14	17 1	4 52	13 38	2 20	23 35	0 5	23 43	0 45	24 32	0 39	24 44	0 52	16 14	0 6	19 54	0 58	6 53	6 52	2 49	2 25	11 33			n.a.
T 3	22 5	18 31	5 5	13 14	2 29	23 42	0 2	23 48	0 46	24 32	0 39	24 45	0 52	16 14	0 6	19 54	0 58	6 53	6 52	2 52	2 26	11 31			n.a.
F 4	21 55	18 52	4 58	12 52	2 37	23 48	0n 1	23 53	0 46	24 32	0 39	24 45	0 52	16 14	0 6	19 55	0 58	6 53	6 53	2 56	2 27	11 30			n.a.
S 5	21 44	17 56	4 31	12 30	2 46	23 54	0 4	23 57	0 47	24 32	0 39	24 45	0 52	16 14	0 6	19 55	0 58	6 53	6 53	2 59	2 29	11 28			n.a.
S 6	21 34	15 44	3 45	12 10	2 54	24 0	0 7	24 2	0 48	24 31	0 39	24 45	0 52	16 14	0 6	19 55	0 58	6 53	6 53	3 3	2 30	11 27			n.a.
M 7	21 23	12 27	2 43	11 51	3 2	24 4	0 10	24 6	0 48	24 31	0 39	24 45	0 52	16 14	0 6	19 55	0 59	6 53	6 53	3 5	2 31	11 25			n.a.
T 8	21 11	8 23	1 31	11 34	3 10	24 8	0 12	24 11	0 49	24 31	0 40	24 45	0 52	16 14	0 6	19 56	0 59	6 53	6 53	3 6	2 33	11 24			n.a.
W 9	21 0	3 53	0 13	11 19	3 17	24 11	0 15	24 15	0 50	24 31	0 40	24 46	0 52	16 14	0 6	19 56	0 59	6 53	6 53	3 7	2 34	11 22			n.a.
T 10	20 47	0s45	1n 4	11 6	3 24	24 13	0 18	24 18	0 50	24 30	0 40	24 46	0 53	16 14	0 6	19 56	0 59	6 53	6 53	3 7	2 35	11 21			n.a.
F 11	20 35	5 13	2 15	10 56	3 30	24 15	0 21	24 22	0 51	24 30	0 40	24 46	0 53	16 14	0 6	19 57	0 59	6 53	6 53	3 6	2 36	11 19			n.a.
S 12	20 22	9 17	3 16	10 48	3 35	24 16	0 23	24 26	0 52	24 30	0 40	24 46	0 53	16 14	0 6	19 57	0 59	6 53	6 53	3 6	2 38	11 18			n.a.
S 13	20 9	12 47	4 6	10 43	3 40	24 16	0 26	24 29	0 52	24 29	0 40	24 46	0 53	16 14	0 6	19 57	0 59	6 53	6 53	3 6	2 39	11 16			n.a.
M14	19 55	15 34	4 41	10 42	3 43	24 15	0 29	24 32	0 53	24 29	0 40	24 46	0 53	16 14	0 6	19 57	0 59	6 53	6 54	3 8	2 40	11 15			n.a.
T 15	19 41	17 32	5 2	10 44	3 45	24 14	0 31	24 35	0 54	24 29	0 41	24 46	0 53	16 14	0 6	19 58	0 59	6 53	6 54	3 10	2 42	11 13			n.a.
W16	19 26	18 38	5 8	10 49	3 47	24 11	0 34	24 38	0 54	24 28	0 41	24 47	0 53	16 14	0 6	19 58	0 59	6 53	6 54	3 12	2 43	11 12			n.a.
T 17	19 12	18 49	4 59	10 58	3 46	24 9	0 36	24 40	0 55	24 28	0 41	24 47	0 53	16 14	0 6	19 58	0 59	6 53	6 54	3 16	2 44	11 10			n.a.
F 18	18 57	18 9	4 37	11 12	3 44	24 5	0 39	24 43	0 56	24 27	0 41	24 47	0 53	16 14	0 6	19 58	0 59	6 53	6 54	3 19	2 45	11 9			n.a.
S 19	18 41	16 40	4 3	11 29	3 41	24 1	0 41	24 45	0 56	24 27	0 41	24 47	0 53	16 14	0 6	19 58	0 59	6 53	6 54	3 23	2 47	11 7			n.a.
S 20	18 26	14 28	3 19	11 50	3 35	23 56	0 44	24 47	0 57	24 26	0 41	24 47	0 53	16 14	0 6	19 59	0 59	6 53	6 54	3 26	2 48	11 6			n.a.
M21	18 10	11 41	2 26	12 15	3 28	23 50	0 46	24 49	0 58	24 26	0 41	24 47	0 53	16 15	0 6	19 59	0 59	6 53	6 54	3 28	2 49	11 4			n.a.
T 22	17 53	8 26	1 26	12 43	3 18	23 43	0 48	24 51	0 58	24 25	0 42	24 47	0 53	16 15	0 6	19 59	0 59	6 53	6 54	3 29	2 50	11 3			n.a.
W23	17 36	4 51	0 23	13 15	3 6	23 36	0 50	24 52	0 59	24 25	0 42	24 47	0 53	16 15	0 6	19 59	0 59	6 52	6 55	3 30	2 52	11 1			n.a.
T 24	17 19	1 4	0s41	13 49	2 53	23 28	0 53	24 54	1 0	24 24	0 42	24 47	0 53	16 15	0 6	19 59	0 59	6 52	6 55	3 30	2 53	11 0			n.a.
F 25	17 2	2n47	1 45	14 24	2 37	23 19	0 55	24 55	1 0	24 24	0 42	24 47	0 53	16 15	0 6	20 0	0 59	6 52	6 55	3 29	2 54	10 58			n.a.
S 26	16 45	6 35	2 44	15 1	2 20	23 10	0 57	24 56	1 1	24 23	0 42	24 47	0 53	16 16	0 6	20 0	0 59	6 52	6 55	3 28	2 56	10 57			n.a.
S 27	16 27	10 10	3 38	15 38	2 2	22 59	0 59	24 57	1 2	24 23	0 42	24 48	0 53	16 16	0 6	20 0	0 59	6 52	6 55	3 28	2 57	10 55			n.a.
M28	16 8	13 22	4 22	16 14	1 43	22 49	1 1	24 58	1 2	24 22	0 43	24 48	0 53	16 16	0 6	20 0	0 59	6 52	6 55	3 28	2 58	10 54			n.a.
T 29	15 50	16 1	4 54	16 49	1 23	22 37	1 3	24 58	1 3	24 21	0 43	24 48	0 53	16 16	0 6	20 0	0 59	6 52	6 55	3 28	2 59	10 52			n.a.
W30	15 31	17 53	5 11	17 22	1 3	22 25	1 4	24 59	1 4	24 21	0 43	24 48	0 53	16 17	0 6	20 0	0 59	6 52	6 55	3 29	3 1	10 50			n.a.
T 31	15n12	18n45	5s11	17n51	0s43	22n12	1n 6	24n59	1n 4	24n20	0n43	24s48	0s53	16s17	0n 6	20n 1	0s59	6n51	6s55	3n30	3n 2	10s49			n.a.

Julian Day Number = 975429.5, Delta T = 13h20m13s
Ecliptic obliquity = 23°55'33, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'46, Lahiri = -32°06'46 Julian Calendar 1 Aug. 2043 BCE == Greg. Calendar 15 July 2043 BCE

The year -2042 astronomical counting style corresponds to year 2043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

SEPTEMBER 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 30 46	20♌42'19	13♋17	7°R53	28♋36	2♋35	9♋ 5	2°R 2	14♏ 4	1♊57	4°R46	21°R15	22♍27	26♒36	n.a.	F 1
S 2	21 34 43	21°42'08	28°10	7♌34	29°50	3°11	9°16	2♉ 0	14° 5	1°58	4♉45	21♍11	22°24	26°43	n.a.	S 2
S 3	21 38 39	22°42'00	13♌18	7°D27	1♌ 5	3°47	9°27	1°58	14° 6	1°59	4°45	21° 7	22°21	26°50	n.a.	S 3
M 4	21 42 36	23°41'54	28°34	7°31	2°20	4°24	9°38	1°56	14° 7	1°59	4°45	21° 4	22°17	26°56	n.a.	M 4
T 5	21 46 33	24°41'50	13♍45	7°45	3°35	5° 0	9°49	1°54	14° 8	2° 0	4°45	21°D 3	22°14	27° 3	n.a.	T 5
W 6	21 50 29	25°41'48	28°42	8°10	4°50	5°36	10° 0	1°52	14°10	2° 0	4°44	21° 3	22°11	27°10	n.a.	W 6
T 7	21 54 26	26°41'47	13♎19	8°45	6° 5	6°12	10°11	1°50	14°11	2° 1	4°44	21° 4	22° 8	27°16	n.a.	T 7
F 8	21 58 22	27°41'49	27°32	9°28	7°20	6°48	10°22	1°49	14°12	2° 1	4°44	21° 5	22° 5	27°23	n.a.	F 8
S 9	22 2 19	28°41'53	11♏18	10°19	8°35	7°24	10°33	1°47	14°14	2° 2	4°43	21° 7	22° 2	27°30	n.a.	S 9
S 10	22 6 15	29°41'58	24°38	11°18	9°50	8° 0	10°43	1°46	14°15	2° 2	4°43	21°R 8	21°58	27°36	n.a.	S 10
M11	22 10 12	0♍42'05	7♐36	12°23	11° 5	8°35	10°54	1°45	14°17	2° 3	4°42	21° 7	21°55	27°43	n.a.	M11
T 12	22 14 8	1°42'14	20°13	13°34	12°20	9°11	11° 4	1°43	14°19	2° 3	4°42	21° 6	21°52	27°50	n.a.	T 12
W13	22 18 5	2°42'24	2♑35	14°49	13°35	9°47	11°15	1°42	14°20	2° 3	4°42	21° 4	21°49	27°56	n.a.	W13
T 14	22 22 1	3°42'37	14°44	16° 9	14°50	10°23	11°25	1°41	14°22	2° 4	4°41	21° 2	21°46	28° 3	n.a.	T 14
F 15	22 25 58	4°42'51	26°44	17°32	16° 5	10°58	11°35	1°40	14°24	2° 4	4°41	20°59	21°42	28°10	n.a.	F 15
S 16	22 29 55	5°43'07	8♒37	18°58	17°20	11°34	11°45	1°40	14°25	2° 4	4°40	20°57	21°39	28°16	n.a.	S 16
S 17	22 33 51	6°43'24	20°27	20°27	18°36	12°10	11°55	1°39	14°27	2° 4	4°39	20°55	21°36	28°23	n.a.	S 17
M18	22 37 48	7°43'44	2♓15	21°58	19°51	12°45	12° 5	1°38	14°29	2° 5	4°39	20°53	21°33	28°30	n.a.	M18
T 19	22 41 44	8°44'05	14° 5	23°30	21° 6	13°20	12°15	1°38	14°31	2° 5	4°38	20°52	21°30	28°36	n.a.	T 19
W20	22 45 41	9°44'28	25°57	25° 4	22°21	13°56	12°25	1°38	14°33	2° 5	4°38	20°D52	21°27	28°43	n.a.	W20
T 21	22 49 37	10°44'53	7♈54	26°38	23°37	14°31	12°34	1°37	14°35	2° 5	4°37	20°53	21°23	28°50	n.a.	T 21
F 22	22 53 34	11°45'21	19°59	28°14	24°52	15° 7	12°44	1°37	14°37	2°R 5	4°36	20°54	21°20	28°56	n.a.	F 22
S 23	22 57 30	12°45'50	2♉14	29°50	26° 7	15°42	12°53	1°D37	14°39	2° 5	4°36	20°55	21°17	29° 3	n.a.	S 23
S 24	23 1 27	13°46'21	14°42	1♍27	27°23	16°17	13° 2	1°37	14°41	2° 5	4°35	20°55	21°14	29°10	n.a.	S 24
M25	23 5 23	14°46'54	27°26	3° 4	28°38	16°52	13°11	1°37	14°43	2° 5	4°34	20°56	21°11	29°16	n.a.	M25
T 26	23 9 20	15°47'29	10♊29	4°41	29°54	17°27	13°20	1°38	14°45	2° 5	4°34	20°R56	21° 8	29°23	n.a.	T 26
W27	23 13 17	16°48'06	23°55	6°19	1♍ 9	18° 2	13°29	1°38	14°48	2° 4	4°33	20°56	21° 4	29°30	n.a.	W27
T 28	23 17 13	17°48'46	7♋44	7°56	2°25	18°37	13°38	1°39	14°50	2° 4	4°32	20°56	21° 1	29°36	n.a.	T 28
F 29	23 21 10	18°49'27	21°58	9°33	3°40	19°12	13°47	1°39	14°52	2° 4	4°31	20°56	20°58	29°43	n.a.	F 29
S 30	23 25 6	19♍50'10	6♌34	11♍11	4♍56	19♋47	13♋55	1♉40	14♏55	2♊ 4	4♉31	20♍56	20♍55	29♒49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n53	18n26	4s51	18n18	0s23	21n58	1n 8	24n59	1n 5	24n20	0n43	24s48	0s53	16s17	0n 6	20n 1	0s59	6n51	6s56	3n32	3n 3	10s47		n.a.
S 2	14 33	16 51	4 11	18 41	0 4	21 44	1 10	24 59	1 6	24 19	0 43	24 48	0 53	16 18	0 6	20 1	0 59	6 51	6 56	3 34	3 5	10 46		n.a.
S 3	14 14	14 5	3 13	19 0	0n13	21 29	1 11	24 58	1 6	24 18	0 44	24 48	0 53	16 18	0 6	20 1	0 59	6 51	6 56	3 35	3 6	10 44		n.a.
M 4	13 54	10 20	2 1	19 15	0 30	21 13	1 13	24 58	1 7	24 18	0 44	24 48	0 53	16 19	0 6	20 1	0 59	6 51	6 56	3 37	3 7	10 43		n.a.
T 5	13 33	5 54	0 40	19 26	0 45	20 57	1 14	24 57	1 8	24 17	0 44	24 48	0 53	16 19	0 6	20 1	0 59	6 50	6 56	3 37	3 8	10 41		n.a.
W 6	13 13	1 10	0n42	19 32	0 59	20 40	1 16	24 57	1 8	24 16	0 44	24 48	0 53	16 19	0 6	20 1	0 59	6 50	6 56	3 37	3 10	10 40		n.a.
T 7	12 52	3s32	2 0	19 35	1 11	20 22	1 17	24 56	1 9	24 16	0 44	24 48	0 53	16 20	0 6	20 1	0 59	6 50	6 56	3 37	3 11	10 38		n.a.
F 8	12 31	7 53	3 8	19 34	1 22	20 4	1 18	24 55	1 10	24 15	0 44	24 48	0 53	16 20	0 6	20 1	0 59	6 50	6 56	3 36	3 12	10 36		n.a.
S 9	12 10	11 41	4 3	19 29	1 31	19 46	1 19	24 53	1 10	24 14	0 45	24 48	0 53	16 21	0 6	20 1	0 59	6 50	6 56	3 36	3 14	10 35		n.a.
S 10	11 48	14 45	4 43	19 20	1 40	19 26	1 21	24 52	1 11	24 14	0 45	24 48	0 53	16 21	0 6	20 2	0 59	6 49	6 56	3 35	3 15	10 33		n.a.
M11	11 27	16 58	5 7	19 8	1 46	19 6	1 22	24 50	1 12	24 13	0 45	24 48	0 53	16 22	0 6	20 2	0 59	6 49	6 57	3 35	3 16	10 32		n.a.
T 12	11 5	18 18	5 16	18 52	1 52	18 46	1 23	24 48	1 13	24 12	0 45	24 48	0 53	16 22	0 6	20 2	0 59	6 49	6 57	3 36	3 17	10 30		n.a.
W13	10 43	18 44	5 10	18 34	1 56	18 25	1 24	24 46	1 13	24 12	0 45	24 48	0 53	16 23	0 6	20 2	0 59	6 49	6 57	3 36	3 19	10 29		n.a.
T 14	10 21	18 18	4 50	18 13	2 0	18 3	1 24	24 44	1 14	24 11	0 46	24 48	0 53	16 23	0 6	20 2	0 59	6 48	6 57	3 37	3 20	10 27		n.a.
F 15	9 59	17 2	4 17	17 49	2 2	17 41	1 25	24 42	1 15	24 10	0 46	24 48	0 53	16 24	0 6	20 2	0 59	6 48	6 57	3 39	3 21	10 26		n.a.
S 16	9 36	15 3	3 33	17 23	2 4	17 19	1 26	24 40	1 15	24 9	0 46	24 48	0 53	16 24	0 6	20 2	0 59	6 48	6 57	3 40	3 22	10 24		n.a.
S 17	9 13	12 26	2 41	16 55	2 4	16 56	1 27	24 37	1 16	24 9	0 46	24 48	0 53	16 25	0 6	20 2	0 59	6 48	6 57	3 40	3 24	10 22		n.a.
M18	8 50	9 18	1 41	16 25	2 4	16 32	1 27	24 35	1 17	24 8	0 46	24 48	0 53	16 25	0 6	20 2	0 59	6 47	6 57	3 41	3 25	10 21		n.a.
T 19	8 27	5 49	0 38	15 53	2 3	16 8	1 28	24 32	1 18	24 7	0 47	24 48	0 53	16 26	0 6	20 2	0 59	6 47	6 57	3 41	3 26	10 19		n.a.
W20	8 4	2 4	0s28	15 20	2 2	15 44	1 28	24 29	1 18	24 7	0 47	24 48	0 53	16 26	0 6	20 2	0 59	6 47	6 57	3 41	3 28	10 18		n.a.
T 21	7 41	1n46	1 33	14 45	2 0	15 19	1 29	24 26	1 19	24 6	0 47	24 48	0 53	16 27	0 5	20 2	0 59	6 47	6 57	3 41	3 29	10 16		n.a.
F 22	7 18	5 35	2 35	14 9	1 57	14 53	1 29	24 22	1 20	24 5	0 47	24 48	0 53	16 28	0 5	20 2	0 59	6 46	6 58	3 41	3 30	10 14		n.a.
S 23	6 54	9 12	3 30	13 32	1 54	14 27	1 29	24 19	1 20	24 4	0 47	24 48	0 53	16 28	0 5	20 2	0 59	6 46	6 58	3 40	3 31	10 13		n.a.
S 24	6 30	12 29	4 17	12 53	1 50	14 1	1 29	24 15	1 21	24 4	0 48	24 48	0 53	16 29	0 5	20 2	0 59	6 46	6 58	3 40	3 33	10 11		n.a.
M25	6 7	15 15	4 52	12 14	1 46	13 35	1 29	24 11	1 22	24 3	0 48	24 48	0 53	16 30	0 5	20 2	1 0	6 45	6 58	3 40	3 34	10 10		n.a.
T 26	5 43	17 19	5 13	11 34	1 42	13 8	1 29	24 8	1 23	24 2	0 48	24 48	0 53	16 30	0 5	20 2	1 0	6 45	6 58	3 40	3 35	10 8		n.a.
W27	5 19	18 30	5 18	10 53	1 38	12 40	1 29	24 4	1 23	24 2	0 48	24 48	0 53	16 31	0 5	20 2	1 0	6 45	6 58	3 40	3 37	10 7		n.a.
T 28	4 55	18 38	5 5	10 12	1 33	12 13	1 29	23 59	1 24	24 1	0 49	24 48	0 53	16 32	0 5	20 2	1 0	6 44	6 58	3 40	3 38	10 5		n.a.
F 29	4 30	17 36	4 33	9 30	1 28	11 44	1 29	23 55	1 25	24 0	0 49	24 48	0 53	16 32	0 5	20 1	1 0	6 44	6 58	3 40	3 39	10 3		n.a.
S 30	4n 6	15n25	3s43	8n47	1n22	11n16	1n29	23n51	1n26	24n 0	0n49	24s48	0s53	16s33	0n 5	20n 1	1s 0	6n44	6s58	3n40	3n40	10s 2		n.a.

Julian Day Number = 975460.5, Delta T = 13h20m11s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'42, Lahiri = -32°06'41 Julian Calendar 1 Sept. 2043 BCE == Greg. Calendar 15 Aug. 2043 BCE

The year -2042 astronomical counting style corresponds to year 2043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

OCTOBER 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 29 3	20♍50'55	21♌28	12♍48	6♍11	20♋22	14♋ 4	1♑41	14♏57	2°R 4	4°R30	20°D56	20♍52	29♒56	n.a.	S 1
M 2	23 32 59	21°51'42	6♍34	14°25	7°27	20°57	14°12	1°42	15° 0	2♊ 3	4♉29	20♍56	20°48	0♓ 3	n.a.	M 2
T 3	23 36 56	22°52'30	21°41	16° 1	8°43	21°31	14°20	1°43	15° 2	2° 3	4°28	20°R56	20°45	0° 9	n.a.	T 3
W 4	23 40 52	23°53'20	6♎42	17°38	9°58	22° 6	14°28	1°44	15° 5	2° 2	4°27	20°56	20°42	0°16	n.a.	W 4
T 5	23 44 49	24°54'11	21°27	19°14	11°14	22°41	14°36	1°45	15° 7	2° 2	4°26	20°55	20°39	0°23	n.a.	T 5
F 6	23 48 45	25°55'03	5♏51	20°51	12°29	23°15	14°44	1°46	15°10	2° 2	4°25	20°55	20°36	0°29	n.a.	F 6
S 7	23 52 42	26°55'57	19°49	22°27	13°45	23°49	14°52	1°48	15°12	2° 1	4°25	20°54	20°33	0°36	n.a.	S 7
S 8	23 56 39	27°56'52	3♐19	24° 2	15° 1	24°24	14°59	1°49	15°15	2° 1	4°24	20°53	20°29	0°43	n.a.	S 8
M 9	0 0 35	28°57'48	16°23	25°38	16°16	24°58	15° 7	1°51	15°18	2° 0	4°23	20°53	20°26	0°49	n.a.	M 9
T 10	0 4 32	29°58'45	29° 4	27°13	17°32	25°32	15°14	1°53	15°21	1°59	4°22	20°D53	20°23	0°56	n.a.	T 10
W11	0 8 28	0♎59'43	11♑25	28°49	18°48	26° 6	15°21	1°55	15°23	1°59	4°21	20°53	20°20	1° 3	n.a.	W11
T 12	0 12 25	2° 0'43	23°31	0♎24	20° 3	26°40	15°28	1°57	15°26	1°58	4°20	20°53	20°17	1° 9	n.a.	T 12
F 13	0 16 21	3° 1'43	5♒27	1°59	21°19	27°14	15°35	1°59	15°29	1°58	4°19	20°55	20°13	1°16	n.a.	F 13
S 14	0 20 18	4° 2'44	17°16	3°33	22°35	27°48	15°42	2° 1	15°32	1°57	4°18	20°56	20°10	1°23	n.a.	S 14
S 15	0 24 14	5° 3'46	29° 4	5° 8	23°50	28°22	15°48	2° 3	15°35	1°56	4°17	20°57	20° 7	1°29	n.a.	S 15
M16	0 28 11	6° 4'49	10♓53	6°43	25° 6	28°56	15°55	2° 6	15°38	1°55	4°16	20°58	20° 4	1°36	n.a.	M16
T 17	0 32 8	7° 5'53	22°46	8°17	26°22	29°30	16° 1	2° 8	15°41	1°55	4°15	20°R58	20° 1	1°43	n.a.	T 17
W18	0 36 4	8° 6'57	4♈46	9°51	27°37	0♌ 3	16° 7	2°11	15°44	1°54	4°14	20°58	19°58	1°49	n.a.	W18
T 19	0 40 1	9° 8'03	16°55	11°26	28°53	0°37	16°13	2°13	15°47	1°53	4°13	20°56	19°54	1°56	n.a.	T 19
F 20	0 43 57	10° 9'10	29°14	13° 0	0♎ 9	1°10	16°18	2°16	15°50	1°52	4°12	20°54	19°51	2° 3	n.a.	F 20
S 21	0 47 54	11°10'18	11♉45	14°34	1°24	1°43	16°24	2°19	15°53	1°51	4°10	20°51	19°48	2° 9	n.a.	S 21
S 22	0 51 50	12°11'27	24°27	16° 8	2°40	2°17	16°30	2°22	15°56	1°50	4° 9	20°47	19°45	2°16	n.a.	S 22
M23	0 55 47	13°12'38	7♊24	17°43	3°56	2°50	16°35	2°25	15°59	1°49	4° 8	20°44	19°42	2°22	n.a.	M23
T 24	0 59 43	14°13'49	20°34	19°17	5°11	3°23	16°40	2°28	16° 2	1°48	4° 7	20°41	19°39	2°29	n.a.	T 24
W25	1 3 40	15°15'01	4♋ 0	20°51	6°27	3°56	16°45	2°32	16° 5	1°47	4° 6	20°40	19°35	2°36	n.a.	W25
T 26	1 7 37	16°16'15	17°43	22°25	7°43	4°29	16°50	2°35	16° 8	1°46	4° 5	20°D39	19°32	2°42	n.a.	T 26
F 27	1 11 33	17°17'29	1♌42	24° 0	8°58	5° 2	16°54	2°38	16°12	1°45	4° 4	20°40	19°29	2°49	n.a.	F 27
S 28	1 15 30	18°18'44	15°58	25°34	10°14	5°34	16°59	2°42	16°15	1°44	4° 3	20°41	19°26	2°56	n.a.	S 28
S 29	1 19 26	19°20'01	0♍28	27° 9	11°30	6° 7	17° 3	2°46	16°18	1°43	4° 1	20°43	19°23	3° 2	n.a.	S 29
M30	1 23 23	20°21'18	15° 9	28°43	12°46	6°40	17° 7	2°49	16°22	1°41	4° 0	20°R44	19°19	3° 9	n.a.	M30
T 31	1 27 19	21♎22'36	29♍55	0♏18	14♎ 1	7♌12	17♋11	2♑53	16♏25	1♊40	3♉59	20♍43	19♍16	3♓16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
S 1	3n42	12n10	2s37	8n 4	1n17	10n47	1n29	23n46	1n26	23n59	0n49	24s48	0s53	16s34	0n 5	20n 1	1s 0	6n43	6s58	3n40	3n42	10s 0			n.a.	S 1
M 2	3 17	8 4	1 19	7 21	1 11	10 18	1 28	23 42	1 27	23 58	0 49	24 48	0 53	16 35	0 5	20 1	1 0	6 43	6 58	3 40	3 43	9 59			n.a.	M 2
T 3	2 53	3 26	0n 4	6 37	1 5	9 49	1 28	23 37	1 28	23 58	0 50	24 48	0 53	16 35	0 5	20 1	1 0	6 43	6 58	3 40	3 44	9 57			n.a.	T 3
W 4	2 28	1s23	1 27	5 53	0 59	9 20	1 27	23 32	1 29	23 57	0 50	24 48	0 53	16 36	0 5	20 1	1 0	6 42	6 58	3 40	3 45	9 55			n.a.	W 4
T 5	2 4	6 2	2 42	5 9	0 53	8 50	1 27	23 27	1 30	23 56	0 50	24 48	0 53	16 37	0 5	20 1	1 0	6 42	6 58	3 40	3 47	9 54			n.a.	T 5
F 6	1 39	10 13	3 45	4 25	0 47	8 20	1 26	23 22	1 30	23 56	0 50	24 48	0 53	16 38	0 5	20 1	1 0	6 42	6 58	3 40	3 48	9 52			n.a.	F 6
S 7	1 15	13 41	4 32	3 41	0 41	7 49	1 25	23 16	1 31	23 55	0 51	24 48	0 53	16 39	0 5	20 1	1 0	6 41	6 58	3 41	3 49	9 51			n.a.	S 7
S 8	0 50	16 17	5 3	2 56	0 34	7 19	1 25	23 11	1 32	23 54	0 51	24 48	0 53	16 39	0 5	20 1	1 0	6 41	6 59	3 41	3 51	9 49			n.a.	S 8
M 9	0 25	17 58	5 17	2 12	0 28	6 48	1 24	23 5	1 33	23 54	0 51	24 48	0 53	16 40	0 5	20 0	1 0	6 41	6 59	3 41	3 52	9 47			n.a.	M 9
T 10	0 1	18 41	5 15	1 27	0 22	6 17	1 23	23 0	1 34	23 53	0 51	24 48	0 53	16 41	0 5	20 0	1 0	6 40	6 59	3 41	3 53	9 46			n.a.	T 10
W11	0s24	18 29	4 58	0 43	0 15	5 46	1 22	22 54	1 34	23 53	0 52	24 48	0 53	16 42	0 5	20 0	1 0	6 40	6 59	3 41	3 54	9 44			n.a.	W11
T 12	0 49	17 26	4 28	0s 2	0 9	5 15	1 21	22 48	1 35	23 52	0 52	24 48	0 53	16 43	0 5	20 0	1 0	6 40	6 59	3 41	3 56	9 42			n.a.	T 12
F 13	1 14	15 38	3 47	0 46	0 2	4 44	1 20	22 42	1 36	23 51	0 52	24 48	0 53	16 44	0 5	20 0	1 0	6 39	6 59	3 40	3 57	9 41			n.a.	F 13
S 14	1 38	13 11	2 56	1 30	0s 4	4 12	1 19	22 36	1 37	23 51	0 52	24 48	0 53	16 44	0 5	20 0	1 0	6 39	6 59	3 40	3 58	9 39			n.a.	S 14
S 15	2 3	10 11	1 59	2 15	0 11	3 41	1 18	22 30	1 38	23 50	0 53	24 48	0 53	16 45	0 5	20 0	1 0	6 38	6 59	3 39	3 59	9 38			n.a.	S 15
M16	2 28	6 47	0 56	2 59	0 17	3 9	1 16	22 24	1 38	23 50	0 53	24 48	0 53	16 46	0 5	19 59	1 0	6 38	6 59	3 39	4 1	9 36			n.a.	M16
T 17	2 52	3 5	0s10	3 43	0 24	2 37	1 15	22 17	1 39	23 49	0 53	24 48	0 53	16 47	0 5	19 59	1 0	6 38	6 59	3 39	4 2	9 34			n.a.	T 17
W18	3 17	0n47	1 16	4 26	0 30	2 5	1 14	22 11	1 40	23 49	0 53	24 48	0 53	16 48	0 5	19 59	1 0	6 37	6 59	3 39	4 3	9 33			n.a.	W18
T 19	3 41	4 39	2 19	5 10	0 36	1 33	1 12	22 4	1 41	23 48	0 54	24 48	0 53	16 49	0 5	19 59	1 0	6 37	6 59	3 40	4 5	9 31			n.a.	T 19
F 20	4 6	8 23	3 16	5 53	0 42	1 1	1 11	21 57	1 42	23 48	0 54	24 48	0 53	16 50	0 5	19 59	1 0	6 37	6 59	3 41	4 6	9 29			n.a.	F 20
S 21	4 30	11 47	4 5	6 36	0 48	0 29	1 9	21 51	1 43	23 47	0 54	24 47	0 53	16 51	0 5	19 58	1 0	6 36	6 59	3 42	4 7	9 28			n.a.	S 21
S 22	4 55	14 42	4 43	7 18	0 54	0s 3	1 8	21 44	1 43	23 47	0 54	24 47	0 53	16 52	0 5	19 58	1 0	6 36	6 59	3 43	4 8	9 26			n.a.	S 22
M23	5 19	16 57	5 7	8 1	1 0	0 35	1 6	21 37	1 44	23 47	0 55	24 47	0 53	16 53	0 5	19 58	1 0	6 35	6 59	3 45	4 10	9 25			n.a.	M23
T 24	5 43	18 21	5 15	8 43	1 6	1 7	1 5	21 30	1 45	23 46	0 55	24 47	0 53	16 53	0 5	19 58	1 0	6 35	6 59	3 46	4 11	9 23			n.a.	T 24
W25	6 7	18 45	5 7	9 24	1 11	1 39	1 3	21 23	1 46	23 46	0 55	24 47	0 53	16 54	0 5	19 58	1 0	6 35	6 59	3 46	4 12	9 21			n.a.	W25
T 26	6 31	18 5	4 41	10 5	1 17	2 11	1 1	21 15	1 47	23 45	0 55	24 47	0 53	16 55	0 5	19 57	1 0	6 34	6 59	3 47	4 13	9 20			n.a.	T 26
F 27	6 55	16 19	3 58	10 46	1 22	2 43	0 59	21 8	1 48	23 45	0 56	24 47	0 53	16 56	0 5	19 57	1 0	6 34	6 59	3 46	4 15	9 18			n.a.	F 27
S 28	7 19	13 31	3 0	11 26	1 27	3 15	0 58	21 1	1 49	23 45	0 56	24 47	0 53	16 57	0 5	19 57	1 0	6 34	6 59	3 46	4 16	9 16			n.a.	S 28
S 29	7 43	9 50	1 49	12 6	1 32	3 47	0 56	20 53	1 49	23 45	0 56	24 47	0 53	16 58	0 5	19 57	1 0	6 33	6 59	3 45	4 17	9 15			n.a.	S 29
M30	8 7	5 30	0 31	12 45	1 37	4 19	0 54	20 46	1 50	23 44	0 57	24 47	0 53	16 59	0 5	19 56	1 0	6 33	6 59	3 45	4 19	9 13			n.a.	M30
T 31	8s30	0n48	0n50	13s23	1s41	4s51	0n52	20n38	1n51	23n44	0n57	24s47	0s53	17s 0	0n 5	19n56	1s 0	6n32	6s59	3n45	4n20	9s11			n.a.	T 31

Julian Day Number = 975490.5, Delta T = 13h20m09s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'38, Lahiri = -32°06'37 Julian Calendar 1 Oct. 2043 BCE == Greg. Calendar 14 Sept. 2043 BCE

The year -2042 astronomical counting style corresponds to year 2043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

NOVEMBER 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 31 16	22♎23'54	14♎41	1♏52	15♎17	7♌44	17♋15	2♑57	16♏28	1°R39	3°R58	20°R42	19♍13	3♓22	n.a.	W 1
T 2	1 35 13	23°25'13	29°18	3°27	16°33	8°16	17°18	3° 1	16°32	1♊38	3♉57	20♍38	19°10	3°29	n.a.	T 2
F 3	1 39 9	24°26'32	13♏40	5° 2	17°48	8°48	17°22	3° 5	16°35	1°37	3°56	20°33	19° 7	3°36	n.a.	F 3
S 4	1 43 6	25°27'52	27°40	6°36	19° 4	9°20	17°25	3° 9	16°38	1°35	3°54	20°27	19° 4	3°42	n.a.	S 4
S 5	1 47 2	26°29'12	11♐16	8°11	20°19	9°52	17°28	3°14	16°42	1°34	3°53	20°21	19° 0	3°49	n.a.	S 5
M 6	1 50 59	27°30'32	24°26	9°45	21°35	10°24	17°31	3°18	16°45	1°33	3°52	20°16	18°57	3°56	n.a.	M 6
T 7	1 54 55	28°31'52	7♑12	11°20	22°51	10°56	17°33	3°22	16°49	1°31	3°51	20°12	18°54	4° 2	n.a.	T 7
W 8	1 58 52	29°33'12	19°37	12°54	24° 6	11°27	17°36	3°27	16°52	1°30	3°50	20°10	18°51	4° 9	n.a.	W 8
T 9	2 2 48	0♏34'32	1♒44	14°28	25°22	11°59	17°38	3°31	16°55	1°29	3°48	20°D 9	18°48	4°16	n.a.	T 9
F 10	2 6 45	1°35'52	13°40	16° 1	26°38	12°30	17°40	3°36	16°59	1°27	3°47	20°10	18°44	4°22	n.a.	F 10
S 11	2 10 42	2°37'12	25°29	17°34	27°53	13° 1	17°42	3°41	17° 2	1°26	3°46	20°12	18°41	4°29	n.a.	S 11
S 12	2 14 38	3°38'31	7♓16	19° 6	29° 9	13°32	17°44	3°46	17° 6	1°24	3°45	20°13	18°38	4°36	n.a.	S 12
M13	2 18 35	4°39'51	19° 7	20°38	0♏24	14° 3	17°45	3°51	17° 9	1°23	3°44	20°R14	18°35	4°42	n.a.	M13
T 14	2 22 31	5°41'10	1♈ 5	22° 8	1°40	14°33	17°47	3°56	17°13	1°21	3°42	20°13	18°32	4°49	n.a.	T 14
W15	2 26 28	6°42'28	13°13	23°38	2°55	15° 4	17°48	4° 1	17°16	1°20	3°41	20°11	18°29	4°55	n.a.	W15
T 16	2 30 24	7°43'47	25°35	25° 5	4°11	15°34	17°49	4° 6	17°20	1°18	3°40	20° 5	18°25	5° 2	n.a.	T 16
F 17	2 34 21	8°45'05	8♉12	26°31	5°26	16° 5	17°49	4°11	17°23	1°17	3°39	19°58	18°22	5° 9	n.a.	F 17
S 18	2 38 18	9°46'24	21° 3	27°55	6°42	16°35	17°50	4°16	17°27	1°15	3°38	19°50	18°19	5°15	n.a.	S 18
S 19	2 42 14	10°47'42	4♊ 8	29°16	7°57	17° 5	17°50	4°22	17°31	1°14	3°36	19°40	18°16	5°22	n.a.	S 19
M20	2 46 11	11°49'00	17°27	0♐34	9°13	17°35	17°R50	4°27	17°34	1°12	3°35	19°31	18°13	5°29	n.a.	M20
T 21	2 50 7	12°50'17	0♋57	1°49	10°28	18° 4	17°50	4°32	17°38	1°11	3°34	19°23	18°10	5°35	n.a.	T 21
W22	2 54 4	13°51'35	14°37	2°59	11°44	18°34	17°50	4°38	17°41	1° 9	3°33	19°17	18° 6	5°42	n.a.	W22
T 23	2 58 0	14°52'53	28°25	4° 4	12°59	19° 3	17°50	4°44	17°45	1° 7	3°32	19°13	18° 3	5°49	n.a.	T 23
F 24	3 1 57	15°54'10	12♌22	5° 4	14°15	19°33	17°49	4°49	17°48	1° 6	3°30	19°D12	18° 0	5°55	n.a.	F 24
S 25	3 5 54	16°55'28	26°25	5°57	15°30	20° 2	17°48	4°55	17°52	1° 4	3°29	19°12	17°57	6° 2	n.a.	S 25
S 26	3 9 50	17°56'45	10♍36	6°42	16°46	20°31	17°47	5° 1	17°56	1° 3	3°28	19°13	17°54	6° 9	n.a.	S 26
M27	3 13 47	18°58'01	24°52	7°20	18° 1	20°59	17°46	5° 7	17°59	1° 1	3°27	19°R13	17°50	6°15	n.a.	M27
T 28	3 17 43	19°59'18	9♎11	7°48	19°16	21°28	17°45	5°13	18° 3	0°59	3°26	19°11	17°47	6°22	n.a.	T 28
W29	3 21 40	21° 0'34	23°29	8° 6	20°32	21°56	17°43	5°19	18° 6	0°58	3°25	19° 7	17°44	6°29	n.a.	W29
T 30	3 25 36	22♏ 1'49	7♏43	8°R13	21♏47	22♌24	17♋41	5♑25	18♏10	0♊56	3♉24	19♍ 0	17♍41	6♓35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8 s53	3 s57	2n 8	14 s 1	1 s46	5 s22	0n50	20n31	1n52	23n44	0n57	24 s47	0 s53	17 s 1	0n 5	19n56	1 s 0	6n32	6 s59	3n46	4n21	9 s10		n.a.
T 2	9 17	8 24	3 16	14 38	1 50	5 54	0 48	20 23	1 53	23 44	0 57	24 47	0 53	17 2	0 5	19 56	1 0	6 32	6 59	3 47	4 22	9 8		n.a.
F 3	9 40	12 17	4 10	15 14	1 53	6 25	0 46	20 15	1 54	23 44	0 58	24 46	0 53	17 3	0 5	19 55	1 0	6 31	6 59	3 49	4 24	9 6		n.a.
S 4	10 2	15 22	4 48	15 50	1 57	6 56	0 44	20 7	1 55	23 43	0 58	24 46	0 53	17 4	0 5	19 55	1 0	6 31	6 59	3 51	4 25	9 5		n.a.
S 5	10 25	17 30	5 8	16 24	2 0	7 27	0 42	19 59	1 56	23 43	0 58	24 46	0 53	17 5	0 5	19 55	1 0	6 31	6 59	3 54	4 26	9 3		n.a.
M 6	10 48	18 38	5 11	16 58	2 3	7 58	0 40	19 51	1 57	23 43	0 58	24 46	0 53	17 6	0 5	19 54	1 0	6 30	6 59	3 56	4 27	9 2		n.a.
T 7	11 10	18 46	4 58	17 31	2 5	8 29	0 37	19 43	1 58	23 43	0 59	24 46	0 53	17 7	0 5	19 54	1 0	6 30	6 59	3 57	4 29	9 0		n.a.
W 8	11 32	17 59	4 32	18 2	2 7	8 59	0 35	19 35	1 59	23 43	0 59	24 46	0 53	17 8	0 5	19 54	1 0	6 29	6 59	3 58	4 30	8 58		n.a.
T 9	11 54	16 23	3 54	18 33	2 9	9 30	0 33	19 27	1 59	23 43	0 59	24 46	0 53	17 9	0 5	19 54	1 0	6 29	6 59	3 59	4 31	8 57		n.a.
F 10	12 16	14 6	3 6	19 2	2 10	10 0	0 31	19 19	2 0	23 43	1 0	24 46	0 53	17 10	0 5	19 53	1 0	6 29	6 59	3 58	4 32	8 55		n.a.
S 11	12 38	11 15	2 11	19 30	2 10	10 29	0 29	19 11	2 1	23 43	1 0	24 45	0 53	17 11	0 5	19 53	1 0	6 28	6 59	3 58	4 34	8 53		n.a.
S 12	12 59	7 56	1 10	19 56	2 10	10 59	0 26	19 3	2 2	23 43	1 0	24 45	0 53	17 12	0 5	19 53	1 0	6 28	6 59	3 57	4 35	8 52		n.a.
M13	13 20	4 18	0 6	20 21	2 10	11 28	0 24	18 55	2 3	23 43	1 1	24 45	0 53	17 13	0 5	19 52	1 0	6 28	6 59	3 57	4 36	8 50		n.a.
T 14	13 41	0 27	0 s58	20 45	2 9	11 57	0 22	18 46	2 4	23 43	1 1	24 45	0 53	17 14	0 5	19 52	1 0	6 27	6 58	3 57	4 38	8 48		n.a.
W15	14 2	3n28	2 1	21 6	2 7	12 26	0 20	18 38	2 5	23 43	1 1	24 45	0 53	17 15	0 5	19 52	1 0	6 27	6 58	3 58	4 39	8 47		n.a.
T 16	14 22	7 19	2 59	21 26	2 5	12 54	0 17	18 30	2 6	23 44	1 1	24 45	0 53	17 16	0 5	19 51	1 0	6 27	6 58	4 0	4 40	8 45		n.a.
F 17	14 42	10 54	3 50	21 44	2 1	13 22	0 15	18 21	2 7	23 44	1 2	24 45	0 53	17 17	0 5	19 51	1 0	6 26	6 58	4 3	4 41	8 43		n.a.
S 18	15 2	14 4	4 29	22 0	1 57	13 50	0 13	18 13	2 8	23 44	1 2	24 44	0 53	17 18	0 5	19 51	1 0	6 26	6 58	4 6	4 43	8 41		n.a.
S 19	15 22	16 34	4 55	22 14	1 52	14 17	0 10	18 5	2 9	23 44	1 2	24 44	0 53	17 19	0 5	19 50	1 0	6 25	6 58	4 10	4 44	8 40		n.a.
M20	15 41	18 14	5 6	22 25	1 47	14 44	0 8	17 56	2 10	23 45	1 3	24 44	0 53	17 20	0 5	19 50	1 0	6 25	6 58	4 14	4 45	8 38		n.a.
T 21	16 0	18 55	5 0	22 34	1 40	15 11	0 5	17 48	2 11	23 45	1 3	24 44	0 53	17 21	0 5	19 50	1 0	6 25	6 58	4 17	4 46	8 36		n.a.
W22	16 19	18 31	4 37	22 41	1 32	15 37	0 3	17 40	2 12	23 45	1 3	24 44	0 53	17 23	0 5	19 50	1 0	6 25	6 58	4 20	4 48	8 35		n.a.
T 23	16 38	17 1	3 58	22 45	1 23	16 2	0 1	17 31	2 13	23 46	1 3	24 43	0 53	17 24	0 5	19 49	1 0	6 24	6 58	4 21	4 49	8 33		n.a.
F 24	16 56	14 30	3 4	22 46	1 13	16 28	0 s 2	17 23	2 14	23 46	1 4	24 43	0 53	17 25	0 5	19 49	1 0	6 24	6 58	4 22	4 50	8 31		n.a.
S 25	17 14	11 6	1 59	22 44	1 1	16 53	0 4	17 14	2 15	23 46	1 4	24 43	0 53	17 26	0 5	19 49	1 0	6 24	6 58	4 22	4 51	8 30		n.a.
S 26	17 32	7 2	0 46	22 40	0 49	17 17	0 6	17 6	2 16	23 47	1 4	24 43	0 53	17 27	0 5	19 48	1 0	6 23	6 58	4 21	4 53	8 28		n.a.
M27	17 49	2 33	0n30	22 33	0 35	17 41	0 9	16 57	2 18	23 47	1 5	24 43	0 53	17 28	0 5	19 48	1 0	6 23	6 57	4 21	4 54	8 26		n.a.
T 28	18 6	2 s 7	1 45	22 23	0 20	18 5	0 11	16 49	2 19	23 48	1 5	24 42	0 53	17 29	0 5	19 47	1 0	6 23	6 57	4 22	4 55	8 25		n.a.
W29	18 22	6 38	2 52	22 10	0 3	18 28	0 13	16 41	2 20	23 48	1 5	24 42	0 53	17 30	0 5	19 47	1 0	6 22	6 57	4 24	4 57	8 23		n.a.
T 30	18 s39	10 s46	3n49	21 s54	0n14	18 s50	0 s16	16n32	2n21	23n49	1n 6	24 s42	0 s53	17 s31	0n 5	19n47	1 s 0	6n22	6 s57	4n26	4n58	8 s21		n.a.

Julian Day Number = 975521.5, Delta T = 13h20m07s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'34, Lahiri = -32°06'33 Julian Calendar 1 Nov. 2043 BCE == Greg. Calendar 15 Oct. 2043 BCE

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ASTRODIENST EPHEMERIS for the year 2043 BCE
geocentric

DECEMBER 2043 BCE (-2042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 29 33	23♏ 3'04	21♏46	8°R 9	23♏ 3	22♌52	17°R39	5♑31	18♏13	0°R54	3°R22	18°R50	17♍38	6♓42	n.a.	F 1
S 2	3 33 29	24° 4'18	5♐34	7♐54	24°18	23°20	17♋37	5°37	18°17	0♊53	3♉21	18♍39	17°35	6°48	n.a.	S 2
S 3	3 37 26	25° 5'31	19° 4	7°26	25°33	23°48	17°35	5°43	18°21	0°51	3°20	18°27	17°31	6°55	n.a.	S 3
M 4	3 41 23	26° 6'44	2♑12	6°48	26°49	24°15	17°32	5°50	18°24	0°49	3°19	18°16	17°28	7° 2	n.a.	M 4
T 5	3 45 19	27° 7'55	14°58	5°58	28° 4	24°42	17°30	5°56	18°28	0°47	3°18	18° 7	17°25	7° 8	n.a.	T 5
W 6	3 49 16	28° 9'05	27°24	5° 0	29°19	25° 9	17°27	6° 2	18°31	0°46	3°17	18° 0	17°22	7°15	n.a.	W 6
T 7	3 53 12	29°10'14	9♒33	3°53	0♐35	25°36	17°23	6° 9	18°35	0°44	3°16	17°55	17°19	7°22	n.a.	T 7
F 8	3 57 9	0♐11'22	21°30	2°42	1°50	26° 2	17°20	6°15	18°38	0°42	3°15	17°53	17°16	7°28	n.a.	F 8
S 9	4 1 5	1°12'29	3♓19	1°26	3° 5	26°28	17°17	6°22	18°42	0°41	3°14	17°D53	17°12	7°35	n.a.	S 9
S 10	4 5 2	2°13'34	15° 7	0°10	4°20	26°54	17°13	6°28	18°45	0°39	3°13	17°R53	17° 9	7°42	n.a.	S 10
M11	4 8 59	3°14'37	26°58	28♏54	5°35	27°20	17° 9	6°35	18°49	0°37	3°12	17°53	17° 6	7°48	n.a.	M11
T 12	4 12 55	4°15'40	8♈58	27°42	6°51	27°46	17° 5	6°41	18°52	0°36	3°11	17°51	17° 3	7°55	n.a.	T 12
W13	4 16 52	5°16'41	21°12	26°35	8° 6	28°11	17° 1	6°48	18°56	0°34	3°10	17°47	17° 0	8° 2	n.a.	W13
T 14	4 20 48	6°17'40	3♉43	25°34	9°21	28°36	16°57	6°55	18°59	0°32	3° 9	17°40	16°56	8° 8	n.a.	T 14
F 15	4 24 45	7°18'38	16°34	24°41	10°36	29° 1	16°52	7° 2	19° 3	0°31	3° 8	17°30	16°53	8°15	n.a.	F 15
S 16	4 28 41	8°19'35	29°44	23°56	11°51	29°25	16°48	7° 9	19° 6	0°29	3° 7	17°18	16°50	8°22	n.a.	S 16
S 17	4 32 38	9°20'31	13♊13	23°20	13° 6	29°49	16°43	7°15	19° 9	0°27	3° 6	17° 5	16°47	8°28	n.a.	S 17
M18	4 36 34	10°21'25	26°58	22°53	14°22	0♍13	16°38	7°22	19°13	0°26	3° 5	16°52	16°44	8°35	n.a.	M18
T 19	4 40 31	11°22'18	10♋55	22°34	15°37	0°37	16°33	7°29	19°16	0°24	3° 4	16°41	16°41	8°42	n.a.	T 19
W20	4 44 28	12°23'10	25° 0	22°23	16°52	1° 0	16°27	7°36	19°20	0°22	3° 3	16°32	16°37	8°48	n.a.	W20
T 21	4 48 24	13°24'00	9♌ 8	22°D21	18° 7	1°23	16°22	7°43	19°23	0°21	3° 2	16°26	16°34	8°55	n.a.	T 21
F 22	4 52 21	14°24'50	23°17	22°25	19°22	1°46	16°16	7°50	19°26	0°19	3° 1	16°23	16°31	9° 1	n.a.	F 22
S 23	4 56 17	15°25'38	7♍25	22°37	20°37	2° 9	16°10	7°57	19°30	0°17	3° 0	16°22	16°28	9° 8	n.a.	S 23
S 24	5 0 14	16°26'24	21°29	22°55	21°52	2°31	16° 5	8° 4	19°33	0°16	3° 0	16°22	16°25	9°15	n.a.	S 24
M25	5 4 10	17°27'10	5♎30	23°19	23° 7	2°53	15°59	8°12	19°36	0°14	2°59	16°21	16°21	9°21	n.a.	M25
T 26	5 8 7	18°27'54	19°28	23°49	24°22	3°14	15°52	8°19	19°39	0°12	2°58	16°19	16°18	9°28	n.a.	T 26
W27	5 12 4	19°28'37	3♏21	24°24	25°37	3°35	15°46	8°26	19°43	0°11	2°57	16°14	16°15	9°35	n.a.	W27
T 28	5 16 0	20°29'19	17° 7	25° 3	26°52	3°56	15°40	8°33	19°46	0° 9	2°56	16° 5	16°12	9°41	n.a.	T 28
F 29	5 19 57	21°29'59	0♐44	25°47	28° 7	4°16	15°33	8°40	19°49	0° 8	2°56	15°54	16° 9	9°48	n.a.	F 29
S 30	5 23 53	22°30'37	14° 9	26°34	29°22	4°36	15°27	8°48	19°52	0° 6	2°55	15°42	16° 6	9°55	n.a.	S 30
S 31	5 27 50	23♐31'14	27♐20	27♏25	0♑37	4♍56	15♋20	8♑55	19♏55	0♊ 5	2♉54	15♍28	16♍ 2	10♓ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s55	14s14	4n30	21s35	0n32	19s12	0s18	16n24	2n22	23n49	1n 6	24s42	0s53	17s32	0n 5	19n46	1s 0	6n22	6s57	4n30	4n59	8s20		n.a.
S 2	19 10	16 50	4 55	21 14	0 51	19 33	0 20	16 16	2 23	23 50	1 6	24 41	0 53	17 33	0 5	19 46	1 0	6 21	6 57	4 35	5 0	8 18		n.a.
S 3	19 26	18 26	5 3	20 50	1 10	19 54	0 23	16 7	2 24	23 50	1 6	24 41	0 53	17 34	0 5	19 46	1 0	6 21	6 57	4 39	5 2	8 16		n.a.
M 4	19 40	19 0	4 54	20 24	1 30	20 15	0 25	15 59	2 25	23 51	1 7	24 41	0 53	17 35	0 5	19 45	1 0	6 21	6 57	4 44	5 3	8 14		n.a.
T 5	19 55	18 35	4 31	19 57	1 49	20 34	0 27	15 51	2 26	23 52	1 7	24 41	0 53	17 36	0 5	19 45	1 0	6 21	6 57	4 48	5 4	8 13		n.a.
W 6	20 9	17 16	3 55	19 28	2 8	20 53	0 29	15 43	2 27	23 52	1 7	24 40	0 53	17 37	0 5	19 45	1 0	6 20	6 57	4 50	5 5	8 11		n.a.
T 7	20 23	15 11	3 9	18 59	2 26	21 12	0 31	15 34	2 29	23 53	1 8	24 40	0 53	17 38	0 5	19 44	1 0	6 20	6 56	4 52	5 7	8 9		n.a.
F 8	20 36	12 29	2 16	18 29	2 42	21 30	0 34	15 26	2 30	23 54	1 8	24 40	0 53	17 39	0 5	19 44	1 0	6 20	6 56	4 53	5 8	8 8		n.a.
S 9	20 49	9 18	1 17	18 0	2 56	21 47	0 36	15 18	2 31	23 55	1 8	24 40	0 53	17 40	0 5	19 44	1 0	6 20	6 56	4 53	5 9	8 6		n.a.
S 10	21 2	5 45	0 15	17 32	3 8	22 4	0 38	15 10	2 32	23 55	1 8	24 39	0 53	17 41	0 5	19 43	1 0	6 19	6 56	4 53	5 10	8 4		n.a.
M11	21 14	1 58	0s48	17 6	3 18	22 20	0 40	15 2	2 33	23 56	1 9	24 39	0 54	17 42	0 5	19 43	1 0	6 19	6 56	4 53	5 12	8 2		n.a.
T 12	21 26	1n57	1 50	16 43	3 26	22 35	0 42	14 54	2 34	23 57	1 9	24 39	0 54	17 43	0 5	19 43	1 0	6 19	6 56	4 54	5 13	8 1		n.a.
W13	21 37	5 52	2 47	16 22	3 31	22 50	0 44	14 46	2 36	23 58	1 9	24 38	0 54	17 44	0 5	19 42	1 0	6 19	6 56	4 55	5 14	7 59		n.a.
T 14	21 48	9 36	3 38	16 5	3 34	23 4	0 46	14 39	2 37	23 59	1 10	24 38	0 54	17 45	0 5	19 42	1 0	6 19	6 56	4 58	5 15	7 57		n.a.
F 15	21 58	13 0	4 19	15 52	3 35	23 17	0 48	14 31	2 38	23 59	1 10	24 38	0 54	17 46	0 5	19 42	1 0	6 18	6 55	5 2	5 17	7 56		n.a.
S 16	22 8	15 50	4 47	15 42	3 33	23 30	0 50	14 23	2 39	24 0	1 10	24 37	0 54	17 47	0 5	19 41	1 0	6 18	6 55	5 7	5 18	7 54		n.a.
S 17	22 18	17 53	5 0	15 36	3 30	23 42	0 52	14 16	2 40	24 1	1 10	24 37	0 54	17 48	0 5	19 41	1 0	6 18	6 55	5 12	5 19	7 52		n.a.
M18	22 27	18 58	4 56	15 33	3 26	23 53	0 54	14 8	2 42	24 2	1 11	24 37	0 54	17 49	0 5	19 41	1 0	6 18	6 55	5 17	5 21	7 50		n.a.
T 19	22 36	18 54	4 34	15 33	3 20	24 3	0 56	14 1	2 43	24 3	1 11	24 36	0 54	17 50	0 5	19 40	1 0	6 18	6 55	5 22	5 22	7 49		n.a.
W20	22 44	17 42	3 56	15 37	3 14	24 13	0 58	13 53	2 44	24 4	1 11	24 36	0 54	17 50	0 5	19 40	1 0	6 17	6 55	5 25	5 23	7 47		n.a.
T 21	22 52	15 23	3 3	15 44	3 6	24 22	0 59	13 46	2 45	24 5	1 11	24 35	0 54	17 51	0 5	19 40	1 0	6 17	6 55	5 28	5 24	7 45		n.a.
F 22	23 0	12 10	1 59	15 53	2 58	24 30	1 1	13 39	2 47	24 6	1 12	24 35	0 54	17 52	0 5	19 39	1 0	6 17	6 54	5 29	5 26	7 44		n.a.
S 23	23 7	8 14	0 47	16 5	2 49	24 38	1 3	13 32	2 48	24 7	1 12	24 35	0 54	17 53	0 5	19 39	1 0	6 17	6 54	5 29	5 27	7 42		n.a.
S 24	23 13	3 51	0n27	16 19	2 40	24 44	1 4	13 25	2 49	24 8	1 12	24 34	0 54	17 54	0 5	19 39	1 0	6 17	6 54	5 29	5 28	7 40		n.a.
M25	23 19	0s43	1 39	16 34	2 30	24 50	1 6	13 18	2 51	24 9	1 12	24 34	0 54	17 55	0 5	19 38	1 0	6 17	6 54	5 29	5 29	7 38		n.a.
T 26	23 25	5 13	2 45	16 51	2 20	24 55	1 7	13 11	2 52	24 10	1 13	24 34	0 54	17 56	0 5	19 38	1 0	6 17	6 54	5 30	5 31	7 37		n.a.
W27	23 30	9 25	3 41	17 9	2 10	25 0	1 9	13 4	2 53	24 11	1 13	24 33	0 54	17 57	0 5	19 38	1 0	6 17	6 54	5 32	5 32	7 35		n.a.
T 28	23 35	13 5	4 23	17 29	2 0	25 4	1 10	12 58	2 54	24 12	1 13	24 33	0 54	17 58	0 4	19 37	1 0	6 16	6 53	5 36	5 33	7 33		n.a.
F 29	23 39	15 59	4 50	17 49	1 49	25 6	1 12	12 51	2 56	24 13	1 13	24 32	0 54	17 59	0 4	19 37	1 0	6 16	6 53	5 40	5 34	7 31		n.a.
S 30	23 43	18 0	5 0	18 11	1 39	25 8	1 13	12 45	2 57	24 14	1 13	24 32	0 54	18 0	0 4	19 37	1 0	6 16	6 53	5 45	5 36	7 30		n.a.
S 31	23s46	19s 0	4n54	18s33	1n29	25s10	1s14	12n39	2n58	24n15	1n14	24s31	0s54	18s 0	0n 4	19n36	1s 0	6n16	6s53	5n50	5n37	7s28		n.a.

Julian Day Number = 975551.5, Delta T = 13h20m05s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'29, Lahiri = -32°06'29 Julian Calendar 1 Dec. 2043 BCE == Greg. Calendar 14 Nov. 2043 BCE

The year -2042 astronomical counting style corresponds to year 2043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

JANUARY 2042 BCE (-2041) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 31 46	24♐31'49	10♑15	28♏19	1♑52	5♍15	15°R13	9♑ 2	19♏58	0°R 3	2°R53	15°R15	15♍59	10♓ 8	n.a.	M 1
T 2	5 35 43	25°32'23	22°53	29°17	3° 7	5°34	15♋ 6	9° 9	20° 2	0♊ 2	2♉53	15♍ 4	15°56	10°15	n.a.	T 2
W 3	5 39 39	26°32'54	5♒14	0♐17	4°21	5°53	14°59	9°17	20° 5	0° 0	2°52	14°55	15°53	10°21	n.a.	W 3
T 4	5 43 36	27°33'23	17°21	1°19	5°36	6°11	14°52	9°24	20° 8	29♉59	2°51	14°49	15°50	10°28	n.a.	T 4
F 5	5 47 33	28°33'51	29°17	2°25	6°51	6°29	14°45	9°31	20°11	29°57	2°51	14°46	15°47	10°35	n.a.	F 5
S 6	5 51 29	29°34'16	11♓ 6	3°32	8° 6	6°46	14°37	9°39	20°14	29°56	2°50	14°D45	15°43	10°41	n.a.	S 6
S 7	5 55 26	0♑34'39	22°53	4°41	9°21	7° 3	14°30	9°46	20°17	29°54	2°50	14°45	15°40	10°48	n.a.	S 7
M 8	5 59 22	1°34'59	4♈44	5°52	10°35	7°19	14°22	9°54	20°19	29°53	2°49	14°R45	15°37	10°54	n.a.	M 8
T 9	6 3 19	2°35'18	16°44	7° 5	11°50	7°35	14°15	10° 1	20°22	29°52	2°49	14°44	15°34	11° 1	n.a.	T 9
W10	6 7 15	3°35'34	28°59	8°20	13° 5	7°50	14° 7	10° 8	20°25	29°50	2°48	14°41	15°31	11° 8	n.a.	W10
T 11	6 11 12	4°35'49	11♉33	9°37	14°20	8° 5	14° 0	10°16	20°28	29°49	2°48	14°36	15°27	11°14	n.a.	T 11
F 12	6 15 8	5°36'01	24°29	10°55	15°34	8°20	13°52	10°23	20°31	29°48	2°47	14°28	15°24	11°21	n.a.	F 12
S 13	6 19 5	6°36'11	7♊50	12°14	16°49	8°34	13°44	10°31	20°34	29°46	2°47	14°18	15°21	11°28	n.a.	S 13
S 14	6 23 2	7°36'18	21°35	13°35	18° 4	8°47	13°37	10°38	20°36	29°45	2°46	14° 7	15°18	11°34	n.a.	S 14
M15	6 26 58	8°36'24	5♋41	14°58	19°18	9° 0	13°29	10°46	20°39	29°44	2°46	13°56	15°15	11°41	n.a.	M15
T 16	6 30 55	9°36'28	20° 3	16°21	20°33	9°12	13°21	10°53	20°42	29°43	2°45	13°47	15°12	11°48	n.a.	T 16
W17	6 34 51	10°36'29	4♌35	17°46	21°48	9°24	13°13	11° 1	20°44	29°41	2°45	13°39	15° 8	11°54	n.a.	W17
T 18	6 38 48	11°36'29	19°10	19°13	23° 2	9°36	13° 5	11° 8	20°47	29°40	2°45	13°34	15° 5	12° 1	n.a.	T 18
F 19	6 42 44	12°36'26	3♍42	20°40	24°17	9°46	12°57	11°16	20°49	29°39	2°44	13°32	15° 2	12° 8	n.a.	F 19
S 20	6 46 41	13°36'22	18° 6	22° 9	25°31	9°57	12°50	11°23	20°52	29°38	2°44	13°D32	14°59	12°14	n.a.	S 20
S 21	6 50 37	14°36'16	2♎20	23°39	26°46	10° 6	12°42	11°30	20°54	29°37	2°44	13°32	14°56	12°21	n.a.	S 21
M22	6 54 34	15°36'08	16°22	25°10	28° 0	10°15	12°34	11°38	20°57	29°36	2°43	13°R33	14°53	12°28	n.a.	M22
T 23	6 58 30	16°35'58	0♏12	26°43	29°15	10°24	12°26	11°45	20°59	29°35	2°43	13°32	14°49	12°34	n.a.	T 23
W24	7 2 27	17°35'47	13°49	28°16	0♒29	10°32	12°18	11°53	21° 1	29°34	2°43	13°29	14°46	12°41	n.a.	W24
T 25	7 6 24	18°35'33	27°15	29°51	1°43	10°39	12°11	12° 0	21° 4	29°33	2°43	13°23	14°43	12°47	n.a.	T 25
F 26	7 10 20	19°35'18	10♐28	1♑27	2°58	10°45	12° 3	12° 8	21° 6	29°32	2°43	13°16	14°40	12°54	n.a.	F 26
S 27	7 14 17	20°35'01	23°29	3° 4	4°12	10°51	11°55	12°15	21° 8	29°31	2°43	13° 7	14°37	13° 1	n.a.	S 27
S 28	7 18 13	21°34'41	6♑18	4°42	5°27	10°56	11°47	12°23	21°10	29°30	2°42	12°57	14°33	13° 7	n.a.	S 28
M29	7 22 10	22°34'20	18°53	6°22	6°41	11° 1	11°40	12°30	21°13	29°29	2°42	12°48	14°30	13°14	n.a.	M29
T 30	7 26 6	23°33'56	1♒17	8° 2	7°55	11° 5	11°32	12°37	21°15	29°28	2°42	12°40	14°27	13°21	n.a.	T 30
W31	7 30 3	24♑33'30	13♒28	9♑44	9♒10	11♍ 8	11♋25	12♑45	21♏17	29♉27	2♉42	12♍34	14♍24	13♓27	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s49	18s59	4n33	18s55	1n19	25s10	1s15	12n33	3n 0	24n16	1n14	24s31	0s54	18s 1	0n 4	19n36	1s 0	6n16	6s53	5n56	5n38	7s26			n.a.
T 2	23 51	18 1	3 58	19 17	1 9	25 10	1 17	12 27	3 1	24 17	1 14	24 30	0 54	18 2	0 4	19 36	1 0	6 16	6 53	6 0	5 39	7 24			n.a.
W 3	23 53	16 13	3 13	19 40	0 59	25 9	1 18	12 21	3 2	24 18	1 14	24 30	0 54	18 3	0 4	19 36	1 0	6 16	6 52	6 3	5 41	7 23			n.a.
T 4	23 54	13 44	2 20	20 3	0 49	25 7	1 19	12 16	3 4	24 19	1 15	24 29	0 55	18 4	0 4	19 35	1 0	6 16	6 52	6 6	5 42	7 21			n.a.
F 5	23 55	10 41	1 21	20 25	0 39	25 4	1 20	12 10	3 5	24 20	1 15	24 29	0 55	18 5	0 4	19 35	1 0	6 16	6 52	6 7	5 43	7 19			n.a.
S 6	23 55	7 15	0 19	20 48	0 30	25 1	1 21	12 5	3 6	24 21	1 15	24 29	0 55	18 5	0 4	19 35	1 0	6 16	6 52	6 7	5 44	7 17			n.a.
S 7	23 55	3 32	0s43	21 10	0 21	24 57	1 22	12 0	3 8	24 22	1 15	24 28	0 55	18 6	0 4	19 34	0 59	6 16	6 52	6 7	5 46	7 16			n.a.
M 8	23 55	0n20	1 44	21 32	0 11	24 52	1 22	11 55	3 9	24 23	1 15	24 28	0 55	18 7	0 4	19 34	0 59	6 16	6 51	6 7	5 47	7 14			n.a.
T 9	23 54	4 14	2 42	21 54	0 3	24 46	1 23	11 50	3 11	24 24	1 15	24 27	0 55	18 8	0 4	19 34	0 59	6 16	6 51	6 8	5 48	7 12			n.a.
W10	23 53	8 2	3 33	22 15	0s 6	24 40	1 24	11 45	3 12	24 25	1 16	24 26	0 55	18 9	0 4	19 34	0 59	6 16	6 51	6 9	5 49	7 10			n.a.
T 11	23 51	11 34	4 15	22 35	0 14	24 32	1 25	11 41	3 13	24 26	1 16	24 26	0 55	18 9	0 4	19 33	0 59	6 16	6 51	6 11	5 51	7 9			n.a.
F 12	23 48	14 40	4 45	22 55	0 23	24 24	1 25	11 37	3 15	24 27	1 16	24 25	0 55	18 10	0 4	19 33	0 59	6 16	6 51	6 14	5 52	7 7			n.a.
S 13	23 45	17 6	5 1	23 13	0 31	24 16	1 26	11 33	3 16	24 28	1 16	24 25	0 55	18 11	0 4	19 33	0 59	6 16	6 50	6 18	5 53	7 5			n.a.
S 14	23 42	18 39	5 1	23 32	0 38	24 6	1 26	11 29	3 17	24 29	1 16	24 24	0 55	18 12	0 4	19 33	0 59	6 16	6 50	6 22	5 54	7 3			n.a.
M15	23 38	19 6	4 42	23 49	0 46	23 56	1 27	11 25	3 19	24 30	1 16	24 24	0 55	18 12	0 4	19 32	0 59	6 16	6 50	6 27	5 56	7 2			n.a.
T 16	23 34	18 21	4 5	24 5	0 53	23 45	1 27	11 21	3 20	24 31	1 16	24 23	0 55	18 13	0 4	19 32	0 59	6 16	6 50	6 30	5 57	7 0			n.a.
W17	23 29	16 24	3 12	24 20	1 0	23 33	1 27	11 18	3 22	24 31	1 17	24 23	0 55	18 14	0 4	19 32	0 59	6 16	6 50	6 33	5 58	6 58			n.a.
T 18	23 24	13 23	2 6	24 34	1 6	23 21	1 27	11 15	3 23	24 32	1 17	24 22	0 55	18 15	0 4	19 32	0 59	6 16	6 50	6 35	5 59	6 56			n.a.
F 19	23 19	9 32	0 52	24 47	1 12	23 8	1 27	11 12	3 24	24 33	1 17	24 22	0 56	18 15	0 4	19 31	0 59	6 16	6 49	6 36	6 1	6 55			n.a.
S 20	23 13	5 10	0n25	24 59	1 18	22 54	1 28	11 9	3 26	24 34	1 17	24 21	0 56	18 16	0 4	19 31	0 59	6 16	6 49	6 36	6 2	6 53			n.a.
S 21	23 6	0 34	1 39	25 10	1 24	22 40	1 28	11 7	3 27	24 35	1 17	24 20	0 56	18 17	0 4	19 31	0 59	6 16	6 49	6 36	6 3	6 51			n.a.
M22	23 0	4s 1	2 47	25 19	1 29	22 25	1 27	11 5	3 29	24 36	1 17	24 20	0 56	18 17	0 4	19 31	0 59	6 16	6 49	6 36	6 4	6 49			n.a.
T 23	22 52	8 18	3 43	25 27	1 34	22 9	1 27	11 3	3 30	24 37	1 17	24 19	0 56	18 18	0 4	19 31	0 59	6 17	6 49	6 36	6 6	6 47			n.a.
W24	22 44	12 5	4 26	25 34	1 39	21 52	1 27	11 1	3 31	24 38	1 17	24 19	0 56	18 19	0 4	19 30	0 59	6 17	6 48	6 37	6 7	6 46			n.a.
T 25	22 36	15 10	4 54	25 38	1 43	21 35	1 27	10 59	3 33	24 38	1 17	24 18	0 56	18 19	0 4	19 30	0 59	6 17	6 48	6 39	6 8	6 44			n.a.
F 26	22 28	17 26	5 6	25 42	1 47	21 18	1 27	10 58	3 34	24 39	1 18	24 17	0 56	18 20	0 4	19 30	0 59	6 17	6 48	6 42	6 9	6 42			n.a.
S 27	22 19	18 45	5 1	25 44	1 50	20 59	1 26	10 57	3 35	24 40	1 18	24 17	0 56	18 20	0 4	19 30	0 59	6 17	6 48	6 46	6 11	6 40			n.a.
S 28	22 9	19 5	4 41	25 44	1 53	20 41	1 26	10 56	3 37	24 41	1 18	24 16	0 56	18 21	0 4	19 30	0 59	6 17	6 48	6 50	6 12	6 39			n.a.
M29	22 0	18 28	4 8	25 42	1 56	20 21	1 25	10 56	3 38	24 42	1 18	24 16	0 56	18 22	0 4	19 30	0 59	6 17	6 47	6 53	6 13	6 37			n.a.
T 30	21 49	16 58	3 24	25 39	1 59	20 1	1 25	10 55	3 39	24 42	1 18	24 15	0 56	18 22	0 4	19 29	0 59	6 18	6 47	6 57	6 14	6 35			n.a.
W31	21s39	14s43	2n30	25s34	2s 0	19s41	1s24	10n55	3n40	24n43	1n18	24s14	0s57	18s23	0n 4	19n29	0s59	6n18	6s47	6n59	6n16	6s33			n.a.

Julian Day Number = 975582.5, Delta T = 13h20m03s
Ecliptic obliquity = 23°55'33, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'25, Lahiri = -32°06'25 Julian Calendar 1 Jan. 2042 BCE == Greg. Calendar 15 Dec. 2043 BCE

The year -2041 astronomical counting style corresponds to year 2042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

FEBRUARY 2042 BCE (-2041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 33 59	25♉33'02	25♒29	11♉28	10♒24	11♍10	11°R17	12♉52	21♏19	29°R26	2°R42	12°R30	14♍21	13♓34	n.a.	T 1
F 2	7 37 56	26°32'31	7♓21	13°12	11°38	11°12	11♋10	12°59	21°21	29♉26	2°D42	12°D28	14°18	13°41	n.a.	F 2
S 3	7 41 53	27°31'58	19° 9	14°58	12°52	11°13	11° 3	13° 7	21°23	29°25	2♉42	12♍28	14°14	13°47	n.a.	S 3
S 4	7 45 49	28°31'22	0♈56	16°44	14° 6	11°R13	10°55	13°14	21°25	29°24	2°42	12°29	14°11	13°54	n.a.	S 4
M 5	7 49 46	29°30'44	12°46	18°33	15°21	11°12	10°48	13°21	21°27	29°23	2°42	12°31	14° 8	14° 1	n.a.	M 5
T 6	7 53 42	0♒30'04	24°45	20°22	16°35	11°11	10°41	13°29	21°28	29°23	2°42	12°R32	14° 5	14° 7	n.a.	T 6
W 7	7 57 39	1°29'21	6♉58	22°13	17°49	11° 9	10°34	13°36	21°30	29°22	2°42	12°32	14° 2	14°14	n.a.	W 7
T 8	8 1 35	2°28'36	19°30	24° 5	19° 3	11° 6	10°27	13°43	21°32	29°22	2°43	12°30	13°59	14°20	n.a.	T 8
F 9	8 5 32	3°27'48	2♊25	25°58	20°17	11° 3	10°21	13°50	21°33	29°21	2°43	12°27	13°55	14°27	n.a.	F 9
S 10	8 9 28	4°26'57	15°46	27°53	21°31	10°59	10°14	13°57	21°35	29°21	2°43	12°23	13°52	14°34	n.a.	S 10
S 11	8 13 25	5°26'05	29°34	29°49	22°45	10°54	10° 7	14° 4	21°37	29°20	2°43	12°17	13°49	14°40	n.a.	S 11
M12	8 17 21	6°25'10	13♋48	1♒46	23°59	10°48	10° 1	14°12	21°38	29°20	2°43	12°11	13°46	14°47	n.a.	M12
T 13	8 21 18	7°24'12	28°23	3°44	25°13	10°41	9°55	14°19	21°40	29°19	2°44	12° 6	13°43	14°54	n.a.	T 13
W14	8 25 15	8°23'12	13♌14	5°44	26°27	10°34	9°49	14°26	21°41	29°19	2°44	12° 2	13°39	15° 0	n.a.	W14
T 15	8 29 11	9°22'10	28°12	7°44	27°40	10°26	9°43	14°33	21°43	29°18	2°44	12° 0	13°36	15° 7	n.a.	T 15
F 16	8 33 8	10°21'06	13♍ 9	9°46	28°54	10°17	9°37	14°40	21°44	29°18	2°44	11°D59	13°33	15°14	n.a.	F 16
S 17	8 37 4	11°20'00	27°56	11°48	0♓ 8	10° 7	9°31	14°47	21°45	29°18	2°45	12° 0	13°30	15°20	n.a.	S 17
S 18	8 41 1	12°18'52	12♎29	13°52	1°22	9°57	9°25	14°54	21°46	29°17	2°45	12° 2	13°27	15°27	n.a.	S 18
M19	8 44 57	13°17'42	26°44	15°56	2°35	9°46	9°20	15° 1	21°48	29°17	2°45	12° 3	13°24	15°34	n.a.	M19
T 20	8 48 54	14°16'30	10♏39	18° 0	3°49	9°34	9°14	15° 7	21°49	29°17	2°46	12°R 4	13°20	15°40	n.a.	T 20
W21	8 52 50	15°15'16	24°14	20° 5	5° 3	9°21	9° 9	15°14	21°50	29°17	2°46	12° 3	13°17	15°47	n.a.	W21
T 22	8 56 47	16°14'01	7♐30	22°10	6°16	9° 8	9° 4	15°21	21°51	29°17	2°47	12° 2	13°14	15°54	n.a.	T 22
F 23	9 0 43	17°12'43	20°28	24°14	7°30	8°54	8°59	15°28	21°52	29°17	2°47	11°59	13°11	16° 0	n.a.	F 23
S 24	9 4 40	18°11'24	3♑12	26°18	8°44	8°39	8°54	15°35	21°53	29°17	2°48	11°56	13° 8	16° 7	n.a.	S 24
S 25	9 8 36	19°10'03	15°42	28°21	9°57	8°24	8°50	15°41	21°54	29°16	2°48	11°52	13° 5	16°13	n.a.	S 25
M26	9 12 33	20° 8'40	28° 0	0♓23	11°11	8° 8	8°45	15°48	21°55	29°D16	2°49	11°49	13° 1	16°20	n.a.	M26
T 27	9 16 30	21° 7'15	10♒ 8	2°23	12°24	7°51	8°41	15°54	21°55	29°16	2°49	11°46	12°58	16°27	n.a.	T 27
W28	9 20 26	22♒ 5'47	22♒ 8	4♓22	13♓38	7♍34	8♋37	16♉ 1	21♏56	29♉17	2♉50	11♍44	12♍55	16♓33	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s28	11 s52	1n31	25 s27	2 s 2	19 s20	1 s23	10n56	3n42	24n44	1n18	24 s14	0 s57	18 s23	0n 4	19n29	0 s59	6n18	6 s47	7n 0	6n17	6 s31		n.a.
F 2	21 16	8 33	0 28	25 18	2 3	18 58	1 23	10 56	3 43	24 44	1 18	24 13	0 57	18 24	0 4	19 29	0 59	6 18	6 46	7 1	6 18	6 30		n.a.
S 3	21 5	4 56	0 s36	25 7	2 4	18 36	1 22	10 57	3 44	24 45	1 18	24 12	0 57	18 24	0 4	19 29	0 59	6 18	6 46	7 1	6 19	6 28		n.a.
S 4	20 52	1 8	1 39	24 54	2 4	18 13	1 21	10 58	3 45	24 46	1 18	24 12	0 57	18 25	0 4	19 29	0 58	6 18	6 46	7 1	6 21	6 26		n.a.
M 5	20 40	2n44	2 37	24 39	2 3	17 50	1 20	10 59	3 46	24 46	1 18	24 11	0 57	18 25	0 4	19 29	0 58	6 19	6 46	7 0	6 22	6 24		n.a.
T 6	20 27	6 32	3 30	24 22	2 2	17 26	1 19	11 0	3 47	24 47	1 18	24 10	0 57	18 26	0 4	19 29	0 58	6 19	6 46	7 0	6 23	6 22		n.a.
W 7	20 14	10 8	4 14	24 3	2 1	17 2	1 18	11 2	3 48	24 48	1 18	24 10	0 57	18 26	0 4	19 29	0 58	6 19	6 45	7 0	6 24	6 21		n.a.
T 8	20 0	13 22	4 47	23 41	1 59	16 38	1 17	11 4	3 50	24 48	1 18	24 9	0 57	18 27	0 4	19 28	0 58	6 19	6 45	7 0	6 26	6 19		n.a.
F 9	19 46	16 3	5 7	23 18	1 57	16 13	1 15	11 7	3 51	24 49	1 18	24 9	0 57	18 27	0 4	19 28	0 58	6 20	6 45	7 1	6 27	6 17		n.a.
S 10	19 32	18 0	5 11	22 52	1 54	15 47	1 14	11 9	3 51	24 49	1 18	24 8	0 58	18 28	0 4	19 28	0 58	6 20	6 45	7 3	6 28	6 15		n.a.
S 11	19 18	18 58	4 57	22 24	1 50	15 21	1 13	11 12	3 52	24 50	1 18	24 7	0 58	18 28	0 4	19 28	0 58	6 20	6 45	7 5	6 29	6 13		n.a.
M12	19 3	18 47	4 26	21 54	1 46	14 55	1 11	11 15	3 53	24 50	1 18	24 7	0 58	18 28	0 4	19 28	0 58	6 20	6 44	7 8	6 31	6 12		n.a.
T 13	18 48	17 23	3 36	21 21	1 42	14 28	1 10	11 18	3 54	24 51	1 18	24 6	0 58	18 29	0 4	19 28	0 58	6 21	6 44	7 10	6 32	6 10		n.a.
W14	18 32	14 47	2 31	20 47	1 36	14 1	1 8	11 22	3 55	24 51	1 18	24 5	0 58	18 29	0 4	19 28	0 58	6 21	6 44	7 11	6 33	6 8		n.a.
T 15	18 16	11 10	1 15	20 10	1 30	13 34	1 7	11 26	3 56	24 52	1 18	24 5	0 58	18 30	0 4	19 28	0 58	6 21	6 44	7 12	6 34	6 6		n.a.
F 16	18 0	6 51	0n 6	19 31	1 24	13 6	1 5	11 30	3 56	24 52	1 18	24 4	0 58	18 30	0 4	19 28	0 58	6 22	6 44	7 12	6 36	6 4		n.a.
S 17	17 44	2 9	1 26	18 50	1 17	12 38	1 4	11 34	3 57	24 52	1 18	24 3	0 58	18 30	0 4	19 28	0 58	6 22	6 43	7 12	6 37	6 3		n.a.
S 18	17 27	2 s35	2 40	18 7	1 9	12 10	1 2	11 38	3 57	24 53	1 18	24 3	0 58	18 31	0 4	19 28	0 58	6 22	6 43	7 11	6 38	6 1		n.a.
M19	17 10	7 5	3 41	17 21	1 1	11 41	1 0	11 43	3 58	24 53	1 18	24 2	0 59	18 31	0 4	19 28	0 58	6 22	6 43	7 11	6 39	5 59		n.a.
T 20	16 53	11 4	4 29	16 35	0 53	11 12	0 58	11 48	3 58	24 53	1 18	24 1	0 59	18 31	0 4	19 28	0 58	6 23	6 43	7 11	6 41	5 57		n.a.
W21	16 35	14 23	4 59	15 46	0 43	10 43	0 56	11 53	3 58	24 54	1 18	24 1	0 59	18 32	0 4	19 28	0 58	6 23	6 43	7 11	6 42	5 55		n.a.
T 22	16 17	16 51	5 13	14 56	0 34	10 14	0 54	11 59	3 59	24 54	1 18	24 0	0 59	18 32	0 4	19 28	0 58	6 23	6 42	7 11	6 43	5 54		n.a.
F 23	15 59	18 24	5 11	14 5	0 23	9 44	0 52	12 4	3 59	24 54	1 18	23 59	0 59	18 32	0 4	19 28	0 58	6 24	6 42	7 12	6 44	5 52		n.a.
S 24	15 41	19 0	4 53	13 12	0 13	9 14	0 50	12 10	3 59	24 55	1 18	23 58	0 59	18 32	0 4	19 28	0 58	6 24	6 42	7 14	6 46	5 50		n.a.
S 25	15 23	18 39	4 22	12 19	0 2	8 44	0 48	12 16	3 59	24 55	1 18	23 58	0 59	18 33	0 4	19 28	0 58	6 24	6 42	7 15	6 47	5 48		n.a.
M26	15 4	17 25	3 38	11 25	0n 9	8 13	0 46	12 22	3 59	24 55	1 17	23 57	0 59	18 33	0 4	19 28	0 58	6 25	6 42	7 16	6 48	5 46		n.a.
T 27	14 45	15 24	2 46	10 31	0 21	7 43	0 44	12 28	3 59	24 55	1 17	23 56	1 0	18 33	0 4	19 28	0 57	6 25	6 41	7 18	6 49	5 44		n.a.
W28	14 s26	12 s45	1n46	9 s36	0n32	7 s12	0 s42	12n34	3n58	24n56	1n17	23 s56	1 s 0	18 s33	0n 4	19n28	0 s57	6n26	6 s41	7n18	6n51	5 s43		n.a.

Julian Day Number = 975613.5, Delta T = 13h20m01s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'21, Lahiri = -32°06'21 Julian Calendar 1 Feb. 2042 BCE == Greg. Calendar 15 Jan. 2042 BCE

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

MARCH 2042 BCE (-2041) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 24 23	23♒ 4'18	4♓ 2	6♓18	14♓51	7°R16	8°R33	16♉ 7	21♏57	29♉17	2♉50	11°R42	12♍52	16♓40	n.a.	T 1
F 2	9 28 19	24° 2'46	15°50	8°12	16° 4	6♍58	8♋29	16°14	21°57	29°17	2°51	11°D42	12°49	16°47	n.a.	F 2
S 3	9 32 16	25° 1'13	27°37	10° 3	17°18	6°39	8°26	16°20	21°58	29°17	2°52	11♍43	12°45	16°53	n.a.	S 3
S 4	9 36 12	25°59'37	9♈25	11°51	18°31	6°19	8°22	16°27	21°59	29°17	2°52	11°44	12°42	17° 0	n.a.	S 4
M 5	9 40 9	26°57'59	21°17	13°35	19°44	6° 0	8°19	16°33	21°59	29°17	2°53	11°46	12°39	17° 7	n.a.	M 5
T 6	9 44 5	27°56'18	3♉17	15°15	20°57	5°39	8°16	16°39	22° 0	29°18	2°54	11°47	12°36	17°13	n.a.	T 6
W 7	9 48 2	28°54'36	15°30	16°52	22°11	5°19	8°13	16°45	22° 0	29°18	2°54	11°48	12°33	17°20	n.a.	W 7
T 8	9 51 58	29°52'51	27°59	18°24	23°24	4°58	8°10	16°52	22° 0	29°18	2°55	11°R48	12°30	17°27	n.a.	T 8
F 9	9 55 55	0♓51'04	10♊50	19°53	24°37	4°37	8° 8	16°58	22° 1	29°19	2°56	11°48	12°26	17°33	n.a.	F 9
S 10	9 59 52	1°49'15	24° 5	21°16	25°50	4°16	8° 6	17° 4	22° 1	29°19	2°57	11°47	12°23	17°40	n.a.	S 10
S 11	10 3 48	2°47'24	7♋47	22°35	27° 3	3°54	8° 3	17°10	22° 1	29°19	2°57	11°46	12°20	17°47	n.a.	S 11
M12	10 7 45	3°45'30	21°57	23°50	28°16	3°32	8° 1	17°16	22° 1	29°20	2°58	11°45	12°17	17°53	n.a.	M12
T 13	10 11 41	4°43'35	6♌31	25° 0	29°29	3°11	8° 0	17°22	22° 1	29°20	2°59	11°45	12°14	18° 0	n.a.	T 13
W14	10 15 38	5°41'37	21°25	26° 4	0♈42	2°49	7°58	17°27	22°R 1	29°21	3° 0	11°44	12°10	18° 6	n.a.	W14
T 15	10 19 34	6°39'38	6♍33	27° 4	1°55	2°27	7°57	17°33	22° 1	29°21	3° 1	11°D44	12° 7	18°13	n.a.	T 15
F 16	10 23 31	7°37'36	21°44	27°59	3° 7	2° 5	7°55	17°39	22° 1	29°22	3° 2	11°44	12° 4	18°20	n.a.	F 16
S 17	10 27 27	8°35'33	6♎49	28°49	4°20	1°43	7°54	17°44	22° 1	29°23	3° 3	11°44	12° 1	18°26	n.a.	S 17
S 18	10 31 24	9°33'28	21°41	29°33	5°33	1°22	7°53	17°50	22° 1	29°23	3° 3	11°44	11°58	18°33	n.a.	S 18
M19	10 35 20	10°31'22	6♏12	0♈13	6°45	1° 0	7°53	17°56	22° 1	29°24	3° 4	11°44	11°55	18°40	n.a.	M19
T 20	10 39 17	11°29'14	20°20	0°47	7°58	0°39	7°52	18° 1	22° 1	29°25	3° 5	11°R44	11°51	18°46	n.a.	T 20
W21	10 43 14	12°27'05	4♐ 1	1°15	9°11	0°18	7°52	18° 6	22° 0	29°25	3° 6	11°44	11°48	18°53	n.a.	W21
T 22	10 47 10	13°24'55	17°18	1°39	10°23	29♌57	7°D52	18°12	22° 0	29°26	3° 7	11°D44	11°45	19° 0	n.a.	T 22
F 23	10 51 7	14°22'43	0♑13	1°57	11°36	29°37	7°52	18°17	21°59	29°27	3° 8	11°45	11°42	19° 6	n.a.	F 23
S 24	10 55 3	15°20'30	12°48	2°10	12°48	29°17	7°52	18°22	21°59	29°28	3° 9	11°45	11°39	19°13	n.a.	S 24
S 25	10 59 0	16°18'15	25° 7	2°18	14° 0	28°57	7°52	18°27	21°59	29°29	3°10	11°45	11°36	19°20	n.a.	S 25
M26	11 2 56	17°15'59	7♒13	2°R21	15°13	28°38	7°53	18°32	21°58	29°30	3°11	11°46	11°32	19°26	n.a.	M26
T 27	11 6 53	18°13'42	19°11	2°18	16°25	28°19	7°54	18°37	21°57	29°31	3°12	11°46	11°29	19°33	n.a.	T 27
W28	11 10 49	19°11'23	1♓ 2	2°11	17°37	28° 1	7°55	18°42	21°57	29°32	3°14	11°47	11°26	19°39	n.a.	W28
T 29	11 14 46	20° 9'03	12°50	1°59	18°50	27°43	7°56	18°47	21°56	29°33	3°15	11°R47	11°23	19°46	n.a.	T 29
F 30	11 18 42	21° 6'41	24°37	1°43	20° 2	27°26	7°57	18°52	21°55	29°34	3°16	11°47	11°20	19°53	n.a.	F 30
S 31	11 22 39	22♓ 4'18	6♈25	1♈23	21♈14	27♌10	7♋58	18♉57	21♏54	29♉35	3♉17	11♍46	11♍16	19♓59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14s 6	9s35	0n42	8s42	0n44	6s41	0s39	12n41	3n58	24n56	1n17	23s55	1s 0	18s33	0n 4	19n28	0s57	6n26	6s41	7n19	6n52	5s41			n.a.
F 2	13 47	6 3	0s23	7 48	0 56	6 10	0 37	12 47	3 57	24 56	1 17	23 54	1 0	18 34	0 4	19 28	0 57	6 26	6 41	7 19	6 53	5 39			n.a.
S 3	13 27	2 18	1 27	6 55	1 7	5 39	0 35	12 54	3 57	24 56	1 17	23 54	1 0	18 34	0 4	19 28	0 57	6 27	6 41	7 19	6 54	5 37			n.a.
S 4	13 7	1n33	2 28	6 3	1 19	5 7	0 32	13 1	3 56	24 56	1 17	23 53	1 0	18 34	0 4	19 28	0 57	6 27	6 40	7 18	6 56	5 35			n.a.
M 5	12 46	5 21	3 22	5 12	1 30	4 36	0 30	13 8	3 55	24 56	1 17	23 53	1 0	18 34	0 4	19 29	0 57	6 28	6 40	7 18	6 57	5 34			n.a.
T 6	12 26	8 58	4 9	4 23	1 41	4 4	0 27	13 14	3 54	24 56	1 17	23 52	1 0	18 34	0 4	19 29	0 57	6 28	6 40	7 17	6 58	5 32			n.a.
W 7	12 5	12 17	4 45	3 35	1 51	3 33	0 25	13 21	3 53	24 56	1 17	23 51	1 1	18 34	0 4	19 29	0 57	6 28	6 40	7 17	6 59	5 30			n.a.
T 8	11 45	15 6	5 8	2 49	2 1	3 1	0 22	13 28	3 52	24 57	1 17	23 51	1 1	18 34	0 4	19 29	0 57	6 29	6 40	7 17	7 0	5 28			n.a.
F 9	11 24	17 17	5 18	2 5	2 11	2 29	0 20	13 35	3 51	24 57	1 17	23 50	1 1	18 35	0 4	19 29	0 57	6 29	6 40	7 17	7 2	5 26			n.a.
S 10	11 2	18 37	5 10	1 24	2 20	1 57	0 17	13 42	3 50	24 57	1 16	23 49	1 1	18 35	0 4	19 29	0 57	6 30	6 39	7 17	7 3	5 24			n.a.
S 11	10 41	18 56	4 46	0 44	2 28	1 25	0 14	13 48	3 48	24 57	1 16	23 49	1 1	18 35	0 4	19 29	0 57	6 30	6 39	7 17	7 4	5 23			n.a.
M12	10 20	18 6	4 3	0 7	2 36	0 53	0 12	13 55	3 47	24 57	1 16	23 48	1 1	18 35	0 4	19 29	0 57	6 31	6 39	7 18	7 5	5 21			n.a.
T 13	9 58	16 4	3 4	0n27	2 43	0 21	0 9	14 2	3 45	24 57	1 16	23 47	1 1	18 35	0 4	19 30	0 57	6 31	6 39	7 18	7 7	5 19			n.a.
W14	9 37	12 54	1 51	0 59	2 49	0n11	0 6	14 8	3 43	24 57	1 16	23 47	1 2	18 35	0 4	19 30	0 57	6 31	6 39	7 18	7 8	5 17			n.a.
T 15	9 15	8 51	0 29	1 28	2 54	0 43	0 4	14 15	3 41	24 57	1 16	23 46	1 2	18 35	0 4	19 30	0 57	6 32	6 38	7 18	7 9	5 15			n.a.
F 16	8 53	4 11	0n55	1 54	2 58	1 15	0 1	14 21	3 39	24 57	1 16	23 46	1 2	18 35	0 4	19 30	0 57	6 32	6 38	7 18	7 10	5 13			n.a.
S 17	8 31	0s42	2 15	2 17	3 1	1 47	0n 2	14 27	3 37	24 57	1 16	23 45	1 2	18 35	0 4	19 30	0 57	6 33	6 38	7 18	7 12	5 11			n.a.
S 18	8 9	5 28	3 25	2 37	3 4	2 19	0 5	14 33	3 35	24 57	1 16	23 44	1 2	18 35	0 4	19 30	0 57	6 33	6 38	7 18	7 13	5 10			n.a.
M19	7 46	9 47	4 19	2 54	3 5	2 51	0 7	14 39	3 33	24 56	1 15	23 44	1 2	18 35	0 4	19 31	0 57	6 34	6 38	7 18	7 14	5 8			n.a.
T 20	7 24	13 26	4 56	3 8	3 6	3 23	0 10	14 44	3 31	24 56	1 15	23 43	1 3	18 35	0 4	19 31	0 57	6 34	6 38	7 18	7 15	5 6			n.a.
W21	7 1	16 13	5 15	3 19	3 5	3 54	0 13	14 50	3 28	24 56	1 15	23 43	1 3	18 34	0 4	19 31	0 57	6 35	6 37	7 18	7 17	5 4			n.a.
T 22	6 39	18 3	5 17	3 27	3 3	4 26	0 16	14 55	3 26	24 56	1 15	23 42	1 3	18 34	0 4	19 31	0 56	6 35	6 37	7 18	7 18	5 2			n.a.
F 23	6 16	18 54	5 2	3 32	3 0	4 58	0 19	15 0	3 23	24 56	1 15	23 41	1 3	18 34	0 4	19 31	0 56	6 36	6 37	7 18	7 19	5 0			n.a.
S 24	5 53	18 46	4 33	3 33	2 55	5 29	0 22	15 5	3 21	24 56	1 15	23 41	1 3	18 34	0 4	19 32	0 56	6 36	6 37	7 18	7 20	4 59			n.a.
S 25	5 31	17 45	3 52	3 31	2 50	6 0	0 24	15 9	3 18	24 56	1 15	23 40	1 3	18 34	0 4	19 32	0 56	6 37	6 37	7 18	7 21	4 57			n.a.
M26	5 8	15 56	3 1	3 26	2 43	6 32	0 27	15 13	3 15	24 56	1 15	23 40	1 4	18 34	0 4	19 32	0 56	6 37	6 37	7 18	7 23	4 55			n.a.
T 27	4 45	13 26	2 2	3 18	2 35	7 3	0 30	15 18	3 12	24 55	1 14	23 39	1 4	18 34	0 4	19 32	0 56	6 38	6 37	7 17	7 24	4 53			n.a.
W28	4 22	10 24	0 59	3 7	2 26	7 34	0 33	15 21	3 9	24 55	1 14	23 39	1 4	18 34	0 4	19 33	0 56	6 38	6 36	7 17	7 25	4 51			n.a.
T 29	3 59	6 58	0s 6	2 53	2 16	8 4	0 36	15 25	3 6	24 55	1 14	23 38	1 4	18 33	0 4	19 33	0 56	6 39	6 36	7 17	7 26	4 49			n.a.
F 30	3 36	3 16	1 11	2 36	2 5	8 35	0 39	15 28	3 3	24 55	1 14	23 38	1 4	18 33	0 4	19 33	0 56	6 39	6 36	7 17	7 28	4 47			n.a.
S 31	3s12	0n35	2s13	2n17	1n52	9n 5	0n42	15n31	3n 0	24n55	1n14	23s37	1s 4	18s33	0n 4	19n33	0s56	6n40	6s36	7n17	7n29	4s46			n.a.

Julian Day Number = 975641.5, Delta T = 13h19m59s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'17, Lahiri = -32°06'17 Julian Calendar 1 March 2042 BCE == Greg. Calendar 12 Feb. 2042 BCE

The year -2041 astronomical counting style corresponds to year 2042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

APRIL 2042 BCE (-2041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 26 36	23♓ 1'53	18♈17	1°R 0	22♈26	26°R54	8♋ 0	19♑ 1	21°R54	29♉36	3♉18	11°R45	11♍13	20♓ 6	n.a.	S 1
M 2	11 30 32	23°59'26	0♉15	0♈33	23°38	26♌39	8° 2	19° 6	21♏53	29°37	3°19	11♍43	11°10	20°13	n.a.	M 2
T 3	11 34 29	24°56'59	12°21	0° 3	24°50	26°25	8° 4	19°10	21°52	29°38	3°20	11°41	11° 7	20°19	n.a.	T 3
W 4	11 38 25	25°54'29	24°38	29♓32	26° 2	26°11	8° 6	19°15	21°51	29°39	3°21	11°39	11° 4	20°26	n.a.	W 4
T 5	11 42 22	26°51'59	7♊10	28°58	27°14	25°58	8° 9	19°19	21°50	29°40	3°23	11°38	11° 1	20°33	n.a.	T 5
F 6	11 46 18	27°49'26	20° 0	28°24	28°26	25°46	8°11	19°23	21°49	29°42	3°24	11°37	10°57	20°39	n.a.	F 6
S 7	11 50 15	28°46'53	3♋10	27°49	29°37	25°35	8°14	19°27	21°48	29°43	3°25	11°D37	10°54	20°46	n.a.	S 7
S 8	11 54 11	29°44'17	16°44	27°15	0♉49	25°24	8°17	19°31	21°47	29°44	3°26	11°38	10°51	20°53	n.a.	S 8
M 9	11 58 8	0♈41'40	0♌42	26°41	2° 1	25°15	8°20	19°35	21°45	29°45	3°28	11°39	10°48	20°59	n.a.	M 9
T 10	12 2 5	1°39'02	15° 4	26° 8	3°12	25° 6	8°23	19°39	21°44	29°47	3°29	11°40	10°45	21° 6	n.a.	T 10
W11	12 6 1	2°36'22	29°49	25°38	4°24	24°58	8°26	19°43	21°43	29°48	3°30	11°41	10°41	21°13	n.a.	W11
T 12	12 9 58	3°33'41	14♍50	25°10	5°35	24°50	8°30	19°47	21°42	29°49	3°31	11°R41	10°38	21°19	n.a.	T 12
F 13	12 13 54	4°30'59	29°59	24°44	6°47	24°44	8°34	19°50	21°40	29°51	3°33	11°40	10°35	21°26	n.a.	F 13
S 14	12 17 51	5°28'16	15♎10	24°22	7°58	24°38	8°38	19°54	21°39	29°52	3°34	11°39	10°32	21°32	n.a.	S 14
S 15	12 21 47	6°25'31	0♏10	24° 4	9° 9	24°33	8°42	19°57	21°37	29°54	3°35	11°36	10°29	21°39	n.a.	S 15
M16	12 25 44	7°22'46	14°53	23°49	10°21	24°29	8°46	20° 1	21°36	29°55	3°37	11°32	10°26	21°46	n.a.	M16
T 17	12 29 40	8°20'01	29°11	23°38	11°32	24°26	8°50	20° 4	21°34	29°57	3°38	11°29	10°22	21°52	n.a.	T 17
W18	12 33 37	9°17'14	13♐ 2	23°32	12°43	24°24	8°55	20° 7	21°33	29°58	3°39	11°26	10°19	21°59	n.a.	W18
T 19	12 37 34	10°14'27	26°25	23°D30	13°54	24°22	9° 0	20°10	21°31	29°59	3°41	11°24	10°16	22° 6	n.a.	T 19
F 20	12 41 30	11°11'39	9♑21	23°32	15° 5	24°D21	9° 4	20°13	21°30	0♊ 1	3°42	11°D23	10°13	22°12	n.a.	F 20
S 21	12 45 27	12° 8'51	21°55	23°39	16°16	24°21	9° 9	20°16	21°28	0° 3	3°43	11°23	10°10	22°19	n.a.	S 21
S 22	12 49 23	13° 6'03	4♒10	23°51	17°27	24°22	9°15	20°19	21°26	0° 5	3°45	11°25	10° 7	22°26	n.a.	S 22
M23	12 53 20	14° 3'13	16°12	24° 7	18°38	24°24	9°20	20°22	21°25	0° 6	3°46	11°26	10° 3	22°32	n.a.	M23
T 24	12 57 16	15° 0'24	28° 4	24°27	19°48	24°26	9°25	20°25	21°23	0° 8	3°47	11°28	10° 0	22°39	n.a.	T 24
W25	13 1 13	15°57'33	9♓52	24°52	20°59	24°30	9°31	20°27	21°21	0°10	3°49	11°R29	9°57	22°46	n.a.	W25
T 26	13 5 9	16°54'42	21°38	25°22	22°10	24°33	9°37	20°30	21°19	0°11	3°50	11°28	9°54	22°52	n.a.	T 26
F 27	13 9 6	17°51'51	3♈26	25°55	23°20	24°38	9°42	20°32	21°17	0°13	3°51	11°26	9°51	22°59	n.a.	F 27
S 28	13 13 3	18°48'59	15°19	26°33	24°31	24°44	9°49	20°34	21°15	0°15	3°53	11°22	9°47	23° 6	n.a.	S 28
S 29	13 16 59	19°46'07	27°19	27°15	25°41	24°50	9°55	20°37	21°14	0°17	3°54	11°17	9°44	23°12	n.a.	S 29
M30	13 20 56	20♈43'14	9♉27	28♓ 1	26♉52	24♌57	10♋ 1	20♑39	21♏12	0♊18	3♉56	11♍10	9♍41	23♓19	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s49	4n24	3s 9	1n55	1n39	9n35	0n44	15n33	2n57	24n54	1n14	23s37	1s 5	18s33	0n 4	19n34	0s56	6n40	6s36	7n18	7n30	4s44		n.a.
M 2	2 26	8 5	3 58	1 31	1 25	10 5	0 47	15 36	2 54	24 54	1 14	23 36	1 5	18 33	0 4	19 34	0 56	6 41	6 36	7 19	7 31	4 42		n.a.
T 3	2 3	11 28	4 36	1 5	1 10	10 35	0 50	15 38	2 51	24 54	1 13	23 36	1 5	18 32	0 4	19 34	0 56	6 41	6 35	7 19	7 33	4 40		n.a.
W 4	1 40	14 25	5 3	0 38	0 54	11 4	0 53	15 40	2 47	24 54	1 13	23 35	1 5	18 32	0 4	19 35	0 56	6 42	6 35	7 20	7 34	4 38		n.a.
T 5	1 16	16 46	5 16	0 10	0 38	11 33	0 56	15 41	2 44	24 53	1 13	23 35	1 5	18 32	0 4	19 35	0 56	6 42	6 35	7 21	7 35	4 36		n.a.
F 6	0 53	18 20	5 13	0s20	0 21	12 2	0 58	15 42	2 41	24 53	1 13	23 34	1 5	18 32	0 4	19 35	0 56	6 43	6 35	7 21	7 36	4 34		n.a.
S 7	0 30	18 59	4 55	0 49	0 4	12 31	1 1	15 43	2 38	24 53	1 13	23 34	1 6	18 31	0 4	19 36	0 56	6 44	6 35	7 21	7 37	4 32		n.a.
S 8	0 6	18 34	4 19	1 19	0s13	12 59	1 4	15 44	2 34	24 52	1 13	23 33	1 6	18 31	0 4	19 36	0 56	6 44	6 35	7 21	7 39	4 31		n.a.
M 9	0n17	17 2	3 28	1 48	0 29	13 27	1 6	15 44	2 31	24 52	1 13	23 33	1 6	18 31	0 4	19 36	0 56	6 45	6 35	7 20	7 40	4 29		n.a.
T 10	0 40	14 23	2 22	2 16	0 46	13 55	1 9	15 44	2 28	24 52	1 13	23 33	1 6	18 30	0 4	19 36	0 56	6 45	6 35	7 20	7 41	4 27		n.a.
W11	1 3	10 45	1 5	2 43	1 2	14 22	1 12	15 43	2 24	24 51	1 12	23 32	1 6	18 30	0 4	19 37	0 56	6 46	6 34	7 19	7 42	4 25		n.a.
T 12	1 27	6 22	0n17	3 9	1 18	14 49	1 14	15 43	2 21	24 51	1 12	23 32	1 7	18 30	0 4	19 37	0 56	6 46	6 34	7 19	7 44	4 23		n.a.
F 13	1 50	1 31	1 39	3 33	1 33	15 16	1 17	15 42	2 18	24 51	1 12	23 32	1 7	18 29	0 4	19 37	0 56	6 47	6 34	7 20	7 45	4 21		n.a.
S 14	2 13	3s25	2 54	3 55	1 47	15 42	1 19	15 41	2 14	24 50	1 12	23 31	1 7	18 29	0 4	19 38	0 56	6 47	6 34	7 20	7 46	4 19		n.a.
S 15	2 36	8 5	3 56	4 15	2 1	16 8	1 22	15 39	2 11	24 50	1 12	23 31	1 7	18 29	0 4	19 38	0 56	6 48	6 34	7 21	7 47	4 17		n.a.
M16	2 59	12 9	4 41	4 32	2 13	16 33	1 24	15 38	2 8	24 49	1 12	23 31	1 7	18 28	0 4	19 39	0 55	6 48	6 34	7 23	7 49	4 16		n.a.
T 17	3 22	15 23	5 7	4 47	2 25	16 58	1 27	15 36	2 4	24 49	1 12	23 30	1 8	18 28	0 4	19 39	0 55	6 49	6 34	7 24	7 50	4 14		n.a.
W18	3 45	17 38	5 14	5 0	2 36	17 23	1 29	15 33	2 1	24 48	1 11	23 30	1 8	18 27	0 4	19 39	0 55	6 50	6 34	7 25	7 51	4 12		n.a.
T 19	4 8	18 49	5 4	5 9	2 45	17 47	1 31	15 31	1 58	24 48	1 11	23 30	1 8	18 27	0 4	19 40	0 55	6 50	6 33	7 26	7 52	4 10		n.a.
F 20	4 31	18 58	4 38	5 16	2 54	18 11	1 34	15 28	1 55	24 48	1 11	23 29	1 8	18 27	0 4	19 40	0 55	6 51	6 33	7 26	7 53	4 8		n.a.
S 21	4 54	18 10	3 59	5 20	3 1	18 34	1 36	15 25	1 51	24 47	1 11	23 29	1 8	18 26	0 4	19 40	0 55	6 51	6 33	7 26	7 55	4 6		n.a.
S 22	5 16	16 31	3 11	5 21	3 8	18 57	1 38	15 22	1 48	24 47	1 11	23 29	1 8	18 26	0 4	19 41	0 55	6 52	6 33	7 26	7 56	4 4		n.a.
M23	5 39	14 10	2 14	5 20	3 13	19 19	1 40	15 18	1 45	24 46	1 11	23 29	1 9	18 25	0 4	19 41	0 55	6 52	6 33	7 25	7 57	4 2		n.a.
T 24	6 2	11 15	1 13	5 16	3 18	19 41	1 42	15 14	1 42	24 46	1 11	23 28	1 9	18 25	0 4	19 42	0 55	6 53	6 33	7 24	7 58	4 0		n.a.
W25	6 24	7 53	0 9	5 9	3 21	20 3	1 44	15 10	1 39	24 45	1 11	23 28	1 9	18 24	0 4	19 42	0 55	6 53	6 33	7 24	8 0	3 59		n.a.
T 26	6 47	4 14	0s55	4 59	3 24	20 23	1 46	15 6	1 36	24 44	1 10	23 28	1 9	18 24	0 4	19 42	0 55	6 54	6 33	7 24	8 1	3 57		n.a.
F 27	7 9	0 23	1 57	4 47	3 25	20 44	1 48	15 1	1 32	24 44	1 10	23 28	1 9	18 23	0 4	19 43	0 55	6 55	6 33	7 25	8 2	3 55		n.a.
S 28	7 31	3n29	2 54	4 32	3 26	21 3	1 50	14 57	1 29	24 43	1 10	23 28	1 10	18 23	0 4	19 43	0 55	6 55	6 33	7 27	8 3	3 53		n.a.
S 29	7 53	7 15	3 44	4 15	3 25	21 23	1 52	14 52	1 26	24 43	1 10	23 28	1 10	18 22	0 4	19 44	0 55	6 56	6 33	7 29	8 4	3 51		n.a.
M30	8n15	10n46	4s24	3s55	3s24	21n41	1n54	14n46	1n23	24n42	1n10	23s27	1s10	18s22	0n 4	19n44	0s55	6n56	6s32	7n31	8n 6	3s49		n.a.

Julian Day Number = 975672.5, Delta T = 13h19m56s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'13, Lahiri = -32°06'13 Julian Calendar 1 Apr. 2042 BCE == Greg. Calendar 15 March 2042 BCE

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

MAY 2042 BCE (-2041) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 24 52	21♈40'20	21♉44	28♓50	28♉ 2	25♌ 5	10♋ 7	20♑41	21°R10	0♊20	3♉57	11°R 3	9♍38	23♓26	n.a.	T 1
W 2	13 28 49	22°37'26	4♊13	29°44	29°12	25°13	10°14	20°43	21♏ 8	0°22	3°59	10♍56	9°35	23°32	n.a.	W 2
T 3	13 32 45	23°34'32	16°55	0♈42	0♊22	25°22	10°21	20°44	21° 6	0°24	4° 0	10°50	9°32	23°39	n.a.	T 3
F 4	13 36 42	24°31'36	29°50	1°43	1°32	25°32	10°28	20°46	21° 4	0°26	4° 1	10°46	9°28	23°45	n.a.	F 4
S 5	13 40 39	25°28'41	13♋ 2	2°48	2°42	25°43	10°35	20°48	21° 1	0°28	4° 3	10°43	9°25	23°52	n.a.	S 5
S 6	13 44 35	26°25'44	26°32	3°56	3°52	25°54	10°42	20°49	20°59	0°29	4° 4	10°D42	9°22	23°59	n.a.	S 6
M 7	13 48 32	27°22'47	10♌21	5° 8	5° 2	26° 6	10°49	20°51	20°57	0°31	4° 6	10°43	9°19	24° 5	n.a.	M 7
T 8	13 52 28	28°19'50	24°29	6°24	6°12	26°19	10°56	20°52	20°55	0°33	4° 7	10°44	9°16	24°12	n.a.	T 8
W 9	13 56 25	29°16'51	8♍57	7°42	7°21	26°32	11° 4	20°53	20°53	0°35	4° 9	10°R45	9°12	24°19	n.a.	W 9
T 10	14 0 21	0♉13'53	23°41	9° 5	8°31	26°46	11°12	20°54	20°51	0°37	4°10	10°44	9° 9	24°25	n.a.	T 10
F 11	14 4 18	1°10'54	8♎36	10°31	9°40	27° 0	11°19	20°55	20°48	0°39	4°11	10°42	9° 6	24°32	n.a.	F 11
S 12	14 8 14	2° 7'55	23°35	12° 0	10°50	27°15	11°27	20°56	20°46	0°41	4°13	10°37	9° 3	24°39	n.a.	S 12
S 13	14 12 11	3° 4'56	8♏30	13°32	11°59	27°31	11°35	20°57	20°44	0°43	4°14	10°30	9° 0	24°45	n.a.	S 13
M14	14 16 8	4° 1'56	23°10	15° 8	13° 8	27°47	11°43	20°58	20°42	0°45	4°16	10°22	8°57	24°52	n.a.	M14
T 15	14 20 4	4°58'57	7♐30	16°46	14°17	28° 4	11°52	20°58	20°39	0°47	4°17	10°14	8°53	24°59	n.a.	T 15
W16	14 24 1	5°55'58	21°25	18°28	15°26	28°21	12° 0	20°59	20°37	0°49	4°19	10° 6	8°50	25° 5	n.a.	W16
T 17	14 27 57	6°53'00	4♑52	20°13	16°35	28°39	12° 8	20°59	20°35	0°51	4°20	10° 0	8°47	25°12	n.a.	T 17
F 18	14 31 54	7°50'02	17°51	22° 1	17°44	28°58	12°17	21° 0	20°33	0°53	4°22	9°56	8°44	25°19	n.a.	F 18
S 19	14 35 50	8°47'04	0♒27	23°52	18°52	29°17	12°26	21° 0	20°30	0°56	4°23	9°54	8°41	25°25	n.a.	S 19
S 20	14 39 47	9°44'06	12°43	25°46	20° 1	29°36	12°34	21° 0	20°28	0°58	4°25	9°D54	8°38	25°32	n.a.	S 20
M21	14 43 44	10°41'09	24°44	27°42	21° 9	29°56	12°43	21°R 0	20°25	1° 0	4°26	9°55	8°34	25°39	n.a.	M21
T 22	14 47 40	11°38'13	6♓35	29°41	22°18	0♍17	12°52	21° 0	20°23	1° 2	4°27	9°R55	8°31	25°45	n.a.	T 22
W23	14 51 37	12°35'17	18°23	1♉42	23°26	0°38	13° 2	21° 0	20°21	1° 4	4°29	9°55	8°28	25°52	n.a.	W23
T 24	14 55 33	13°32'21	0♈10	3°44	24°34	0°59	13°11	20°59	20°18	1° 6	4°30	9°53	8°25	25°58	n.a.	T 24
F 25	14 59 30	14°29'26	12° 2	5°49	25°42	1°21	13°20	20°59	20°16	1° 8	4°32	9°49	8°22	26° 5	n.a.	F 25
S 26	15 3 26	15°26'32	24° 2	7°55	26°50	1°44	13°29	20°58	20°14	1°10	4°33	9°42	8°18	26°12	n.a.	S 26
S 27	15 7 23	16°23'38	6♉12	10° 2	27°58	2° 6	13°39	20°58	20°11	1°13	4°35	9°32	8°15	26°18	n.a.	S 27
M28	15 11 19	17°20'45	18°33	12°10	29° 6	2°30	13°49	20°57	20° 9	1°15	4°36	9°21	8°12	26°25	n.a.	M28
T 29	15 15 16	18°17'52	1♊ 7	14°18	0♋13	2°54	13°58	20°56	20° 6	1°17	4°37	9° 9	8° 9	26°32	n.a.	T 29
W30	15 19 13	19°14'59	13°54	16°27	1°21	3°18	14° 8	20°55	20° 4	1°19	4°39	8°58	8° 6	26°38	n.a.	W30
T 31	15 23 9	20♉12'08	26♊52	18♉36	2♋28	3♍42	14♋18	20♑54	20♏ 1	1♊21	4♉40	8♍48	8♍ 3	26♓45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n37	13n52	4s52	3s33	3s22	21n59	1n55	14n41	1n20	24n42	1n10	23s27	1s10	18s21	0n 4	19n44	0s55	6n57	6s32	7n34	8n 7	3s47		n.a.
W 2	8 59	16 23	5 7	3 9	3 19	22 17	1 57	14 35	1 17	24 41	1 10	23 27	1 11	18 21	0 4	19 45	0 55	6 57	6 32	7 37	8 8	3 45		n.a.
T 3	9 20	18 10	5 8	2 42	3 16	22 34	1 58	14 29	1 15	24 40	1 10	23 27	1 11	18 20	0 4	19 45	0 55	6 58	6 32	7 39	8 9	3 43		n.a.
F 4	9 42	19 3	4 53	2 13	3 11	22 50	2 0	14 23	1 12	24 40	1 10	23 27	1 11	18 20	0 4	19 46	0 55	6 58	6 32	7 41	8 11	3 42		n.a.
S 5	10 3	18 56	4 22	1 42	3 6	23 6	2 1	14 17	1 9	24 39	1 9	23 27	1 11	18 19	0 4	19 46	0 55	6 59	6 32	7 42	8 12	3 40		n.a.
S 6	10 24	17 44	3 36	1 9	3 0	23 21	2 2	14 10	1 6	24 38	1 9	23 27	1 11	18 19	0 4	19 46	0 55	7 0	6 32	7 42	8 13	3 38		n.a.
M 7	10 45	15 29	2 37	0 34	2 54	23 36	2 3	14 4	1 3	24 37	1 9	23 27	1 12	18 18	0 4	19 47	0 55	7 0	6 32	7 42	8 14	3 36		n.a.
T 8	11 6	12 16	1 27	0n 2	2 47	23 49	2 5	13 57	1 1	24 37	1 9	23 27	1 12	18 17	0 4	19 47	0 55	7 1	6 32	7 41	8 15	3 34		n.a.
W 9	11 26	8 14	0 10	0 41	2 39	24 3	2 6	13 50	0 58	24 36	1 9	23 27	1 12	18 17	0 4	19 48	0 55	7 1	6 32	7 41	8 17	3 32		n.a.
T 10	11 47	3 37	1n 9	1 22	2 31	24 15	2 6	13 42	0 55	24 35	1 9	23 27	1 12	18 16	0 4	19 48	0 55	7 2	6 32	7 41	8 18	3 30		n.a.
F 11	12 7	1s16	2 24	2 4	2 22	24 27	2 7	13 35	0 52	24 34	1 9	23 27	1 12	18 16	0 4	19 49	0 55	7 2	6 32	7 42	8 19	3 28		n.a.
S 12	12 27	6 6	3 30	2 48	2 13	24 38	2 8	13 27	0 50	24 34	1 9	23 27	1 13	18 15	0 4	19 49	0 55	7 3	6 32	7 44	8 20	3 26		n.a.
S 13	12 47	10 31	4 20	3 33	2 4	24 49	2 9	13 19	0 47	24 33	1 9	23 27	1 13	18 15	0 4	19 50	0 55	7 3	6 32	7 47	8 22	3 24		n.a.
M14	13 7	14 13	4 53	4 20	1 54	24 59	2 9	13 11	0 45	24 32	1 8	23 27	1 13	18 14	0 4	19 50	0 55	7 4	6 32	7 50	8 23	3 22		n.a.
T 15	13 27	16 58	5 6	5 8	1 43	25 8	2 10	13 3	0 42	24 31	1 8	23 27	1 13	18 13	0 4	19 50	0 55	7 4	6 31	7 53	8 24	3 21		n.a.
W16	13 46	18 39	5 1	5 58	1 32	25 16	2 10	12 54	0 40	24 30	1 8	23 28	1 13	18 13	0 4	19 51	0 55	7 5	6 31	7 56	8 25	3 19		n.a.
T 17	14 5	19 12	4 38	6 48	1 21	25 24	2 11	12 46	0 37	24 29	1 8	23 28	1 14	18 12	0 4	19 51	0 55	7 5	6 31	7 58	8 26	3 17		n.a.
F 18	14 24	18 42	4 2	7 40	1 10	25 31	2 11	12 37	0 35	24 29	1 8	23 28	1 14	18 11	0 4	19 52	0 55	7 6	6 31	8 0	8 28	3 15		n.a.
S 19	14 43	17 17	3 15	8 32	0 59	25 37	2 11	12 28	0 32	24 28	1 8	23 28	1 14	18 11	0 4	19 52	0 55	7 6	6 31	8 1	8 29	3 13		n.a.
S 20	15 2	15 5	2 21	9 25	0 47	25 43	2 11	12 19	0 30	24 27	1 8	23 28	1 14	18 10	0 4	19 53	0 54	7 7	6 31	8 1	8 30	3 11		n.a.
M21	15 20	12 17	1 21	10 19	0 36	25 48	2 11	12 9	0 28	24 26	1 8	23 28	1 14	18 10	0 4	19 53	0 54	7 8	6 31	8 0	8 31	3 9		n.a.
T 22	15 38	9 0	0 18	11 12	0 24	25 52	2 11	12 0	0 25	24 25	1 8	23 29	1 15	18 9	0 3	19 54	0 54	7 8	6 31	8 0	8 32	3 7		n.a.
W23	15 56	5 23	0s45	12 6	0 13	25 56	2 10	11 50	0 23	24 24	1 8	23 29	1 15	18 8	0 3	19 54	0 54	7 9	6 31	8 0	8 34	3 5		n.a.
T 24	16 13	1 33	1 46	13 0	0 2	25 59	2 10	11 40	0 21	24 23	1 8	23 29	1 15	18 8	0 3	19 55	0 54	7 9	6 31	8 1	8 35	3 3		n.a.
F 25	16 31	2n22	2 43	13 52	0n 9	26 1	2 9	11 30	0 19	24 22	1 7	23 29	1 15	18 7	0 3	19 55	0 54	7 10	6 31	8 3	8 36	3 1		n.a.
S 26	16 48	6 13	3 33	14 45	0 20	26 2	2 9	11 20	0 17	24 21	1 7	23 30	1 16	18 6	0 3	19 56	0 54	7 10	6 31	8 5	8 37	2 59		n.a.
S 27	17 5	9 53	4 13	15 36	0 30	26 3	2 8	11 10	0 14	24 20	1 7	23 30	1 16	18 6	0 3	19 56	0 54	7 11	6 31	8 9	8 38	2 57		n.a.
M28	17 21	13 10	4 43	16 26	0 40	26 3	2 7	10 59	0 12	24 18	1 7	23 30	1 16	18 5	0 3	19 56	0 54	7 11	6 31	8 13	8 40	2 56		n.a.
T 29	17 37	15 55	4 59	17 14	0 49	26 2	2 6	10 48	0 10	24 17	1 7	23 31	1 16	18 4	0 3	19 57	0 54	7 12	6 31	8 18	8 41	2 54		n.a.
W30	17 54	17 57	5 1	18 1	0 58	26 0	2 5	10 38	0 8	24 16	1 7	23 31	1 16	18 4	0 3	19 57	0 54	7 12	6 31	8 22	8 42	2 52		n.a.
T 31	18n 9	19n 6	4s48	18n46	1n 6	25n58	2n 4	10n27	0n 6	24n15	1n 7	23s31	1s17	18s 3	0n 3	19n58	0s54	7n12	6s31	8n26	8n43	2s50		n.a.

Julian Day Number = 975702.5, Delta T = 13h19m54s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'09, Lahiri = -32°06'09 Julian Calendar 1 May 2042 BCE == Greg. Calendar 14 Apr. 2042 BCE

The year -2041 astronomical counting style corresponds to year 2042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

JUNE 2042 BCE (-2041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 27 6	21♉ 9'16	10♋ 2	20♉44	3♋35	4♍ 7	14♋28	20°R53	19°R59	1♊23	4♉42	8°R40	7♍59	26♓52	n.a.	F 1
S 2	15 31 2	22° 6'25	23°25	22°52	4°42	4°33	14°38	20♑52	19♏57	1°26	4°43	8♍34	7°56	26°58	n.a.	S 2
S 3	15 34 59	23° 3'34	6♌59	24°59	5°49	4°59	14°48	20°51	19°54	1°28	4°44	8°32	7°53	27° 5	n.a.	S 3
M 4	15 38 55	24° 0'44	20°47	27° 6	6°56	5°25	14°58	20°49	19°52	1°30	4°46	8°D31	7°50	27°12	n.a.	M 4
T 5	15 42 52	24°57'54	4♍47	29°11	8° 2	5°52	15° 9	20°48	19°49	1°32	4°47	8°R31	7°47	27°18	n.a.	T 5
W 6	15 46 49	25°55'04	19° 0	1♊15	9° 9	6°19	15°19	20°46	19°47	1°35	4°49	8°31	7°44	27°25	n.a.	W 6
T 7	15 50 45	26°52'15	3♎25	3°18	10°15	6°46	15°30	20°45	19°45	1°37	4°50	8°29	7°40	27°32	n.a.	T 7
F 8	15 54 42	27°49'27	17°59	5°19	11°21	7°14	15°40	20°43	19°42	1°39	4°51	8°25	7°37	27°38	n.a.	F 8
S 9	15 58 38	28°46'39	2♏36	7°18	12°27	7°42	15°51	20°41	19°40	1°41	4°53	8°18	7°34	27°45	n.a.	S 9
S 10	16 2 35	29°43'52	17°11	9°17	13°33	8°10	16° 2	20°39	19°37	1°43	4°54	8° 9	7°31	27°52	n.a.	S 10
M11	16 6 31	0♊41'05	1♐36	11°13	14°38	8°39	16°13	20°37	19°35	1°46	4°55	7°58	7°28	27°58	n.a.	M11
T 12	16 10 28	1°38'20	15°46	13° 8	15°44	9° 8	16°23	20°35	19°33	1°48	4°57	7°46	7°24	28° 5	n.a.	T 12
W13	16 14 24	2°35'36	29°33	15° 2	16°49	9°38	16°34	20°33	19°30	1°50	4°58	7°35	7°21	28°12	n.a.	W13
T 14	16 18 21	3°32'53	12♑57	16°53	17°54	10° 7	16°45	20°30	19°28	1°52	4°59	7°26	7°18	28°18	n.a.	T 14
F 15	16 22 18	4°30'11	25°56	18°43	18°59	10°37	16°57	20°28	19°26	1°55	5° 1	7°20	7°15	28°25	n.a.	F 15
S 16	16 26 14	5°27'31	8♒32	20°32	20° 4	11° 8	17° 8	20°25	19°24	1°57	5° 2	7°16	7°12	28°32	n.a.	S 16
S 17	16 30 11	6°24'52	20°49	22°18	21° 8	11°38	17°19	20°23	19°21	1°59	5° 3	7°14	7° 9	28°38	n.a.	S 17
M18	16 34 7	7°22'14	2♓51	24° 4	22°12	12° 9	17°30	20°20	19°19	2° 1	5° 4	7°13	7° 5	28°45	n.a.	M18
T 19	16 38 4	8°19'37	14°43	25°47	23°16	12°41	17°42	20°17	19°17	2° 3	5° 6	7°13	7° 2	28°52	n.a.	T 19
W20	16 42 0	9°17'02	26°32	27°29	24°20	13°12	17°53	20°14	19°15	2° 6	5° 7	7°12	6°59	28°58	n.a.	W20
T 21	16 45 57	10°14'29	8♈21	29° 9	25°24	13°44	18° 5	20°12	19°12	2° 8	5° 8	7°10	6°56	29° 5	n.a.	T 21
F 22	16 49 54	11°11'57	20°17	0♋48	26°27	14°16	18°16	20° 8	19°10	2°10	5° 9	7° 5	6°53	29°11	n.a.	F 22
S 23	16 53 50	12° 9'26	2♉24	2°25	27°30	14°48	18°28	20° 5	19° 8	2°12	5°11	6°58	6°49	29°18	n.a.	S 23
S 24	16 57 47	13° 6'57	14°43	4° 0	28°33	15°21	18°39	20° 2	19° 6	2°14	5°12	6°48	6°46	29°25	n.a.	S 24
M25	17 1 43	14° 4'30	27°18	5°34	29°35	15°54	18°51	19°59	19° 4	2°17	5°13	6°36	6°43	29°31	n.a.	M25
T 26	17 5 40	15° 2'04	10♊ 9	7° 6	0♌38	16°27	19° 3	19°56	19° 2	2°19	5°14	6°24	6°40	29°38	n.a.	T 26
W27	17 9 36	15°59'39	23°16	8°37	1°40	17° 1	19°15	19°52	19° 0	2°21	5°15	6°11	6°37	29°45	n.a.	W27
T 28	17 13 33	16°57'16	6♋36	10° 6	2°42	17°34	19°27	19°49	18°57	2°23	5°16	6° 0	6°34	29°51	n.a.	T 28
F 29	17 17 29	17°54'54	20° 8	11°34	3°43	18° 8	19°39	19°45	18°55	2°25	5°17	5°52	6°30	29°58	n.a.	F 29
S 30	17 21 26	18♊52'34	3♌51	12♋59	4♌45	18♍43	19♋51	19♑42	18♏53	2♊28	5♉19	5♍46	6♍27	0♈ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n25	19n14	4s19	19n29	1n14	25n55	2n 3	10n15	0n 4	24n14	1n 7	23s32	1s17	18s 2	0n 3	19n58	0s54	7n13	6s31	8n29	8n45	2s48		n.a.
S 2	18 40	18 19	3 35	20 10	1 21	25 52	2 1	10 4	0 2	24 13	1 7	23 32	1 17	18 2	0 3	19 59	0 54	7 13	6 31	8 31	8 46	2 46		n.a.
S 3	18 55	16 20	2 39	20 49	1 27	25 47	2 0	9 53	0 0	24 11	1 7	23 33	1 17	18 1	0 3	19 59	0 54	7 14	6 31	8 32	8 47	2 44		n.a.
M 4	19 9	13 24	1 33	21 25	1 33	25 43	1 58	9 41	0s 2	24 10	1 7	23 33	1 17	18 1	0 3	20 0	0 54	7 14	6 31	8 33	8 48	2 42		n.a.
T 5	19 24	9 39	0 20	21 58	1 38	25 37	1 56	9 29	0 4	24 9	1 7	23 33	1 18	18 0	0 3	20 0	0 54	7 15	6 31	8 33	8 49	2 40		n.a.
W 6	19 38	5 17	0n55	22 29	1 42	25 31	1 55	9 17	0 6	24 8	1 7	23 34	1 18	17 59	0 3	20 1	0 54	7 15	6 31	8 33	8 51	2 38		n.a.
T 7	19 51	0 34	2 8	22 58	1 46	25 24	1 53	9 5	0 7	24 6	1 7	23 34	1 18	17 59	0 3	20 1	0 54	7 16	6 31	8 33	8 52	2 36		n.a.
F 8	20 5	4s14	3 13	23 24	1 48	25 16	1 51	8 53	0 9	24 5	1 6	23 35	1 18	17 58	0 3	20 2	0 54	7 16	6 31	8 35	8 53	2 34		n.a.
S 9	20 18	8 47	4 5	23 47	1 51	25 8	1 48	8 41	0 11	24 4	1 6	23 35	1 18	17 57	0 3	20 2	0 54	7 17	6 31	8 37	8 54	2 32		n.a.
S 10	20 30	12 49	4 41	24 8	1 52	24 59	1 46	8 28	0 13	24 2	1 6	23 36	1 19	17 57	0 3	20 3	0 54	7 17	6 31	8 41	8 55	2 30		n.a.
M11	20 43	16 1	4 59	24 27	1 53	24 49	1 43	8 16	0 15	24 1	1 6	23 36	1 19	17 56	0 3	20 3	0 54	7 17	6 31	8 45	8 57	2 28		n.a.
T 12	20 54	18 12	4 58	24 43	1 53	24 39	1 41	8 3	0 16	24 0	1 6	23 37	1 19	17 55	0 3	20 4	0 54	7 18	6 31	8 50	8 58	2 27		n.a.
W13	21 6	19 16	4 40	24 56	1 53	24 28	1 38	7 50	0 18	23 58	1 6	23 37	1 19	17 55	0 3	20 4	0 54	7 18	6 31	8 54	8 59	2 25		n.a.
T 14	21 17	19 12	4 6	25 8	1 52	24 16	1 35	7 37	0 20	23 57	1 6	23 38	1 19	17 54	0 3	20 4	0 54	7 19	6 31	8 57	9 0	2 23		n.a.
F 15	21 28	18 7	3 20	25 17	1 51	24 4	1 32	7 24	0 21	23 55	1 6	23 39	1 20	17 53	0 3	20 5	0 54	7 19	6 31	9 0	9 1	2 21		n.a.
S 16	21 39	16 9	2 26	25 23	1 49	23 52	1 29	7 11	0 23	23 54	1 6	23 39	1 20	17 53	0 3	20 5	0 54	7 20	6 31	9 1	9 3	2 19		n.a.
S 17	21 49	13 30	1 26	25 28	1 46	23 39	1 26	6 58	0 25	23 52	1 6	23 40	1 20	17 52	0 3	20 6	0 54	7 20	6 31	9 2	9 4	2 17		n.a.
M18	21 59	10 18	0 23	25 31	1 43	23 25	1 23	6 44	0 26	23 51	1 6	23 40	1 20	17 52	0 3	20 6	0 54	7 20	6 31	9 2	9 5	2 15		n.a.
T 19	22 8	6 45	0s40	25 31	1 40	23 10	1 19	6 30	0 28	23 49	1 6	23 41	1 20	17 51	0 3	20 7	0 54	7 21	6 31	9 2	9 6	2 13		n.a.
W20	22 18	2 56	1 41	25 30	1 36	22 55	1 16	6 17	0 29	23 47	1 6	23 42	1 21	17 50	0 3	20 7	0 54	7 21	6 31	9 2	9 7	2 11		n.a.
T 21	22 26	0n59	2 37	25 27	1 32	22 40	1 12	6 3	0 31	23 46	1 6	23 42	1 21	17 50	0 3	20 8	0 54	7 22	6 31	9 3	9 9	2 9		n.a.
F 22	22 35	4 54	3 27	25 22	1 27	22 24	1 8	5 49	0 32	23 44	1 6	23 43	1 21	17 49	0 3	20 8	0 54	7 22	6 31	9 5	9 10	2 7		n.a.
S 23	22 42	8 40	4 9	25 16	1 22	22 8	1 4	5 35	0 34	23 43	1 6	23 43	1 21	17 49	0 3	20 9	0 54	7 22	6 31	9 8	9 11	2 5		n.a.
S 24	22 50	12 8	4 39	25 8	1 16	21 51	1 0	5 21	0 35	23 41	1 6	23 44	1 21	17 48	0 3	20 9	0 54	7 23	6 31	9 12	9 12	2 3		n.a.
M25	22 57	15 8	4 57	24 58	1 10	21 33	0 55	5 6	0 37	23 39	1 6	23 45	1 21	17 47	0 3	20 9	0 54	7 23	6 31	9 16	9 13	2 1		n.a.
T 26	23 4	17 29	5 0	24 48	1 4	21 15	0 51	4 52	0 38	23 37	1 6	23 45	1 22	17 47	0 3	20 10	0 54	7 23	6 31	9 21	9 15	1 59		n.a.
W27	23 10	18 58	4 48	24 35	0 57	20 57	0 47	4 37	0 40	23 36	1 6	23 46	1 22	17 46	0 3	20 10	0 54	7 24	6 32	9 25	9 16	1 57		n.a.
T 28	23 16	19 26	4 20	24 22	0 50	20 38	0 42	4 23	0 41	23 34	1 6	23 47	1 22	17 46	0 3	20 11	0 54	7 24	6 32	9 30	9 17	1 55		n.a.
F 29	23 22	18 49	3 36	24 7	0 43	20 19	0 37	4 8	0 42	23 32	1 6	23 48	1 22	17 45	0 3	20 11	0 54	7 24	6 32	9 33	9 18	1 53		n.a.
S 30	23n27	17n 5	2s40	23n52	0n35	19n59	0n32	3n53	0s44	23n30	1n 6	23s48	1s22	17s45	0n 3	20n12	0s54	7n25	6s32	9n35	9n19	1s51		n.a.

Julian Day Number = 975733.5, Delta T = 13h19m52s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'05, Lahiri = -32°06'04 Julian Calendar 1 June 2042 BCE == Greg. Calendar 15 May 2042 BCE

The year -2041 astronomical counting style corresponds to year 2042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

JULY 2042 BCE (-2041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 25 23	19♊50'14	17♌41	14♋23	5♌45	19♍17	20♋ 3	19°R38	18°R52	2♊30	5♉20	5°R43	6♍24	0♈11	n.a.	S 1
M 2	17 29 19	20°47'56	1♍37	15°46	6°46	19°52	20°15	19♑34	18♏50	2°32	5°21	5°D41	6°21	0°18	n.a.	M 2
T 3	17 33 16	21°45'39	15°39	17° 6	7°46	20°27	20°27	19°30	18°48	2°34	5°22	5°R42	6°18	0°25	n.a.	T 3
W 4	17 37 12	22°43'24	29°47	18°25	8°46	21° 2	20°39	19°27	18°46	2°36	5°23	5♍41	6°15	0°31	n.a.	W 4
T 5	17 41 9	23°41'09	13♎58	19°42	9°46	21°37	20°52	19°23	18°44	2°38	5°24	5°40	6°11	0°38	n.a.	T 5
F 6	17 45 5	24°38'57	28°12	20°57	10°45	22°13	21° 4	19°19	18°42	2°40	5°25	5°36	6° 8	0°45	n.a.	F 6
S 7	17 49 2	25°36'45	12♏25	22°10	11°44	22°48	21°16	19°15	18°40	2°42	5°26	5°30	6° 5	0°51	n.a.	S 7
S 8	17 52 58	26°34'35	26°34	23°21	12°42	23°24	21°29	19°11	18°39	2°44	5°27	5°22	6° 2	0°58	n.a.	S 8
M 9	17 56 55	27°32'27	10♐35	24°30	13°40	24° 0	21°41	19° 6	18°37	2°47	5°28	5°11	5°59	1° 5	n.a.	M 9
T 10	18 0 52	28°30'20	24°22	25°36	14°38	24°37	21°54	19° 2	18°35	2°49	5°29	5° 1	5°55	1°11	n.a.	T 10
W11	18 4 48	29°28'15	7♑53	26°41	15°35	25°13	22° 6	18°58	18°34	2°51	5°30	4°51	5°52	1°18	n.a.	W11
T 12	18 8 45	0♋26'12	21° 5	27°43	16°32	25°50	22°19	18°54	18°32	2°53	5°31	4°42	5°49	1°25	n.a.	T 12
F 13	18 12 41	1°24'10	3♒56	28°42	17°28	26°27	22°31	18°50	18°30	2°55	5°32	4°36	5°46	1°31	n.a.	F 13
S 14	18 16 38	2°22'11	16°27	29°38	18°24	27° 4	22°44	18°45	18°29	2°57	5°33	4°32	5°43	1°38	n.a.	S 14
S 15	18 20 34	3°20'14	28°42	0♌32	19°19	27°42	22°57	18°41	18°27	2°59	5°33	4°30	5°40	1°45	n.a.	S 15
M16	18 24 31	4°18'18	10♓44	1°23	20°14	28°19	23° 9	18°36	18°26	3° 1	5°34	4°D30	5°36	1°51	n.a.	M16
T 17	18 28 27	5°16'25	22°37	2°10	21° 8	28°57	23°22	18°32	18°25	3° 3	5°35	4°31	5°33	1°58	n.a.	T 17
W18	18 32 24	6°14'34	4♈26	2°54	22° 2	29°35	23°35	18°27	18°23	3° 4	5°36	4°R31	5°30	2° 5	n.a.	W18
T 19	18 36 21	7°12'45	16°17	3°35	22°55	0♎13	23°47	18°23	18°22	3° 6	5°37	4°31	5°27	2°11	n.a.	T 19
F 20	18 40 17	8°10'58	28°14	4°11	23°48	0°51	24° 0	18°18	18°21	3° 8	5°37	4°29	5°24	2°18	n.a.	F 20
S 21	18 44 14	9° 9'14	10♉24	4°43	24°40	1°29	24°13	18°14	18°19	3°10	5°38	4°24	5°21	2°25	n.a.	S 21
S 22	18 48 10	10° 7'31	22°49	5°11	25°31	2° 8	24°26	18° 9	18°18	3°12	5°39	4°18	5°17	2°31	n.a.	S 22
M23	18 52 7	11° 5'51	5♊33	5°34	26°22	2°47	24°39	18° 5	18°17	3°14	5°40	4°10	5°14	2°38	n.a.	M23
T 24	18 56 3	12° 4'13	18°37	5°52	27°12	3°26	24°52	18° 0	18°16	3°16	5°40	4° 1	5°11	2°45	n.a.	T 24
W25	19 0 0	13° 2'38	2♋ 1	6° 5	28° 2	4° 5	25° 5	17°55	18°15	3°18	5°41	3°52	5° 8	2°51	n.a.	W25
T 26	19 3 56	14° 1'04	15°43	6°12	28°50	4°44	25°18	17°51	18°14	3°19	5°42	3°44	5° 5	2°58	n.a.	T 26
F 27	19 7 53	14°59'33	29°40	6°R13	29°38	5°23	25°31	17°46	18°13	3°21	5°42	3°38	5° 1	3° 5	n.a.	F 27
S 28	19 11 50	15°58'03	13♌48	6° 8	0♍25	6° 3	25°44	17°41	18°12	3°23	5°43	3°34	4°58	3°11	n.a.	S 28
S 29	19 15 46	16°56'35	28° 2	5°56	1°11	6°43	25°57	17°37	18°11	3°25	5°44	3°D33	4°55	3°18	n.a.	S 29
M30	19 19 43	17°55'09	12♍19	5°38	1°57	7°22	26°10	17°32	18°10	3°26	5°44	3°33	4°52	3°25	n.a.	M30
T 31	19 23 39	18♋53'45	26♍35	5♌13	2♍41	8♎ 2	26♋23	17♑27	18♏ 9	3♊28	5♉45	3♍34	4♍49	3♈31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n32	14n21	1s34	23n35	0n27	19n39	0n27	3n38	0s45	23n28	1n 6	23s49	1s23	17s44	0n 3	20n12	0s54	7n25	6s32	9n36	9n21	1s49			n.a.
M 2	23 36	10 47	0 22	23 17	0 19	19 19	0 22	3 23	0 46	23 27	1 5	23 50	1 23	17 44	0 3	20 13	0 54	7 25	6 32	9 37	9 22	1 47			n.a.
T 3	23 40	6 34	0n53	22 59	0 11	18 58	0 17	3 8	0 48	23 25	1 5	23 50	1 23	17 43	0 3	20 13	0 54	7 26	6 32	9 37	9 23	1 46			n.a.
W 4	23 43	1 59	2 4	22 40	0 2	18 37	0 11	2 53	0 49	23 23	1 5	23 51	1 23	17 42	0 3	20 13	0 54	7 26	6 32	9 37	9 24	1 44			n.a.
T 5	23 46	2s44	3 8	22 20	0s 7	18 15	0 6	2 37	0 50	23 21	1 5	23 52	1 23	17 42	0 3	20 14	0 54	7 26	6 32	9 37	9 25	1 42			n.a.
F 6	23 49	7 18	4 1	22 0	0 16	17 54	0s 0	2 22	0 51	23 19	1 5	23 53	1 23	17 41	0 3	20 14	0 54	7 26	6 32	9 39	9 27	1 40			n.a.
S 7	23 51	11 27	4 39	21 39	0 25	17 31	0 6	2 7	0 53	23 17	1 5	23 53	1 23	17 41	0 3	20 15	0 54	7 27	6 32	9 41	9 28	1 38			n.a.
S 8	23 53	14 56	4 59	21 17	0 35	17 9	0 12	1 51	0 54	23 15	1 5	23 54	1 24	17 41	0 3	20 15	0 54	7 27	6 32	9 44	9 29	1 36			n.a.
M 9	23 54	17 31	5 1	20 55	0 45	16 46	0 18	1 35	0 55	23 13	1 5	23 55	1 24	17 40	0 3	20 15	0 54	7 27	6 32	9 48	9 30	1 34			n.a.
T 10	23 55	19 3	4 46	20 34	0 55	16 23	0 24	1 20	0 56	23 11	1 5	23 56	1 24	17 40	0 3	20 16	0 54	7 27	6 32	9 52	9 31	1 32			n.a.
W11	23 55	19 27	4 15	20 11	1 5	16 0	0 31	1 4	0 57	23 9	1 5	23 56	1 24	17 39	0 3	20 16	0 54	7 28	6 32	9 56	9 33	1 30			n.a.
T 12	23 55	18 47	3 30	19 49	1 15	15 37	0 37	0 48	0 58	23 7	1 5	23 57	1 24	17 39	0 3	20 17	0 54	7 28	6 32	9 59	9 34	1 28			n.a.
F 13	23 55	17 9	2 36	19 27	1 25	15 13	0 44	0 32	0 59	23 5	1 5	23 58	1 24	17 38	0 3	20 17	0 54	7 28	6 32	10 1	9 35	1 26			n.a.
S 14	23 54	14 43	1 35	19 5	1 35	14 49	0 50	0 16	1 1	23 2	1 5	23 59	1 24	17 38	0 3	20 17	0 54	7 28	6 33	10 3	9 36	1 24			n.a.
S 15	23 53	11 41	0 31	18 43	1 46	14 25	0 57	0s 0	1 2	23 0	1 5	23 59	1 25	17 37	0 3	20 18	0 54	7 29	6 33	10 3	9 37	1 22			n.a.
M16	23 51	8 12	0s33	18 22	1 56	14 1	1 4	0 16	1 3	22 58	1 5	24 0	1 25	17 37	0 3	20 18	0 54	7 29	6 33	10 3	9 39	1 20			n.a.
T 17	23 49	4 27	1 36	18 1	2 7	13 37	1 11	0 33	1 4	22 56	1 5	24 1	1 25	17 37	0 3	20 19	0 54	7 29	6 33	10 3	9 40	1 18			n.a.
W18	23 46	0 33	2 33	17 41	2 17	13 12	1 19	0 49	1 5	22 54	1 5	24 2	1 25	17 36	0 3	20 19	0 54	7 29	6 33	10 3	9 41	1 16			n.a.
T 19	23 43	3n23	3 25	17 22	2 27	12 48	1 26	1 5	1 6	22 51	1 5	24 2	1 25	17 36	0 3	20 19	0 54	7 29	6 33	10 3	9 42	1 14			n.a.
F 20	23 40	7 13	4 8	17 3	2 38	12 23	1 34	1 22	1 7	22 49	1 5	24 3	1 25	17 36	0 3	20 20	0 54	7 30	6 33	10 4	9 43	1 12			n.a.
S 21	23 36	10 48	4 40	16 45	2 48	11 59	1 41	1 38	1 8	22 47	1 5	24 4	1 25	17 35	0 3	20 20	0 54	7 30	6 33	10 5	9 44	1 10			n.a.
S 22	23 32	14 1	5 0	16 29	2 58	11 34	1 49	1 55	1 9	22 45	1 5	24 5	1 25	17 35	0 3	20 20	0 54	7 30	6 33	10 8	9 46	1 8			n.a.
M23	23 27	16 38	5 6	16 14	3 7	11 9	1 57	2 11	1 9	22 42	1 6	24 5	1 26	17 35	0 3	20 21	0 54	7 30	6 33	10 11	9 47	1 6			n.a.
T 24	23 22	18 30	4 57	16 1	3 17	10 44	2 5	2 28	1 10	22 40	1 6	24 6	1 26	17 34	0 3	20 21	0 54	7 30	6 33	10 14	9 48	1 4			n.a.
W25	23 16	19 24	4 31	15 49	3 25	10 19	2 13	2 44	1 11	22 37	1 6	24 7	1 26	17 34	0 3	20 21	0 54	7 30	6 33	10 17	9 49	1 2			n.a.
T 26	23 10	19 12	3 49	15 39	3 34	9 55	2 21	3 1	1 12	22 35	1 6	24 8	1 26	17 34	0 3	20 22	0 54	7 30	6 34	10 20	9 50	1 0			n.a.
F 27	23 4	17 50	2 52	15 32	3 41	9 30	2 30	3 18	1 13	22 33	1 6	24 8	1 26	17 33	0 3	20 22	0 54	7 31	6 34	10 23	9 52	0 58			n.a.
S 28	22 57	15 21	1 45	15 26	3 48	9 5	2 38	3 35	1 14	22 30	1 6	24 9	1 26	17 33	0 3	20 22	0 54	7 31	6 34	10 24	9 53	0 56			n.a.
S 29	22 50	11 56	0 30	15 23	3 54	8 41	2 47	3 51	1 15	22 28	1 6	24 10	1 26	17 33	0 3	20 23	0 54	7 31	6 34	10 25	9 54	0 54			n.a.
M30	22 42	7 48	0n47	15 23	3 59	8 16	2 55	4 8	1 15	22 25	1 6	24 11	1 26	17 33	0 3	20 23	0 54	7 31	6 34	10 24	9 55	0 52			n.a.
T 31	22n34	3n14	2n 2	15n26	4s 3	7n52	3s 4	4s25	1s16	22n23	1n 6	24s11	1s26	17s33	0n 3	20n23	0s54	7n31	6s34	10n24	9n56	0s50			n.a.

Julian Day Number = 975763.5, Delta T = 13h19m50s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°13'01, Lahiri = -32°06'00 Julian Calendar 1 July 2042 BCE == Greg. Calendar 14 June 2042 BCE

The year -2041 astronomical counting style corresponds to year 2042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

AUGUST 2042 BCE (-2041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 27 36	19♋52'23	10♎48	4°R41	3♍25	8♎43	26♋36	17°R23	18°R 9	3♊30	5♉45	3♍35	4♍46	3♈38	n.a.	W 1
T 2	19 31 32	20°51'02	24°56	4♌ 3	4° 8	9°23	26°49	17♑18	18♏ 8	3°31	5°46	3°R35	4°42	3°45	n.a.	T 2
F 3	19 35 29	21°49'44	8♏58	3°18	4°49	10° 3	27° 2	17°13	18° 7	3°33	5°46	3°34	4°39	3°51	n.a.	F 3
S 4	19 39 25	22°48'27	22°52	2°27	5°30	10°44	27°15	17° 9	18° 7	3°35	5°47	3°31	4°36	3°58	n.a.	S 4
S 5	19 43 22	23°47'12	6♐37	1°31	6° 9	11°25	27°28	17° 4	18° 6	3°36	5°47	3°26	4°33	4° 5	n.a.	S 5
M 6	19 47 18	24°45'59	20°11	0°31	6°48	12° 5	27°41	16°59	18° 6	3°38	5°47	3°20	4°30	4°11	n.a.	M 6
T 7	19 51 15	25°44'49	3♑33	29♋28	7°25	12°46	27°54	16°55	18° 5	3°39	5°48	3°14	4°27	4°18	n.a.	T 7
W 8	19 55 12	26°43'40	16°41	28°23	8° 1	13°27	28° 7	16°50	18° 5	3°41	5°48	3° 8	4°23	4°25	n.a.	W 8
T 9	19 59 8	27°42'33	29°33	27°17	8°36	14° 8	28°20	16°46	18° 4	3°42	5°49	3° 3	4°20	4°31	n.a.	T 9
F 10	20 3 5	28°41'29	12♒10	26°14	9° 9	14°50	28°33	16°41	18° 4	3°44	5°49	2°59	4°17	4°38	n.a.	F 10
S 11	20 7 1	29°40'26	24°33	25°13	9°41	15°31	28°46	16°37	18° 4	3°45	5°49	2°57	4°14	4°45	n.a.	S 11
S 12	20 10 58	0♌39'26	6♓42	24°16	10°12	16°13	28°59	16°32	18° 4	3°47	5°50	2°D57	4°11	4°51	n.a.	S 12
M13	20 14 54	1°38'29	18°40	23°26	10°41	16°54	29°13	16°28	18° 4	3°48	5°50	2°58	4° 7	4°58	n.a.	M13
T 14	20 18 51	2°37'34	0♈32	22°44	11° 8	17°36	29°26	16°23	18° 3	3°49	5°50	3° 0	4° 4	5° 5	n.a.	T 14
W15	20 22 47	3°36'41	12°21	22°10	11°34	18°18	29°39	16°19	18° 3	3°51	5°50	3° 1	4° 1	5°11	n.a.	W15
T 16	20 26 44	4°35'50	24°11	21°45	11°58	19° 0	29°52	16°15	18°D 3	3°52	5°51	3° 3	3°58	5°18	n.a.	T 16
F 17	20 30 40	5°35'03	6♉ 9	21°31	12°21	19°42	0♌ 5	16°10	18° 3	3°53	5°51	3°R 3	3°55	5°25	n.a.	F 17
S 18	20 34 37	6°34'17	18°17	21°D26	12°42	20°24	0°18	16° 6	18° 3	3°54	5°51	3° 3	3°52	5°31	n.a.	S 18
S 19	20 38 34	7°33'34	0♊42	21°33	13° 1	21° 7	0°31	16° 2	18° 4	3°56	5°51	3° 1	3°48	5°38	n.a.	S 19
M20	20 42 30	8°32'54	13°28	21°49	13°18	21°49	0°44	15°58	18° 4	3°57	5°51	2°58	3°45	5°45	n.a.	M20
T 21	20 46 27	9°32'16	26°36	22°16	13°33	22°32	0°57	15°54	18° 4	3°58	5°51	2°55	3°42	5°51	n.a.	T 21
W22	20 50 23	10°31'41	10♋ 8	22°52	13°46	23°14	1°10	15°50	18° 4	3°59	5°51	2°51	3°39	5°58	n.a.	W22
T 23	20 54 20	11°31'08	24° 4	23°37	13°57	23°57	1°23	15°46	18° 5	4° 0	5°51	2°48	3°36	6° 5	n.a.	T 23
F 24	20 58 16	12°30'37	8♌20	24°30	14° 6	24°40	1°36	15°42	18° 5	4° 1	5°R51	2°46	3°33	6°11	n.a.	F 24
S 25	21 2 13	13°30'09	22°51	25°31	14°13	25°23	1°49	15°38	18° 6	4° 2	5°51	2°45	3°29	6°18	n.a.	S 25
S 26	21 6 9	14°29'42	7♍32	26°38	14°17	26° 6	2° 2	15°34	18° 6	4° 3	5°51	2°D44	3°26	6°25	n.a.	S 26
M27	21 10 6	15°29'18	22°15	27°52	14°R20	26°49	2°15	15°30	18° 7	4° 4	5°51	2°45	3°23	6°31	n.a.	M27
T 28	21 14 2	16°28'56	6♎55	29°10	14°20	27°32	2°28	15°27	18° 7	4° 5	5°51	2°46	3°20	6°38	n.a.	T 28
W29	21 17 59	17°28'35	21°25	0♌34	14°17	28°15	2°41	15°23	18° 8	4° 6	5°51	2°47	3°17	6°45	n.a.	W29
T 30	21 21 55	18°28'17	5♏43	2° 1	14°12	28°59	2°54	15°19	18° 9	4° 7	5°51	2°48	3°13	6°51	n.a.	T 30
F 31	21 25 52	19♌28'00	19♏45	3♌31	14♍ 5	29♎42	3♌ 7	15♑16	18♏ 9	4♊ 8	5♉51	2°R49	3♍10	6♈58	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	22n25	1s29	3n 8	15n31	4s 5	7n28	3s13	4s42	1s17	22n20	1n 6	24s12	1s26	17s32	0n 3	20n24	0s54	7n31	6s34	10n24	9n58	0s48			n.a.
T 2	22 16	6 5	4 3	15 39	4 6	7 4	3 22	4 59	1 18	22 18	1 6	24 13	1 27	17 32	0 3	20 24	0 54	7 31	6 34	10 24	9 59	0 46			n.a.
F 3	22 7	10 19	4 42	15 51	4 5	6 40	3 31	5 16	1 19	22 15	1 6	24 13	1 27	17 32	0 3	20 24	0 54	7 31	6 34	10 24	10 0	0 44			n.a.
S 4	21 57	13 57	5 5	16 5	4 2	6 16	3 40	5 33	1 19	22 13	1 6	24 14	1 27	17 32	0 3	20 25	0 54	7 31	6 34	10 25	10 1	0 42			n.a.
S 5	21 47	16 46	5 10	16 22	3 58	5 53	3 50	5 49	1 20	22 10	1 6	24 15	1 27	17 32	0 3	20 25	0 54	7 31	6 35	10 27	10 2	0 40			n.a.
M 6	21 36	18 37	4 57	16 41	3 51	5 30	3 59	6 6	1 21	22 7	1 6	24 15	1 27	17 32	0 3	20 25	0 54	7 31	6 35	10 29	10 3	0 38			n.a.
T 7	21 26	19 24	4 28	17 3	3 43	5 7	4 9	6 23	1 21	22 5	1 6	24 16	1 27	17 31	0 3	20 26	0 54	7 31	6 35	10 32	10 5	0 36			n.a.
W 8	21 14	19 8	3 46	17 27	3 32	4 45	4 18	6 40	1 22	22 2	1 6	24 17	1 27	17 31	0 3	20 26	0 54	7 31	6 35	10 34	10 6	0 34			n.a.
T 9	21 2	17 51	2 52	17 52	3 19	4 23	4 28	6 57	1 23	22 0	1 6	24 17	1 27	17 31	0 3	20 26	0 54	7 32	6 35	10 36	10 7	0 32			n.a.
F 10	20 50	15 43	1 51	18 19	3 5	4 1	4 37	7 14	1 23	21 57	1 6	24 18	1 27	17 31	0 3	20 26	0 54	7 32	6 35	10 37	10 8	0 30			n.a.
S 11	20 38	12 53	0 46	18 46	2 49	3 40	4 47	7 31	1 24	21 54	1 6	24 19	1 27	17 31	0 3	20 27	0 54	7 32	6 35	10 38	10 9	0 28			n.a.
S 12	20 25	9 33	0s21	19 13	2 31	3 20	4 57	7 48	1 25	21 52	1 6	24 19	1 27	17 31	0 3	20 27	0 54	7 32	6 35	10 38	10 11	0 26			n.a.
M13	20 12	5 52	1 25	19 40	2 13	3 0	5 7	8 5	1 25	21 49	1 6	24 20	1 27	17 31	0 3	20 27	0 54	7 32	6 35	10 37	10 12	0 24			n.a.
T 14	19 58	2 0	2 26	20 6	1 54	2 40	5 17	8 22	1 26	21 46	1 6	24 20	1 27	17 31	0 3	20 27	0 54	7 32	6 35	10 37	10 13	0 22			n.a.
W15	19 44	1n55	3 20	20 30	1 35	2 21	5 26	8 39	1 26	21 43	1 7	24 21	1 27	17 31	0 3	20 28	0 54	7 31	6 36	10 36	10 14	0 20			n.a.
T 16	19 30	5 46	4 5	20 53	1 15	2 3	5 36	8 55	1 27	21 41	1 7	24 22	1 27	17 31	0 3	20 28	0 54	7 31	6 36	10 36	10 15	0 18			n.a.
F 17	19 15	9 26	4 41	21 15	0 56	1 45	5 46	9 12	1 28	21 38	1 7	24 22	1 27	17 31	0 3	20 28	0 54	7 31	6 36	10 35	10 16	0 16			n.a.
S 18	19 0	12 45	5 4	21 34	0 37	1 28	5 56	9 29	1 28	21 35	1 7	24 23	1 27	17 31	0 3	20 28	0 54	7 31	6 36	10 36	10 18	0 14			n.a.
S 19	18 45	15 35	5 14	21 51	0 19	1 12	6 6	9 46	1 29	21 32	1 7	24 23	1 27	17 31	0 2	20 28	0 54	7 31	6 36	10 36	10 19	0 12			n.a.
M20	18 30	17 46	5 9	22 5	0 2	0 56	6 15	10 2	1 29	21 29	1 7	24 24	1 27	17 31	0 2	20 29	0 54	7 31	6 36	10 37	10 20	0 10			n.a.
T 21	18 14	19 5	4 48	22 17	0n14	0 41	6 25	10 19	1 30	21 26	1 7	24 24	1 27	17 31	0 2	20 29	0 54	7 31	6 36	10 39	10 21	0 8			n.a.
W22	17 57	19 22	4 11	22 25	0 29	0 28	6 34	10 36	1 30	21 24	1 7	24 25	1 27	17 31	0 2	20 29	0 54	7 31	6 36	10 40	10 22	0 6			n.a.
T 23	17 41	18 30	3 18	22 31	0 43	0 15	6 44	10 52	1 30	21 21	1 7	24 25	1 27	17 31	0 2	20 29	0 54	7 31	6 36	10 41	10 23	0 4			n.a.
F 24	17 24	16 27	2 11	22 34	0 56	0 3	6 53	11 9	1 31	21 18	1 7	24 26	1 27	17 32	0 2	20 29	0 54	7 31	6 36	10 42	10 25	0 2			n.a.
S 25	17 6	13 19	0 54	22 34	1 7	0s 8	7 2	11 25	1 31	21 15	1 7	24 26	1 27	17 32	0 2	20 30	0 54	7 31	6 37	10 42	10 26	0 0			n.a.
S 26	16 49	9 19	0n26	22 31	1 17	0 18	7 11	11 42	1 32	21 12	1 7	24 27	1 27	17 32	0 2	20 30	0 54	7 31	6 37	10 42	10 27	0n 2			n.a.
M27	16 31	4 45	1 46	22 25	1 26	0 27	7 19	11 58	1 32	21 9	1 8	24 27	1 27	17 32	0 2	20 30	0 54	7 31	6 37	10 42	10 28	0 4			n.a.
T 28	16 13	0s 5	2 58	22 16	1 33	0 34	7 27	12 14	1 33	21 6	1 8	24 28	1 27	17 32	0 2	20 30	0 54	7 31	6 37	10 42	10 29	0 6			n.a.
W29	15 55	4 51	3 58	22 4	1 40	0 41	7 35	12 31	1 33	21 3	1 8	24 28	1 27	17 32	0 2	20 30	0 54	7 30	6 37	10 41	10 30	0 8			n.a.
T 30	15 36	9 16	4 42	21 49	1 45	0 46	7 43	12 47	1 33	21 0	1 8	24 28	1 27	17 33	0 2	20 30	0 55	7 30	6 37	10 41	10 32	0 10			n.a.
F 31	15n17	13s 5	5n 9	21n32	1n50	0s50	7s50	13s 3	1s34	20n58	1n 8	24s29	1s27	17s33	0n 2	20n31	0s55	7n30	6s37	10n41	10n33	0n12			n.a.

Julian Day Number = 975794.5, Delta T = 13h19m48s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'57, Lahiri = -32°05'56 Julian Calendar 1 Aug. 2042 BCE == Greg. Calendar 15 July 2042 BCE

The year -2041 astronomical counting style corresponds to year 2042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

SEPTEMBER 2042 BCE (-2041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 29 49	20♌27'45	3♐30	5♌ 4	13°R55	0♏26	3♌19	15°R13	18♏10	4♊ 9	5°R51	2°R48	3♍ 7	7♈ 5	n.a.	S 1
S 2	21 33 45	21°27'33	17° 0	6°40	13♍43	1° 9	3°32	15♑ 9	18°11	4° 9	5♉50	2♍47	3° 4	7°11	n.a.	S 2
M 3	21 37 42	22°27'22	0♑14	8°17	13°29	1°53	3°45	15° 6	18°12	4°10	5°50	2°46	3° 1	7°18	n.a.	M 3
T 4	21 41 38	23°27'13	13°12	9°55	13°12	2°37	3°58	15° 3	18°13	4°11	5°50	2°45	2°58	7°25	n.a.	T 4
W 5	21 45 35	24°27'06	25°57	11°35	12°52	3°21	4°10	15° 0	18°14	4°11	5°50	2°44	2°54	7°31	n.a.	W 5
T 6	21 49 31	25°27'00	8♒29	13°16	12°31	4° 5	4°23	14°57	18°15	4°12	5°49	2°43	2°51	7°38	n.a.	T 6
F 7	21 53 28	26°26'57	20°50	14°57	12° 7	4°49	4°36	14°54	18°16	4°13	5°49	2°42	2°48	7°45	n.a.	F 7
S 8	21 57 24	27°26'56	3♓ 0	16°39	11°42	5°33	4°48	14°51	18°17	4°13	5°49	2°D42	2°45	7°51	n.a.	S 8
S 9	22 1 21	28°26'57	15° 1	18°20	11°14	6°17	5° 1	14°48	18°19	4°14	5°48	2°42	2°42	7°58	n.a.	S 9
M10	22 5 17	29°27'00	26°55	20° 2	10°45	7° 1	5°13	14°46	18°20	4°14	5°48	2°43	2°38	8° 5	n.a.	M10
T 11	22 9 14	0♍27'06	8♈45	21°44	10°14	7°45	5°26	14°43	18°21	4°15	5°48	2°43	2°35	8°11	n.a.	T 11
W12	22 13 11	1°27'13	20°34	23°26	9°41	8°29	5°38	14°41	18°23	4°15	5°47	2°43	2°32	8°18	n.a.	W12
T 13	22 17 7	2°27'23	2♉24	25° 7	9° 8	9°14	5°51	14°38	18°24	4°16	5°47	2°R43	2°29	8°25	n.a.	T 13
F 14	22 21 4	3°27'35	14°21	26°48	8°33	9°58	6° 3	14°36	18°25	4°16	5°46	2°43	2°26	8°31	n.a.	F 14
S 15	22 25 0	4°27'49	26°27	28°29	7°57	10°43	6°15	14°34	18°27	4°16	5°46	2°43	2°23	8°38	n.a.	S 15
S 16	22 28 57	5°28'06	8♊48	0♍10	7°22	11°27	6°28	14°32	18°29	4°17	5°45	2°D43	2°19	8°45	n.a.	S 16
M17	22 32 53	6°28'24	21°29	1°50	6°45	12°12	6°40	14°30	18°30	4°17	5°45	2°43	2°16	8°51	n.a.	M17
T 18	22 36 50	7°28'45	4♋32	3°30	6° 9	12°57	6°52	14°28	18°32	4°17	5°44	2°44	2°13	8°58	n.a.	T 18
W19	22 40 46	8°29'09	18° 0	5° 9	5°33	13°41	7° 4	14°26	18°33	4°18	5°44	2°44	2°10	9° 5	n.a.	W19
T 20	22 44 43	9°29'34	1♌56	6°48	4°57	14°26	7°16	14°25	18°35	4°18	5°43	2°45	2° 7	9°11	n.a.	T 20
F 21	22 48 40	10°30'01	16°17	8°27	4°22	15°11	7°28	14°23	18°37	4°18	5°43	2°45	2° 4	9°18	n.a.	F 21
S 22	22 52 36	11°30'31	1♍ 1	10° 5	3°48	15°56	7°40	14°21	18°39	4°18	5°42	2°R45	2° 0	9°25	n.a.	S 22
S 23	22 56 33	12°31'02	16° 0	11°43	3°15	16°41	7°52	14°20	18°41	4°18	5°41	2°45	1°57	9°31	n.a.	S 23
M24	23 0 29	13°31'35	1♎ 6	13°20	2°43	17°26	8° 4	14°19	18°43	4°18	5°41	2°45	1°54	9°38	n.a.	M24
T 25	23 4 26	14°32'09	16°11	14°57	2°13	18°11	8°16	14°18	18°45	4°R18	5°40	2°43	1°51	9°45	n.a.	T 25
W26	23 8 22	15°32'45	1♏ 5	16°33	1°45	18°56	8°28	14°17	18°47	4°18	5°39	2°42	1°48	9°51	n.a.	W26
T 27	23 12 19	16°33'23	15°41	18°10	1°18	19°41	8°39	14°16	18°49	4°18	5°39	2°40	1°44	9°58	n.a.	T 27
F 28	23 16 15	17°34'02	29°55	19°45	0°53	20°27	8°51	14°15	18°51	4°18	5°38	2°39	1°41	10° 5	n.a.	F 28
S 29	23 20 12	18°34'43	13♐45	21°21	0°31	21°12	9° 2	14°14	18°53	4°18	5°37	2°D38	1°38	10°11	n.a.	S 29
S 30	23 24 8	19♍35'25	27♐10	22♍56	0♍11	21♏57	9♌14	14♑13	18♏55	4♊18	5♉36	2♍38	1♍35	10♈18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	16s 6	5n17	21n13	1n53	0s52	7s57	13s19	1s34	20n55	1n 8	24s29	1s27	17s33	0n 2	20n31	0s55	7n30	6s37	10n41	10n34	0n14		n.a.
S 2	14 38	18 11	5 7	20 51	1 55	0 53	8 3	13 35	1 34	20 52	1 8	24 30	1 27	17 33	0 2	20 31	0 55	7 30	6 37	10 41	10 35	0 16		n.a.
M 3	14 18	19 14	4 41	20 27	1 57	0 53	8 9	13 51	1 35	20 49	1 8	24 30	1 27	17 34	0 2	20 31	0 55	7 30	6 37	10 42	10 36	0 18		n.a.
T 4	13 58	19 15	4 2	20 0	1 58	0 51	8 14	14 6	1 35	20 46	1 8	24 30	1 27	17 34	0 2	20 31	0 55	7 29	6 38	10 42	10 37	0 20		n.a.
W 5	13 38	18 16	3 10	19 33	1 58	0 48	8 18	14 22	1 35	20 43	1 8	24 31	1 27	17 34	0 2	20 31	0 55	7 29	6 38	10 43	10 39	0 22		n.a.
T 6	13 18	16 25	2 11	19 3	1 57	0 43	8 22	14 38	1 35	20 40	1 9	24 31	1 27	17 35	0 2	20 31	0 55	7 29	6 38	10 43	10 40	0 24		n.a.
F 7	12 57	13 49	1 6	18 32	1 56	0 37	8 25	14 53	1 36	20 37	1 9	24 31	1 27	17 35	0 2	20 31	0 55	7 29	6 38	10 43	10 41	0 26		n.a.
S 8	12 36	10 38	0s 2	17 59	1 54	0 29	8 28	15 8	1 36	20 34	1 9	24 32	1 27	17 35	0 2	20 32	0 55	7 29	6 38	10 43	10 42	0 28		n.a.
S 9	12 15	7 4	1 8	17 25	1 52	0 20	8 29	15 24	1 36	20 31	1 9	24 32	1 27	17 36	0 2	20 32	0 55	7 29	6 38	10 43	10 43	0 30		n.a.
M10	11 54	3 14	2 11	16 49	1 49	0 10	8 30	15 39	1 36	20 28	1 9	24 32	1 27	17 36	0 2	20 32	0 55	7 28	6 38	10 43	10 44	0 32		n.a.
T 11	11 32	0n41	3 7	16 13	1 46	0n 2	8 30	15 54	1 37	20 25	1 9	24 32	1 27	17 36	0 2	20 32	0 55	7 28	6 38	10 43	10 46	0 34		n.a.
W12	11 10	4 33	3 56	15 36	1 43	0 15	8 29	16 9	1 37	20 22	1 9	24 33	1 27	17 37	0 2	20 32	0 55	7 28	6 38	10 43	10 47	0 36		n.a.
T 13	10 49	8 16	4 35	14 57	1 39	0 30	8 27	16 23	1 37	20 19	1 9	24 33	1 27	17 37	0 2	20 32	0 55	7 28	6 38	10 43	10 48	0 38		n.a.
F 14	10 26	11 40	5 2	14 18	1 34	0 46	8 24	16 38	1 37	20 16	1 10	24 33	1 27	17 38	0 2	20 32	0 55	7 27	6 38	10 43	10 49	0 40		n.a.
S 15	10 4	14 38	5 16	13 38	1 30	1 2	8 20	16 52	1 37	20 13	1 10	24 33	1 27	17 38	0 2	20 32	0 55	7 27	6 39	10 43	10 50	0 42		n.a.
S 16	9 42	17 1	5 16	12 58	1 25	1 20	8 15	17 7	1 37	20 10	1 10	24 33	1 27	17 38	0 2	20 32	0 55	7 27	6 39	10 43	10 51	0 44		n.a.
M17	9 19	18 38	5 1	12 17	1 20	1 39	8 9	17 21	1 38	20 7	1 10	24 34	1 27	17 39	0 2	20 32	0 55	7 27	6 39	10 43	10 53	0 46		n.a.
T 18	8 56	19 21	4 30	11 35	1 15	1 59	8 3	17 35	1 38	20 4	1 10	24 34	1 27	17 39	0 2	20 32	0 55	7 26	6 39	10 43	10 54	0 48		n.a.
W19	8 33	18 59	3 44	10 53	1 9	2 19	7 55	17 49	1 38	20 1	1 10	24 34	1 27	17 40	0 2	20 32	0 55	7 26	6 39	10 42	10 55	0 50		n.a.
T 20	8 10	17 29	2 43	10 10	1 3	2 40	7 47	18 3	1 38	19 58	1 10	24 34	1 27	17 40	0 2	20 32	0 55	7 26	6 39	10 42	10 56	0 52		n.a.
F 21	7 47	14 51	1 30	9 27	0 58	3 1	7 37	18 17	1 38	19 55	1 11	24 34	1 27	17 41	0 2	20 32	0 55	7 26	6 39	10 42	10 57	0 54		n.a.
S 22	7 23	11 11	0 10	8 44	0 52	3 23	7 27	18 30	1 38	19 52	1 11	24 34	1 27	17 41	0 2	20 32	0 55	7 25	6 39	10 42	10 58	0 56		n.a.
S 23	7 0	6 45	1n13	8 1	0 46	3 45	7 17	18 43	1 38	19 49	1 11	24 34	1 27	17 42	0 2	20 32	0 55	7 25	6 39	10 42	11 0	0 58		n.a.
M24	6 36	1 51	2 31	7 17	0 40	4 7	7 5	18 57	1 38	19 46	1 11	24 34	1 27	17 43	0 2	20 32	0 55	7 25	6 39	10 42	11 1	1 0		n.a.
T 25	6 12	3s 8	3 38	6 33	0 33	4 29	6 53	19 10	1 38	19 43	1 11	24 35	1 27	17 43	0 2	20 32	0 55	7 25	6 39	10 43	11 2	1 2		n.a.
W26	5 49	7 52	4 30	5 49	0 27	4 51	6 41	19 22	1 38	19 40	1 11	24 35	1 26	17 44	0 2	20 32	0 55	7 24	6 39	10 43	11 3	1 4		n.a.
T 27	5 25	12 2	5 3	5 5	0 21	5 12	6 28	19 35	1 38	19 37	1 12	24 35	1 26	17 44	0 2	20 32	0 55	7 24	6 39	10 44	11 4	1 6		n.a.
F 28	5 1	15 24	5 16	4 21	0 14	5 33	6 14	19 48	1 38	19 34	1 12	24 35	1 26	17 45	0 2	20 32	0 55	7 24	6 40	10 44	11 5	1 8		n.a.
S 29	4 36	17 46	5 11	3 37	0 8	5 54	6 1	20 0	1 38	19 31	1 12	24 35	1 26	17 45	0 2	20 32	0 55	7 23	6 40	10 45	11 7	1 10		n.a.
S 30	4n12	19s 5	4n48	2n53	0n 1	6n14	5s47	20s12	1s38	19n28	1n12	24s35	1s26	17s46	0n 2	20n32	0s55	7n23	6s40	10n45	11n 8	1n12		n.a.

Julian Day Number = 975825.5, Delta T = 13h19m46s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'52, Lahiri = -32°05'52 Julian Calendar 1 Sept. 2042 BCE == Greg. Calendar 15 Aug. 2042 BCE

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

OCTOBER 2042 BCE (-2041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 28 5	20♍36'08	10♉14	24♍31	29°R53	22♏42	9♌25	14°R13	18♏57	4°R17	5°R35	2♍39	1♍32	10♈25	n.a.	M 1
T 2	23 32 2	21°36'52	22°58	26° 6	29♌37	23°28	9°36	14♉12	19° 0	4♊17	5♉35	2°41	1°29	10°31	n.a.	T 2
W 3	23 35 58	22°37'38	5♒27	27°40	29°24	24°13	9°48	14°12	19° 2	4°17	5°34	2°42	1°25	10°38	n.a.	W 3
T 4	23 39 55	23°38'25	17°43	29°14	29°13	24°59	9°59	14°12	19° 4	4°17	5°33	2°43	1°22	10°45	n.a.	T 4
F 5	23 43 51	24°39'14	29°49	0♎48	29° 5	25°44	10°10	14°D12	19° 7	4°16	5°32	2°R44	1°19	10°52	n.a.	F 5
S 6	23 47 48	25°40'03	11♓47	2°22	28°59	26°29	10°21	14°12	19° 9	4°16	5°31	2°44	1°16	10°58	n.a.	S 6
S 7	23 51 44	26°40'54	23°41	3°55	28°55	27°15	10°32	14°12	19°12	4°15	5°30	2°42	1°13	11° 5	n.a.	S 7
M 8	23 55 41	27°41'47	5♈32	5°28	28°D55	28° 1	10°43	14°12	19°14	4°15	5°29	2°39	1° 9	11°12	n.a.	M 8
T 9	23 59 37	28°42'41	17°21	7° 1	28°56	28°46	10°53	14°13	19°17	4°15	5°29	2°35	1° 6	11°18	n.a.	T 9
W10	0 3 34	29°43'36	29°12	8°34	29° 0	29°32	11° 4	14°13	19°19	4°14	5°28	2°31	1° 3	11°25	n.a.	W10
T 11	0 7 31	0♎44'33	11♉ 5	10° 7	29° 6	0♐17	11°15	14°14	19°22	4°13	5°27	2°25	1° 0	11°32	n.a.	T 11
F 12	0 11 27	1°45'31	23° 4	11°39	29°15	1° 3	11°25	14°14	19°24	4°13	5°26	2°20	0°57	11°38	n.a.	F 12
S 13	0 15 24	2°46'31	5♊12	13°12	29°26	1°49	11°35	14°15	19°27	4°12	5°25	2°16	0°54	11°45	n.a.	S 13
S 14	0 19 20	3°47'33	17°31	14°44	29°39	2°34	11°46	14°16	19°30	4°12	5°24	2°14	0°50	11°52	n.a.	S 14
M15	0 23 17	4°48'35	0♋ 6	16°16	29°54	3°20	11°56	14°17	19°33	4°11	5°23	2°D12	0°47	11°58	n.a.	M15
T 16	0 27 13	5°49'40	13° 1	17°48	0♍12	4° 6	12° 6	14°18	19°35	4°10	5°22	2°12	0°44	12° 5	n.a.	T 16
W17	0 31 10	6°50'45	26°19	19°19	0°31	4°51	12°16	14°19	19°38	4°10	5°21	2°14	0°41	12°12	n.a.	W17
T 18	0 35 6	7°51'52	10♌ 4	20°51	0°53	5°37	12°26	14°20	19°41	4° 9	5°20	2°15	0°38	12°18	n.a.	T 18
F 19	0 39 3	8°53'00	24°16	22°22	1°16	6°23	12°36	14°22	19°44	4° 8	5°19	2°16	0°35	12°25	n.a.	F 19
S 20	0 43 0	9°54'10	8♍53	23°53	1°41	7° 9	12°46	14°23	19°47	4° 7	5°18	2°R16	0°31	12°32	n.a.	S 20
S 21	0 46 56	10°55'20	23°53	25°24	2° 8	7°55	12°55	14°25	19°50	4° 6	5°16	2°15	0°28	12°38	n.a.	S 21
M22	0 50 53	11°56'32	9♎ 7	26°54	2°36	8°40	13° 5	14°27	19°53	4° 6	5°15	2°11	0°25	12°45	n.a.	M22
T 23	0 54 49	12°57'44	24°25	28°24	3° 6	9°26	13°14	14°29	19°56	4° 5	5°14	2° 6	0°22	12°52	n.a.	T 23
W24	0 58 46	13°58'57	9♏37	29°53	3°38	10°12	13°23	14°31	19°59	4° 4	5°13	1°59	0°19	12°58	n.a.	W24
T 25	1 2 42	15° 0'11	24°32	1♏22	4°11	10°58	13°33	14°33	20° 2	4° 3	5°12	1°52	0°15	13° 5	n.a.	T 25
F 26	1 6 39	16° 1'26	9♐ 2	2°50	4°46	11°44	13°42	14°35	20° 5	4° 2	5°11	1°46	0°12	13°12	n.a.	F 26
S 27	1 10 35	17° 2'41	23° 4	4°18	5°22	12°30	13°51	14°37	20° 8	4° 1	5°10	1°42	0° 9	13°18	n.a.	S 27
S 28	1 14 32	18° 3'56	6♑36	5°44	6° 0	13°16	14° 0	14°39	20°11	4° 0	5° 9	1°39	0° 6	13°25	n.a.	S 28
M29	1 18 29	19° 5'12	19°41	7° 9	6°38	14° 2	14° 8	14°42	20°14	3°59	5° 7	1°D38	0° 3	13°32	n.a.	M29
T 30	1 22 25	20° 6'28	2♒22	8°33	7°18	14°47	14°17	14°44	20°17	3°57	5° 6	1°39	29♌59	13°39	n.a.	T 30
W31	1 26 22	21♎ 7'45	14♒44	9♏56	8♍ 0	15♐33	14♌25	14♑47	20♏21	3♊56	5♉ 5	1♍40	29♌56	13♈45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	3n48	19s21	4n11	2n 9	0s 5	6n34	5s32	20s24	1s38	19n25	1n12	24s35	1s26	17s47	0n 2	20n32	0s55	7n23	6s40	10n44	11n 9	1n14			n.a.
T 2	3 23	18 36	3 23	1 24	0 12	6 53	5 18	20 36	1 38	19 22	1 12	24 35	1 26	17 47	0 2	20 32	0 55	7 22	6 40	10 44	11 10	1 16			n.a.
W 3	2 59	16 57	2 25	0 40	0 18	7 11	5 3	20 47	1 38	19 19	1 13	24 35	1 26	17 48	0 2	20 32	0 55	7 22	6 40	10 43	11 11	1 18			n.a.
T 4	2 34	14 32	1 22	0s 4	0 25	7 29	4 49	20 59	1 38	19 16	1 13	24 35	1 26	17 49	0 2	20 32	0 55	7 22	6 40	10 43	11 12	1 20			n.a.
F 5	2 10	11 31	0 16	0 48	0 31	7 45	4 34	21 10	1 38	19 13	1 13	24 35	1 26	17 49	0 2	20 32	0 55	7 21	6 40	10 42	11 13	1 22			n.a.
S 6	1 45	8 3	0s50	1 31	0 37	8 1	4 19	21 21	1 38	19 11	1 13	24 34	1 26	17 50	0 2	20 31	0 55	7 21	6 40	10 43	11 15	1 24			n.a.
S 7	1 21	4 17	1 53	2 15	0 44	8 16	4 5	21 31	1 38	19 8	1 13	24 34	1 26	17 51	0 2	20 31	0 55	7 21	6 40	10 43	11 16	1 26			n.a.
M 8	0 56	0 22	2 51	2 58	0 50	8 30	3 50	21 42	1 37	19 5	1 14	24 34	1 26	17 51	0 2	20 31	0 55	7 20	6 40	10 44	11 17	1 28			n.a.
T 9	0 31	3n33	3 41	3 42	0 56	8 43	3 36	21 52	1 37	19 2	1 14	24 34	1 26	17 52	0 2	20 31	0 55	7 20	6 40	10 46	11 18	1 31			n.a.
W10	0 7	7 20	4 22	4 25	1 2	8 54	3 22	22 2	1 37	18 59	1 14	24 34	1 26	17 53	0 2	20 31	0 55	7 20	6 40	10 47	11 19	1 33			n.a.
T 11	0s18	10 51	4 52	5 7	1 8	9 5	3 8	22 12	1 37	18 56	1 14	24 34	1 25	17 54	0 2	20 31	0 55	7 19	6 40	10 49	11 20	1 35			n.a.
F 12	0 43	13 56	5 9	5 49	1 14	9 15	2 54	22 22	1 37	18 54	1 14	24 34	1 25	17 54	0 2	20 31	0 55	7 19	6 40	10 51	11 22	1 37			n.a.
S 13	1 8	16 29	5 12	6 31	1 19	9 24	2 41	22 31	1 37	18 51	1 15	24 34	1 25	17 55	0 2	20 31	0 55	7 19	6 40	10 53	11 23	1 39			n.a.
S 14	1 32	18 19	5 2	7 13	1 25	9 32	2 27	22 41	1 37	18 48	1 15	24 33	1 25	17 56	0 2	20 31	0 55	7 18	6 40	10 54	11 24	1 41			n.a.
M15	1 57	19 19	4 37	7 54	1 30	9 39	2 14	22 50	1 36	18 45	1 15	24 33	1 25	17 57	0 2	20 30	0 55	7 18	6 40	10 54	11 25	1 43			n.a.
T 16	2 22	19 20	3 57	8 35	1 35	9 44	2 2	22 58	1 36	18 43	1 15	24 33	1 25	17 57	0 2	20 30	0 55	7 17	6 40	10 54	11 26	1 45			n.a.
W17	2 46	18 19	3 4	9 15	1 40	9 49	1 49	23 7	1 36	18 40	1 15	24 33	1 25	17 58	0 2	20 30	0 55	7 17	6 40	10 54	11 27	1 47			n.a.
T 18	3 11	16 11	1 58	9 55	1 45	9 53	1 37	23 15	1 36	18 37	1 16	24 33	1 25	17 59	0 2	20 30	0 55	7 17	6 40	10 53	11 28	1 49			n.a.
F 19	3 35	13 1	0 44	10 34	1 50	9 55	1 25	23 23	1 36	18 35	1 16	24 32	1 25	18 0	0 2	20 30	0 55	7 16	6 40	10 53	11 30	1 51			n.a.
S 20	4 0	8 57	0n36	11 13	1 54	9 57	1 13	23 31	1 35	18 32	1 16	24 32	1 25	18 1	0 2	20 30	0 55	7 16	6 40	10 53	11 31	1 53			n.a.
S 21	4 24	4 14	1 55	11 51	1 58	9 58	1 2	23 38	1 35	18 30	1 16	24 32	1 25	18 1	0 2	20 29	0 55	7 16	6 40	10 53	11 32	1 55			n.a.
M22	4 49	0s50	3 7	12 28	2 2	9 58	0 51	23 46	1 35	18 27	1 17	24 32	1 25	18 2	0 2	20 29	0 55	7 15	6 40	10 55	11 33	1 57			n.a.
T 23	5 13	5 51	4 6	13 4	2 5	9 57	0 40	23 53	1 35	18 25	1 17	24 31	1 25	18 3	0 2	20 29	0 55	7 15	6 40	10 57	11 34	1 59			n.a.
W24	5 37	10 28	4 46	13 39	2 8	9 55	0 30	23 59	1 34	18 22	1 17	24 31	1 25	18 4	0 2	20 29	0 55	7 15	6 40	10 59	11 35	2 1			n.a.
T 25	6 2	14 20	5 7	14 14	2 11	9 52	0 20	24 6	1 34	18 20	1 17	24 31	1 24	18 5	0 2	20 29	0 55	7 14	6 41	11 1	11 36	2 3			n.a.
F 26	6 26	17 12	5 7	14 47	2 14	9 48	0 10	24 12	1 34	18 17	1 17	24 30	1 24	18 6	0 2	20 29	0 56	7 14	6 41	11 4	11 38	2 5			n.a.
S 27	6 50	18 56	4 48	15 20	2 15	9 44	0 0	24 18	1 34	18 15	1 18	24 30	1 24	18 7	0 2	20 28	0 56	7 13	6 41	11 5	11 39	2 7			n.a.
S 28	7 13	19 32	4 14	15 51	2 17	9 38	0n 9	24 24	1 33	18 12	1 18	24 30	1 24	18 7	0 2	20 28	0 56	7 13	6 41	11 6	11 40	2 9			n.a.
M29	7 37	19 2	3 27	16 21	2 18	9 32	0 18	24 29	1 33	18 10	1 18	24 29	1 24	18 8	0 2	20 28	0 56	7 13	6 40	11 6	11 41	2 11			n.a.
T 30	8 1	17 34	2 32	16 49	2 18	9 25	0 27	24 34	1 33	18 8	1 18	24 29	1 24	18 9	0 2	20 28	0 56	7 12	6 40	11 6	11 42	2 13			n.a.
W31	8s24	15s18	1n30	17s16	2s18	9n17	0n35	24s39	1s32	18n 5	1n19	24s29	1s24	18s10	0n 2	20n27	0s56	7n12	6s40	11n 6	11n43	2n15			n.a.

Julian Day Number = 975855.5, Delta T = 13h19m44s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'48, Lahiri = -32°05'48 Julian Calendar 1 Oct. 2042 BCE == Greg. Calendar 14 Sept. 2042 BCE

The year -2041 astronomical counting style corresponds to year 2042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

NOVEMBER 2042 BCE (-2041) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 30 18	22♎ 9'01	26♒51	11♏16	8♍42	16♐19	14♌34	14♑50	20♏24	3°R55	5°R 4	1°R41	29♌53	13♈52	n.a.	T 1
F 2	1 34 15	23°10'18	8♓49	12°35	9°25	17° 5	14°42	14°53	20°27	3♊54	5♉ 3	1♍41	29°50	13°59	n.a.	F 2
S 3	1 38 11	24°11'35	20°40	13°51	10°10	17°51	14°50	14°56	20°30	3°53	5° 2	1°39	29°47	14° 5	n.a.	S 3
S 4	1 42 8	25°12'52	2♈29	15° 4	10°55	18°37	14°58	14°59	20°34	3°52	5° 0	1°34	29°44	14°12	n.a.	S 4
M 5	1 46 4	26°14'10	14°18	16°13	11°42	19°23	15° 6	15° 2	20°37	3°50	4°59	1°27	29°41	14°19	n.a.	M 5
T 6	1 50 1	27°15'28	26°10	17°19	12°29	20° 9	15°13	15° 5	20°40	3°49	4°58	1°18	29°37	14°25	n.a.	T 6
W 7	1 53 58	28°16'46	8♉ 5	18°19	13°18	20°55	15°21	15° 9	20°44	3°48	4°57	1° 6	29°34	14°32	n.a.	W 7
T 8	1 57 54	29°18'04	20° 6	19°15	14° 7	21°41	15°28	15°12	20°47	3°46	4°56	0°55	29°31	14°39	n.a.	T 8
F 9	2 1 51	0♏19'23	2♊13	20° 4	14°57	22°26	15°36	15°16	20°50	3°45	4°54	0°43	29°28	14°45	n.a.	F 9
S 10	2 5 47	1°20'42	14°28	20°47	15°48	23°12	15°43	15°19	20°54	3°44	4°53	0°33	29°25	14°52	n.a.	S 10
S 11	2 9 44	2°22'02	26°53	21°22	16°40	23°58	15°50	15°23	20°57	3°42	4°52	0°25	29°21	14°59	n.a.	S 11
M12	2 13 40	3°23'21	9♋31	21°48	17°33	24°44	15°57	15°27	21° 1	3°41	4°51	0°19	29°18	15° 5	n.a.	M12
T 13	2 17 37	4°24'42	22°23	22° 4	18°26	25°30	16° 3	15°31	21° 4	3°40	4°50	0°17	29°15	15°12	n.a.	T 13
W14	2 21 34	5°26'02	5♌34	22°R10	19°20	26°16	16°10	15°35	21° 8	3°38	4°48	0°D16	29°12	15°19	n.a.	W14
T 15	2 25 30	6°27'22	19° 7	22° 5	20°14	27° 1	16°16	15°39	21°11	3°37	4°47	0°16	29° 9	15°25	n.a.	T 15
F 16	2 29 27	7°28'43	3♍ 3	21°48	21°10	27°47	16°23	15°43	21°15	3°35	4°46	0°R16	29° 6	15°32	n.a.	F 16
S 17	2 33 23	8°30'04	17°24	21°19	22° 6	28°33	16°29	15°47	21°18	3°34	4°45	0°15	29° 2	15°39	n.a.	S 17
S 18	2 37 20	9°31'25	2♎ 8	20°39	23° 2	29°19	16°35	15°52	21°21	3°32	4°44	0°12	28°59	15°46	n.a.	S 18
M19	2 41 16	10°32'46	17°10	19°48	23°59	0♑ 5	16°41	15°56	21°25	3°31	4°42	0° 5	28°56	15°52	n.a.	M19
T 20	2 45 13	11°34'07	2♏21	18°46	24°57	0°50	16°46	16° 1	21°29	3°29	4°41	29♌56	28°53	15°59	n.a.	T 20
W21	2 49 9	12°35'27	17°32	17°37	25°55	1°36	16°52	16° 5	21°32	3°28	4°40	29°46	28°50	16° 6	n.a.	W21
T 22	2 53 6	13°36'48	2♐32	16°21	26°53	2°22	16°57	16°10	21°36	3°26	4°39	29°34	28°46	16°12	n.a.	T 22
F 23	2 57 3	14°38'07	17°11	15° 2	27°53	3° 8	17° 2	16°15	21°39	3°24	4°38	29°23	28°43	16°19	n.a.	F 23
S 24	3 0 59	15°39'27	1♑23	13°42	28°52	3°53	17° 7	16°20	21°43	3°23	4°36	29°15	28°40	16°26	n.a.	S 24
S 25	3 4 56	16°40'45	15° 5	12°23	29°52	4°39	17°12	16°25	21°46	3°21	4°35	29° 8	28°37	16°32	n.a.	S 25
M26	3 8 52	17°42'03	28°18	11° 8	0♎53	5°25	17°17	16°30	21°50	3°20	4°34	29° 5	28°34	16°39	n.a.	M26
T 27	3 12 49	18°43'20	11♒ 3	9°59	1°54	6°10	17°21	16°35	21°53	3°18	4°33	29° 3	28°31	16°46	n.a.	T 27
W28	3 16 45	19°44'36	23°27	8°58	2°55	6°56	17°25	16°40	21°57	3°16	4°32	29° 3	28°27	16°52	n.a.	W28
T 29	3 20 42	20°45'51	5♓34	8° 5	3°56	7°42	17°30	16°45	22° 0	3°15	4°31	29° 3	28°24	16°59	n.a.	T 29
F 30	3 24 39	21♏47'05	17♓29	7♏21	4♎58	8♑27	17♌34	16♑51	22♏ 4	3♊13	4♉29	29♌ 2	28♌21	17♈ 6	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s48	12 s24	0n26	17 s41	2 s17	9n 8	0n43	24 s44	1 s32	18n 3	1n19	24 s28	1 s24	18 s11	0n 2	20n27	0 s56	7n12	6 s40	11n 5	11n44	2n17		n.a.
F 2	9 11	9 1	0 s38	18 4	2 15	8 59	0 51	24 48	1 32	18 1	1 19	24 28	1 24	18 12	0 2	20 27	0 56	7 11	6 40	11 5	11 46	2 19		n.a.
S 3	9 34	5 18	1 40	18 25	2 13	8 49	0 58	24 52	1 31	17 59	1 19	24 28	1 24	18 13	0 2	20 27	0 56	7 11	6 40	11 6	11 47	2 21		n.a.
S 4	9 57	1 24	2 38	18 45	2 10	8 38	1 6	24 56	1 31	17 57	1 20	24 27	1 24	18 14	0 2	20 26	0 56	7 10	6 40	11 8	11 48	2 24		n.a.
M 5	10 20	2n34	3 28	19 2	2 6	8 26	1 13	25 0	1 31	17 54	1 20	24 27	1 24	18 15	0 2	20 26	0 56	7 10	6 40	11 11	11 49	2 26		n.a.
T 6	10 42	6 26	4 10	19 16	2 0	8 14	1 19	25 3	1 30	17 52	1 20	24 26	1 24	18 15	0 2	20 26	0 56	7 10	6 40	11 14	11 50	2 28		n.a.
W 7	11 5	10 5	4 40	19 28	1 54	8 1	1 26	25 6	1 30	17 50	1 21	24 26	1 24	18 16	0 2	20 26	0 56	7 9	6 40	11 18	11 51	2 30		n.a.
T 8	11 27	13 20	4 59	19 36	1 47	7 47	1 32	25 9	1 30	17 48	1 21	24 25	1 23	18 17	0 2	20 25	0 56	7 9	6 40	11 22	11 52	2 32		n.a.
F 9	11 49	16 4	5 4	19 42	1 38	7 33	1 38	25 11	1 29	17 46	1 21	24 25	1 23	18 18	0 2	20 25	0 56	7 9	6 40	11 27	11 54	2 34		n.a.
S 10	12 11	18 7	4 55	19 44	1 29	7 18	1 44	25 13	1 29	17 45	1 21	24 24	1 23	18 19	0 2	20 25	0 56	7 8	6 40	11 30	11 55	2 36		n.a.
S 11	12 32	19 21	4 33	19 43	1 18	7 2	1 49	25 15	1 28	17 43	1 22	24 24	1 23	18 20	0 2	20 25	0 56	7 8	6 40	11 33	11 56	2 38		n.a.
M12	12 54	19 39	3 56	19 38	1 5	6 46	1 55	25 17	1 28	17 41	1 22	24 23	1 23	18 21	0 2	20 24	0 56	7 7	6 40	11 35	11 57	2 40		n.a.
T 13	13 15	18 57	3 8	19 29	0 51	6 30	2 0	25 18	1 28	17 39	1 22	24 23	1 23	18 22	0 2	20 24	0 56	7 7	6 40	11 36	11 58	2 42		n.a.
W14	13 36	17 12	2 8	19 16	0 36	6 12	2 4	25 19	1 27	17 37	1 22	24 22	1 23	18 23	0 2	20 24	0 56	7 7	6 40	11 36	11 59	2 44		n.a.
T 15	13 57	14 28	0 59	18 58	0 19	5 55	2 9	25 20	1 27	17 36	1 23	24 22	1 23	18 24	0 2	20 24	0 56	7 6	6 40	11 36	12 0	2 46		n.a.
F 16	14 17	10 49	0n15	18 37	0 2	5 36	2 13	25 21	1 26	17 34	1 23	24 21	1 23	18 25	0 2	20 23	0 56	7 6	6 40	11 36	12 1	2 48		n.a.
S 17	14 37	6 27	1 30	18 11	0n17	5 18	2 17	25 21	1 26	17 32	1 23	24 21	1 23	18 26	0 2	20 23	0 56	7 6	6 40	11 36	12 3	2 50		n.a.
S 18	14 57	1 35	2 41	17 41	0 37	4 58	2 21	25 21	1 25	17 31	1 24	24 20	1 23	18 27	0 2	20 23	0 56	7 5	6 40	11 38	12 4	2 52		n.a.
M19	15 17	3 s28	3 42	17 8	0 57	4 39	2 25	25 20	1 25	17 29	1 24	24 19	1 23	18 28	0 2	20 22	0 56	7 5	6 40	11 40	12 5	2 54		n.a.
T 20	15 37	8 21	4 28	16 32	1 17	4 19	2 28	25 20	1 24	17 28	1 24	24 19	1 23	18 28	0 2	20 22	0 56	7 5	6 40	11 43	12 6	2 56		n.a.
W21	15 56	12 42	4 55	15 53	1 37	3 58	2 32	25 19	1 24	17 26	1 25	24 18	1 23	18 29	0 2	20 22	0 56	7 4	6 40	11 47	12 7	2 58		n.a.
T 22	16 15	16 10	5 1	15 13	1 56	3 37	2 35	25 18	1 23	17 25	1 25	24 17	1 23	18 30	0 2	20 22	0 56	7 4	6 40	11 51	12 8	3 0		n.a.
F 23	16 33	18 32	4 47	14 33	2 13	3 16	2 38	25 16	1 23	17 24	1 25	24 17	1 23	18 31	0 1	20 21	0 56	7 4	6 39	11 55	12 9	3 2		n.a.
S 24	16 52	19 39	4 16	13 54	2 29	2 54	2 40	25 15	1 23	17 22	1 25	24 16	1 23	18 32	0 1	20 21	0 56	7 3	6 39	11 58	12 10	3 4		n.a.
S 25	17 10	19 34	3 31	13 17	2 43	2 32	2 43	25 13	1 22	17 21	1 26	24 16	1 22	18 33	0 1	20 21	0 56	7 3	6 39	12 0	12 12	3 7		n.a.
M26	17 27	18 23	2 35	12 43	2 54	2 9	2 45	25 10	1 22	17 20	1 26	24 15	1 22	18 34	0 1	20 20	0 56	7 3	6 39	12 2	12 13	3 9		n.a.
T 27	17 45	16 18	1 34	12 12	3 4	1 47	2 47	25 8	1 21	17 19	1 26	24 14	1 22	18 35	0 1	20 20	0 56	7 2	6 39	12 2	12 14	3 11		n.a.
W28	18 2	13 31	0 30	11 46	3 11	1 24	2 49	25 5	1 21	17 18	1 27	24 13	1 22	18 36	0 1	20 20	0 56	7 2	6 39	12 2	12 15	3 13		n.a.
T 29	18 18	10 12	0 s34	11 25	3 15	1 0	2 51	25 2	1 20	17 17	1 27	24 13	1 22	18 37	0 1	20 19	0 56	7 2	6 39	12 2	12 16	3 15		n.a.
F 30	18 s35	6 s31	1 s36	11 s 8	3n18	0n37	2n52	24 s58	1 s20	17n16	1n27	24 s12	1 s22	18 s38	0n 1	20n19	0 s56	7n 2	6 s39	12n 3	12n17	3n17		n.a.

Julian Day Number = 975886.5, Delta T = 13h19m42s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'44, Lahiri = -32°05'44 Julian Calendar 1 Nov. 2042 BCE == Greg. Calendar 15 Oct. 2042 BCE

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ASTRODIENST EPHEMERIS for the year 2042 BCE
geocentric

DECEMBER 2042 BCE (-2041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 28 35	22♏48'18	29♓18	6°R47	6♎ 1	9♑13	17♌37	16♑56	22♏ 8	3°R11	4°R28	28°R59	28♌18	17♈12	n.a.	S 1
S 2	3 32 32	23°49'30	11♈ 6	6♏23	7° 4	9°58	17°41	17° 1	22°11	3♊10	4♉27	28♌52	28°15	17°19	n.a.	S 2
M 3	3 36 28	24°50'42	22°56	6° 8	8° 7	10°44	17°44	17° 7	22°15	3° 8	4°26	28°43	28°12	17°26	n.a.	M 3
T 4	3 40 25	25°51'52	4♉52	6°D 2	9°10	11°29	17°48	17°13	22°18	3° 6	4°25	28°31	28° 8	17°33	n.a.	T 4
W 5	3 44 21	26°53'01	16°54	6° 5	10°14	12°15	17°51	17°18	22°22	3° 5	4°24	28°17	28° 5	17°39	n.a.	W 5
T 6	3 48 18	27°54'10	29° 5	6°15	11°18	13° 0	17°54	17°24	22°25	3° 3	4°23	28° 3	28° 2	17°46	n.a.	T 6
F 7	3 52 15	28°55'17	11♊25	6°33	12°22	13°45	17°56	17°30	22°29	3° 1	4°22	27°48	27°59	17°53	n.a.	F 7
S 8	3 56 11	29°56'24	23°55	6°57	13°27	14°31	17°59	17°36	22°32	3° 0	4°21	27°35	27°56	17°59	n.a.	S 8
S 9	4 0 8	0♐57'30	6♋35	7°27	14°32	15°16	18° 1	17°41	22°36	2°58	4°19	27°25	27°52	18° 6	n.a.	S 9
M10	4 4 4	1°58'35	19°25	8° 3	15°37	16° 1	18° 3	17°47	22°39	2°56	4°18	27°17	27°49	18°13	n.a.	M10
T 11	4 8 1	2°59'39	2♌27	8°44	16°42	16°47	18° 5	17°54	22°43	2°55	4°17	27°13	27°46	18°19	n.a.	T 11
W12	4 11 57	4° 0'42	15°42	9°29	17°48	17°32	18° 7	18° 0	22°47	2°53	4°16	27°11	27°43	18°26	n.a.	W12
T 13	4 15 54	5° 1'44	29°12	10°18	18°54	18°17	18° 9	18° 6	22°50	2°51	4°15	27°11	27°40	18°33	n.a.	T 13
F 14	4 19 50	6° 2'46	13♍ 0	11°11	20° 0	19° 2	18°10	18°12	22°54	2°50	4°14	27°11	27°37	18°39	n.a.	F 14
S 15	4 23 47	7° 3'46	27° 5	12° 7	21° 6	19°48	18°11	18°18	22°57	2°48	4°13	27° 9	27°33	18°46	n.a.	S 15
S 16	4 27 44	8° 4'45	11♎29	13° 7	22°13	20°33	18°12	18°25	23° 0	2°46	4°12	27° 6	27°30	18°53	n.a.	S 16
M17	4 31 40	9° 5'44	26° 8	14° 9	23°19	21°18	18°13	18°31	23° 4	2°44	4°11	27° 0	27°27	19° 0	n.a.	M17
T 18	4 35 37	10° 6'41	10♏56	15°13	24°26	22° 3	18°14	18°37	23° 7	2°43	4°10	26°51	27°24	19° 6	n.a.	T 18
W19	4 39 33	11° 7'37	25°48	16°20	25°33	22°48	18°14	18°44	23°11	2°41	4° 9	26°40	27°21	19°13	n.a.	W19
T 20	4 43 30	12° 8'32	10♐33	17°29	26°41	23°33	18°15	18°50	23°14	2°39	4° 9	26°28	27°18	19°20	n.a.	T 20
F 21	4 47 26	13° 9'26	25° 4	18°40	27°48	24°18	18°R15	18°57	23°18	2°38	4° 8	26°17	27°14	19°26	n.a.	F 21
S 22	4 51 23	14°10'18	9♑13	19°53	28°56	25° 3	18°15	19° 4	23°21	2°36	4° 7	26° 8	27°11	19°33	n.a.	S 22
S 23	4 55 20	15°11'08	22°56	21° 8	0♏ 4	25°48	18°14	19°10	23°24	2°34	4° 6	26° 1	27° 8	19°40	n.a.	S 23
M24	4 59 16	16°11'57	6♒12	22°24	1°12	26°32	18°14	19°17	23°28	2°33	4° 5	25°56	27° 5	19°46	n.a.	M24
T 25	5 3 13	17°12'44	19° 3	23°41	2°20	27°17	18°13	19°24	23°31	2°31	4° 4	25°55	27° 2	19°53	n.a.	T 25
W26	5 7 9	18°13'29	1♓31	25° 0	3°28	28° 2	18°12	19°31	23°34	2°30	4° 3	25°D55	26°58	20° 0	n.a.	W26
T 27	5 11 6	19°14'12	13°41	26°20	4°36	28°47	18°11	19°38	23°38	2°28	4° 2	25°R55	26°55	20° 7	n.a.	T 27
F 28	5 15 2	20°14'53	25°39	27°42	5°45	29°32	18°10	19°45	23°41	2°26	4° 2	25°55	26°52	20°13	n.a.	F 28
S 29	5 18 59	21°15'32	7♈30	29° 4	6°53	0♒16	18° 9	19°51	23°44	2°25	4° 1	25°54	26°49	20°20	n.a.	S 29
S 30	5 22 55	22°16'09	19°20	0♐28	8° 2	1° 1	18° 7	19°58	23°48	2°23	4° 0	25°50	26°46	20°27	n.a.	S 30
M31	5 26 52	23♐16'45	1♉12	1♐53	9♏11	1♒45	18♌ 5	20♑ 5	23♏51	2♊22	3♉59	25♌43	26♌43	20♈33	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s51	2s37	2s33	10s56	3n18	0n13	2n54	24s55	1s19	17n15	1n28	24s11	1s22	18s39	0n 1	20n19	0s56	7n 1	6s39	12n 4	12n18	3n19		n.a.
S 2	19 7	1n23	3 23	10 49	3 17	0s11	2 55	24 51	1 19	17 14	1 28	24 11	1 22	18 40	0 1	20 18	0 56	7 1	6 39	12 6	12 19	3 21		n.a.
M 3	19 22	5 20	4 4	10 47	3 15	0 36	2 56	24 47	1 18	17 14	1 28	24 10	1 22	18 41	0 1	20 18	0 56	7 1	6 39	12 9	12 21	3 23		n.a.
T 4	19 37	9 6	4 35	10 48	3 11	1 0	2 57	24 42	1 17	17 13	1 29	24 9	1 22	18 42	0 1	20 18	0 56	7 0	6 38	12 14	12 22	3 25		n.a.
W 5	19 51	12 32	4 54	10 54	3 6	1 25	2 58	24 38	1 17	17 12	1 29	24 8	1 22	18 43	0 1	20 17	0 56	7 0	6 38	12 18	12 23	3 27		n.a.
T 6	20 6	15 30	4 59	11 3	3 0	1 50	2 58	24 33	1 16	17 12	1 29	24 7	1 22	18 44	0 1	20 17	0 56	7 0	6 38	12 24	12 24	3 29		n.a.
F 7	20 19	17 48	4 51	11 15	2 54	2 15	2 59	24 27	1 16	17 11	1 30	24 7	1 22	18 45	0 1	20 17	0 56	7 0	6 38	12 29	12 25	3 31		n.a.
S 8	20 33	19 18	4 29	11 30	2 46	2 40	2 59	24 22	1 15	17 10	1 30	24 6	1 22	18 45	0 1	20 16	0 56	6 59	6 38	12 33	12 26	3 33		n.a.
S 9	20 46	19 53	3 53	11 47	2 39	3 6	2 59	24 16	1 15	17 10	1 30	24 5	1 22	18 46	0 1	20 16	0 56	6 59	6 38	12 37	12 27	3 35		n.a.
M10	20 59	19 26	3 5	12 6	2 31	3 31	2 59	24 10	1 14	17 10	1 31	24 4	1 22	18 47	0 1	20 16	0 56	6 59	6 38	12 40	12 28	3 37		n.a.
T 11	21 11	17 58	2 7	12 27	2 22	3 57	2 59	24 4	1 14	17 9	1 31	24 3	1 22	18 48	0 1	20 16	0 56	6 59	6 38	12 41	12 30	3 39		n.a.
W12	21 23	15 30	1 0	12 50	2 13	4 23	2 59	23 57	1 13	17 9	1 31	24 2	1 22	18 49	0 1	20 15	0 56	6 58	6 37	12 42	12 31	3 41		n.a.
T 13	21 34	12 9	0n11	13 14	2 5	4 48	2 58	23 51	1 13	17 9	1 32	24 2	1 22	18 50	0 1	20 15	0 56	6 58	6 37	12 42	12 32	3 44		n.a.
F 14	21 45	8 5	1 23	13 40	1 56	5 14	2 58	23 44	1 12	17 9	1 32	24 1	1 22	18 51	0 1	20 15	0 55	6 58	6 37	12 42	12 33	3 46		n.a.
S 15	21 56	3 29	2 31	14 6	1 47	5 40	2 57	23 37	1 11	17 9	1 32	24 0	1 22	18 52	0 1	20 14	0 55	6 58	6 37	12 42	12 34	3 48		n.a.
S 16	22 6	1s24	3 31	14 33	1 38	6 6	2 56	23 29	1 11	17 9	1 33	23 59	1 22	18 53	0 1	20 14	0 55	6 58	6 37	12 44	12 35	3 50		n.a.
M17	22 16	6 16	4 19	15 0	1 28	6 32	2 55	23 21	1 10	17 9	1 33	23 58	1 22	18 54	0 1	20 14	0 55	6 57	6 37	12 46	12 36	3 52		n.a.
T 18	22 25	10 50	4 50	15 28	1 19	6 58	2 54	23 13	1 10	17 9	1 33	23 57	1 22	18 55	0 1	20 13	0 55	6 57	6 37	12 49	12 37	3 54		n.a.
W19	22 34	14 44	5 1	15 57	1 10	7 24	2 53	23 5	1 9	17 9	1 34	23 56	1 22	18 55	0 1	20 13	0 55	6 57	6 37	12 53	12 38	3 56		n.a.
T 20	22 42	17 40	4 52	16 25	1 1	7 50	2 52	22 57	1 8	17 9	1 34	23 55	1 22	18 56	0 1	20 13	0 55	6 57	6 36	12 57	12 40	3 58		n.a.
F 21	22 50	19 26	4 24	16 54	0 52	8 16	2 50	22 48	1 8	17 10	1 34	23 54	1 22	18 57	0 1	20 12	0 55	6 57	6 36	13 1	12 41	4 0		n.a.
S 22	22 58	19 56	3 41	17 22	0 43	8 41	2 49	22 40	1 7	17 10	1 35	23 53	1 22	18 58	0 1	20 12	0 55	6 56	6 36	13 4	12 42	4 2		n.a.
S 23	23 5	19 13	2 46	17 51	0 35	9 7	2 47	22 30	1 7	17 10	1 35	23 52	1 22	18 59	0 1	20 12	0 55	6 56	6 36	13 6	12 43	4 4		n.a.
M24	23 12	17 27	1 43	18 19	0 26	9 33	2 46	22 21	1 6	17 11	1 35	23 51	1 22	19 0	0 1	20 11	0 55	6 56	6 36	13 8	12 44	4 6		n.a.
T 25	23 18	14 50	0 36	18 47	0 18	9 58	2 44	22 12	1 5	17 11	1 36	23 50	1 22	19 1	0 1	20 11	0 55	6 56	6 36	13 8	12 45	4 8		n.a.
W26	23 23	11 37	0s30	19 15	0 10	10 23	2 42	22 2	1 5	17 12	1 36	23 49	1 22	19 2	0 1	20 11	0 55	6 56	6 35	13 8	12 46	4 10		n.a.
T 27	23 29	7 58	1 33	19 42	0 1	10 49	2 40	21 52	1 4	17 13	1 36	23 48	1 22	19 2	0 1	20 10	0 55	6 56	6 35	13 8	12 47	4 12		n.a.
F 28	23 34	4 4	2 32	20 9	0s 7	11 14	2 38	21 42	1 4	17 13	1 37	23 47	1 22	19 3	0 1	20 10	0 55	6 56	6 35	13 8	12 48	4 14		n.a.
S 29	23 38	0 3	3 23	20 35	0 14	11 39	2 36	21 32	1 3	17 14	1 37	23 46	1 22	19 4	0 1	20 10	0 55	6 56	6 35	13 9	12 50	4 16		n.a.
S 30	23 42	3n57	4 5	21 1	0 22	12 3	2 33	21 21	1 2	17 15	1 37	23 45	1 22	19 5	0 1	20 10	0 55	6 55	6 35	13 10	12 51	4 19		n.a.
M31	23s45	7n49	4s37	21s26	0s29	12s28	2n31	21s11	1s 2	17n16	1n37	23s44	1s22	19s 6	0n 1	20n 9	0s55	6n55	6s35	13n12	12n52	4n21		n.a.

Julian Day Number = 975916.5, Delta T = 13h19m40s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'40, Lahiri = -32°05'40 Julian Calendar 1 Dec. 2042 BCE == Greg. Calendar 14 Nov. 2042 BCE

The year -2041 astronomical counting style corresponds to year 2042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

JANUARY 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 30 49	24♐17'18	13♉11	3♐19	10♏20	2♒30	18°R 3	20♑12	23♏54	2°R20	3°R59	25°R35	26♌39	20♈40	n.a.	T 1
W 2	5 34 45	25°17'49	25°20	4°46	11°29	3°15	18♌ 1	20°20	23°57	2♊19	3♉58	25♌24	26°36	20°47	n.a.	W 2
T 3	5 38 42	26°18'19	7♊41	6°14	12°38	3°59	17°58	20°27	24° 0	2°17	3°57	25°13	26°33	20°53	n.a.	T 3
F 4	5 42 38	27°18'47	20°16	7°43	13°48	4°43	17°56	20°34	24° 3	2°16	3°57	25° 2	26°30	21° 0	n.a.	F 4
S 5	5 46 35	28°19'13	3♋ 3	9°13	14°57	5°28	17°53	20°41	24° 7	2°14	3°56	24°52	26°27	21° 7	n.a.	S 5
S 6	5 50 31	29°19'37	16° 3	10°44	16° 6	6°12	17°50	20°48	24°10	2°13	3°55	24°44	26°24	21°14	n.a.	S 6
M 7	5 54 28	0♑19'59	29°14	12°16	17°16	6°56	17°47	20°55	24°13	2°11	3°55	24°38	26°20	21°20	n.a.	M 7
T 8	5 58 24	1°20'20	12♌36	13°49	18°26	7°41	17°44	21° 3	24°16	2°10	3°54	24°36	26°17	21°27	n.a.	T 8
W 9	6 2 21	2°20'38	26° 9	15°23	19°36	8°25	17°40	21°10	24°19	2° 8	3°54	24°D35	26°14	21°34	n.a.	W 9
T 10	6 6 18	3°20'55	9♍52	16°58	20°46	9° 9	17°37	21°17	24°22	2° 7	3°53	24°36	26°11	21°40	n.a.	T 10
F 11	6 10 14	4°21'11	23°44	18°34	21°55	9°53	17°33	21°25	24°25	2° 5	3°53	24°37	26° 8	21°47	n.a.	F 11
S 12	6 14 11	5°21'24	7♎47	20°11	23° 6	10°37	17°29	21°32	24°28	2° 4	3°52	24°R37	26° 4	21°54	n.a.	S 12
S 13	6 18 7	6°21'36	21°58	21°49	24°16	11°21	17°25	21°39	24°30	2° 3	3°52	24°36	26° 1	22° 0	n.a.	S 13
M14	6 22 4	7°21'46	6♏17	23°28	25°26	12° 5	17°20	21°47	24°33	2° 1	3°51	24°33	25°58	22° 7	n.a.	M14
T 15	6 26 0	8°21'55	20°40	25° 8	26°36	12°49	17°16	21°54	24°36	2° 0	3°51	24°28	25°55	22°14	n.a.	T 15
W16	6 29 57	9°22'02	5♐ 3	26°49	27°47	13°33	17°11	22° 2	24°39	1°59	3°50	24°21	25°52	22°21	n.a.	W16
T 17	6 33 53	10°22'06	19°20	28°31	28°57	14°17	17° 7	22° 9	24°42	1°58	3°50	24°14	25°49	22°27	n.a.	T 17
F 18	6 37 50	11°22'09	3♑27	0♑14	0♐ 7	15° 1	17° 2	22°17	24°44	1°56	3°49	24° 6	25°45	22°34	n.a.	F 18
S 19	6 41 47	12°22'10	17°17	1°58	1°18	15°45	16°56	22°24	24°47	1°55	3°49	24° 0	25°42	22°41	n.a.	S 19
S 20	6 45 43	13°22'09	0♒49	3°43	2°29	16°29	16°51	22°32	24°50	1°54	3°49	23°56	25°39	22°47	n.a.	S 20
M21	6 49 40	14°22'06	13°58	5°30	3°39	17°12	16°46	22°39	24°52	1°53	3°48	23°54	25°36	22°54	n.a.	M21
T 22	6 53 36	15°22'00	26°47	7°17	4°50	17°56	16°40	22°47	24°55	1°52	3°48	23°D54	25°33	23° 1	n.a.	T 22
W23	6 57 33	16°21'52	9♓16	9° 6	6° 1	18°40	16°35	22°54	24°57	1°50	3°48	23°54	25°30	23° 7	n.a.	W23
T 24	7 1 29	17°21'41	21°28	10°55	7°12	19°23	16°29	23° 2	25° 0	1°49	3°48	23°56	25°26	23°14	n.a.	T 24
F 25	7 5 26	18°21'28	3♈29	12°46	8°22	20° 7	16°23	23° 9	25° 2	1°48	3°47	23°58	25°23	23°21	n.a.	F 25
S 26	7 9 22	19°21'13	15°23	14°38	9°33	20°50	16°17	23°17	25° 5	1°47	3°47	23°R59	25°20	23°28	n.a.	S 26
S 27	7 13 19	20°20'55	27°14	16°31	10°44	21°34	16°10	23°24	25° 7	1°46	3°47	23°59	25°17	23°34	n.a.	S 27
M28	7 17 15	21°20'35	9♉ 8	18°26	11°55	22°17	16° 4	23°32	25°10	1°45	3°47	23°57	25°14	23°41	n.a.	M28
T 29	7 21 12	22°20'12	21° 9	20°21	13° 6	23° 0	15°58	23°40	25°12	1°44	3°47	23°54	25°10	23°48	n.a.	T 29
W30	7 25 9	23°19'47	3♊22	22°17	14°17	23°44	15°51	23°47	25°14	1°43	3°47	23°50	25° 7	23°54	n.a.	W30
T 31	7 29 5	24♑19'19	15♊49	24♑15	15♐28	24♒27	15♌45	23♑55	25♏16	1♊42	3♉47	23♌45	25♌ 4	24♈ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s48	11n24	4 s57	21 s50	0 s36	12 s52	2n29	21 s 0	1 s 1	17n17	1n38	23 s43	1 s22	19 s 7	0n 1	20n 9	0 s55	6n55	6 s35	13n15	12n53	4n23			n.a.
W 2	23 50	14 34	5 4	22 14	0 43	13 16	2 26	20 49	1 1	17 18	1 38	23 42	1 22	19 7	0 1	20 9	0 55	6 55	6 34	13 19	12 54	4 25			n.a.
T 3	23 52	17 9	4 57	22 36	0 50	13 40	2 24	20 37	1 0	17 19	1 38	23 41	1 22	19 8	0 1	20 8	0 55	6 55	6 34	13 23	12 55	4 27			n.a.
F 4	23 54	18 59	4 35	22 58	0 56	14 4	2 21	20 26	0 59	17 20	1 39	23 40	1 22	19 9	0 1	20 8	0 55	6 55	6 34	13 26	12 56	4 29			n.a.
S 5	23 55	19 54	4 0	23 19	1 3	14 27	2 18	20 14	0 59	17 21	1 39	23 39	1 22	19 10	0 1	20 8	0 55	6 55	6 34	13 30	12 57	4 31			n.a.
S 6	23 55	19 47	3 11	23 38	1 9	14 50	2 16	20 2	0 58	17 22	1 39	23 38	1 22	19 11	0 1	20 8	0 55	6 55	6 34	13 33	12 58	4 33			n.a.
M 7	23 56	18 35	2 12	23 57	1 14	15 13	2 13	19 50	0 57	17 23	1 40	23 36	1 22	19 11	0 1	20 7	0 55	6 55	6 33	13 34	12 59	4 35			n.a.
T 8	23 55	16 21	1 4	24 14	1 20	15 35	2 10	19 38	0 57	17 25	1 40	23 35	1 22	19 12	0 1	20 7	0 55	6 55	6 33	13 35	13 1	4 37			n.a.
W 9	23 54	13 11	0n 8	24 31	1 25	15 57	2 7	19 26	0 56	17 26	1 40	23 34	1 22	19 13	0 1	20 7	0 55	6 55	6 33	13 36	13 2	4 39			n.a.
T 10	23 53	9 17	1 21	24 46	1 30	16 19	2 4	19 13	0 56	17 28	1 41	23 33	1 22	19 14	0 1	20 7	0 55	6 55	6 33	13 35	13 3	4 41			n.a.
F 11	23 51	4 50	2 30	24 59	1 34	16 40	2 1	19 1	0 55	17 29	1 41	23 32	1 22	19 14	0 1	20 6	0 55	6 55	6 33	13 35	13 4	4 43			n.a.
S 12	23 49	0 5	3 31	25 11	1 38	17 1	1 58	18 48	0 54	17 31	1 41	23 31	1 22	19 15	0 1	20 6	0 55	6 55	6 33	13 35	13 5	4 45			n.a.
S 13	23 46	4 s43	4 20	25 22	1 42	17 22	1 55	18 35	0 54	17 32	1 41	23 30	1 22	19 16	0 1	20 6	0 55	6 55	6 32	13 35	13 6	4 47			n.a.
M14	23 43	9 17	4 53	25 31	1 46	17 42	1 52	18 22	0 53	17 34	1 42	23 28	1 22	19 17	0 1	20 6	0 55	6 55	6 32	13 36	13 7	4 49			n.a.
T 15	23 39	13 21	5 7	25 39	1 49	18 2	1 48	18 8	0 52	17 35	1 42	23 27	1 22	19 17	0 1	20 5	0 55	6 55	6 32	13 38	13 8	4 52			n.a.
W16	23 35	16 37	5 3	25 45	1 52	18 22	1 45	17 55	0 52	17 37	1 42	23 26	1 22	19 18	0 1	20 5	0 55	6 55	6 32	13 40	13 9	4 54			n.a.
T 17	23 31	18 51	4 39	25 49	1 54	18 41	1 42	17 41	0 51	17 39	1 43	23 25	1 22	19 19	0 1	20 5	0 55	6 55	6 32	13 43	13 10	4 56			n.a.
F 18	23 26	19 54	3 59	25 52	1 56	18 59	1 38	17 28	0 50	17 41	1 43	23 24	1 22	19 19	0 1	20 5	0 55	6 55	6 31	13 45	13 12	4 58			n.a.
S 19	23 20	19 43	3 5	25 53	1 58	19 17	1 35	17 14	0 50	17 42	1 43	23 22	1 22	19 20	0 1	20 4	0 55	6 55	6 31	13 47	13 13	5 0			n.a.
S 20	23 14	18 24	2 2	25 52	1 59	19 35	1 32	17 0	0 49	17 44	1 43	23 21	1 22	19 21	0 1	20 4	0 55	6 55	6 31	13 49	13 14	5 2			n.a.
M21	23 8	16 7	0 54	25 49	2 0	19 52	1 28	16 46	0 48	17 46	1 44	23 20	1 22	19 21	0 1	20 4	0 55	6 55	6 31	13 50	13 15	5 4			n.a.
T 22	23 1	13 5	0 s16	25 44	2 0	20 9	1 25	16 31	0 48	17 48	1 44	23 19	1 22	19 22	0 1	20 4	0 55	6 55	6 31	13 50	13 16	5 6			n.a.
W23	22 54	9 32	1 23	25 36	2 0	20 25	1 22	16 17	0 47	17 50	1 44	23 17	1 22	19 23	0 1	20 4	0 54	6 55	6 30	13 49	13 17	5 8			n.a.
T 24	22 46	5 39	2 25	25 27	2 0	20 40	1 18	16 3	0 47	17 52	1 44	23 16	1 22	19 23	0 1	20 3	0 54	6 56	6 30	13 49	13 18	5 10			n.a.
F 25	22 38	1 37	3 19	25 16	1 59	20 55	1 15	15 48	0 46	17 54	1 44	23 15	1 22	19 24	0 1	20 3	0 54	6 56	6 30	13 48	13 19	5 12			n.a.
S 26	22 30	2n26	4 4	25 3	1 57	21 10	1 11	15 33	0 45	17 56	1 45	23 14	1 23	19 24	0 1	20 3	0 54	6 56	6 30	13 48	13 20	5 14			n.a.
S 27	22 21	6 22	4 39	24 47	1 55	21 24	1 8	15 18	0 45	17 58	1 45	23 12	1 23	19 25	0 1	20 3	0 54	6 56	6 30	13 48	13 21	5 16			n.a.
M28	22 12	10 4	5 2	24 29	1 52	21 37	1 4	15 3	0 44	18 1	1 45	23 11	1 23	19 26	0 1	20 3	0 54	6 56	6 29	13 49	13 22	5 18			n.a.
T 29	22 2	13 24	5 12	24 9	1 49	21 50	1 1	14 48	0 43	18 3	1 45	23 10	1 23	19 26	0 1	20 3	0 54	6 56	6 29	13 50	13 24	5 20			n.a.
W30	21 52	16 13	5 8	23 46	1 45	22 2	0 57	14 33	0 43	18 5	1 46	23 9	1 23	19 27	0 1	20 2	0 54	6 56	6 29	13 51	13 25	5 23			n.a.
T 31	21 s41	18n21	4 s50	23 s21	1 s41	22 s14	0n54	14 s18	0 s42	18n 7	1n46	23 s 7	1 s23	19 s27	0n 1	20n 2	0 s54	6n56	6 s29	13n53	13n26	5n25			n.a.

Julian Day Number = 975947.5, Delta T = 13h19m38s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'36, Lahiri = -32°05'35 Julian Calendar 1 Jan. 2041 BCE == Greg. Calendar 15 Dec. 2042 BCE

The year -2040 astronomical counting style corresponds to year 2041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

FEBRUARY 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 33 2	25♉18'49	28♊33	26♉13	16♐40	25♒10	15°R38	24♉ 2	25♏19	1°R42	3°R46	23°R40	25♌ 1	24♈ 8	n.a.	F 1
S 2	7 36 58	26°18'17	11♋35	28°12	17°51	25°53	15♌31	24°10	25°21	1♊41	3♉46	23♌36	24°58	24°14	n.a.	S 2
S 3	7 40 55	27°17'43	24°54	0♒12	19° 2	26°36	15°24	24°17	25°23	1°40	3°D46	23°32	24°55	24°21	n.a.	S 3
M 4	7 44 51	28°17'06	8♌29	2°12	20°13	27°20	15°17	24°25	25°25	1°39	3°46	23°30	24°51	24°28	n.a.	M 4
T 5	7 48 48	29°16'27	22°17	4°13	21°25	28° 3	15°10	24°32	25°27	1°38	3°46	23°D29	24°48	24°35	n.a.	T 5
W 6	7 52 44	0♒15'46	6♍16	6°14	22°36	28°46	15° 3	24°40	25°29	1°38	3°47	23°30	24°45	24°41	n.a.	W 6
T 7	7 56 41	1°15'03	20°23	8°15	23°47	29°28	14°55	24°48	25°31	1°37	3°47	23°31	24°42	24°48	n.a.	T 7
F 8	8 0 38	2°14'18	4♎34	10°15	24°59	0♓11	14°48	24°55	25°33	1°36	3°47	23°32	24°39	24°55	n.a.	F 8
S 9	8 4 34	3°13'30	18°47	12°16	26°10	0°54	14°41	25° 3	25°35	1°36	3°47	23°34	24°35	25° 1	n.a.	S 9
S 10	8 8 31	4°12'41	3♏ 0	14°15	27°22	1°37	14°33	25°10	25°37	1°35	3°47	23°R34	24°32	25° 8	n.a.	S 10
M11	8 12 27	5°11'51	17°11	16°13	28°33	2°20	14°26	25°18	25°38	1°34	3°47	23°34	24°29	25°15	n.a.	M11
T 12	8 16 24	6°10'58	1♐16	18°10	29°45	3° 2	14°18	25°25	25°40	1°34	3°47	23°32	24°26	25°22	n.a.	T 12
W13	8 20 20	7°10'03	15°14	20° 5	0♑57	3°45	14°11	25°33	25°42	1°33	3°48	23°31	24°23	25°28	n.a.	W13
T 14	8 24 17	8° 9'07	29° 4	21°57	2° 8	4°28	14° 3	25°40	25°43	1°33	3°48	23°29	24°20	25°35	n.a.	T 14
F 15	8 28 13	9° 8'08	12♑41	23°47	3°20	5°10	13°55	25°48	25°45	1°33	3°48	23°27	24°16	25°42	n.a.	F 15
S 16	8 32 10	10° 7'07	26° 5	25°33	4°31	5°53	13°48	25°55	25°47	1°32	3°48	23°25	24°13	25°48	n.a.	S 16
S 17	8 36 6	11° 6'04	9♒15	27°16	5°43	6°35	13°40	26° 2	25°48	1°32	3°49	23°24	24°10	25°55	n.a.	S 17
M18	8 40 3	12° 4'59	22° 8	28°56	6°55	7°18	13°32	26°10	25°49	1°31	3°49	23°D24	24° 7	26° 2	n.a.	M18
T 19	8 44 0	13° 3'52	4♓46	0♓31	8° 7	8° 0	13°25	26°17	25°51	1°31	3°49	23°24	24° 4	26° 8	n.a.	T 19
W20	8 47 56	14° 2'42	17° 9	2° 1	9°18	8°43	13°17	26°25	25°52	1°31	3°50	23°24	24° 1	26°15	n.a.	W20
T 21	8 51 53	15° 1'30	29°19	3°26	10°30	9°25	13° 9	26°32	25°54	1°30	3°50	23°25	23°57	26°22	n.a.	T 21
F 22	8 55 49	16° 0'16	11♈20	4°47	11°42	10° 7	13° 1	26°39	25°55	1°30	3°50	23°26	23°54	26°29	n.a.	F 22
S 23	8 59 46	16°58'59	23°14	6° 2	12°54	10°49	12°54	26°46	25°56	1°30	3°51	23°27	23°51	26°35	n.a.	S 23
S 24	9 3 42	17°57'40	5♉ 6	7°11	14° 6	11°32	12°46	26°54	25°57	1°30	3°51	23°27	23°48	26°42	n.a.	S 24
M25	9 7 39	18°56'18	17° 0	8°15	15°18	12°14	12°38	27° 1	25°58	1°30	3°52	23°R27	23°45	26°49	n.a.	M25
T 26	9 11 35	19°54'54	29° 1	9°13	16°29	12°56	12°31	27° 8	25°59	1°30	3°52	23°27	23°41	26°55	n.a.	T 26
W27	9 15 32	20°53'28	11♊13	10° 5	17°41	13°38	12°23	27°15	26° 0	1°30	3°53	23°27	23°38	27° 2	n.a.	W27
T 28	9 19 28	21°52'00	23°42	10°51	18°53	14°20	12°16	27°22	26° 1	1°D30	3°53	23°27	23°35	27° 9	n.a.	T 28
F 29	9 23 25	22♒50'29	6♋29	11♓30	20♉ 5	15♓ 2	12♌ 8	27♉30	26♏ 2	1♊30	3♉54	23♌27	23♌32	27♈16	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s30	19n38	4s17	22s54	1s36	22s25	0n50	14s 2	0s41	18n 9	1n46	23s 6	1s23	19s28	0n 1	20n 2	0s54	6n57	6s29	13n54	13n27	5n27		n.a.
S 2	21 19	19 56	3 30	22 25	1 30	22 35	0 47	13 47	0 41	18 12	1 46	23 5	1 23	19 28	0 1	20 2	0 54	6 57	6 29	13 56	13 28	5 29		n.a.
S 3	21 7	19 7	2 31	21 53	1 24	22 45	0 43	13 31	0 40	18 14	1 46	23 3	1 23	19 29	0 1	20 2	0 54	6 57	6 28	13 57	13 29	5 31		n.a.
M 4	20 55	17 12	1 22	21 19	1 17	22 54	0 40	13 16	0 39	18 16	1 46	23 2	1 23	19 30	0 1	20 2	0 54	6 57	6 28	13 58	13 30	5 33		n.a.
T 5	20 43	14 16	0 7	20 43	1 9	23 2	0 36	13 0	0 39	18 19	1 47	23 1	1 23	19 30	0 1	20 2	0 54	6 57	6 28	13 58	13 31	5 35		n.a.
W 6	20 30	10 28	1n10	20 5	1 1	23 10	0 33	12 44	0 38	18 21	1 47	22 59	1 23	19 31	0 1	20 2	0 54	6 58	6 28	13 58	13 32	5 37		n.a.
T 7	20 17	6 4	2 23	19 25	0 53	23 17	0 29	12 28	0 37	18 23	1 47	22 58	1 23	19 31	0 1	20 1	0 54	6 58	6 28	13 57	13 33	5 39		n.a.
F 8	20 4	1 19	3 27	18 43	0 43	23 24	0 26	12 12	0 37	18 26	1 47	22 57	1 23	19 31	0 1	20 1	0 54	6 58	6 27	13 57	13 34	5 41		n.a.
S 9	19 50	3s31	4 19	18 0	0 33	23 30	0 22	11 56	0 36	18 28	1 47	22 56	1 24	19 32	0 1	20 1	0 54	6 58	6 27	13 56	13 35	5 43		n.a.
S 10	19 36	8 9	4 55	17 15	0 23	23 35	0 19	11 40	0 35	18 30	1 47	22 54	1 24	19 32	0 1	20 1	0 54	6 58	6 27	13 56	13 37	5 45		n.a.
M11	19 21	12 18	5 14	16 29	0 12	23 40	0 16	11 24	0 35	18 33	1 47	22 53	1 24	19 33	0 1	20 1	0 54	6 59	6 27	13 56	13 38	5 47		n.a.
T 12	19 6	15 44	5 13	15 42	0 1	23 43	0 12	11 7	0 34	18 35	1 48	22 52	1 24	19 33	0 1	20 1	0 54	6 59	6 27	13 57	13 39	5 49		n.a.
W13	18 51	18 14	4 53	14 55	0n11	23 46	0 9	10 51	0 34	18 37	1 48	22 50	1 24	19 34	0 1	20 1	0 54	6 59	6 26	13 57	13 40	5 51		n.a.
T 14	18 36	19 38	4 17	14 7	0 23	23 49	0 6	10 35	0 33	18 40	1 48	22 49	1 24	19 34	0 1	20 1	0 54	6 59	6 26	13 58	13 41	5 53		n.a.
F 15	18 20	19 53	3 27	13 18	0 35	23 51	0 2	10 18	0 32	18 42	1 48	22 48	1 24	19 34	0 1	20 1	0 54	7 0	6 26	13 59	13 42	5 56		n.a.
S 16	18 4	18 59	2 25	12 31	0 48	23 52	0s 1	10 2	0 32	18 44	1 48	22 46	1 24	19 35	0 1	20 1	0 54	7 0	6 26	13 59	13 43	5 58		n.a.
S 17	17 48	17 4	1 18	11 43	1 1	23 52	0 4	9 45	0 31	18 47	1 48	22 45	1 24	19 35	0 1	20 1	0 54	7 0	6 26	14 0	13 44	6 0		n.a.
M18	17 31	14 18	0 7	10 57	1 13	23 52	0 7	9 28	0 30	18 49	1 48	22 44	1 24	19 36	0 1	20 1	0 53	7 1	6 25	14 0	13 45	6 2		n.a.
T 19	17 14	10 55	1s 3	10 11	1 26	23 51	0 10	9 12	0 30	18 51	1 48	22 42	1 24	19 36	0 1	20 1	0 53	7 1	6 25	14 0	13 46	6 4		n.a.
W20	16 57	7 8	2 8	9 27	1 38	23 49	0 14	8 55	0 29	18 54	1 48	22 41	1 25	19 36	0 1	20 1	0 53	7 1	6 25	13 59	13 47	6 6		n.a.
T 21	16 39	3 7	3 6	8 45	1 50	23 47	0 17	8 38	0 28	18 56	1 48	22 40	1 25	19 37	0 1	20 1	0 53	7 2	6 25	13 59	13 48	6 8		n.a.
F 22	16 22	0n58	3 56	8 4	2 1	23 43	0 20	8 21	0 28	18 58	1 48	22 38	1 25	19 37	0 1	20 1	0 53	7 2	6 25	13 59	13 49	6 10		n.a.
S 23	16 4	4 58	4 34	7 26	2 13	23 40	0 23	8 4	0 27	19 1	1 48	22 37	1 25	19 37	0 1	20 1	0 53	7 2	6 24	13 59	13 51	6 12		n.a.
S 24	15 45	8 46	5 1	6 50	2 23	23 35	0 25	7 47	0 26	19 3	1 48	22 36	1 25	19 37	0 1	20 1	0 53	7 3	6 24	13 59	13 52	6 14		n.a.
M25	15 27	12 13	5 15	6 17	2 34	23 30	0 28	7 30	0 26	19 5	1 48	22 34	1 25	19 38	0 1	20 1	0 53	7 3	6 24	13 58	13 53	6 16		n.a.
T 26	15 8	15 13	5 16	5 46	2 43	23 24	0 31	7 13	0 25	19 7	1 48	22 33	1 25	19 38	0 1	20 1	0 53	7 3	6 24	13 58	13 54	6 18		n.a.
W27	14 49	17 36	5 2	5 18	2 52	23 17	0 34	6 56	0 25	19 10	1 48	22 32	1 25	19 38	0 1	20 1	0 53	7 4	6 24	13 59	13 55	6 20		n.a.
T 28	14 30	19 12	4 34	4 53	3 0	23 10	0 37	6 39	0 24	19 12	1 48	22 30	1 26	19 39	0 1	20 1	0 53	7 4	6 23	13 59	13 56	6 22		n.a.
F 29	14s11	19n54	3s52	4s32	3n 6	23s 2	0s39	6s22	0s23	19n14	1n48	22s29	1s26	19s39	0n 1	20n 1	0s53	7n 4	6s23	13n59	13n57	6n24		n.a.

Julian Day Number = 975978.5, Delta T = 13h19m35s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'32, Lahiri = -32°05'31 Julian Calendar 1 Feb. 2041 BCE == Greg. Calendar 15 Jan. 2041 BCE

The year -2040 astronomical counting style corresponds to year 2041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

MARCH 2041 BCE (-2040) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 27 21	23♒48'56	19♋37	12♓ 4	21♑17	15♓44	12°R 1	27♑37	26♏ 3	1♊30	3♉55	23°D27	23♌29	27♈22	n.a.	S 1
S 2	9 31 18	24°47'20	3♌ 8	12°31	22°29	16°26	11♌53	27°44	26° 4	1°30	3°55	23♌27	23°26	27°29	n.a.	S 2
M 3	9 35 15	25°45'43	17° 1	12°52	23°41	17° 7	11°46	27°51	26° 5	1°30	3°56	23°R27	23°22	27°36	n.a.	M 3
T 4	9 39 11	26°44'03	1♍12	13° 6	24°53	17°49	11°39	27°58	26° 5	1°30	3°56	23°27	23°19	27°42	n.a.	T 4
W 5	9 43 8	27°42'21	15°38	13°15	26° 5	18°31	11°31	28° 5	26° 6	1°30	3°57	23°27	23°16	27°49	n.a.	W 5
T 6	9 47 4	28°40'38	0♎13	13°R17	27°17	19°13	11°24	28°12	26° 7	1°30	3°58	23°26	23°13	27°56	n.a.	T 6
F 7	9 51 1	29°38'52	14°51	13°14	28°29	19°54	11°17	28°18	26° 7	1°31	3°59	23°26	23°10	28° 3	n.a.	F 7
S 8	9 54 57	0♓37'05	29°26	13° 5	29°41	20°36	11°10	28°25	26° 8	1°31	3°59	23°25	23° 7	28° 9	n.a.	S 8
S 9	9 58 54	1°35'16	13♏52	12°51	0♒54	21°17	11° 3	28°32	26° 8	1°31	4° 0	23°24	23° 3	28°16	n.a.	S 9
M10	10 2 50	2°33'26	28° 7	12°32	2° 6	21°59	10°57	28°39	26° 9	1°32	4° 1	23°D24	23° 0	28°23	n.a.	M10
T 11	10 6 47	3°31'34	12♐ 7	12° 8	3°18	22°40	10°50	28°45	26° 9	1°32	4° 2	23°24	22°57	28°29	n.a.	T 11
W12	10 10 43	4°29'41	25°51	11°41	4°30	23°22	10°43	28°52	26° 9	1°32	4° 2	23°25	22°54	28°36	n.a.	W12
T 13	10 14 40	5°27'46	9♑20	11° 9	5°42	24° 3	10°37	28°59	26°10	1°33	4° 3	23°26	22°51	28°43	n.a.	T 13
F 14	10 18 37	6°25'49	22°34	10°35	6°54	24°45	10°31	29° 5	26°10	1°33	4° 4	23°27	22°47	28°50	n.a.	F 14
S 15	10 22 33	7°23'51	5♒33	9°59	8° 7	25°26	10°24	29°12	26°10	1°34	4° 5	23°28	22°44	28°56	n.a.	S 15
S 16	10 26 30	8°21'50	18°20	9°21	9°19	26° 7	10°18	29°18	26°10	1°34	4° 6	23°R28	22°41	29° 3	n.a.	S 16
M17	10 30 26	9°19'49	0♓54	8°42	10°31	26°48	10°12	29°25	26°10	1°35	4° 7	23°28	22°38	29°10	n.a.	M17
T 18	10 34 23	10°17'45	13°17	8° 3	11°44	27°30	10° 6	29°31	26°R10	1°36	4° 8	23°27	22°35	29°16	n.a.	T 18
W19	10 38 19	11°15'40	25°29	7°25	12°56	28°11	10° 1	29°38	26°10	1°36	4° 8	23°25	22°32	29°23	n.a.	W19
T 20	10 42 16	12°13'33	7♈33	6°48	14° 8	28°52	9°55	29°44	26°10	1°37	4° 9	23°23	22°28	29°30	n.a.	T 20
F 21	10 46 12	13°11'24	19°31	6°12	15°20	29°33	9°49	29°50	26°10	1°38	4°10	23°20	22°25	29°37	n.a.	F 21
S 22	10 50 9	14° 9'13	1♉24	5°39	16°33	0♈14	9°44	29°56	26°10	1°38	4°11	23°17	22°22	29°43	n.a.	S 22
S 23	10 54 5	15° 7'00	13°15	5° 9	17°45	0°55	9°39	0♒ 2	26°10	1°39	4°12	23°14	22°19	29°50	n.a.	S 23
M24	10 58 2	16° 4'46	25° 9	4°42	18°58	1°36	9°34	0° 8	26° 9	1°40	4°13	23°11	22°16	29°57	n.a.	M24
T 25	11 1 59	17° 2'30	7♊ 8	4°19	20°10	2°17	9°29	0°14	26° 9	1°41	4°14	23°10	22°12	0♉ 3	n.a.	T 25
W26	11 5 55	18° 0'12	19°18	3°59	21°22	2°58	9°24	0°20	26° 9	1°41	4°15	23°D 9	22° 9	0°10	n.a.	W26
T 27	11 9 52	18°57'52	1♋44	3°44	22°35	3°38	9°20	0°26	26° 8	1°42	4°17	23°10	22° 6	0°17	n.a.	T 27
F 28	11 13 48	19°55'31	14°28	3°33	23°47	4°19	9°15	0°32	26° 8	1°43	4°18	23°11	22° 3	0°23	n.a.	F 28
S 29	11 17 45	20°53'07	27°36	3°27	25° 0	5° 0	9°11	0°38	26° 7	1°44	4°19	23°13	22° 0	0°30	n.a.	S 29
S 30	11 21 41	21°50'42	11♌ 9	3°D26	26°12	5°41	9° 7	0°44	26° 7	1°45	4°20	23°14	21°57	0°37	n.a.	S 30
M31	11 25 38	22♓48'15	25♌ 8	3♓29	27♒24	6♈21	9♌ 3	0♒49	26♏ 6	1♊46	4♉21	23°R14	21♌53	0♉44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s51	19n32	2s57	4s13	3n12	22s54	0s42	6s 5	0s23	19n16	1n48	22s28	1s26	19s39	0n 1	20n 1	0s53	7n 5	6s23	13n59	13n58	6n26		n.a.
S 2	13 31	18 4	1 50	3 58	3 17	22 44	0 45	5 48	0 22	19 18	1 48	22 26	1 26	19 39	0 1	20 1	0 53	7 5	6 23	13 59	13 59	6 29		n.a.
M 3	13 11	15 29	0 36	3 47	3 21	22 34	0 47	5 31	0 21	19 20	1 48	22 25	1 26	19 39	0 1	20 1	0 53	7 5	6 23	13 59	14 0	6 31		n.a.
T 4	12 51	11 56	0n43	3 39	3 24	22 24	0 50	5 13	0 21	19 22	1 48	22 24	1 26	19 40	0 1	20 1	0 53	7 6	6 22	13 59	14 1	6 33		n.a.
W 5	12 31	7 37	2 0	3 34	3 25	22 13	0 52	4 56	0 20	19 24	1 48	22 22	1 26	19 40	0 1	20 1	0 53	7 6	6 22	13 59	14 2	6 35		n.a.
T 6	12 10	2 48	3 10	3 33	3 25	22 1	0 54	4 39	0 19	19 26	1 48	22 21	1 26	19 40	0 1	20 1	0 53	7 7	6 22	13 59	14 3	6 37		n.a.
F 7	11 50	2s10	4 8	3 36	3 23	21 48	0 57	4 22	0 19	19 28	1 48	22 20	1 27	19 40	0 1	20 1	0 53	7 7	6 22	13 59	14 4	6 39		n.a.
S 8	11 29	6 59	4 50	3 42	3 21	21 35	0 59	4 5	0 18	19 30	1 48	22 19	1 27	19 40	0 1	20 1	0 53	7 7	6 22	13 59	14 5	6 41		n.a.
S 9	11 8	11 21	5 13	3 51	3 16	21 21	1 1	3 47	0 17	19 32	1 48	22 17	1 27	19 40	0 1	20 2	0 53	7 8	6 22	13 59	14 7	6 43		n.a.
M10	10 46	15 1	5 16	4 4	3 11	21 7	1 3	3 30	0 17	19 34	1 48	22 16	1 27	19 40	0 1	20 2	0 53	7 8	6 21	14 0	14 8	6 45		n.a.
T 11	10 25	17 45	5 0	4 19	3 4	20 52	1 5	3 13	0 16	19 35	1 48	22 15	1 27	19 40	0 1	20 2	0 53	7 9	6 21	14 0	14 9	6 47		n.a.
W12	10 3	19 24	4 28	4 38	2 55	20 37	1 7	2 55	0 16	19 37	1 47	22 14	1 27	19 41	0 1	20 2	0 53	7 9	6 21	13 59	14 10	6 49		n.a.
T 13	9 42	19 55	3 41	4 59	2 46	20 20	1 9	2 38	0 15	19 39	1 47	22 12	1 27	19 41	0 1	20 2	0 52	7 10	6 21	13 59	14 11	6 51		n.a.
F 14	9 20	19 19	2 43	5 22	2 35	20 4	1 11	2 21	0 14	19 41	1 47	22 11	1 28	19 41	0 1	20 2	0 52	7 10	6 21	13 59	14 12	6 53		n.a.
S 15	8 58	17 41	1 38	5 47	2 22	19 47	1 13	2 4	0 14	19 42	1 47	22 10	1 28	19 41	0 1	20 2	0 52	7 11	6 21	13 58	14 13	6 55		n.a.
S 16	8 36	15 12	0 28	6 14	2 9	19 29	1 14	1 46	0 13	19 44	1 47	22 9	1 28	19 41	0 0	20 2	0 52	7 11	6 20	13 58	14 14	6 57		n.a.
M17	8 14	12 1	0s41	6 42	1 55	19 10	1 16	1 29	0 12	19 45	1 47	22 7	1 28	19 41	0 0	20 3	0 52	7 11	6 20	13 58	14 15	6 59		n.a.
T 18	7 52	8 21	1 47	7 11	1 40	18 52	1 18	1 12	0 12	19 47	1 47	22 6	1 28	19 41	0 0	20 3	0 52	7 12	6 20	13 59	14 16	7 1		n.a.
W19	7 29	4 23	2 48	7 40	1 24	18 32	1 19	0 55	0 11	19 48	1 47	22 5	1 28	19 41	0 0	20 3	0 52	7 12	6 20	13 59	14 17	7 4		n.a.
T 20	7 7	0 18	3 40	8 9	1 8	18 12	1 21	0 37	0 11	19 50	1 46	22 4	1 29	19 41	0 0	20 3	0 52	7 13	6 20	14 0	14 18	7 6		n.a.
F 21	6 44	3n46	4 22	8 37	0 52	17 52	1 22	0 20	0 10	19 51	1 46	22 3	1 29	19 41	0 0	20 3	0 52	7 13	6 20	14 1	14 19	7 8		n.a.
S 22	6 21	7 38	4 52	9 5	0 35	17 31	1 23	0 3	0 9	19 52	1 46	22 1	1 29	19 41	0 0	20 4	0 52	7 14	6 19	14 2	14 20	7 10		n.a.
S 23	5 59	11 13	5 10	9 32	0 19	17 10	1 24	0n14	0 9	19 54	1 46	22 0	1 29	19 41	0 0	20 4	0 52	7 14	6 19	14 3	14 21	7 12		n.a.
M24	5 36	14 21	5 14	9 57	0 2	16 48	1 26	0 31	0 8	19 55	1 46	21 59	1 29	19 41	0 0	20 4	0 52	7 15	6 19	14 4	14 22	7 14		n.a.
T 25	5 13	16 56	5 5	10 21	0s14	16 25	1 27	0 49	0 8	19 56	1 46	21 58	1 29	19 41	0 0	20 4	0 52	7 15	6 19	14 4	14 23	7 16		n.a.
W26	4 50	18 48	4 42	10 42	0 30	16 3	1 28	1 6	0 7	19 57	1 45	21 57	1 30	19 41	0 0	20 4	0 52	7 16	6 19	14 5	14 24	7 18		n.a.
T 27	4 27	19 49	4 6	11 2	0 45	15 40	1 29	1 23	0 6	19 58	1 45	21 56	1 30	19 40	0 0	20 5	0 52	7 16	6 19	14 4	14 26	7 20		n.a.
F 28	4 4	19 52	3 17	11 19	0 59	15 16	1 29	1 40	0 6	19 59	1 45	21 54	1 30	19 40	0 0	20 5	0 52	7 17	6 18	14 4	14 27	7 22		n.a.
S 29	3 41	18 51	2 16	11 35	1 13	14 52	1 30	1 57	0 5	20 0	1 45	21 53	1 30	19 40	0 0	20 5	0 52	7 17	6 18	14 3	14 28	7 24		n.a.
S 30	3 18	16 44	1 6	11 48	1 27	14 28	1 31	2 14	0 4	20 1	1 45	21 52	1 30	19 40	0 0	20 5	0 52	7 18	6 18	14 3	14 29	7 26		n.a.
M31	2s55	13n34	0n10	11s58	1s39	14s 3	1s32	2n31	0s 4	20n 2	1n44	21s51	1s30	19s40	0n 0	20n 6	0s52	7n18	6s18	14n 3	14n30	7n28		n.a.

Julian Day Number = 976007.5, Delta T = 13h19m33s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'28, Lahiri = -32°05'27 Julian Calendar 1 March 2041 BCE == Greg. Calendar 13 Feb. 2041 BCE

The year -2040 astronomical counting style corresponds to year 2041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

APRIL 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 29 34	23♓45'47	9♍33	3♓37	28♒37	7♈ 2	8°R59	0♒55	26°R 5	1♊47	4♉22	23°R14	21♌50	0♉50	n.a.	T 1
W 2	11 33 31	24°43'17	24°17	3°49	29°49	7°43	8♌55	1° 0	26♏ 5	1°48	4°23	23♌11	21°47	0°57	n.a.	W 2
T 3	11 37 28	25°40'46	9♎15	4° 6	1♓ 2	8°23	8°52	1° 6	26° 4	1°49	4°24	23° 8	21°44	1° 4	n.a.	T 3
F 4	11 41 24	26°38'13	24°18	4°27	2°14	9° 4	8°49	1°11	26° 3	1°51	4°26	23° 3	21°41	1°10	n.a.	F 4
S 5	11 45 21	27°35'40	9♏17	4°52	3°27	9°44	8°46	1°16	26° 2	1°52	4°27	22°58	21°38	1°17	n.a.	S 5
S 6	11 49 17	28°33'05	24° 2	5°22	4°40	10°24	8°43	1°22	26° 1	1°53	4°28	22°54	21°34	1°24	n.a.	S 6
M 7	11 53 14	29°30'30	8♐30	5°56	5°52	11° 5	8°40	1°27	26° 0	1°54	4°29	22°51	21°31	1°31	n.a.	M 7
T 8	11 57 10	0♈27'53	22°34	6°34	7° 5	11°45	8°37	1°32	25°59	1°55	4°30	22°49	21°28	1°37	n.a.	T 8
W 9	12 1 7	1°25'16	6♑16	7°15	8°17	12°26	8°35	1°37	25°58	1°57	4°32	22°D49	21°25	1°44	n.a.	W 9
T 10	12 5 3	2°22'38	19°36	8° 1	9°30	13° 6	8°33	1°42	25°57	1°58	4°33	22°50	21°22	1°51	n.a.	T 10
F 11	12 9 0	3°19'59	2♒36	8°50	10°43	13°46	8°31	1°47	25°56	1°59	4°34	22°51	21°18	1°58	n.a.	F 11
S 12	12 12 57	4°17'19	15°19	9°43	11°55	14°26	8°29	1°52	25°55	2° 1	4°35	22°53	21°15	2° 4	n.a.	S 12
S 13	12 16 53	5°14'38	27°48	10°39	13° 8	15° 6	8°27	1°57	25°54	2° 2	4°37	22°R53	21°12	2°11	n.a.	S 13
M14	12 20 50	6°11'56	10♓ 5	11°38	14°21	15°47	8°25	2° 1	25°53	2° 3	4°38	22°51	21° 9	2°18	n.a.	M14
T 15	12 24 46	7° 9'14	22°14	12°41	15°33	16°27	8°24	2° 6	25°51	2° 5	4°39	22°48	21° 6	2°24	n.a.	T 15
W16	12 28 43	8° 6'30	4♈17	13°47	16°46	17° 7	8°23	2°10	25°50	2° 6	4°41	22°42	21° 3	2°31	n.a.	W16
T 17	12 32 39	9° 3'46	16°14	14°56	17°59	17°47	8°22	2°15	25°49	2° 8	4°42	22°35	20°59	2°38	n.a.	T 17
F 18	12 36 36	10° 1'00	28° 7	16° 8	19°12	18°27	8°21	2°19	25°47	2° 9	4°43	22°26	20°56	2°45	n.a.	F 18
S 19	12 40 32	10°58'14	9♉59	17°23	20°24	19° 7	8°20	2°23	25°46	2°11	4°45	22°17	20°53	2°51	n.a.	S 19
S 20	12 44 29	11°55'27	21°50	18°41	21°37	19°47	8°20	2°28	25°44	2°12	4°46	22° 8	20°50	2°58	n.a.	S 20
M21	12 48 26	12°52'39	3♊44	20° 1	22°50	20°27	8°20	2°32	25°43	2°14	4°47	22° 1	20°47	3° 5	n.a.	M21
T 22	12 52 22	13°49'50	15°44	21°25	24° 3	21° 7	8°D20	2°36	25°41	2°15	4°49	21°55	20°43	3°11	n.a.	T 22
W23	12 56 19	14°47'00	27°53	22°51	25°16	21°47	8°20	2°40	25°40	2°17	4°50	21°51	20°40	3°18	n.a.	W23
T 24	13 0 15	15°44'09	10♋16	24°21	26°28	22°26	8°20	2°44	25°38	2°19	4°51	21°D50	20°37	3°25	n.a.	T 24
F 25	13 4 12	16°41'17	22°56	25°53	27°41	23° 6	8°21	2°47	25°36	2°20	4°53	21°50	20°34	3°32	n.a.	F 25
S 26	13 8 8	17°38'24	5♌58	27°28	28°54	23°46	8°21	2°51	25°35	2°22	4°54	21°51	20°31	3°38	n.a.	S 26
S 27	13 12 5	18°35'30	19°26	29° 5	0♈ 7	24°26	8°22	2°55	25°33	2°24	4°56	21°R51	20°28	3°45	n.a.	S 27
M28	13 16 1	19°32'36	3♍23	0♈45	1°20	25° 5	8°23	2°58	25°31	2°25	4°57	21°51	20°24	3°52	n.a.	M28
T 29	13 19 58	20°29'40	17°47	2°28	2°33	25°45	8°24	3° 2	25°29	2°27	4°58	21°48	20°21	3°58	n.a.	T 29
W30	13 23 55	21♈26'44	2♎36	4♈14	3♈46	26♈25	8♌26	3♒ 5	25♏27	2♊29	5♉ 0	21♌44	20♌18	4♉ 5	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s32	9n30	1n28	12s 6	1s51	13s38	1s32	2n48	0s 3	20n 3	1n44	21s50	1s31	19s40	0n 0	20n 6	0s52	7n19	6s18	14n 3	14n31	7n30		n.a.
W 2	2 8	4 47	2 42	12 11	2 1	13 12	1 33	3 5	0 3	20 4	1 44	21 49	1 31	19 40	0 0	20 6	0 52	7 19	6 18	14 4	14 32	7 32		n.a.
T 3	1 45	0s18	3 45	12 14	2 11	12 47	1 33	3 22	0 2	20 4	1 44	21 48	1 31	19 39	0 0	20 6	0 52	7 20	6 18	14 5	14 33	7 34		n.a.
F 4	1 22	5 23	4 33	12 15	2 20	12 20	1 34	3 38	0 1	20 5	1 44	21 47	1 31	19 39	0 0	20 7	0 52	7 20	6 17	14 7	14 34	7 36		n.a.
S 5	0 59	10 6	5 3	12 13	2 28	11 54	1 34	3 55	0 1	20 6	1 43	21 46	1 31	19 39	0 0	20 7	0 52	7 21	6 17	14 8	14 35	7 38		n.a.
S 6	0 35	14 8	5 11	12 8	2 36	11 27	1 34	4 12	0 0	20 6	1 43	21 45	1 32	19 39	0 0	20 7	0 52	7 21	6 17	14 10	14 36	7 41		n.a.
M 7	0 12	17 14	5 0	12 1	2 42	11 0	1 34	4 29	0n 0	20 7	1 43	21 44	1 32	19 39	0 0	20 7	0 51	7 22	6 17	14 11	14 37	7 43		n.a.
T 8	0n11	19 13	4 31	11 52	2 48	10 33	1 34	4 45	0 1	20 7	1 43	21 43	1 32	19 38	0 0	20 8	0 51	7 22	6 17	14 11	14 38	7 45		n.a.
W 9	0 35	20 0	3 46	11 41	2 52	10 5	1 34	5 2	0 2	20 8	1 42	21 42	1 32	19 38	0 0	20 8	0 51	7 23	6 17	14 11	14 39	7 47		n.a.
T 10	0 58	19 39	2 51	11 27	2 56	9 37	1 34	5 18	0 2	20 8	1 42	21 41	1 32	19 38	0 0	20 8	0 51	7 24	6 17	14 11	14 40	7 49		n.a.
F 11	1 21	18 14	1 48	11 11	2 59	9 9	1 34	5 35	0 3	20 8	1 42	21 40	1 33	19 38	0 0	20 9	0 51	7 24	6 17	14 10	14 41	7 51		n.a.
S 12	1 44	15 55	0 41	10 53	3 2	8 40	1 34	5 51	0 3	20 9	1 42	21 39	1 33	19 37	0 0	20 9	0 51	7 25	6 16	14 10	14 42	7 53		n.a.
S 13	2 7	12 54	0s27	10 32	3 3	8 12	1 34	6 8	0 4	20 9	1 41	21 38	1 33	19 37	0 0	20 9	0 51	7 25	6 16	14 10	14 43	7 55		n.a.
M14	2 31	9 21	1 32	10 10	3 4	7 43	1 33	6 24	0 4	20 9	1 41	21 37	1 33	19 37	0 0	20 9	0 51	7 26	6 16	14 11	14 44	7 57		n.a.
T 15	2 54	5 28	2 32	9 45	3 4	7 14	1 33	6 40	0 5	20 9	1 41	21 37	1 33	19 37	0 0	20 10	0 51	7 26	6 16	14 12	14 45	7 59		n.a.
W16	3 17	1 23	3 25	9 19	3 3	6 45	1 33	6 56	0 6	20 9	1 41	21 36	1 34	19 36	0 0	20 10	0 51	7 27	6 16	14 14	14 46	8 1		n.a.
T 17	3 40	2n42	4 8	8 50	3 2	6 15	1 32	7 13	0 6	20 9	1 40	21 35	1 34	19 36	0 0	20 10	0 51	7 27	6 16	14 16	14 47	8 3		n.a.
F 18	4 3	6 40	4 40	8 20	3 0	5 46	1 31	7 29	0 7	20 9	1 40	21 34	1 34	19 36	0 0	20 11	0 51	7 28	6 16	14 19	14 48	8 5		n.a.
S 19	4 26	10 22	5 0	7 47	2 57	5 16	1 31	7 45	0 7	20 9	1 40	21 33	1 34	19 35	0 0	20 11	0 51	7 28	6 16	14 22	14 50	8 7		n.a.
S 20	4 48	13 40	5 7	7 13	2 53	4 46	1 30	8 1	0 8	20 9	1 40	21 33	1 35	19 35	0 0	20 11	0 51	7 29	6 15	14 25	14 51	8 9		n.a.
M21	5 11	16 25	5 0	6 37	2 49	4 16	1 29	8 17	0 9	20 9	1 39	21 32	1 35	19 35	0 0	20 12	0 51	7 30	6 15	14 27	14 52	8 11		n.a.
T 22	5 34	18 30	4 41	5 58	2 44	3 46	1 28	8 32	0 9	20 9	1 39	21 31	1 35	19 34	0 0	20 12	0 51	7 30	6 15	14 29	14 53	8 13		n.a.
W23	5 56	19 46	4 8	5 19	2 39	3 15	1 28	8 48	0 10	20 8	1 39	21 30	1 35	19 34	0 0	20 13	0 51	7 31	6 15	14 30	14 54	8 15		n.a.
T 24	6 19	20 8	3 24	4 37	2 33	2 45	1 27	9 4	0 10	20 8	1 39	21 30	1 35	19 33	0 0	20 13	0 51	7 31	6 15	14 31	14 55	8 17		n.a.
F 25	6 41	19 29	2 29	3 54	2 26	2 14	1 26	9 19	0 11	20 8	1 38	21 29	1 36	19 33	0 0	20 13	0 51	7 32	6 15	14 31	14 56	8 19		n.a.
S 26	7 4	17 48	1 24	3 9	2 19	1 44	1 24	9 35	0 11	20 7	1 38	21 28	1 36	19 33	0 0	20 14	0 51	7 32	6 15	14 31	14 57	8 21		n.a.
S 27	7 26	15 5	0 13	2 22	2 11	1 13	1 23	9 50	0 12	20 7	1 38	21 28	1 36	19 32	0 0	20 14	0 51	7 33	6 15	14 30	14 58	8 24		n.a.
M28	7 48	11 25	1n 1	1 34	2 3	0 43	1 22	10 6	0 13	20 6	1 38	21 27	1 36	19 32	0 0	20 14	0 51	7 33	6 15	14 31	14 59	8 26		n.a.
T 29	8 10	6 58	2 14	0 45	1 55	0 12	1 21	10 21	0 13	20 6	1 37	21 27	1 37	19 31	0 0	20 15	0 51	7 34	6 15	14 31	15 0	8 28		n.a.
W30	8n32	1n59	3n20	0n 6	1s45	0n19	1s20	10n36	0n14	20n 5	1n37	21s26	1s37	19s31	0n 0	20n15	0s51	7n35	6s15	14n33	15n 1	8n30		n.a.

Julian Day Number = 976038.5, Delta T = 13h19m31s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'24, Lahiri = -32°05'23 Julian Calendar 1 Apr. 2041 BCE == Greg. Calendar 15 March 2041 BCE

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

MAY 2041 BCE (-2040) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 27 51	22♈23'47	17♎45	6♈ 2	4♈59	27♈ 4	8♌27	3♒ 8	25°R25	2♊31	5♉ 1	21°R37	20♌15	4♉12	n.a.	T 1
F 2	13 31 48	23°20'50	3♏ 2	7°53	6°12	27°44	8°29	3°11	25♏24	2°32	5° 3	21♌28	20°12	4°19	n.a.	F 2
S 3	13 35 44	24°17'53	18°17	9°46	7°25	28°23	8°31	3°15	25°22	2°34	5° 4	21°19	20° 9	4°25	n.a.	S 3
S 4	13 39 41	25°14'55	3♐20	11°42	8°38	29° 3	8°33	3°18	25°20	2°36	5° 6	21°11	20° 5	4°32	n.a.	S 4
M 5	13 43 37	26°11'57	18° 1	13°40	9°51	29°42	8°35	3°20	25°18	2°38	5° 7	21° 4	20° 2	4°39	n.a.	M 5
T 6	13 47 34	27° 8'59	2♑17	15°40	11° 4	0♉22	8°37	3°23	25°16	2°40	5° 8	21° 0	19°59	4°45	n.a.	T 6
W 7	13 51 30	28° 6'02	16° 3	17°42	12°17	1° 1	8°40	3°26	25°14	2°42	5°10	20°57	19°56	4°52	n.a.	W 7
T 8	13 55 27	29° 3'04	29°23	19°46	13°30	1°41	8°43	3°29	25°12	2°44	5°11	20°D57	19°53	4°59	n.a.	T 8
F 9	13 59 24	0♉ 0'06	12♒19	21°52	14°43	2°20	8°46	3°31	25°10	2°45	5°13	20°57	19°49	5° 6	n.a.	F 9
S 10	14 3 20	0°57'09	24°54	24° 0	15°56	2°59	8°49	3°34	25° 7	2°47	5°14	20°R57	19°46	5°12	n.a.	S 10
S 11	14 7 17	1°54'11	7♓14	26° 8	17°10	3°39	8°52	3°36	25° 5	2°49	5°16	20°56	19°43	5°19	n.a.	S 11
M12	14 11 13	2°51'14	19°22	28°17	18°23	4°18	8°55	3°38	25° 3	2°51	5°17	20°53	19°40	5°26	n.a.	M12
T 13	14 15 10	3°48'17	1♈22	0♉27	19°36	4°57	8°59	3°40	25° 1	2°53	5°19	20°47	19°37	5°32	n.a.	T 13
W14	14 19 6	4°45'20	13°17	2°38	20°49	5°36	9° 3	3°42	24°59	2°55	5°20	20°38	19°34	5°39	n.a.	W14
T 15	14 23 3	5°42'23	25° 9	4°48	22° 2	6°16	9° 7	3°44	24°57	2°57	5°21	20°27	19°30	5°46	n.a.	T 15
F 16	14 27 0	6°39'26	7♉ 0	6°59	23°16	6°55	9°11	3°46	24°54	2°59	5°23	20°14	19°27	5°53	n.a.	F 16
S 17	14 30 56	7°36'29	18°53	9° 9	24°29	7°34	9°15	3°48	24°52	3° 1	5°24	20° 1	19°24	5°59	n.a.	S 17
S 18	14 34 53	8°33'33	0♊47	11°18	25°42	8°13	9°19	3°49	24°50	3° 3	5°26	19°48	19°21	6° 6	n.a.	S 18
M19	14 38 49	9°30'36	12°45	13°26	26°56	8°52	9°24	3°51	24°48	3° 5	5°27	19°36	19°18	6°13	n.a.	M19
T 20	14 42 46	10°27'40	24°49	15°34	28° 9	9°31	9°29	3°52	24°45	3° 8	5°29	19°27	19°14	6°20	n.a.	T 20
W21	14 46 42	11°24'43	7♋ 1	17°40	29°22	10°10	9°34	3°54	24°43	3°10	5°30	19°21	19°11	6°26	n.a.	W21
T 22	14 50 39	12°21'47	19°25	19°44	0♉36	10°49	9°39	3°55	24°41	3°12	5°32	19°17	19° 8	6°33	n.a.	T 22
F 23	14 54 36	13°18'51	2♌ 4	21°47	1°49	11°28	9°44	3°56	24°38	3°14	5°33	19°15	19° 5	6°40	n.a.	F 23
S 24	14 58 32	14°15'55	15° 3	23°49	3° 3	12° 7	9°49	3°57	24°36	3°16	5°35	19°15	19° 2	6°46	n.a.	S 24
S 25	15 2 29	15°12'58	28°25	25°49	4°16	12°46	9°55	3°58	24°34	3°18	5°36	19°15	18°59	6°53	n.a.	S 25
M26	15 6 25	16°10'02	12♍13	27°47	5°30	13°25	10° 0	3°59	24°31	3°20	5°37	19°14	18°55	7° 0	n.a.	M26
T 27	15 10 22	17° 7'06	26°29	29°43	6°43	14° 4	10° 6	4° 0	24°29	3°22	5°39	19°11	18°52	7° 7	n.a.	T 27
W28	15 14 18	18° 4'10	11♎10	1♊38	7°57	14°43	10°12	4° 0	24°26	3°25	5°40	19° 5	18°49	7°13	n.a.	W28
T 29	15 18 15	19° 1'15	26°13	3°30	9°10	15°22	10°18	4° 1	24°24	3°27	5°42	18°57	18°46	7°20	n.a.	T 29
F 30	15 22 11	19°58'20	11♏29	5°21	10°24	16° 1	10°24	4° 1	24°22	3°29	5°43	18°47	18°43	7°27	n.a.	F 30
S 31	15 26 8	20♉55'25	26♏47	7♊10	11♉37	16♉40	10♌30	4♒ 1	24♏19	3♊31	5♉45	18♌36	18♌40	7♉33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	8n53	3s13	4n13	0n59	1s36	0n50	1s18	10n51	0n14	20n 4	1n37	21s25	1s37	19s30	0n 0	20n16	0s51	7n35	6s14	14n35	15n 2	8n32			n.a.
F 2	9 15	8 16	4 48	1 52	1 26	1 20	1 17	11 6	0 15	20 4	1 37	21 25	1 37	19 30	0 0	20 16	0 51	7 36	6 14	14 38	15 3	8 34			n.a.
S 3	9 36	12 46	5 3	2 47	1 16	1 51	1 15	11 21	0 15	20 3	1 36	21 24	1 38	19 30	0 0	20 16	0 51	7 36	6 14	14 41	15 4	8 36			n.a.
S 4	9 58	16 24	4 57	3 43	1 6	2 22	1 14	11 36	0 16	20 2	1 36	21 24	1 38	19 29	0 0	20 17	0 51	7 37	6 14	14 44	15 5	8 38			n.a.
M 5	10 19	18 52	4 31	4 39	0 55	2 53	1 12	11 51	0 16	20 1	1 36	21 23	1 38	19 29	0 0	20 17	0 51	7 37	6 14	14 46	15 6	8 40			n.a.
T 6	10 40	20 6	3 49	5 37	0 44	3 23	1 11	12 6	0 17	20 0	1 36	21 23	1 38	19 28	0 0	20 17	0 51	7 38	6 14	14 47	15 7	8 42			n.a.
W 7	11 1	20 3	2 55	6 35	0 33	3 54	1 9	12 20	0 18	19 59	1 35	21 23	1 38	19 28	0s 0	20 18	0 51	7 38	6 14	14 48	15 8	8 44			n.a.
T 8	11 21	18 52	1 52	7 33	0 22	4 24	1 7	12 35	0 18	19 58	1 35	21 22	1 39	19 27	0 0	20 18	0 50	7 39	6 14	14 48	15 9	8 46			n.a.
F 9	11 42	16 43	0 46	8 31	0 11	4 55	1 5	12 49	0 19	19 57	1 35	21 22	1 39	19 27	0 0	20 19	0 50	7 39	6 14	14 48	15 10	8 48			n.a.
S 10	12 2	13 49	0s21	9 29	0 0	5 25	1 4	13 3	0 19	19 56	1 34	21 22	1 39	19 26	0 0	20 19	0 50	7 40	6 14	14 48	15 11	8 50			n.a.
S 11	12 23	10 21	1 25	10 27	0n10	5 55	1 2	13 18	0 20	19 55	1 34	21 21	1 39	19 26	0 0	20 20	0 50	7 41	6 14	14 49	15 12	8 52			n.a.
M12	12 43	6 30	2 25	11 24	0 21	6 26	1 0	13 32	0 20	19 54	1 34	21 21	1 40	19 25	0 0	20 20	0 50	7 41	6 14	14 50	15 13	8 54			n.a.
T 13	13 2	2 27	3 17	12 21	0 31	6 56	0 58	13 46	0 21	19 53	1 34	21 21	1 40	19 25	0 0	20 20	0 50	7 42	6 14	14 52	15 14	8 56			n.a.
W14	13 22	1n40	4 0	13 16	0 41	7 26	0 56	14 0	0 21	19 52	1 33	21 20	1 40	19 24	0 0	20 21	0 50	7 42	6 14	14 54	15 15	8 58			n.a.
T 15	13 41	5 43	4 32	14 10	0 50	7 55	0 54	14 13	0 22	19 50	1 33	21 20	1 40	19 23	0 0	20 21	0 50	7 43	6 14	14 58	15 16	9 0			n.a.
F 16	14 1	9 32	4 53	15 3	0 59	8 25	0 52	14 27	0 23	19 49	1 33	21 20	1 41	19 23	0 0	20 22	0 50	7 43	6 14	15 2	15 17	9 2			n.a.
S 17	14 20	12 59	5 0	15 54	1 7	8 54	0 50	14 41	0 23	19 47	1 33	21 20	1 41	19 22	0 0	20 22	0 50	7 44	6 13	15 6	15 18	9 4			n.a.
S 18	14 39	15 55	4 55	16 43	1 15	9 23	0 48	14 54	0 24	19 46	1 32	21 20	1 41	19 22	0 0	20 22	0 50	7 44	6 13	15 11	15 19	9 6			n.a.
M19	14 57	18 13	4 37	17 30	1 22	9 52	0 46	15 7	0 24	19 45	1 32	21 19	1 41	19 21	0 0	20 23	0 50	7 45	6 13	15 14	15 20	9 8			n.a.
T 20	15 16	19 44	4 6	18 15	1 29	10 21	0 44	15 21	0 25	19 43	1 32	21 19	1 42	19 21	0 0	20 23	0 50	7 45	6 13	15 17	15 21	9 10			n.a.
W21	15 34	20 21	3 23	18 57	1 35	10 50	0 41	15 34	0 25	19 41	1 32	21 19	1 42	19 20	0 0	20 24	0 50	7 46	6 13	15 19	15 22	9 12			n.a.
T 22	15 52	20 0	2 31	19 38	1 40	11 18	0 39	15 47	0 26	19 40	1 31	21 19	1 42	19 20	0 0	20 24	0 50	7 46	6 13	15 20	15 23	9 14			n.a.
F 23	16 9	18 39	1 30	20 16	1 45	11 46	0 37	16 0	0 26	19 38	1 31	21 19	1 42	19 19	0 0	20 25	0 50	7 47	6 13	15 21	15 24	9 16			n.a.
S 24	16 27	16 18	0 22	20 51	1 48	12 14	0 35	16 12	0 27	19 36	1 31	21 19	1 43	19 18	0 0	20 25	0 50	7 47	6 13	15 21	15 25	9 18			n.a.
S 25	16 44	13 1	0n48	21 24	1 52	12 42	0 32	16 25	0 27	19 35	1 31	21 19	1 43	19 18	0 0	20 25	0 50	7 48	6 13	15 21	15 26	9 20			n.a.
M26	17 1	8 56	1 58	21 55	1 54	13 9	0 30	16 38	0 28	19 33	1 30	21 19	1 43	19 17	0 0	20 26	0 50	7 48	6 13	15 21	15 27	9 23			n.a.
T 27	17 17	4 13	3 3	22 23	1 56	13 36	0 28	16 50	0 28	19 31	1 30	21 19	1 44	19 17	0 0	20 26	0 50	7 49	6 13	15 22	15 28	9 25			n.a.
W28	17 34	0s52	3 58	22 49	1 57	14 2	0 26	17 2	0 29	19 29	1 30	21 19	1 44	19 16	0 0	20 27	0 50	7 49	6 13	15 24	15 29	9 27			n.a.
T 29	17 50	6 1	4 37	23 13	1 58	14 29	0 23	17 14	0 29	19 27	1 30	21 20	1 44	19 15	0 0	20 27	0 50	7 50	6 13	15 27	15 30	9 29			n.a.
F 30	18 6	10 52	4 58	23 34	1 58	14 55	0 21	17 27	0 30	19 25	1 30	21 20	1 44	19 15	0 0	20 28	0 50	7 50	6 13	15 30	15 31	9 31			n.a.
S 31	18n21	15s 1	4n57	23n53	1n57	15n20	0s18	17n38	0n30	19n23	1n29	21s20	1s45	19s14	0s 0	20n28	0s50	7n51	6s13	15n33	15n32	9n33			n.a.

Julian Day Number = 976068.5, Delta T = 13h19m29s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'19, Lahiri = -32°05'19 Julian Calendar 1 May 2041 BCE == Greg. Calendar 14 Apr. 2041 BCE

The year -2040 astronomical counting style corresponds to year 2041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

JUNE 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 30 5	21♉52'31	11♐56	8♊57	12♉51	17♉18	10♌37	4♒ 2	24°R17	3♊33	5♉46	18°R26	18♌36	7♉40	n.a.	S 1
M 2	15 34 1	22°49'38	26°45	10°43	14° 4	17°57	10°44	4° 2	24♏14	3°35	5°47	18♌17	18°33	7°47	n.a.	M 2
T 3	15 37 58	23°46'46	11♑ 8	12°26	15°18	18°36	10°50	4°R 2	24°12	3°38	5°49	18°11	18°30	7°54	n.a.	T 3
W 4	15 41 54	24°43'55	25° 2	14° 8	16°32	19°15	10°57	4° 2	24°10	3°40	5°50	18° 8	18°27	8° 0	n.a.	W 4
T 5	15 45 51	25°41'05	8♒27	15°48	17°45	19°53	11° 4	4° 1	24° 7	3°42	5°52	18° 6	18°24	8° 7	n.a.	T 5
F 6	15 49 47	26°38'16	21°25	17°26	18°59	20°32	11°11	4° 1	24° 5	3°44	5°53	18° 6	18°20	8°14	n.a.	F 6
S 7	15 53 44	27°35'27	4♓ 0	19° 2	20°13	21°11	11°19	4° 1	24° 2	3°46	5°54	18° 6	18°17	8°21	n.a.	S 7
S 8	15 57 41	28°32'40	16°18	20°36	21°27	21°49	11°26	4° 0	24° 0	3°49	5°56	18° 5	18°14	8°27	n.a.	S 8
M 9	16 1 37	29°29'54	28°23	22° 8	22°40	22°28	11°34	4° 0	23°58	3°51	5°57	18° 2	18°11	8°34	n.a.	M 9
T 10	16 5 34	0♊27'10	10♈19	23°39	23°54	23° 7	11°41	3°59	23°55	3°53	5°58	17°57	18° 8	8°41	n.a.	T 10
W11	16 9 30	1°24'26	22°11	25° 8	25° 8	23°45	11°49	3°58	23°53	3°55	6° 0	17°48	18° 5	8°47	n.a.	W11
T 12	16 13 27	2°21'43	4♉ 2	26°34	26°22	24°24	11°57	3°57	23°50	3°58	6° 1	17°38	18° 1	8°54	n.a.	T 12
F 13	16 17 23	3°19'02	15°54	27°59	27°36	25° 2	12° 5	3°56	23°48	4° 0	6° 2	17°25	17°58	9° 1	n.a.	F 13
S 14	16 21 20	4°16'22	27°50	29°22	28°50	25°41	12°13	3°55	23°46	4° 2	6° 4	17°12	17°55	9° 8	n.a.	S 14
S 15	16 25 16	5°13'43	9♊50	0♋43	0♊ 4	26°19	12°21	3°54	23°43	4° 4	6° 5	16°59	17°52	9°14	n.a.	S 15
M16	16 29 13	6°11'05	21°56	2° 2	1°18	26°58	12°30	3°52	23°41	4° 6	6° 6	16°48	17°49	9°21	n.a.	M16
T 17	16 33 10	7° 8'28	4♋10	3°19	2°32	27°36	12°38	3°51	23°39	4° 9	6° 8	16°39	17°46	9°28	n.a.	T 17
W18	16 37 6	8° 5'52	16°32	4°33	3°46	28°15	12°47	3°50	23°36	4°11	6° 9	16°33	17°42	9°34	n.a.	W18
T 19	16 41 3	9° 3'17	29° 4	5°46	5° 0	28°53	12°56	3°48	23°34	4°13	6°10	16°29	17°39	9°41	n.a.	T 19
F 20	16 44 59	10° 0'43	11♌50	6°56	6°14	29°32	13° 4	3°46	23°32	4°15	6°11	16°D28	17°36	9°48	n.a.	F 20
S 21	16 48 56	10°58'10	24°52	8° 4	7°28	0♊10	13°13	3°44	23°29	4°18	6°13	16°28	17°33	9°55	n.a.	S 21
S 22	16 52 52	11°55'38	8♍12	9° 9	8°42	0°49	13°22	3°42	23°27	4°20	6°14	16°R28	17°30	10° 1	n.a.	S 22
M23	16 56 49	12°53'07	21°55	10°12	9°56	1°27	13°32	3°40	23°25	4°22	6°15	16°28	17°26	10° 8	n.a.	M23
T 24	17 0 46	13°50'37	6♎ 0	11°12	11°10	2° 5	13°41	3°38	23°23	4°24	6°16	16°26	17°23	10°15	n.a.	T 24
W25	17 4 42	14°48'08	20°27	12°10	12°24	2°44	13°50	3°36	23°21	4°26	6°17	16°22	17°20	10°22	n.a.	W25
T 26	17 8 39	15°45'40	5♏14	13° 4	13°39	3°22	14° 0	3°34	23°18	4°29	6°19	16°16	17°17	10°28	n.a.	T 26
F 27	17 12 35	16°43'14	20°13	13°56	14°53	4° 1	14° 9	3°31	23°16	4°31	6°20	16° 8	17°14	10°35	n.a.	F 27
S 28	17 16 32	17°40'48	5♐18	14°44	16° 7	4°39	14°19	3°29	23°14	4°33	6°21	15°59	17°11	10°42	n.a.	S 28
S 29	17 20 28	18°38'25	20°17	15°29	17°21	5°17	14°29	3°26	23°12	4°35	6°22	15°51	17° 7	10°48	n.a.	S 29
M30	17 24 25	19♊36'03	5♑ 1	16♋10	18♊35	5♊55	14♌38	3♒24	23♏10	4♊37	6♉23	15♌44	17♌ 4	10♉55	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n36	18s 7	4n36	24n 9	1n56	15n45	0s16	17n50	0n31	19n21	1n29	21s20	1s45	19s14	0s 0	20n29	0s50	7n51	6s13	15n37	15n33	9n35		n.a.
M 2	18 51	19 57	3 56	24 23	1 54	16 10	0 14	18 2	0 31	19 19	1 29	21 20	1 45	19 13	0 0	20 29	0 50	7 52	6 13	15 39	15 34	9 37		n.a.
T 3	19 6	20 26	3 2	24 36	1 52	16 34	0 11	18 13	0 32	19 17	1 29	21 21	1 45	19 13	0 0	20 29	0 50	7 52	6 13	15 41	15 35	9 39		n.a.
W 4	19 20	19 37	1 59	24 46	1 49	16 58	0 9	18 25	0 32	19 15	1 28	21 21	1 46	19 12	0 0	20 30	0 50	7 53	6 13	15 42	15 36	9 41		n.a.
T 5	19 34	17 42	0 51	24 54	1 46	17 22	0 7	18 36	0 33	19 13	1 28	21 21	1 46	19 11	0 0	20 30	0 50	7 53	6 13	15 43	15 37	9 43		n.a.
F 6	19 48	14 56	0s18	25 0	1 42	17 45	0 4	18 47	0 34	19 11	1 28	21 21	1 46	19 11	0 0	20 31	0 50	7 54	6 13	15 43	15 38	9 45		n.a.
S 7	20 1	11 32	1 23	25 5	1 37	18 8	0 2	18 58	0 34	19 8	1 28	21 22	1 46	19 10	0 0	20 31	0 50	7 54	6 13	15 43	15 39	9 47		n.a.
S 8	20 14	7 42	2 23	25 7	1 32	18 30	0n 1	19 9	0 35	19 6	1 28	21 22	1 47	19 10	0 0	20 32	0 50	7 54	6 13	15 43	15 40	9 49		n.a.
M 9	20 27	3 38	3 16	25 8	1 27	18 52	0 3	19 19	0 35	19 4	1 27	21 23	1 47	19 9	0 0	20 32	0 50	7 55	6 13	15 44	15 41	9 51		n.a.
T 10	20 40	0n31	3 59	25 7	1 21	19 13	0 5	19 30	0 36	19 1	1 27	21 23	1 47	19 8	0 0	20 32	0 50	7 55	6 13	15 46	15 42	9 53		n.a.
W11	20 52	4 37	4 32	25 5	1 15	19 34	0 8	19 40	0 36	18 59	1 27	21 23	1 47	19 8	0 0	20 33	0 50	7 56	6 13	15 48	15 43	9 55		n.a.
T 12	21 3	8 32	4 53	25 1	1 8	19 54	0 10	19 51	0 37	18 56	1 27	21 24	1 48	19 7	0 0	20 33	0 50	7 56	6 13	15 52	15 44	9 57		n.a.
F 13	21 15	12 8	5 1	24 56	1 1	20 14	0 12	20 1	0 37	18 54	1 26	21 24	1 48	19 7	0 0	20 34	0 50	7 57	6 13	15 56	15 45	9 59		n.a.
S 14	21 26	15 17	4 56	24 49	0 54	20 33	0 15	20 11	0 38	18 51	1 26	21 25	1 48	19 6	0 0	20 34	0 50	7 57	6 13	16 0	15 46	10 1		n.a.
S 15	21 36	17 48	4 38	24 41	0 46	20 51	0 17	20 20	0 38	18 49	1 26	21 25	1 48	19 5	0 0	20 35	0 50	7 57	6 13	16 4	15 47	10 3		n.a.
M16	21 47	19 34	4 7	24 32	0 37	21 9	0 19	20 30	0 39	18 46	1 26	21 26	1 49	19 5	0 0	20 35	0 50	7 58	6 13	16 7	15 48	10 5		n.a.
T 17	21 57	20 27	3 25	24 22	0 29	21 27	0 22	20 40	0 39	18 44	1 26	21 27	1 49	19 4	0 0	20 36	0 50	7 58	6 13	16 10	15 49	10 7		n.a.
W18	22 6	20 22	2 32	24 11	0 20	21 43	0 24	20 49	0 40	18 41	1 26	21 27	1 49	19 4	0 0	20 36	0 50	7 59	6 13	16 12	15 50	10 9		n.a.
T 19	22 15	19 17	1 31	23 58	0 11	22 0	0 26	20 58	0 40	18 38	1 25	21 28	1 49	19 3	0 0	20 36	0 50	7 59	6 13	16 13	15 51	10 11		n.a.
F 20	22 24	17 12	0 25	23 45	0 1	22 15	0 29	21 7	0 41	18 35	1 25	21 28	1 50	19 3	0 0	20 37	0 50	7 59	6 13	16 13	15 52	10 13		n.a.
S 21	22 33	14 12	0n45	23 32	0s 9	22 30	0 31	21 16	0 41	18 33	1 25	21 29	1 50	19 2	0 0	20 37	0 50	8 0	6 13	16 13	15 53	10 15		n.a.
S 22	22 41	10 24	1 53	23 17	0 19	22 45	0 33	21 25	0 41	18 30	1 25	21 30	1 50	19 1	0 0	20 38	0 50	8 0	6 13	16 13	15 54	10 17		n.a.
M23	22 48	5 58	2 57	23 2	0 30	22 58	0 35	21 33	0 42	18 27	1 25	21 31	1 50	19 1	0 0	20 38	0 50	8 1	6 13	16 13	15 55	10 19		n.a.
T 24	22 56	1 7	3 52	22 46	0 40	23 11	0 37	21 42	0 42	18 24	1 24	21 31	1 51	19 0	0 0	20 38	0 50	8 1	6 13	16 14	15 56	10 21		n.a.
W25	23 2	3s55	4 34	22 30	0 51	23 24	0 39	21 50	0 43	18 21	1 24	21 32	1 51	19 0	0 0	20 39	0 50	8 1	6 13	16 15	15 57	10 23		n.a.
T 26	23 9	8 50	4 59	22 14	1 2	23 35	0 41	21 58	0 43	18 18	1 24	21 33	1 51	18 59	0 1	20 39	0 50	8 2	6 13	16 17	15 58	10 25		n.a.
F 27	23 15	13 17	5 4	21 58	1 14	23 46	0 43	22 6	0 44	18 15	1 24	21 34	1 51	18 59	0 1	20 40	0 50	8 2	6 13	16 19	15 59	10 27		n.a.
S 28	23 21	16 54	4 47	21 41	1 25	23 56	0 45	22 14	0 44	18 12	1 24	21 34	1 51	18 58	0 1	20 40	0 50	8 2	6 14	16 22	16 0	10 29		n.a.
S 29	23 26	19 23	4 12	21 24	1 37	24 6	0 47	22 21	0 45	18 9	1 24	21 35	1 52	18 58	0 1	20 41	0 50	8 3	6 14	16 25	16 1	10 31		n.a.
M30	23n31	20s30	3n20	21n 8	1s49	24n15	0n49	22n29	0n45	18n 6	1n23	21s36	1s52	18s57	0s 1	20n41	0s50	8n 3	6s14	16n27	16n 2	10n33		n.a.

Julian Day Number = 976099.5, Delta T = 13h19m27s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'15, Lahiri = -32°05'15 Julian Calendar 1 June 2041 BCE == Greg. Calendar 15 May 2041 BCE

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

JULY 2041 BCE (-2040) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 28 21	20♊33'42	19♉24	16♋47	19♊50	6♊34	14♌48	3°R21	23°R 8	4♊39	6♉24	15°R39	17♌ 1	11♉ 2	n.a.	T 1
W 2	17 32 18	21°31'23	3♒20	17°21	21° 4	7°12	14°58	3♒18	23♏ 6	4°42	6°25	15♌36	16°58	11° 9	n.a.	W 2
T 3	17 36 15	22°29'06	16°49	17°50	22°18	7°50	15° 9	3°15	23° 4	4°44	6°26	15°D36	16°55	11°15	n.a.	T 3
F 4	17 40 11	23°26'50	29°51	18°15	23°33	8°28	15°19	3°12	23° 2	4°46	6°27	15°36	16°52	11°22	n.a.	F 4
S 5	17 44 8	24°24'37	12♓30	18°35	24°47	9° 7	15°29	3° 9	23° 0	4°48	6°28	15°37	16°48	11°29	n.a.	S 5
S 6	17 48 4	25°22'25	24°50	18°50	26° 1	9°45	15°39	3° 6	22°58	4°50	6°30	15°R38	16°45	11°36	n.a.	S 6
M 7	17 52 1	26°20'16	6♈56	19° 0	27°16	10°23	15°50	3° 3	22°56	4°52	6°31	15°37	16°42	11°42	n.a.	M 7
T 8	17 55 57	27°18'08	18°53	19°R 5	28°30	11° 1	16° 1	3° 0	22°54	4°54	6°32	15°35	16°39	11°49	n.a.	T 8
W 9	17 59 54	28°16'02	0♉45	19° 4	29°45	11°39	16°11	2°56	22°53	4°56	6°33	15°30	16°36	11°56	n.a.	W 9
T 10	18 3 50	29°13'58	12°37	18°58	0♋59	12°18	16°22	2°53	22°51	4°59	6°33	15°24	16°32	12° 2	n.a.	T 10
F 11	18 7 47	0♋11'57	24°31	18°45	2°14	12°56	16°33	2°49	22°49	5° 1	6°34	15°16	16°29	12° 9	n.a.	F 11
S 12	18 11 44	1° 9'57	6♊32	18°27	3°28	13°34	16°44	2°46	22°47	5° 3	6°35	15° 8	16°26	12°16	n.a.	S 12
S 13	18 15 40	2° 7'59	18°40	18° 2	4°43	14°12	16°55	2°42	22°46	5° 5	6°36	15° 0	16°23	12°23	n.a.	S 13
M14	18 19 37	3° 6'03	0♋57	17°32	5°57	14°50	17° 6	2°38	22°44	5° 7	6°37	14°53	16°20	12°29	n.a.	M14
T 15	18 23 33	4° 4'09	13°25	16°55	7°12	15°28	17°17	2°34	22°42	5° 9	6°38	14°47	16°17	12°36	n.a.	T 15
W16	18 27 30	5° 2'17	26° 3	16°14	8°27	16° 6	17°28	2°31	22°41	5°11	6°39	14°44	16°13	12°43	n.a.	W16
T 17	18 31 26	6° 0'26	8♌52	15°27	9°41	16°44	17°39	2°27	22°39	5°13	6°40	14°D42	16°10	12°50	n.a.	T 17
F 18	18 35 23	6°58'38	21°54	14°37	10°56	17°22	17°51	2°23	22°38	5°15	6°41	14°42	16° 7	12°56	n.a.	F 18
S 19	18 39 19	7°56'51	5♍ 9	13°42	12°10	18° 0	18° 2	2°19	22°36	5°17	6°41	14°43	16° 4	13° 3	n.a.	S 19
S 20	18 43 16	8°55'05	18°38	12°46	13°25	18°38	18°13	2°14	22°35	5°19	6°42	14°45	16° 1	13°10	n.a.	S 20
M21	18 47 13	9°53'22	2♎23	11°47	14°40	19°16	18°25	2°10	22°33	5°20	6°43	14°46	15°58	13°16	n.a.	M21
T 22	18 51 9	10°51'40	16°23	10°49	15°54	19°54	18°37	2° 6	22°32	5°22	6°44	14°R46	15°54	13°23	n.a.	T 22
W23	18 55 6	11°49'59	0♏37	9°51	17° 9	20°32	18°48	2° 2	22°31	5°24	6°44	14°45	15°51	13°30	n.a.	W23
T 24	18 59 2	12°48'21	15° 5	8°56	18°24	21°10	19° 0	1°57	22°29	5°26	6°45	14°42	15°48	13°37	n.a.	T 24
F 25	19 2 59	13°46'44	29°41	8° 5	19°39	21°48	19°12	1°53	22°28	5°28	6°46	14°38	15°45	13°43	n.a.	F 25
S 26	19 6 55	14°45'09	14♐21	7°18	20°53	22°26	19°24	1°49	22°27	5°30	6°46	14°34	15°42	13°50	n.a.	S 26
S 27	19 10 52	15°43'36	28°57	6°37	22° 8	23° 4	19°36	1°44	22°26	5°32	6°47	14°30	15°38	13°57	n.a.	S 27
M28	19 14 48	16°42'05	13♑22	6° 4	23°23	23°42	19°48	1°40	22°25	5°33	6°48	14°26	15°35	14° 3	n.a.	M28
T 29	19 18 45	17°40'36	27°31	5°38	24°38	24°20	20° 0	1°35	22°24	5°35	6°48	14°24	15°32	14°10	n.a.	T 29
W30	19 22 41	18°39'09	11♒20	5°21	25°52	24°58	20°12	1°31	22°23	5°37	6°49	14°D23	15°29	14°17	n.a.	W30
T 31	19 26 38	19♋37'45	24♒46	5°D13	27♋ 7	25♊36	20♌24	1♒26	22♏22	5♊39	6♉49	14♌24	15♌26	14♉24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n35	20s15	2n16	20n51	2s 1	24n23	0n51	22n36	0n46	18n 3	1n23	21s37	1s52	18s57	0s 1	20n41	0s50	8n 3	6s14	16n28	16n 3	10n35			n.a.
W 2	23 39	18 45	1 5	20 35	2 12	24 30	0 53	22 43	0 46	18 0	1 23	21 38	1 52	18 56	0 1	20 42	0 50	8 4	6 14	16 29	16 4	10 37			n.a.
T 3	23 42	16 13	0s 7	20 20	2 24	24 37	0 55	22 50	0 47	17 56	1 23	21 39	1 53	18 55	0 1	20 42	0 50	8 4	6 14	16 29	16 5	10 39			n.a.
F 4	23 46	12 56	1 16	20 5	2 36	24 43	0 57	22 57	0 47	17 53	1 23	21 40	1 53	18 55	0 1	20 43	0 50	8 4	6 14	16 29	16 6	10 41			n.a.
S 5	23 48	9 9	2 20	19 50	2 48	24 48	0 58	23 3	0 48	17 50	1 23	21 41	1 53	18 54	0 1	20 43	0 50	8 4	6 14	16 29	16 7	10 43			n.a.
S 6	23 51	5 4	3 15	19 37	2 59	24 52	1 0	23 9	0 48	17 47	1 22	21 42	1 53	18 54	0 1	20 43	0 50	8 5	6 14	16 29	16 8	10 45			n.a.
M 7	23 52	0 52	4 1	19 24	3 10	24 56	1 2	23 16	0 49	17 43	1 22	21 43	1 53	18 54	0 1	20 44	0 50	8 5	6 14	16 29	16 9	10 47			n.a.
T 8	23 54	3n18	4 35	19 13	3 21	24 58	1 3	23 22	0 49	17 40	1 22	21 44	1 54	18 53	0 1	20 44	0 50	8 5	6 14	16 29	16 10	10 49			n.a.
W 9	23 55	7 20	4 58	19 3	3 32	25 0	1 5	23 28	0 50	17 36	1 22	21 45	1 54	18 53	0 1	20 45	0 50	8 6	6 14	16 31	16 11	10 51			n.a.
T 10	23 55	11 4	5 7	18 54	3 41	25 2	1 6	23 33	0 50	17 33	1 22	21 46	1 54	18 52	0 1	20 45	0 50	8 6	6 14	16 33	16 12	10 53			n.a.
F 11	23 56	14 23	5 4	18 47	3 50	25 2	1 8	23 39	0 51	17 30	1 22	21 47	1 54	18 52	0 1	20 45	0 50	8 6	6 14	16 35	16 13	10 55			n.a.
S 12	23 55	17 8	4 47	18 41	3 59	25 2	1 9	23 44	0 51	17 26	1 22	21 48	1 54	18 51	0 1	20 46	0 50	8 6	6 14	16 38	16 14	10 57			n.a.
S 13	23 54	19 10	4 17	18 37	4 6	25 1	1 11	23 49	0 51	17 22	1 21	21 49	1 55	18 51	0 1	20 46	0 50	8 7	6 14	16 40	16 15	10 59			n.a.
M14	23 53	20 21	3 35	18 35	4 12	24 59	1 12	23 54	0 52	17 19	1 21	21 50	1 55	18 50	0 1	20 46	0 50	8 7	6 14	16 42	16 16	11 1			n.a.
T 15	23 52	20 33	2 41	18 35	4 17	24 56	1 13	23 59	0 52	17 15	1 21	21 51	1 55	18 50	0 1	20 47	0 50	8 7	6 14	16 44	16 17	11 3			n.a.
W16	23 50	19 44	1 40	18 37	4 20	24 53	1 14	24 4	0 53	17 12	1 21	21 52	1 55	18 50	0 1	20 47	0 50	8 7	6 15	16 45	16 18	11 5			n.a.
T 17	23 47	17 54	0 32	18 41	4 21	24 49	1 15	24 8	0 53	17 8	1 21	21 53	1 55	18 49	0 1	20 47	0 50	8 7	6 15	16 45	16 19	11 7			n.a.
F 18	23 44	15 6	0n39	18 47	4 21	24 44	1 16	24 12	0 54	17 4	1 21	21 54	1 56	18 49	0 1	20 48	0 50	8 8	6 15	16 45	16 20	11 9			n.a.
S 19	23 41	11 30	1 49	18 54	4 19	24 38	1 17	24 16	0 54	17 1	1 21	21 55	1 56	18 48	0 1	20 48	0 50	8 8	6 15	16 45	16 21	11 11			n.a.
S 20	23 37	7 15	2 54	19 4	4 15	24 32	1 18	24 20	0 55	16 57	1 21	21 56	1 56	18 48	0 1	20 49	0 50	8 8	6 15	16 44	16 22	11 13			n.a.
M21	23 33	2 33	3 51	19 15	4 9	24 25	1 19	24 24	0 55	16 53	1 20	21 58	1 56	18 48	0 1	20 49	0 50	8 8	6 15	16 44	16 23	11 15			n.a.
T 22	23 28	2s21	4 35	19 28	4 1	24 17	1 20	24 27	0 56	16 49	1 20	21 59	1 56	18 47	0 1	20 49	0 50	8 8	6 15	16 44	16 24	11 17			n.a.
W23	23 23	7 12	5 3	19 42	3 51	24 8	1 21	24 31	0 56	16 46	1 20	22 0	1 56	18 47	0 1	20 50	0 50	8 9	6 15	16 44	16 24	11 19			n.a.
T 24	23 18	11 43	5 12	19 58	3 40	23 59	1 22	24 34	0 57	16 42	1 20	22 1	1 56	18 47	0 1	20 50	0 50	8 9	6 15	16 45	16 25	11 21			n.a.
F 25	23 12	15 35	5 2	20 15	3 26	23 49	1 22	24 37	0 57	16 38	1 20	22 2	1 57	18 46	0 1	20 50	0 50	8 9	6 15	16 46	16 26	11 23			n.a.
S 26	23 5	18 30	4 31	20 32	3 12	23 38	1 23	24 40	0 57	16 34	1 20	22 3	1 57	18 46	0 1	20 51	0 50	8 9	6 15	16 48	16 27	11 25			n.a.
S 27	22 59	20 12	3 44	20 50	2 55	23 26	1 23	24 42	0 58	16 30	1 20	22 4	1 57	18 46	0 1	20 51	0 50	8 9	6 15	16 49	16 28	11 27			n.a.
M28	22 51	20 33	2 42	21 9	2 38	23 14	1 24	24 45	0 58	16 26	1 20	22 6	1 57	18 46	0 1	20 51	0 50	8 9	6 15	16 50	16 29	11 28			n.a.
T 29	22 44	19 35	1 31	21 28	2 21	23 1	1 24	24 47	0 59	16 22	1 20	22 7	1 57	18 45	0 1	20 51	0 50	8 9	6 16	16 51	16 30	11 30			n.a.
W30	22 36	17 28	0 17	21 47	2 2	22 47	1 25	24 49	0 59	16 18	1 19	22 8	1 57	18 45	0 1	20 52	0 50	8 9	6 16	16 51	16 31	11 32			n.a.
T 31	22n27	14s25	0s57	22n 5	1s44	22n33	1n25	24n51	1n 0	16n14	1n19	22s 9	1s57	18s45	0s 1	20n52	0s50	8n10	6s16	16n51	16n32	11n34			n.a.

Julian Day Number = 976129.5, Delta T = 13h19m25s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'11, Lahiri = -32°05'11 Julian Calendar 1 July 2041 BCE == Greg. Calendar 14 June 2041 BCE

The year -2040 astronomical counting style corresponds to year 2041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

AUGUST 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 30 35	20♋36'22	7♓48	5♋14	28♋22	26♊14	20♌36	1°R22	22°R21	5♊40	6♉50	14♌25	15♌23	14♉30	n.a.	F 1
S 2	19 34 31	21°35'02	20°30	5°25	29°37	26°52	20°48	1♒17	22♏20	5°42	6°51	14°26	15°19	14°37	n.a.	S 2
S 3	19 38 28	22°33'45	2♈53	5°45	0♌52	27°30	21° 0	1°12	22°19	5°44	6°51	14°28	15°16	14°44	n.a.	S 3
M 4	19 42 24	23°32'29	15° 1	6°14	2° 6	28° 8	21°13	1° 8	22°18	5°45	6°51	14°29	15°13	14°51	n.a.	M 4
T 5	19 46 21	24°31'17	27° 0	6°53	3°21	28°46	21°25	1° 3	22°18	5°47	6°52	14°R29	15°10	14°57	n.a.	T 5
W 6	19 50 17	25°30'06	8♉53	7°39	4°36	29°23	21°38	0°58	22°17	5°48	6°52	14°28	15° 7	15° 4	n.a.	W 6
T 7	19 54 14	26°28'58	20°46	8°34	5°51	0♋ 1	21°50	0°54	22°16	5°50	6°53	14°27	15° 3	15°11	n.a.	T 7
F 8	19 58 10	27°27'53	2♊43	9°37	7° 6	0°39	22° 3	0°49	22°16	5°52	6°53	14°25	15° 0	15°17	n.a.	F 8
S 9	20 2 7	28°26'50	14°47	10°46	8°21	1°17	22°15	0°44	22°15	5°53	6°54	14°22	14°57	15°24	n.a.	S 9
S 10	20 6 3	29°25'49	27° 2	12° 2	9°36	1°55	22°28	0°39	22°15	5°55	6°54	14°20	14°54	15°31	n.a.	S 10
M11	20 10 0	0♌24'51	9♋30	13°23	10°51	2°33	22°40	0°35	22°14	5°56	6°54	14°18	14°51	15°38	n.a.	M11
T 12	20 13 57	1°23'55	22°12	14°49	12° 6	3°10	22°53	0°30	22°14	5°57	6°55	14°17	14°48	15°44	n.a.	T 12
W13	20 17 53	2°23'02	5♌10	16°19	13°20	3°48	23° 6	0°25	22°14	5°59	6°55	14°16	14°44	15°51	n.a.	W13
T 14	20 21 50	3°22'10	18°22	17°53	14°35	4°26	23°18	0°20	22°13	6° 0	6°55	14°D16	14°41	15°58	n.a.	T 14
F 15	20 25 46	4°21'21	1♍47	19°30	15°50	5° 4	23°31	0°16	22°13	6° 2	6°55	14°16	14°38	16° 5	n.a.	F 15
S 16	20 29 43	5°20'34	15°26	21° 9	17° 5	5°42	23°44	0°11	22°13	6° 3	6°55	14°17	14°35	16°11	n.a.	S 16
S 17	20 33 39	6°19'48	29°15	22°51	18°20	6°19	23°57	0° 6	22°13	6° 4	6°56	14°18	14°32	16°18	n.a.	S 17
M18	20 37 36	7°19'05	13♎13	24°34	19°35	6°57	24°10	0° 1	22°13	6° 6	6°56	14°18	14°29	16°25	n.a.	M18
T 19	20 41 32	8°18'24	27°19	26°19	20°50	7°35	24°23	29♑57	22°D13	6° 7	6°56	14°19	14°25	16°31	n.a.	T 19
W20	20 45 29	9°17'44	11♏30	28° 4	22° 5	8°13	24°36	29°52	22°13	6° 8	6°56	14°R19	14°22	16°38	n.a.	W20
T 21	20 49 25	10°17'07	25°45	29°51	23°20	8°50	24°49	29°47	22°13	6° 9	6°56	14°19	14°19	16°45	n.a.	T 21
F 22	20 53 22	11°16'31	10♐ 0	1♌37	24°35	9°28	25° 2	29°43	22°13	6°10	6°56	14°18	14°16	16°52	n.a.	F 22
S 23	20 57 19	12°15'58	24°12	3°24	25°50	10° 6	25°15	29°38	22°13	6°12	6°56	14°18	14°13	16°58	n.a.	S 23
S 24	21 1 15	13°15'26	8♑19	5°11	27° 5	10°43	25°28	29°34	22°13	6°13	6°56	14°18	14° 9	17° 5	n.a.	S 24
M25	21 5 12	14°14'57	22°17	6°57	28°20	11°21	25°41	29°29	22°14	6°14	6°R56	14°D18	14° 6	17°12	n.a.	M25
T 26	21 9 8	15°14'29	6♒ 2	8°44	29°35	11°59	25°54	29°25	22°14	6°15	6°56	14°18	14° 3	17°19	n.a.	T 26
W27	21 13 5	16°14'04	19°32	10°30	0♍50	12°37	26° 7	29°20	22°14	6°16	6°56	14°R18	14° 0	17°25	n.a.	W27
T 28	21 17 1	17°13'41	2♓46	12°15	2° 5	13°14	26°20	29°16	22°15	6°17	6°56	14°18	13°57	17°32	n.a.	T 28
F 29	21 20 58	18°13'20	15°41	14° 1	3°19	13°52	26°33	29°11	22°15	6°18	6°56	14°17	13°54	17°39	n.a.	F 29
S 30	21 24 54	19°13'01	28°20	15°45	4°34	14°29	26°46	29° 7	22°16	6°19	6°56	14°17	13°50	17°45	n.a.	S 30
S 31	21 28 51	20♌12'45	10♈42	17♌29	5♍49	15♋ 7	26♌59	29♑ 3	22♏16	6♊20	6♉56	14♌16	13♌47	17♉52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n19	10s45	2s 5	22n24	1s25	22n18	1n25	24n52	1n 0	16n10	1n19	22s10	1s58	18s45	0s 1	20n52	0s50	8n10	6s16	16n50	16n33	11n36		n.a.
S 2	22 9	6 41	3 6	22 42	1 7	22 2	1 25	24 54	1 1	16 6	1 19	22 11	1 58	18 44	0 1	20 53	0 50	8 10	6 16	16 50	16 34	11 38		n.a.
S 3	22 0	2 26	3 56	22 59	0 49	21 46	1 25	24 55	1 1	16 2	1 19	22 13	1 58	18 44	0 1	20 53	0 50	8 10	6 16	16 49	16 35	11 40		n.a.
M 4	21 50	1n49	4 35	23 14	0 32	21 28	1 25	24 56	1 1	15 58	1 19	22 14	1 58	18 44	0 1	20 53	0 50	8 10	6 16	16 49	16 36	11 42		n.a.
T 5	21 39	5 56	5 1	23 29	0 16	21 11	1 25	24 57	1 2	15 54	1 19	22 15	1 58	18 44	0 1	20 54	0 50	8 10	6 16	16 49	16 37	11 44		n.a.
W 6	21 28	9 48	5 14	23 42	0n 0	20 53	1 25	24 58	1 2	15 49	1 19	22 16	1 58	18 44	0 1	20 54	0 50	8 10	6 16	16 49	16 38	11 46		n.a.
T 7	21 17	13 17	5 13	23 53	0 15	20 34	1 25	24 58	1 3	15 45	1 19	22 17	1 58	18 43	0 1	20 54	0 50	8 10	6 16	16 50	16 39	11 48		n.a.
F 8	21 5	16 14	4 59	24 3	0 29	20 14	1 25	24 59	1 3	15 41	1 19	22 18	1 58	18 43	0 1	20 54	0 50	8 10	6 16	16 50	16 40	11 50		n.a.
S 9	20 53	18 32	4 32	24 10	0 41	19 54	1 24	24 59	1 4	15 37	1 19	22 20	1 58	18 43	0 1	20 55	0 50	8 10	6 17	16 51	16 41	11 52		n.a.
S 10	20 41	20 1	3 52	24 15	0 53	19 33	1 24	24 59	1 4	15 32	1 19	22 21	1 58	18 43	0 1	20 55	0 50	8 10	6 17	16 52	16 42	11 54		n.a.
M11	20 28	20 35	3 1	24 17	1 3	19 12	1 23	24 59	1 4	15 28	1 18	22 22	1 59	18 43	0 1	20 55	0 50	8 10	6 17	16 52	16 43	11 56		n.a.
T 12	20 15	20 6	1 59	24 17	1 13	18 50	1 23	24 58	1 5	15 24	1 18	22 23	1 59	18 43	0 1	20 55	0 50	8 10	6 17	16 53	16 44	11 58		n.a.
W13	20 2	18 33	0 50	24 15	1 21	18 28	1 22	24 58	1 5	15 20	1 18	22 24	1 59	18 43	0 1	20 56	0 50	8 10	6 17	16 53	16 45	12 0		n.a.
T 14	19 48	16 0	0n23	24 10	1 28	18 5	1 22	24 57	1 6	15 15	1 18	22 25	1 59	18 43	0 1	20 56	0 50	8 10	6 17	16 53	16 46	12 2		n.a.
F 15	19 34	12 32	1 36	24 2	1 35	17 42	1 21	24 56	1 6	15 11	1 18	22 26	1 59	18 43	0 1	20 56	0 50	8 10	6 17	16 53	16 46	12 4		n.a.
S 16	19 19	8 22	2 44	23 52	1 40	17 18	1 20	24 55	1 7	15 6	1 18	22 27	1 59	18 43	0 1	20 56	0 50	8 10	6 17	16 53	16 47	12 6		n.a.
S 17	19 4	3 43	3 44	23 40	1 44	16 54	1 19	24 53	1 7	15 2	1 18	22 28	1 59	18 43	0 1	20 56	0 50	8 10	6 17	16 53	16 48	12 8		n.a.
M18	18 49	1s10	4 32	23 25	1 48	16 29	1 19	24 52	1 8	14 58	1 18	22 30	1 59	18 43	0 1	20 57	0 50	8 10	6 17	16 52	16 49	12 10		n.a.
T 19	18 33	6 1	5 3	23 7	1 50	16 4	1 18	24 50	1 8	14 53	1 18	22 31	1 59	18 43	0 1	20 57	0 50	8 10	6 18	16 52	16 50	12 12		n.a.
W20	18 18	10 35	5 17	22 48	1 52	15 38	1 17	24 48	1 8	14 49	1 18	22 32	1 59	18 43	0 1	20 57	0 50	8 10	6 18	16 52	16 51	12 13		n.a.
T 21	18 1	14 33	5 11	22 26	1 53	15 12	1 15	24 46	1 9	14 44	1 18	22 33	1 59	18 43	0 1	20 57	0 50	8 10	6 18	16 52	16 52	12 15		n.a.
F 22	17 45	17 41	4 46	22 3	1 53	14 46	1 14	24 44	1 9	14 40	1 18	22 34	1 59	18 43	0 1	20 58	0 50	8 10	6 18	16 52	16 53	12 17		n.a.
S 23	17 28	19 45	4 4	21 37	1 53	14 19	1 13	24 41	1 10	14 35	1 18	22 35	1 59	18 43	0 1	20 58	0 50	8 10	6 18	16 52	16 54	12 19		n.a.
S 24	17 11	20 33	3 7	21 10	1 52	13 51	1 12	24 39	1 10	14 31	1 18	22 36	1 59	18 43	0 1	20 58	0 50	8 10	6 18	16 52	16 55	12 21		n.a.
M25	16 53	20 5	1 59	20 41	1 51	13 24	1 11	24 36	1 10	14 26	1 18	22 37	1 59	18 43	0 1	20 58	0 50	8 10	6 18	16 52	16 56	12 23		n.a.
T 26	16 36	18 24	0 46	20 11	1 49	12 56	1 9	24 33	1 11	14 22	1 18	22 38	1 59	18 43	0 1	20 58	0 50	8 9	6 18	16 52	16 57	12 25		n.a.
W27	16 17	15 43	0s29	19 40	1 46	12 27	1 8	24 30	1 11	14 17	1 18	22 39	1 59	18 43	0 1	20 58	0 50	8 9	6 18	16 52	16 58	12 27		n.a.
T 28	15 59	12 15	1 41	19 7	1 43	11 59	1 6	24 27	1 12	14 12	1 18	22 40	1 59	18 43	0 1	20 59	0 50	8 9	6 18	16 52	16 59	12 29		n.a.
F 29	15 41	8 17	2 45	18 33	1 40	11 30	1 5	24 23	1 12	14 8	1 18	22 41	1 59	18 43	0 1	20 59	0 50	8 9	6 18	16 53	17 0	12 31		n.a.
S 30	15 22	4 2	3 41	17 58	1 36	11 0	1 3	24 19	1 13	14 3	1 18	22 42	1 59	18 44	0 1	20 59	0 50	8 9	6 19	16 53	17 1	12 33		n.a.
S 31	15n 3	0n17	4s24	17n22	1n32	10n31	1n 1	24n16	1n13	13n59	1n18	22s42	1s59	18s44	0s 1	20n59	0s50	8n 9	6s19	16n53	17n 1	12n35		n.a.

Julian Day Number = 976160.5, Delta T = 13h19m23s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'07, Lahiri = -32°05'07 Julian Calendar 1 Aug. 2041 BCE == Greg. Calendar 15 July 2041 BCE

The year -2040 astronomical counting style corresponds to year 2041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

SEPTEMBER 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 32 47	21♌12'31	22♈51	19♌13	7♍ 4	15♋45	27♌12	28°R59	22♏17	6♊20	6°R56	14°R15	13♌44	17♉59	n.a.	M 1
T 2	21 36 44	22°12'20	4♉51	20°55	8°19	16°22	27°26	28♑55	22°18	6°21	6♉55	14♌15	13°41	18° 6	n.a.	T 2
W 3	21 40 41	23°12'11	16°45	22°38	9°34	17° 0	27°39	28°50	22°18	6°22	6°55	14°14	13°38	18°12	n.a.	W 3
T 4	21 44 37	24°12'04	28°38	24°19	10°49	17°38	27°52	28°46	22°19	6°23	6°55	14°D14	13°35	18°19	n.a.	T 4
F 5	21 48 34	25°12'00	10♊34	26° 0	12° 4	18°15	28° 5	28°42	22°20	6°23	6°55	14°15	13°31	18°26	n.a.	F 5
S 6	21 52 30	26°11'58	22°39	27°41	13°19	18°53	28°18	28°38	22°21	6°24	6°55	14°15	13°28	18°32	n.a.	S 6
S 7	21 56 27	27°11'59	4♋56	29°20	14°34	19°30	28°32	28°35	22°22	6°25	6°54	14°17	13°25	18°39	n.a.	S 7
M 8	22 0 23	28°12'02	17°29	1♍ 0	15°49	20° 8	28°45	28°31	22°23	6°25	6°54	14°18	13°22	18°46	n.a.	M 8
T 9	22 4 20	29°12'07	0♌22	2°38	17° 4	20°45	28°58	28°27	22°24	6°26	6°54	14°19	13°19	18°53	n.a.	T 9
W10	22 8 16	0♍12'14	13°35	4°16	18°18	21°23	29°11	28°23	22°25	6°27	6°53	14°R19	13°15	18°59	n.a.	W10
T 11	22 12 13	1°12'24	27° 8	5°54	19°33	22° 1	29°25	28°20	22°26	6°27	6°53	14°19	13°12	19° 6	n.a.	T 11
F 12	22 16 9	2°12'35	11♍ 0	7°30	20°48	22°38	29°38	28°16	22°27	6°28	6°52	14°18	13° 9	19°13	n.a.	F 12
S 13	22 20 6	3°12'49	25° 7	9° 7	22° 3	23°16	29°51	28°13	22°29	6°28	6°52	14°15	13° 6	19°20	n.a.	S 13
S 14	22 24 3	4°13'04	9♎25	10°43	23°18	23°53	0♍ 4	28° 9	22°30	6°29	6°52	14°13	13° 3	19°26	n.a.	S 14
M15	22 27 59	5°13'21	23°49	12°18	24°33	24°31	0°17	28° 6	22°31	6°29	6°51	14°10	13° 0	19°33	n.a.	M15
T 16	22 31 56	6°13'40	8♏13	13°53	25°48	25° 8	0°31	28° 3	22°33	6°29	6°51	14° 7	12°56	19°40	n.a.	T 16
W17	22 35 52	7°14'00	22°33	15°27	27° 3	25°45	0°44	28° 0	22°34	6°30	6°50	14° 6	12°53	19°46	n.a.	W17
T 18	22 39 49	8°14'23	6♐47	17° 1	28°17	26°23	0°57	27°57	22°36	6°30	6°50	14°D 5	12°50	19°53	n.a.	T 18
F 19	22 43 45	9°14'46	20°50	18°35	29°32	27° 0	1°10	27°54	22°37	6°30	6°49	14° 5	12°47	20° 0	n.a.	F 19
S 20	22 47 42	10°15'12	4♑43	20° 8	0♎47	27°38	1°23	27°51	22°39	6°30	6°48	14° 7	12°44	20° 7	n.a.	S 20
S 21	22 51 38	11°15'39	18°25	21°41	2° 2	28°15	1°37	27°48	22°40	6°31	6°48	14° 8	12°41	20°13	n.a.	S 21
M22	22 55 35	12°16'07	1♒55	23°13	3°17	28°53	1°50	27°45	22°42	6°31	6°47	14°10	12°37	20°20	n.a.	M22
T 23	22 59 31	13°16'37	15°14	24°45	4°32	29°30	2° 3	27°43	22°44	6°31	6°47	14°R10	12°34	20°27	n.a.	T 23
W24	23 3 28	14°17'09	28°20	26°16	5°46	0♌ 7	2°16	27°40	22°46	6°31	6°46	14° 9	12°31	20°34	n.a.	W24
T 25	23 7 25	15°17'43	11♓14	27°48	7° 1	0°45	2°29	27°38	22°47	6°31	6°45	14° 7	12°28	20°40	n.a.	T 25
F 26	23 11 21	16°18'18	23°55	29°18	8°16	1°22	2°42	27°36	22°49	6°R31	6°45	14° 3	12°25	20°47	n.a.	F 26
S 27	23 15 18	17°18'54	6♈24	0♎49	9°31	1°59	2°55	27°33	22°51	6°31	6°44	13°57	12°21	20°54	n.a.	S 27
S 28	23 19 14	18°19'33	18°42	2°19	10°45	2°37	3° 8	27°31	22°53	6°31	6°43	13°51	12°18	21° 0	n.a.	S 28
M29	23 23 11	19°20'13	0♉48	3°48	12° 0	3°14	3°21	27°29	22°55	6°31	6°42	13°44	12°15	21° 7	n.a.	M29
T 30	23 27 7	20♍20'56	12♉47	5♎18	13♎15	3♌51	3♍34	27♑27	22♏57	6♊31	6♉42	13♌38	12♌12	21♉14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n43	4n30	4s55	16n45	1n28	10n 1	1n 0	24n11	1n13	13n54	1n18	22s43	1s59	18s44	0s 1	20n59	0s50	8n 9	6s19	16n53	17n 2	12n37		n.a.
T 2	14 23	8 30	5 13	16 7	1 23	9 31	0 58	24 7	1 14	13 49	1 18	22 44	1 59	18 44	0 1	20 59	0 50	8 9	6 19	16 53	17 3	12 39		n.a.
W 3	14 4	12 8	5 16	15 29	1 18	9 0	0 56	24 3	1 14	13 45	1 18	22 45	1 59	18 44	0 1	20 59	0 50	8 8	6 19	16 54	17 4	12 41		n.a.
T 4	13 43	15 16	5 7	14 50	1 13	8 30	0 54	23 58	1 15	13 40	1 18	22 46	1 59	18 44	0 1	20 59	0 50	8 8	6 19	16 54	17 5	12 42		n.a.
F 5	13 23	17 48	4 44	14 10	1 8	7 59	0 52	23 54	1 15	13 35	1 18	22 47	1 59	18 45	0 1	21 0	0 50	8 8	6 19	16 53	17 6	12 44		n.a.
S 6	13 2	19 35	4 8	13 30	1 3	7 28	0 50	23 49	1 16	13 31	1 18	22 47	1 59	18 45	0 1	21 0	0 50	8 8	6 19	16 53	17 7	12 46		n.a.
S 7	12 41	20 29	3 21	12 49	0 57	6 56	0 48	23 44	1 16	13 26	1 18	22 48	1 59	18 45	0 1	21 0	0 50	8 8	6 19	16 53	17 8	12 48		n.a.
M 8	12 20	20 24	2 23	12 8	0 51	6 25	0 46	23 38	1 16	13 21	1 18	22 49	1 59	18 45	0 1	21 0	0 50	8 8	6 19	16 52	17 9	12 50		n.a.
T 9	11 59	19 14	1 16	11 26	0 45	5 53	0 44	23 33	1 17	13 17	1 18	22 50	1 59	18 46	0 1	21 0	0 50	8 7	6 19	16 52	17 10	12 52		n.a.
W10	11 38	17 1	0 4	10 45	0 39	5 22	0 42	23 27	1 17	13 12	1 18	22 50	1 59	18 46	0 1	21 0	0 50	8 7	6 20	16 52	17 11	12 54		n.a.
T 11	11 16	13 49	1n10	10 2	0 33	4 50	0 40	23 22	1 18	13 7	1 18	22 51	1 59	18 46	0 1	21 0	0 50	8 7	6 20	16 52	17 12	12 56		n.a.
F 12	10 54	9 46	2 22	9 20	0 26	4 18	0 38	23 16	1 18	13 2	1 18	22 52	1 59	18 47	0 1	21 0	0 50	8 7	6 20	16 53	17 13	12 58		n.a.
S 13	10 32	5 7	3 26	8 37	0 20	3 45	0 36	23 10	1 18	12 58	1 18	22 53	1 59	18 47	0 1	21 0	0 50	8 7	6 20	16 53	17 14	13 0		n.a.
S 14	10 10	0 9	4 19	7 54	0 14	3 13	0 33	23 4	1 19	12 53	1 18	22 53	1 59	18 47	0 1	21 0	0 50	8 6	6 20	16 54	17 14	13 2		n.a.
M15	9 47	4s52	4 55	7 11	0 7	2 41	0 31	22 57	1 19	12 48	1 18	22 54	1 59	18 48	0 1	21 0	0 50	8 6	6 20	16 55	17 15	13 4		n.a.
T 16	9 25	9 36	5 13	6 28	0 1	2 8	0 29	22 51	1 20	12 43	1 18	22 54	1 58	18 48	0 1	21 0	0 50	8 6	6 20	16 56	17 16	13 5		n.a.
W17	9 2	13 46	5 11	5 45	0s 6	1 36	0 26	22 44	1 20	12 39	1 18	22 55	1 58	18 48	0 1	21 0	0 50	8 6	6 20	16 56	17 17	13 7		n.a.
T 18	8 39	17 7	4 50	5 2	0 13	1 3	0 24	22 37	1 20	12 34	1 18	22 56	1 58	18 49	0 1	21 1	0 50	8 5	6 20	16 56	17 18	13 9		n.a.
F 19	8 16	19 25	4 12	4 19	0 19	0 31	0 21	22 30	1 21	12 29	1 18	22 56	1 58	18 49	0 1	21 1	0 50	8 5	6 20	16 56	17 19	13 11		n.a.
S 20	7 53	20 31	3 20	3 35	0 26	0s 2	0 19	22 23	1 21	12 24	1 18	22 57	1 58	18 50	0 1	21 1	0 50	8 5	6 20	16 56	17 20	13 13		n.a.
S 21	7 29	20 23	2 17	2 52	0 32	0 34	0 16	22 16	1 22	12 20	1 18	22 57	1 58	18 50	0 1	21 1	0 50	8 5	6 20	16 55	17 21	13 15		n.a.
M22	7 6	19 3	1 7	2 9	0 39	1 7	0 14	22 8	1 22	12 15	1 18	22 58	1 58	18 51	0 1	21 1	0 50	8 4	6 20	16 55	17 22	13 17		n.a.
T 23	6 42	16 41	0s 6	1 26	0 45	1 40	0 11	22 1	1 22	12 10	1 18	22 58	1 58	18 51	0 1	21 1	0 50	8 4	6 21	16 55	17 23	13 19		n.a.
W24	6 18	13 29	1 17	0 43	0 52	2 12	0 9	21 53	1 23	12 5	1 18	22 58	1 58	18 51	0 1	21 1	0 50	8 4	6 21	16 55	17 24	13 21		n.a.
T 25	5 55	9 41	2 23	0 0	0 58	2 45	0 6	21 45	1 23	12 1	1 18	22 59	1 58	18 52	0 1	21 1	0 50	8 4	6 21	16 56	17 25	13 23		n.a.
F 26	5 31	5 31	3 20	0s42	1 5	3 17	0 4	21 37	1 24	11 56	1 18	22 59	1 58	18 52	0 1	21 1	0 50	8 3	6 21	16 57	17 25	13 24		n.a.
S 27	5 7	1 10	4 7	1 25	1 11	3 50	0 1	21 29	1 24	11 51	1 18	23 0	1 58	18 53	0 1	21 1	0 50	8 3	6 21	16 59	17 26	13 26		n.a.
S 28	4 42	3n 9	4 41	2 7	1 17	4 22	0s 2	21 21	1 24	11 46	1 18	23 0	1 57	18 53	0 1	21 1	0 50	8 3	6 21	17 0	17 27	13 28		n.a.
M29	4 18	7 16	5 3	2 48	1 23	4 54	0 4	21 12	1 25	11 42	1 18	23 0	1 57	18 54	0 1	21 1	0 51	8 2	6 21	17 2	17 28	13 30		n.a.
T 30	3n54	11n 4	5s10	3s30	1s29	5s26	0s 7	21n 4	1n25	11n37	1n18	23s 0	1s57	18s54	0s 1	21n 0	0s51	8n 2	6s21	17n 4	17n29	13n32		n.a.

Julian Day Number = 976191.5, Delta T = 13h19m21s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°12'03, Lahiri = -32°05'02 Julian Calendar 1 Sept. 2041 BCE == Greg. Calendar 15 Aug. 2041 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

OCTOBER 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 31 4	21♍21'39	24♉39	6♎46	14♎29	4♌29	3♍47	27°R25	22♏59	6°R31	6°R41	13°R33	12♌ 9	21♉21	n.a.	W 1
T 2	23 35 0	22°22'25	6♊31	8°15	15°44	5° 6	4° 0	27♑24	23° 1	6♊30	6♉40	13♌30	12° 6	21°27	n.a.	T 2
F 3	23 38 57	23°23'13	18°25	9°42	16°59	5°43	4°13	27°22	23° 3	6°30	6°39	13°D28	12° 2	21°34	n.a.	F 3
S 4	23 42 54	24°24'03	0♋26	11°10	18°13	6°20	4°26	27°21	23° 6	6°30	6°38	13°28	11°59	21°41	n.a.	S 4
S 5	23 46 50	25°24'54	12°40	12°37	19°28	6°58	4°38	27°19	23° 8	6°30	6°37	13°30	11°56	21°47	n.a.	S 5
M 6	23 50 47	26°25'47	25°12	14° 3	20°43	7°35	4°51	27°18	23°10	6°29	6°37	13°31	11°53	21°54	n.a.	M 6
T 7	23 54 43	27°26'41	8♌ 6	15°28	21°57	8°12	5° 4	27°17	23°12	6°29	6°36	13°R32	11°50	22° 1	n.a.	T 7
W 8	23 58 40	28°27'38	21°24	16°53	23°12	8°49	5°17	27°16	23°15	6°29	6°35	13°32	11°46	22° 8	n.a.	W 8
T 9	0 2 36	29°28'35	5♍ 9	18°16	24°26	9°26	5°29	27°15	23°17	6°28	6°34	13°30	11°43	22°14	n.a.	T 9
F 10	0 6 33	0♎29'35	19°20	19°39	25°41	10° 3	5°42	27°14	23°20	6°28	6°33	13°26	11°40	22°21	n.a.	F 10
S 11	0 10 29	1°30'35	3♎51	21° 1	26°56	10°41	5°55	27°13	23°22	6°27	6°32	13°19	11°37	22°28	n.a.	S 11
S 12	0 14 26	2°31'37	18°38	22°21	28°10	11°18	6° 7	27°12	23°25	6°27	6°31	13°12	11°34	22°35	n.a.	S 12
M13	0 18 22	3°32'40	3♏31	23°40	29°25	11°55	6°20	27°12	23°27	6°26	6°30	13° 3	11°31	22°41	n.a.	M13
T 14	0 22 19	4°33'44	18°22	24°57	0♏39	12°32	6°32	27°11	23°30	6°26	6°29	12°56	11°27	22°48	n.a.	T 14
W15	0 26 16	5°34'49	3♐ 3	26°13	1°54	13° 9	6°45	27°11	23°32	6°25	6°28	12°50	11°24	22°55	n.a.	W15
T 16	0 30 12	6°35'54	17°28	27°26	3° 8	13°46	6°57	27°11	23°35	6°24	6°27	12°46	11°21	23° 1	n.a.	T 16
F 17	0 34 9	7°37'01	1♑35	28°36	4°23	14°23	7° 9	27°D11	23°38	6°24	6°26	12°D44	11°18	23° 8	n.a.	F 17
S 18	0 38 5	8°38'08	15°22	29°44	5°37	15° 0	7°22	27°11	23°41	6°23	6°25	12°44	11°15	23°15	n.a.	S 18
S 19	0 42 2	9°39'16	28°50	0♏48	6°52	15°37	7°34	27°11	23°43	6°22	6°24	12°45	11°12	23°22	n.a.	S 19
M20	0 45 58	10°40'25	12♒ 2	1°49	8° 6	16°14	7°46	27°11	23°46	6°21	6°23	12°R45	11° 8	23°28	n.a.	M20
T 21	0 49 55	11°41'34	24°59	2°45	9°20	16°51	7°58	27°12	23°49	6°21	6°22	12°45	11° 5	23°35	n.a.	T 21
W22	0 53 52	12°42'44	7♓43	3°36	10°35	17°27	8°10	27°12	23°52	6°20	6°21	12°42	11° 2	23°42	n.a.	W22
T 23	0 57 48	13°43'55	20°18	4°21	11°49	18° 4	8°22	27°13	23°55	6°19	6°20	12°36	10°59	23°48	n.a.	T 23
F 24	1 1 45	14°45'06	2♈42	4°59	13° 3	18°41	8°34	27°13	23°58	6°18	6°18	12°27	10°56	23°55	n.a.	F 24
S 25	1 5 41	15°46'18	14°59	5°31	14°18	19°18	8°46	27°14	24° 1	6°17	6°17	12°16	10°52	24° 2	n.a.	S 25
S 26	1 9 38	16°47'31	27° 7	5°54	15°32	19°55	8°58	27°15	24° 4	6°16	6°16	12° 4	10°49	24° 9	n.a.	S 26
M27	1 13 34	17°48'44	9♉ 8	6° 8	16°46	20°31	9° 9	27°16	24° 7	6°15	6°15	11°51	10°46	24°15	n.a.	M27
T 28	1 17 31	18°49'59	21° 4	6°R13	18° 0	21° 8	9°21	27°17	24°10	6°14	6°14	11°38	10°43	24°22	n.a.	T 28
W29	1 21 27	19°51'14	2♊55	6° 6	19°15	21°45	9°33	27°18	24°13	6°13	6°13	11°27	10°40	24°29	n.a.	W29
T 30	1 25 24	20°52'30	14°45	5°49	20°29	22°22	9°44	27°20	24°16	6°12	6°12	11°19	10°37	24°35	n.a.	T 30
F 31	1 29 21	21♎53'46	26♊38	5♏20	21♏43	22♌58	9♍55	27♑21	24♏19	6♊11	6♉10	11♌13	10♌33	24♉42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	3n30	14n24	5s 5	4s11	1s35	5s58	0s10	20n55	1n26	11n32	1n18	23s 1	1s57	18s55	0s 1	21n 0	0s51	8n 2	6s21	17n 6	17n30	13n34			n.a.
T 2	3 5	17 8	4 46	4 52	1 40	6 30	0 12	20 46	1 26	11 27	1 18	23 1	1 57	18 56	0 1	21 0	0 51	8 1	6 21	17 7	17 31	13 36			n.a.
F 3	2 41	19 11	4 15	5 32	1 45	7 2	0 15	20 37	1 26	11 23	1 18	23 1	1 57	18 56	0 1	21 0	0 51	8 1	6 21	17 7	17 32	13 38			n.a.
S 4	2 16	20 23	3 32	6 12	1 51	7 33	0 18	20 28	1 27	11 18	1 19	23 1	1 57	18 57	0 1	21 0	0 51	8 1	6 21	17 7	17 33	13 39			n.a.
S 5	1 51	20 40	2 39	6 51	1 56	8 5	0 20	20 19	1 27	11 13	1 19	23 1	1 57	18 57	0 1	21 0	0 51	8 0	6 21	17 7	17 34	13 41			n.a.
M 6	1 27	19 56	1 38	7 29	2 0	8 36	0 23	20 9	1 28	11 8	1 19	23 2	1 57	18 58	0 1	21 0	0 51	8 0	6 21	17 6	17 35	13 43			n.a.
T 7	1 2	18 8	0 29	8 7	2 5	9 7	0 26	20 0	1 28	11 4	1 19	23 2	1 56	18 59	0 1	21 0	0 51	8 0	6 21	17 6	17 35	13 45			n.a.
W 8	0 37	15 19	0n42	8 44	2 9	9 38	0 28	19 50	1 28	10 59	1 19	23 2	1 56	18 59	0 1	21 0	0 51	7 59	6 21	17 6	17 36	13 47			n.a.
T 9	0 13	11 34	1 54	9 21	2 13	10 8	0 31	19 41	1 29	10 54	1 19	23 2	1 56	19 0	0 1	21 0	0 51	7 59	6 21	17 7	17 37	13 49			n.a.
F 10	0s12	7 4	3 1	9 56	2 16	10 38	0 33	19 31	1 29	10 50	1 19	23 2	1 56	19 0	0 1	21 0	0 51	7 59	6 21	17 8	17 38	13 51			n.a.
S 11	0 37	2 3	3 57	10 31	2 19	11 9	0 36	19 21	1 30	10 45	1 19	23 2	1 56	19 1	0 1	21 0	0 51	7 58	6 21	17 10	17 39	13 53			n.a.
S 12	1 1	3s 9	4 39	11 4	2 22	11 38	0 39	19 11	1 30	10 40	1 19	23 2	1 56	19 2	0 1	21 0	0 51	7 58	6 22	17 12	17 40	13 54			n.a.
M13	1 26	8 13	5 2	11 36	2 24	12 8	0 41	19 1	1 30	10 36	1 19	23 2	1 56	19 2	0 1	20 59	0 51	7 58	6 22	17 14	17 41	13 56			n.a.
T 14	1 51	12 46	5 5	12 7	2 26	12 37	0 44	18 50	1 31	10 31	1 19	23 2	1 56	19 3	0 1	20 59	0 51	7 57	6 22	17 17	17 42	13 58			n.a.
W15	2 16	16 29	4 48	12 36	2 27	13 6	0 47	18 40	1 31	10 26	1 19	23 2	1 55	19 4	0 1	20 59	0 51	7 57	6 22	17 18	17 43	14 0			n.a.
T 16	2 40	19 8	4 12	13 4	2 28	13 35	0 49	18 29	1 31	10 22	1 20	23 2	1 55	19 4	0 1	20 59	0 51	7 57	6 22	17 19	17 44	14 2			n.a.
F 17	3 5	20 33	3 22	13 30	2 28	14 3	0 52	18 19	1 32	10 17	1 20	23 2	1 55	19 5	0 1	20 59	0 51	7 56	6 22	17 20	17 44	14 4			n.a.
S 18	3 29	20 41	2 21	13 54	2 27	14 31	0 54	18 8	1 32	10 13	1 20	23 2	1 55	19 6	0 1	20 59	0 51	7 56	6 22	17 20	17 45	14 6			n.a.
S 19	3 54	19 36	1 14	14 15	2 26	14 58	0 57	17 57	1 33	10 8	1 20	23 1	1 55	19 6	0 2	20 59	0 51	7 56	6 22	17 20	17 46	14 7			n.a.
M20	4 18	17 28	0 4	14 35	2 23	15 25	0 59	17 46	1 33	10 4	1 20	23 1	1 55	19 7	0 2	20 59	0 51	7 55	6 22	17 19	17 47	14 9			n.a.
T 21	4 43	14 29	1s 5	14 51	2 20	15 52	1 2	17 35	1 33	9 59	1 20	23 1	1 55	19 8	0 2	20 58	0 51	7 55	6 22	17 20	17 48	14 11			n.a.
W22	5 7	10 50	2 9	15 5	2 16	16 18	1 4	17 24	1 34	9 55	1 20	23 1	1 54	19 9	0 2	20 58	0 51	7 54	6 22	17 21	17 49	14 13			n.a.
T 23	5 31	6 46	3 6	15 16	2 10	16 44	1 6	17 13	1 34	9 50	1 20	23 1	1 54	19 9	0 2	20 58	0 51	7 54	6 22	17 22	17 50	14 15			n.a.
F 24	5 56	2 27	3 53	15 23	2 4	17 10	1 9	17 1	1 35	9 46	1 20	23 0	1 54	19 10	0 2	20 58	0 51	7 54	6 22	17 25	17 51	14 17			n.a.
S 25	6 20	1n54	4 29	15 26	1 56	17 35	1 11	16 50	1 35	9 41	1 21	23 0	1 54	19 11	0 2	20 58	0 51	7 53	6 22	17 28	17 52	14 19			n.a.
S 26	6 44	6 7	4 52	15 25	1 46	17 59	1 13	16 39	1 35	9 37	1 21	23 0	1 54	19 12	0 2	20 58	0 51	7 53	6 22	17 31	17 52	14 20			n.a.
M27	7 8	10 4	5 2	15 20	1 35	18 23	1 15	16 27	1 36	9 33	1 21	22 59	1 54	19 12	0 2	20 57	0 51	7 53	6 22	17 35	17 53	14 22			n.a.
T 28	7 31	13 36	4 58	15 10	1 23	18 47	1 18	16 15	1 36	9 28	1 21	22 59	1 54	19 13	0 2	20 57	0 51	7 52	6 22	17 39	17 54	14 24			n.a.
W29	7 55	16 34	4 41	14 55	1 9	19 10	1 20	16 3	1 36	9 24	1 21	22 59	1 53	19 14	0 2	20 57	0 51	7 52	6 22	17 42	17 55	14 26			n.a.
T 30	8 19	18 51	4 13	14 34	0 54	19 33	1 22	15 52	1 37	9 19	1 21	22 58	1 53	19 15	0 2	20 57	0 51	7 52	6 22	17 44	17 56	14 28			n.a.
F 31	8s42	20n20	3s33	14s 8	0s37	19s55	1s24	15n40	1n37	9n15	1n21	22s58	1s53	19s16	0s 2	20n57	0s51	7n51	6s22	17n46	17n57	14n30			n.a.

Julian Day Number = 976221.5, Delta T = 13h19m19s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'59, Lahiri = -32°04'58 Julian Calendar 1 Oct. 2041 BCE == Greg. Calendar 14 Sept. 2041 BCE

The year -2040 astronomical counting style corresponds to year 2041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

NOVEMBER 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 33 17	22♎55'04	8♋36	4°R39	22♏57	23♌35	10♍ 7	27♑23	24♏22	6°R10	6°R 9	11°R10	10♌30	24♉49	n.a.	S 1
S 2	1 37 14	23°56'22	20°46	3♏47	24°11	24°12	10°18	27°24	24°25	6♊ 9	6♉ 8	11°D 9	10°27	24°56	n.a.	S 2
M 3	1 41 10	24°57'41	3♌12	2°45	25°25	24°48	10°29	27°26	24°28	6° 8	6° 7	11♌ 9	10°24	25° 2	n.a.	M 3
T 4	1 45 7	25°59'00	15°59	1°35	26°39	25°25	10°41	27°28	24°31	6° 6	6° 6	11°R 9	10°21	25° 9	n.a.	T 4
W 5	1 49 3	27° 0'20	29°13	0°18	27°53	26° 1	10°52	27°30	24°35	6° 5	6° 5	11° 8	10°17	25°16	n.a.	W 5
T 6	1 53 0	28° 1'41	12♍56	28♎57	29° 7	26°38	11° 3	27°32	24°38	6° 4	6° 3	11° 4	10°14	25°23	n.a.	T 6
F 7	1 56 57	29° 3'02	27° 9	27°35	0♐21	27°14	11°14	27°34	24°41	6° 3	6° 2	10°58	10°11	25°29	n.a.	F 7
S 8	2 0 53	0♏ 4'23	11♎50	26°14	1°35	27°51	11°24	27°37	24°45	6° 1	6° 1	10°49	10° 8	25°36	n.a.	S 8
S 9	2 4 50	1° 5'45	26°52	24°57	2°49	28°27	11°35	27°39	24°48	6° 0	6° 0	10°38	10° 5	25°43	n.a.	S 9
M10	2 8 46	2° 7'07	12♏ 6	23°46	4° 3	29° 3	11°46	27°42	24°51	5°59	5°59	10°26	10° 2	25°49	n.a.	M10
T 11	2 12 43	3° 8'29	27°21	22°43	5°17	29°40	11°56	27°44	24°55	5°57	5°57	10°15	9°58	25°56	n.a.	T 11
W12	2 16 39	4° 9'51	12♐25	21°50	6°31	0♍16	12° 7	27°47	24°58	5°56	5°56	10° 5	9°55	26° 3	n.a.	W12
T 13	2 20 36	5°11'12	27°10	21° 7	7°44	0°52	12°17	27°50	25° 1	5°55	5°55	9°58	9°52	26°10	n.a.	T 13
F 14	2 24 32	6°12'34	11♑31	20°35	8°58	1°28	12°27	27°53	25° 5	5°53	5°54	9°55	9°49	26°16	n.a.	F 14
S 15	2 28 29	7°13'55	25°25	20°13	10°12	2° 5	12°37	27°56	25° 8	5°52	5°52	9°53	9°46	26°23	n.a.	S 15
S 16	2 32 26	8°15'15	8♒55	20° 1	11°26	2°41	12°48	27°59	25°12	5°50	5°51	9°53	9°43	26°30	n.a.	S 16
M17	2 36 22	9°16'35	22° 1	19°D59	12°39	3°17	12°58	28° 2	25°15	5°49	5°50	9°53	9°39	26°36	n.a.	M17
T 18	2 40 19	10°17'55	4♓48	20° 6	13°53	3°53	13° 7	28° 5	25°18	5°47	5°49	9°51	9°36	26°43	n.a.	T 18
W19	2 44 15	11°19'14	17°20	20°21	15° 6	4°29	13°17	28° 9	25°22	5°46	5°48	9°47	9°33	26°50	n.a.	W19
T 20	2 48 12	12°20'32	29°41	20°44	16°20	5° 5	13°27	28°12	25°25	5°44	5°46	9°40	9°30	26°57	n.a.	T 20
F 21	2 52 8	13°21'50	11♈52	21°13	17°33	5°41	13°36	28°16	25°29	5°43	5°45	9°30	9°27	27° 3	n.a.	F 21
S 22	2 56 5	14°23'08	23°56	21°49	18°47	6°17	13°46	28°20	25°32	5°41	5°44	9°18	9°23	27°10	n.a.	S 22
S 23	3 0 2	15°24'24	5♉56	22°30	20° 0	6°53	13°55	28°24	25°36	5°40	5°43	9° 3	9°20	27°17	n.a.	S 23
M24	3 3 58	16°25'41	17°51	23°17	21°13	7°28	14° 4	28°27	25°39	5°38	5°42	8°48	9°17	27°23	n.a.	M24
T 25	3 7 55	17°26'57	29°44	24° 7	22°26	8° 4	14°13	28°31	25°43	5°37	5°40	8°33	9°14	27°30	n.a.	T 25
W26	3 11 51	18°28'12	11♊36	25° 2	23°40	8°40	14°22	28°36	25°46	5°35	5°39	8°20	9°11	27°37	n.a.	W26
T 27	3 15 48	19°29'28	23°27	26° 0	24°53	9°15	14°31	28°40	25°50	5°33	5°38	8°10	9° 8	27°44	n.a.	T 27
F 28	3 19 44	20°30'42	5♋21	27° 1	26° 6	9°51	14°40	28°44	25°53	5°32	5°37	8° 3	9° 4	27°50	n.a.	F 28
S 29	3 23 41	21°31'56	17°21	28° 6	27°19	10°27	14°49	28°48	25°57	5°30	5°36	7°59	9° 1	27°57	n.a.	S 29
S 30	3 27 37	22♏33'10	29♋31	29♎12	28♐32	11♍ 2	14♍57	28♑53	26♏ 0	5♊29	5♉35	7♌57	8♌58	28♉ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	9s 5	20n55	2s44	13s37	0s19	20s16	1s26	15n28	1n37	9n11	1n21	22s57	1s53	19s16	0s 2	20n56	0s51	7n51	6s22	17n47		17n58		14n31			n.a.
S 2	9 28	20 32	1 46	13 1	0n 1	20 37	1 28	15 16	1 38	9 7	1 22	22 57	1 53	19 17	0 2	20 56	0 51	7 50	6 22	17 47		17 59		14 33			n.a.
M 3	9 51	19 9	0 42	12 21	0 21	20 57	1 30	15 3	1 38	9 2	1 22	22 56	1 53	19 18	0 2	20 56	0 51	7 50	6 22	17 47		17 59		14 35			n.a.
T 4	10 14	16 46	0n26	11 37	0 41	21 17	1 32	14 51	1 39	8 58	1 22	22 56	1 53	19 19	0 2	20 56	0 51	7 50	6 22	17 47		18 0		14 37			n.a.
W 5	10 37	13 27	1 34	10 51	1 2	21 36	1 33	14 39	1 39	8 54	1 22	22 55	1 52	19 20	0 2	20 56	0 51	7 49	6 22	17 47		18 1		14 39			n.a.
T 6	10 59	9 17	2 40	10 3	1 22	21 55	1 35	14 26	1 39	8 50	1 22	22 55	1 52	19 20	0 2	20 55	0 51	7 49	6 22	17 48		18 2		14 40			n.a.
F 7	11 21	4 28	3 38	9 16	1 40	22 13	1 37	14 14	1 40	8 46	1 22	22 54	1 52	19 21	0 2	20 55	0 51	7 49	6 22	17 50		18 3		14 42			n.a.
S 8	11 44	0s45	4 23	8 30	1 57	22 30	1 39	14 2	1 40	8 42	1 23	22 53	1 52	19 22	0 2	20 55	0 51	7 48	6 22	17 53		18 4		14 44			n.a.
S 9	12 5	6 2	4 52	7 48	2 13	22 47	1 40	13 49	1 40	8 38	1 23	22 53	1 52	19 23	0 2	20 55	0 51	7 48	6 21	17 56		18 5		14 46			n.a.
M10	12 27	11 1	5 0	7 9	2 26	23 3	1 42	13 36	1 41	8 34	1 23	22 52	1 52	19 24	0 2	20 54	0 51	7 47	6 21	17 59		18 6		14 48			n.a.
T 11	12 49	15 18	4 47	6 35	2 37	23 18	1 43	13 24	1 41	8 30	1 23	22 52	1 52	19 25	0 2	20 54	0 51	7 47	6 21	18 2		18 6		14 50			n.a.
W12	13 10	18 32	4 14	6 7	2 46	23 33	1 44	13 11	1 41	8 26	1 23	22 51	1 52	19 25	0 2	20 54	0 51	7 47	6 21	18 5		18 7		14 51			n.a.
T 13	13 31	20 29	3 25	5 45	2 53	23 47	1 46	12 58	1 42	8 22	1 23	22 50	1 51	19 26	0 2	20 54	0 51	7 46	6 21	18 6		18 8		14 53			n.a.
F 14	13 52	21 2	2 24	5 28	2 57	24 0	1 47	12 45	1 42	8 18	1 24	22 49	1 51	19 27	0 2	20 53	0 51	7 46	6 21	18 8		18 9		14 55			n.a.
S 15	14 12	20 15	1 16	5 17	3 0	24 13	1 48	12 32	1 42	8 14	1 24	22 49	1 51	19 28	0 2	20 53	0 51	7 46	6 21	18 8		18 10		14 57			n.a.
S 16	14 33	18 19	0 5	5 12	3 1	24 25	1 49	12 19	1 43	8 11	1 24	22 48	1 51	19 29	0 2	20 53	0 51	7 45	6 21	18 8		18 11		14 59			n.a.
M17	14 53	15 27	1s 4	5 11	3 1	24 36	1 50	12 6	1 43	8 7	1 24	22 47	1 51	19 30	0 2	20 53	0 51	7 45	6 21	18 8		18 12		15 0			n.a.
T 18	15 12	11 55	2 8	5 15	2 59	24 46	1 51	11 53	1 43	8 3	1 24	22 46	1 51	19 30	0 2	20 52	0 51	7 45	6 21	18 8		18 13		15 2			n.a.
W19	15 32	7 55	3 4	5 24	2 56	24 56	1 52	11 40	1 44	8 0	1 24	22 45	1 51	19 31	0 2	20 52	0 51	7 44	6 21	18 10		18 13		15 4			n.a.
T 20	15 51	3 38	3 50	5 36	2 52	25 5	1 53	11 27	1 44	7 56	1 25	22 45	1 50	19 32	0 2	20 52	0 51	7 44	6 21	18 11		18 14		15 6			n.a.
F 21	16 10	0n43	4 26	5 52	2 47	25 13	1 54	11 14	1 44	7 52	1 25	22 44	1 50	19 33	0 2	20 52	0 51	7 44	6 21	18 14		18 15		15 8			n.a.
S 22	16 29	5 0	4 49	6 10	2 42	25 20	1 54	11 0	1 45	7 49	1 25	22 43	1 50	19 34	0 2	20 51	0 51	7 43	6 21	18 18		18 16		15 9			n.a.
S 23	16 47	9 4	4 59	6 31	2 36	25 27	1 55	10 47	1 45	7 45	1 25	22 42	1 50	19 35	0 2	20 51	0 51	7 43	6 21	18 21		18 17		15 11			n.a.
M24	17 5	12 46	4 56	6 55	2 30	25 33	1 55	10 34	1 45	7 42	1 25	22 41	1 50	19 36	0 2	20 51	0 51	7 43	6 21	18 26		18 18		15 13			n.a.
T 25	17 23	15 57	4 40	7 20	2 23	25 38	1 56	10 20	1 46	7 39	1 26	22 40	1 50	19 36	0 2	20 50	0 51	7 42	6 21	18 29		18 19		15 15			n.a.
W26	17 40	18 29	4 11	7 47	2 15	25 42	1 56	10 7	1 46	7 35	1 26	22 39	1 50	19 37	0 2	20 50	0 51	7 42	6 20	18 33		18 19		15 16			n.a.
T 27	17 58	20 14	3 32	8 16	2 8	25 46	1 56	9 54	1 46	7 32	1 26	22 38	1 50	19 38	0 2	20 50	0 51	7 42	6 20	18 36		18 20		15 18			n.a.
F 28	18 14	21 6	2 43	8 45	2 0	25 48	1 56	9 40	1 47	7 29	1 26	22 37	1 50	19 39	0 2	20 50	0 51	7 41	6 20	18 38		18 21		15 20			n.a.
S 29	18 31	21 1	1 47	9 16	1 52	25 50	1 56	9 27	1 47	7 26	1 26	22 36	1 49	19 40	0 2	20 49	0 51	7 41	6 20	18 39		18 22		15 22			n.a.
S 30	18s47	19n56	0s45	9s47	1n44	25s51	1s56	9n13	1n47	7n22	1n27	22s35	1s49	19s41	0s 2	20n49	0s51	7n41	6s20	18n39		18n23		15n24			n.a.

Julian Day Number = 976252.5, Delta T = 13h19m17s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'55, Lahiri = -32°04'54 Julian Calendar 1 Nov. 2041 BCE == Greg. Calendar 15 Oct. 2041 BCE

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ASTRODIENST EPHEMERIS for the year 2041 BCE
geocentric

DECEMBER 2041 BCE (-2040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 31 34	23♏34'23	11♌54	0♏21	29♐45	11♍38	15♍ 5	28♉57	26♏ 4	5°R27	5°R33	7°D57	8♌55	28♉10	n.a.	M 1
T 2	3 35 31	24°35'36	24°37	1°32	0♉58	12°13	15°14	29° 2	26° 8	5♊25	5♉32	7°R57	8°52	28°17	n.a.	T 2
W 3	3 39 27	25°36'48	7♍43	2°45	2°10	12°48	15°22	29° 7	26°11	5°24	5°31	7♌56	8°49	28°24	n.a.	W 3
T 4	3 43 24	26°37'59	21°16	4° 0	3°23	13°24	15°30	29°11	26°15	5°22	5°30	7°54	8°45	28°31	n.a.	T 4
F 5	3 47 20	27°39'10	5♎19	5°16	4°36	13°59	15°38	29°16	26°18	5°20	5°29	7°49	8°42	28°37	n.a.	F 5
S 6	3 51 17	28°40'20	19°51	6°34	5°48	14°34	15°45	29°21	26°22	5°19	5°28	7°41	8°39	28°44	n.a.	S 6
S 7	3 55 13	29°41'30	4♏49	7°53	7° 1	15° 9	15°53	29°26	26°25	5°17	5°27	7°32	8°36	28°51	n.a.	S 7
M 8	3 59 10	0♐42'38	20° 4	9°13	8°13	15°44	16° 0	29°31	26°29	5°15	5°26	7°21	8°33	28°57	n.a.	M 8
T 9	4 3 7	1°43'46	5♐25	10°35	9°26	16°20	16° 8	29°36	26°32	5°13	5°25	7°11	8°29	29° 4	n.a.	T 9
W10	4 7 3	2°44'53	20°42	11°57	10°38	16°54	16°15	29°42	26°36	5°12	5°23	7° 2	8°26	29°11	n.a.	W10
T 11	4 11 0	3°45'58	5♉42	13°21	11°50	17°29	16°22	29°47	26°39	5°10	5°22	6°56	8°23	29°18	n.a.	T 11
F 12	4 14 56	4°47'02	20°19	14°45	13° 3	18° 4	16°29	29°52	26°43	5° 8	5°21	6°53	8°20	29°24	n.a.	F 12
S 13	4 18 53	5°48'05	4♒27	16°10	14°15	18°39	16°35	29°58	26°47	5° 7	5°20	6°D51	8°17	29°31	n.a.	S 13
S 14	4 22 49	6°49'06	18° 7	17°37	15°27	19°14	16°42	0♒ 3	26°50	5° 5	5°19	6°52	8°14	29°38	n.a.	S 14
M15	4 26 46	7°50'06	1♓20	19° 4	16°39	19°48	16°48	0° 9	26°54	5° 3	5°18	6°53	8°10	29°45	n.a.	M15
T 16	4 30 43	8°51'04	14° 9	20°31	17°50	20°23	16°55	0°15	26°57	5° 2	5°17	6°R53	8° 7	29°51	n.a.	T 16
W17	4 34 39	9°52'00	26°39	22° 0	19° 2	20°57	17° 1	0°21	27° 1	5° 0	5°16	6°51	8° 4	29°58	n.a.	W17
T 18	4 38 36	10°52'55	8♈54	23°30	20°14	21°32	17° 7	0°26	27° 4	4°58	5°15	6°47	8° 1	0♊ 5	n.a.	T 18
F 19	4 42 32	11°53'48	20°59	25° 0	21°25	22° 6	17°13	0°32	27° 7	4°57	5°14	6°41	7°58	0°11	n.a.	F 19
S 20	4 46 29	12°54'39	2♉56	26°31	22°37	22°40	17°18	0°38	27°11	4°55	5°14	6°32	7°54	0°18	n.a.	S 20
S 21	4 50 25	13°55'29	14°50	28° 3	23°48	23°14	17°24	0°44	27°14	4°53	5°13	6°22	7°51	0°25	n.a.	S 21
M22	4 54 22	14°56'17	26°42	29°35	24°59	23°48	17°29	0°50	27°18	4°52	5°12	6°11	7°48	0°32	n.a.	M22
T 23	4 58 18	15°57'04	8♊34	1♐ 8	26°10	24°22	17°34	0°56	27°21	4°50	5°11	6° 1	7°45	0°38	n.a.	T 23
W24	5 2 15	16°57'49	20°27	2°42	27°21	24°56	17°39	1° 3	27°25	4°48	5°10	5°52	7°42	0°45	n.a.	W24
T 25	5 6 12	17°58'33	2♋24	4°17	28°32	25°30	17°44	1° 9	27°28	4°47	5° 9	5°45	7°39	0°52	n.a.	T 25
F 26	5 10 8	18°59'15	14°25	5°53	29°43	26° 4	17°49	1°15	27°31	4°45	5° 8	5°40	7°35	0°58	n.a.	F 26
S 27	5 14 5	19°59'55	26°34	7°29	0♒54	26°38	17°53	1°22	27°35	4°43	5° 7	5°38	7°32	1° 5	n.a.	S 27
S 28	5 18 1	21° 0'34	8♌51	9° 7	2° 4	27°11	17°58	1°28	27°38	4°42	5° 7	5°D37	7°29	1°12	n.a.	S 28
M29	5 21 58	22° 1'12	21°21	10°45	3°15	27°45	18° 2	1°34	27°41	4°40	5° 6	5°38	7°26	1°19	n.a.	M29
T 30	5 25 54	23° 1'48	4♍ 6	12°24	4°25	28°18	18° 6	1°41	27°45	4°39	5° 5	5°40	7°23	1°25	n.a.	T 30
W31	5 29 51	24♐ 2'22	17♍10	14♐ 4	5♒35	28♍51	18♍10	1♒48	27♏48	4♊37	5♉ 4	5♌41	7♌20	1♊32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	19s 3	17n54	0n21	10s20	1n36	25s52	1s56	9n 0	1n48	7n19	1n27	22s34	1s49	19s42	0s 2	20n49	0s51	7n41	6s20	18n39	18n24	15n25			n.a.
T 2	19 18	14 57	1 27	10 52	1 28	25 51	1 56	8 46	1 48	7 16	1 27	22 33	1 49	19 42	0 2	20 48	0 51	7 40	6 20	18 39	18 25	15 27			n.a.
W 3	19 33	11 11	2 31	11 26	1 20	25 50	1 56	8 33	1 48	7 13	1 27	22 32	1 49	19 43	0 2	20 48	0 51	7 40	6 20	18 39	18 25	15 29			n.a.
T 4	19 48	6 43	3 29	11 59	1 12	25 48	1 55	8 19	1 49	7 10	1 28	22 31	1 49	19 44	0 2	20 48	0 51	7 40	6 20	18 40	18 26	15 31			n.a.
F 5	20 2	1 45	4 16	12 33	1 4	25 45	1 55	8 6	1 49	7 7	1 28	22 29	1 49	19 45	0 2	20 48	0 51	7 39	6 20	18 41	18 27	15 32			n.a.
S 6	20 16	3s29	4 48	13 7	0 55	25 42	1 54	7 52	1 49	7 4	1 28	22 28	1 49	19 46	0 2	20 47	0 51	7 39	6 19	18 43	18 28	15 34			n.a.
S 7	20 30	8 39	5 2	13 41	0 47	25 38	1 54	7 38	1 49	7 2	1 28	22 27	1 49	19 47	0 2	20 47	0 51	7 39	6 19	18 46	18 29	15 36			n.a.
M 8	20 43	13 23	4 55	14 14	0 39	25 33	1 53	7 25	1 50	6 59	1 28	22 26	1 48	19 48	0 2	20 47	0 51	7 39	6 19	18 48	18 30	15 38			n.a.
T 9	20 56	17 16	4 27	14 48	0 31	25 27	1 52	7 11	1 50	6 56	1 29	22 25	1 48	19 48	0 2	20 46	0 51	7 38	6 19	18 51	18 30	15 39			n.a.
W10	21 8	19 56	3 40	15 22	0 23	25 20	1 51	6 57	1 50	6 54	1 29	22 23	1 48	19 49	0 2	20 46	0 51	7 38	6 19	18 53	18 31	15 41			n.a.
T 11	21 20	21 10	2 38	15 55	0 16	25 13	1 50	6 44	1 50	6 51	1 29	22 22	1 48	19 50	0 2	20 46	0 51	7 38	6 19	18 55	18 32	15 43			n.a.
F 12	21 32	20 55	1 27	16 28	0 8	25 5	1 49	6 30	1 51	6 49	1 29	22 21	1 48	19 51	0 2	20 45	0 51	7 38	6 19	18 56	18 33	15 45			n.a.
S 13	21 43	19 20	0 13	17 0	0 0	24 56	1 48	6 16	1 51	6 46	1 30	22 20	1 48	19 52	0 2	20 45	0 51	7 38	6 19	18 56	18 34	15 46			n.a.
S 14	21 53	16 39	1s 0	17 33	0s 7	24 46	1 46	6 3	1 51	6 44	1 30	22 18	1 48	19 53	0 2	20 45	0 51	7 37	6 19	18 56	18 35	15 48			n.a.
M15	22 4	13 12	2 7	18 4	0 14	24 36	1 45	5 49	1 52	6 41	1 30	22 17	1 48	19 54	0 2	20 45	0 51	7 37	6 18	18 56	18 36	15 50			n.a.
T 16	22 13	9 12	3 6	18 35	0 21	24 25	1 43	5 36	1 52	6 39	1 30	22 16	1 48	19 54	0 2	20 44	0 51	7 37	6 18	18 56	18 36	15 52			n.a.
W17	22 23	4 55	3 54	19 6	0 28	24 13	1 42	5 22	1 52	6 37	1 31	22 14	1 48	19 55	0 2	20 44	0 51	7 37	6 18	18 56	18 37	15 53			n.a.
T 18	22 32	0 32	4 30	19 35	0 35	24 1	1 40	5 8	1 52	6 35	1 31	22 13	1 48	19 56	0 2	20 44	0 51	7 37	6 18	18 57	18 38	15 55			n.a.
F 19	22 40	3n49	4 54	20 5	0 42	23 48	1 38	4 55	1 53	6 33	1 31	22 12	1 47	19 57	0 2	20 43	0 51	7 36	6 18	18 59	18 39	15 57			n.a.
S 20	22 49	7 59	5 5	20 33	0 48	23 34	1 36	4 41	1 53	6 31	1 31	22 10	1 47	19 58	0 2	20 43	0 51	7 36	6 18	19 1	18 40	15 59			n.a.
S 21	22 56	11 48	5 2	21 0	0 54	23 20	1 35	4 28	1 53	6 29	1 32	22 9	1 47	19 58	0 2	20 43	0 51	7 36	6 18	19 4	18 41	16 0			n.a.
M22	23 3	15 10	4 46	21 27	1 0	23 5	1 32	4 14	1 53	6 27	1 32	22 7	1 47	19 59	0 2	20 43	0 51	7 36	6 17	19 6	18 41	16 2			n.a.
T 23	23 10	17 56	4 18	21 53	1 6	22 49	1 30	4 0	1 53	6 25	1 32	22 6	1 47	20 0	0 2	20 42	0 51	7 36	6 17	19 9	18 42	16 4			n.a.
W24	23 16	19 56	3 39	22 18	1 12	22 33	1 28	3 47	1 54	6 23	1 32	22 4	1 47	20 1	0 2	20 42	0 51	7 36	6 17	19 11	18 43	16 5			n.a.
T 25	23 22	21 5	2 49	22 41	1 17	22 16	1 26	3 33	1 54	6 22	1 33	22 3	1 47	20 2	0 2	20 42	0 51	7 35	6 17	19 13	18 44	16 7			n.a.
F 26	23 28	21 16	1 52	23 4	1 22	21 59	1 23	3 20	1 54	6 20	1 33	22 1	1 47	20 2	0 2	20 41	0 51	7 35	6 17	19 14	18 45	16 9			n.a.
S 27	23 32	20 28	0 49	23 26	1 27	21 41	1 21	3 6	1 54	6 18	1 33	22 0	1 47	20 3	0 2	20 41	0 51	7 35	6 17	19 15	18 46	16 11			n.a.
S 28	23 37	18 42	0n17	23 46	1 31	21 22	1 18	2 53	1 54	6 17	1 34	21 58	1 47	20 4	0 2	20 41	0 51	7 35	6 16	19 15	18 46	16 12			n.a.
M29	23 41	16 0	1 24	24 5	1 35	21 3	1 15	2 40	1 55	6 16	1 34	21 57	1 47	20 5	0 2	20 41	0 51	7 35	6 16	19 15	18 47	16 14			n.a.
T 30	23 44	12 30	2 28	24 23	1 39	20 43	1 12	2 26	1 55	6 14	1 34	21 55	1 47	20 6	0 2	20 40	0 51	7 35	6 16	19 14	18 48	16 16			n.a.
W31	23s47	8n19	3n26	24s39	1s43	20s23	1s 9	2n13	1n55	6n13	1n34	21s54	1s47	20s 6	0s 2	20n40	0s51	7n35	6s16	19n14	18n49	16n17			n.a.

Julian Day Number = 976282.5, Delta T = 13h19m15s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'50, Lahiri = -32°04'50 Julian Calendar 1 Dec. 2041 BCE == Greg. Calendar 14 Nov. 2041 BCE

The year -2040 astronomical counting style corresponds to year 2041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

JANUARY 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 33 47	25♐ 2'55	0♎37	15♐44	6♒45	29♍25	18♍13	1♒54	27♏51	4°R35	5°R 4	5°R41	7♌16	1♊39	n.a.	T 1
F 2	5 37 44	26° 3'27	14°29	17°26	7°55	29°58	18°17	2° 1	27°54	4♊34	5♉ 3	5♌40	7°13	1°45	n.a.	F 2
S 3	5 41 41	27° 3'57	28°45	19° 8	9° 5	0♎31	18°20	2° 8	27°58	4°32	5° 2	5°36	7°10	1°52	n.a.	S 3
S 4	5 45 37	28° 4'26	13♏25	20°52	10°14	1° 4	18°23	2°14	28° 1	4°31	5° 2	5°32	7° 7	1°59	n.a.	S 4
M 5	5 49 34	29° 4'53	28°23	22°36	11°24	1°36	18°26	2°21	28° 4	4°29	5° 1	5°26	7° 4	2° 5	n.a.	M 5
T 6	5 53 30	0♑ 5'18	13♐30	24°21	12°33	2° 9	18°29	2°28	28° 7	4°28	5° 0	5°21	7° 0	2°12	n.a.	T 6
W 7	5 57 27	1° 5'42	28°38	26° 8	13°42	2°42	18°31	2°35	28°10	4°26	5° 0	5°16	6°57	2°19	n.a.	W 7
T 8	6 1 23	2° 6'03	13♑37	27°55	14°51	3°14	18°34	2°42	28°13	4°25	4°59	5°13	6°54	2°26	n.a.	T 8
F 9	6 5 20	3° 6'23	28°18	29°43	16° 0	3°46	18°36	2°49	28°16	4°23	4°58	5°D11	6°51	2°32	n.a.	F 9
S 10	6 9 16	4° 6'40	12♒34	1♑32	17° 9	4°19	18°38	2°56	28°20	4°22	4°58	5°11	6°48	2°39	n.a.	S 10
S 11	6 13 13	5° 6'56	26°24	3°22	18°17	4°51	18°40	3° 3	28°23	4°20	4°57	5°12	6°45	2°46	n.a.	S 11
M12	6 17 10	6° 7'09	9♓46	5°13	19°25	5°23	18°42	3°10	28°26	4°19	4°57	5°14	6°41	2°52	n.a.	M12
T 13	6 21 6	7° 7'19	22°43	7° 5	20°33	5°55	18°43	3°17	28°29	4°18	4°56	5°16	6°38	2°59	n.a.	T 13
W14	6 25 3	8° 7'28	5♈18	8°58	21°41	6°26	18°44	3°24	28°31	4°16	4°56	5°R16	6°35	3° 6	n.a.	W14
T 15	6 28 59	9° 7'34	17°36	10°51	22°49	6°58	18°45	3°32	28°34	4°15	4°55	5°16	6°32	3°13	n.a.	T 15
F 16	6 32 56	10° 7'37	29°40	12°46	23°57	7°29	18°46	3°39	28°37	4°14	4°55	5°15	6°29	3°19	n.a.	F 16
S 17	6 36 52	11° 7'39	11♉37	14°41	25° 4	8° 0	18°47	3°46	28°40	4°12	4°55	5°12	6°26	3°26	n.a.	S 17
S 18	6 40 49	12° 7'38	23°28	16°36	26°11	8°32	18°47	3°53	28°43	4°11	4°54	5° 8	6°22	3°33	n.a.	S 18
M19	6 44 45	13° 7'35	5♊19	18°33	27°18	9° 3	18°48	4° 1	28°46	4°10	4°54	5° 5	6°19	3°39	n.a.	M19
T 20	6 48 42	14° 7'29	17°12	20°29	28°24	9°33	18°R48	4° 8	28°48	4° 9	4°54	5° 1	6°16	3°46	n.a.	T 20
W21	6 52 39	15° 7'22	29°10	22°26	29°31	10° 4	18°48	4°16	28°51	4° 7	4°53	4°58	6°13	3°53	n.a.	W21
T 22	6 56 35	16° 7'12	11♋14	24°22	0♓37	10°35	18°48	4°23	28°54	4° 6	4°53	4°55	6°10	4° 0	n.a.	T 22
F 23	7 0 32	17° 7'00	23°27	26°19	1°43	11° 5	18°47	4°30	28°57	4° 5	4°53	4°54	6° 6	4° 6	n.a.	F 23
S 24	7 4 28	18° 6'46	5♌49	28°15	2°49	11°35	18°47	4°38	28°59	4° 4	4°52	4°D54	6° 3	4°13	n.a.	S 24
S 25	7 8 25	19° 6'30	18°22	0♒ 9	3°54	12° 5	18°46	4°45	29° 2	4° 3	4°52	4°54	6° 0	4°20	n.a.	S 25
M26	7 12 21	20° 6'11	1♍ 8	2° 3	4°59	12°35	18°45	4°53	29° 4	4° 2	4°52	4°55	5°57	4°26	n.a.	M26
T 27	7 16 18	21° 5'51	14° 8	3°55	6° 4	13° 5	18°44	5° 0	29° 7	4° 1	4°52	4°56	5°54	4°33	n.a.	T 27
W28	7 20 14	22° 5'28	27°22	5°45	7° 9	13°34	18°42	5° 8	29° 9	4° 0	4°52	4°57	5°51	4°40	n.a.	W28
T 29	7 24 11	23° 5'04	10♎53	7°33	8°13	14° 4	18°41	5°15	29°12	3°59	4°51	4°58	5°47	4°47	n.a.	T 29
F 30	7 28 7	24° 4'38	24°42	9°18	9°17	14°33	18°39	5°23	29°14	3°58	4°51	4°R58	5°44	4°53	n.a.	F 30
S 31	7 32 4	25♑ 4'10	8♏47	10♒59	10♓21	15♎ 2	18♍37	5♒31	29♏16	3♊57	4♉51	4♌58	5♌41	5♊ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s50	3n38	4n15	24s54	1s46	20s 2	1s 6	2n 0	1n55	6n12	1n35	21s52	1s47	20s 7	0s 2	20n40	0s51	7n35	6s16	19n14	18n50	16n19			n.a.
F 2	23 52	1s23	4 50	25 8	1 49	19 41	1 3	1 46	1 55	6 11	1 35	21 51	1 47	20 8	0 2	20 39	0 50	7 34	6 16	19 14	18 51	16 21			n.a.
S 3	23 54	6 27	5 8	25 20	1 52	19 19	1 0	1 33	1 55	6 10	1 35	21 49	1 47	20 9	0 2	20 39	0 50	7 34	6 16	19 15	18 51	16 23			n.a.
S 4	23 55	11 18	5 8	25 30	1 54	18 57	0 57	1 20	1 56	6 9	1 35	21 47	1 47	20 9	0 2	20 39	0 50	7 34	6 15	19 16	18 52	16 24			n.a.
M 5	23 55	15 33	4 46	25 38	1 56	18 34	0 53	1 7	1 56	6 8	1 36	21 46	1 46	20 10	0 2	20 39	0 50	7 34	6 15	19 18	18 53	16 26			n.a.
T 6	23 56	18 50	4 5	25 45	1 57	18 11	0 50	0 54	1 56	6 7	1 36	21 44	1 46	20 11	0 2	20 38	0 50	7 34	6 15	19 19	18 54	16 28			n.a.
W 7	23 55	20 49	3 6	25 50	1 58	17 47	0 46	0 41	1 56	6 6	1 36	21 42	1 46	20 12	0 2	20 38	0 50	7 34	6 15	19 20	18 55	16 29			n.a.
T 8	23 55	21 18	1 55	25 53	1 59	17 23	0 43	0 27	1 56	6 5	1 37	21 41	1 46	20 12	0 2	20 38	0 50	7 34	6 15	19 21	18 55	16 31			n.a.
F 9	23 53	20 19	0 38	25 54	1 59	16 59	0 39	0 14	1 56	6 5	1 37	21 39	1 46	20 13	0 2	20 38	0 50	7 34	6 14	19 21	18 56	16 33			n.a.
S 10	23 52	18 1	0s40	25 53	1 58	16 34	0 35	0 2	1 56	6 4	1 37	21 37	1 46	20 14	0 2	20 37	0 50	7 34	6 14	19 21	18 57	16 34			n.a.
S 11	23 49	14 45	1 54	25 50	1 58	16 9	0 31	0s11	1 56	6 4	1 37	21 36	1 46	20 14	0 2	20 37	0 50	7 34	6 14	19 21	18 58	16 36			n.a.
M12	23 47	10 48	2 58	25 45	1 56	15 44	0 27	0 24	1 57	6 3	1 38	21 34	1 46	20 15	0 2	20 37	0 50	7 34	6 14	19 21	18 59	16 38			n.a.
T 13	23 44	6 29	3 52	25 38	1 54	15 18	0 23	0 37	1 57	6 3	1 38	21 32	1 46	20 16	0 2	20 37	0 50	7 34	6 14	19 20	19 0	16 39			n.a.
W14	23 40	2 0	4 32	25 29	1 52	14 52	0 19	0 50	1 57	6 3	1 38	21 31	1 46	20 16	0 2	20 37	0 50	7 34	6 14	19 20	19 0	16 41			n.a.
T 15	23 36	2n27	4 59	25 17	1 49	14 25	0 15	1 2	1 57	6 2	1 39	21 29	1 46	20 17	0 2	20 36	0 50	7 34	6 13	19 20	19 1	16 43			n.a.
F 16	23 32	6 43	5 13	25 3	1 45	13 59	0 11	1 15	1 57	6 2	1 39	21 27	1 46	20 18	0 2	20 36	0 50	7 34	6 13	19 21	19 2	16 44			n.a.
S 17	23 27	10 41	5 12	24 46	1 41	13 32	0 6	1 27	1 57	6 2	1 39	21 25	1 46	20 18	0 2	20 36	0 50	7 34	6 13	19 21	19 3	16 46			n.a.
S 18	23 22	14 13	4 58	24 28	1 36	13 4	0 2	1 40	1 57	6 2	1 39	21 23	1 46	20 19	0 2	20 36	0 50	7 34	6 13	19 22	19 4	16 48			n.a.
M19	23 16	17 10	4 32	24 7	1 31	12 37	0n 3	1 52	1 57	6 3	1 40	21 22	1 46	20 20	0 2	20 35	0 50	7 34	6 13	19 23	19 4	16 49			n.a.
T 20	23 10	19 26	3 53	23 43	1 24	12 9	0 7	2 5	1 57	6 3	1 40	21 20	1 46	20 20	0 2	20 35	0 50	7 34	6 13	19 24	19 5	16 51			n.a.
W21	23 3	20 51	3 4	23 18	1 18	11 41	0 12	2 17	1 57	6 3	1 40	21 18	1 46	20 21	0 2	20 35	0 50	7 34	6 12	19 25	19 6	16 53			n.a.
T 22	22 56	21 20	2 7	22 50	1 10	11 13	0 17	2 29	1 57	6 3	1 40	21 16	1 46	20 22	0 2	20 35	0 50	7 35	6 12	19 25	19 7	16 54			n.a.
F 23	22 48	20 49	1 3	22 20	1 2	10 45	0 21	2 41	1 57	6 4	1 41	21 14	1 46	20 22	0 2	20 35	0 50	7 35	6 12	19 26	19 8	16 56			n.a.
S 24	22 40	19 17	0n 5	21 48	0 53	10 16	0 26	2 53	1 57	6 4	1 41	21 13	1 46	20 23	0 2	20 34	0 50	7 35	6 12	19 26	19 8	16 58			n.a.
S 25	22 32	16 48	1 14	21 14	0 43	9 48	0 31	3 5	1 57	6 5	1 41	21 11	1 46	20 23	0 2	20 34	0 50	7 35	6 12	19 26	19 9	16 59			n.a.
M26	22 23	13 28	2 20	20 39	0 33	9 19	0 36	3 17	1 57	6 5	1 42	21 9	1 46	20 24	0 2	20 34	0 50	7 35	6 11	19 25	19 10	17 1			n.a.
T 27	22 14	9 26	3 20	20 2	0 22	8 50	0 41	3 29	1 56	6 6	1 42	21 7	1 46	20 24	0 2	20 34	0 50	7 35	6 11	19 25	19 11	17 3			n.a.
W28	22 4	4 54	4 11	19 24	0 11	8 21	0 46	3 41	1 56	6 7	1 42	21 5	1 46	20 25	0 2	20 34	0 50	7 35	6 11	19 25	19 12	17 4			n.a.
T 29	21 54	0 2	4 49	18 45	0n 1	7 52	0 52	3 53	1 56	6 8	1 42	21 3	1 46	20 26	0 2	20 34	0 50	7 35	6 11	19 25	19 12	17 6			n.a.
F 30	21 44	4s56	5 12	18 5	0 13	7 22	0 57	4 4	1 56	6 9	1 43	21 1	1 46	20 26	0 2	20 34	0 50	7 35	6 11	19 25	19 13	17 7			n.a.
S 31	21s33	9s44	5n16	17s25	0n26	6s53	1n 2	4s16	1n56	6n10	1n43	20s59	1s46	20s27	0s 2	20n33	0s50	7n36	6s10	19n25	19n14	17n 9			n.a.

Julian Day Number = 976313.5, Delta T = 13h19m12s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'46, Lahiri = -32°04'46 Julian Calendar 1 Jan. 2040 BCE == Greg. Calendar 15 Dec. 2041 BCE

The year -2039 astronomical counting style corresponds to year 2040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

FEBRUARY 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 36 1	26♉ 3'40	23♏ 9	12♒36	11♓24	15♎31	18°R35	5♒38	29♏19	3°R56	4°R51	4°R58	5♌38	5♊ 7	n.a.	S 1
M 2	7 39 57	27° 3'08	7♐43	14°10	12°27	15°59	18♍33	5°46	29°21	3♊55	4♉51	4♌57	5°35	5°13	n.a.	M 2
T 3	7 43 54	28° 2'34	22°25	15°38	13°30	16°28	18°30	5°53	29°23	3°54	4°D51	4°56	5°32	5°20	n.a.	T 3
W 4	7 47 50	29° 1'59	7♑ 9	17° 1	14°32	16°56	18°28	6° 1	29°26	3°53	4°51	4°55	5°28	5°27	n.a.	W 4
T 5	7 51 47	0♒ 1'21	21°49	18°18	15°34	17°24	18°25	6° 9	29°28	3°53	4°51	4°55	5°25	5°33	n.a.	T 5
F 6	7 55 43	1° 0'41	6♒16	19°30	16°36	17°52	18°22	6°16	29°30	3°52	4°51	4°D55	5°22	5°40	n.a.	F 6
S 7	7 59 40	1°59'58	20°26	20°35	17°38	18°19	18°19	6°24	29°32	3°51	4°51	4°55	5°19	5°47	n.a.	S 7
S 8	8 3 36	2°59'13	4♓15	21°33	18°39	18°46	18°15	6°32	29°34	3°50	4°51	4°55	5°16	5°54	n.a.	S 8
M 9	8 7 33	3°58'26	17°40	22°25	19°39	19°13	18°12	6°39	29°36	3°50	4°51	4°55	5°12	6° 0	n.a.	M 9
T 10	8 11 30	4°57'37	0♈42	23° 9	20°39	19°40	18° 8	6°47	29°38	3°49	4°52	4°R55	5° 9	6° 7	n.a.	T 10
W11	8 15 26	5°56'44	13°23	23°46	21°39	20° 7	18° 4	6°55	29°40	3°48	4°52	4°55	5° 6	6°14	n.a.	W11
T 12	8 19 23	6°55'50	25°44	24°16	22°38	20°33	18° 0	7° 2	29°42	3°48	4°52	4°55	5° 3	6°20	n.a.	T 12
F 13	8 23 19	7°54'53	7♉52	24°39	23°37	20°59	17°56	7°10	29°44	3°47	4°52	4°D55	5° 0	6°27	n.a.	F 13
S 14	8 27 16	8°53'53	19°49	24°53	24°36	21°25	17°52	7°18	29°45	3°47	4°52	4°55	4°57	6°34	n.a.	S 14
S 15	8 31 12	9°52'51	1♊42	25° 1	25°34	21°50	17°47	7°25	29°47	3°46	4°53	4°55	4°53	6°41	n.a.	S 15
M16	8 35 9	10°51'47	13°33	25°R 1	26°31	22°15	17°42	7°33	29°49	3°46	4°53	4°56	4°50	6°47	n.a.	M16
T 17	8 39 5	11°50'40	25°28	24°55	27°28	22°40	17°37	7°41	29°50	3°45	4°53	4°57	4°47	6°54	n.a.	T 17
W18	8 43 2	12°49'31	7♋30	24°42	28°24	23° 5	17°32	7°48	29°52	3°45	4°54	4°57	4°44	7° 1	n.a.	W18
T 19	8 46 58	13°48'20	19°42	24°22	29°20	23°29	17°27	7°56	29°54	3°45	4°54	4°58	4°41	7° 7	n.a.	T 19
F 20	8 50 55	14°47'06	2♌ 6	23°57	0♈16	23°53	17°22	8° 4	29°55	3°44	4°54	4°R58	4°38	7°14	n.a.	F 20
S 21	8 54 51	15°45'50	14°45	23°27	1°10	24°17	17°17	8°11	29°57	3°44	4°55	4°58	4°34	7°21	n.a.	S 21
S 22	8 58 48	16°44'32	27°39	22°52	2° 4	24°40	17°11	8°19	29°58	3°44	4°55	4°58	4°31	7°27	n.a.	S 22
M23	9 2 45	17°43'11	10♍47	22°13	2°58	25° 3	17° 5	8°27	29°59	3°43	4°55	4°56	4°28	7°34	n.a.	M23
T 24	9 6 41	18°41'49	24°10	21°31	3°51	25°26	17° 0	8°34	0♐ 1	3°43	4°56	4°54	4°25	7°41	n.a.	T 24
W25	9 10 38	19°40'25	7♎46	20°47	4°43	25°48	16°54	8°42	0° 2	3°43	4°56	4°53	4°22	7°48	n.a.	W25
T 26	9 14 34	20°38'58	21°34	20° 2	5°34	26°10	16°48	8°49	0° 3	3°43	4°57	4°51	4°18	7°54	n.a.	T 26
F 27	9 18 31	21°37'30	5♏31	19°17	6°25	26°32	16°41	8°57	0° 4	3°43	4°57	4°49	4°15	8° 1	n.a.	F 27
S 28	9 22 27	22♒36'00	19♏37	18♒32	7♈15	26♎53	16♍35	9♒ 5	0♐ 5	3♊43	4♉58	4°D49	4♌12	8♊ 8	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21s22	14s 5	5n 1	16s44	0n39	6s24	1n 7	4s27	1n56	6n11	1n43	20s58	1s46	20s27	0s 2	20n33	0s50	7n36	6s10	19n25	19n15	17n11			n.a.
M 2	21 10	17 39	4 27	16 5	0 53	5 54	1 13	4 38	1 56	6 12	1 43	20 56	1 46	20 28	0 2	20 33	0 50	7 36	6 10	19 25	19 16	17 12			n.a.
T 3	20 58	20 8	3 35	15 25	1 6	5 25	1 18	4 50	1 56	6 13	1 44	20 54	1 46	20 28	0 3	20 33	0 50	7 36	6 10	19 25	19 16	17 14			n.a.
W 4	20 46	21 16	2 28	14 47	1 20	4 55	1 24	5 1	1 55	6 14	1 44	20 52	1 46	20 29	0 3	20 33	0 49	7 36	6 10	19 25	19 17	17 16			n.a.
T 5	20 33	20 56	1 12	14 10	1 34	4 26	1 29	5 12	1 55	6 16	1 44	20 50	1 46	20 29	0 3	20 33	0 49	7 36	6 9	19 26	19 18	17 17			n.a.
F 6	20 20	19 12	0s 8	13 35	1 47	3 57	1 35	5 23	1 55	6 17	1 44	20 48	1 46	20 30	0 3	20 33	0 49	7 37	6 9	19 26	19 19	17 19			n.a.
S 7	20 7	16 19	1 25	13 1	2 1	3 27	1 40	5 34	1 55	6 19	1 45	20 46	1 46	20 30	0 3	20 33	0 49	7 37	6 9	19 26	19 20	17 20			n.a.
S 8	19 53	12 34	2 36	12 30	2 14	2 58	1 46	5 45	1 54	6 20	1 45	20 44	1 47	20 31	0 3	20 32	0 49	7 37	6 9	19 25	19 20	17 22			n.a.
M 9	19 39	8 16	3 36	12 1	2 26	2 28	1 52	5 55	1 54	6 22	1 45	20 42	1 47	20 31	0 3	20 32	0 49	7 37	6 9	19 25	19 21	17 24			n.a.
T 10	19 25	3 43	4 23	11 35	2 38	1 59	1 57	6 6	1 54	6 24	1 45	20 40	1 47	20 31	0 3	20 32	0 49	7 38	6 8	19 25	19 22	17 25			n.a.
W11	19 10	0n52	4 55	11 12	2 50	1 30	2 3	6 16	1 53	6 25	1 46	20 38	1 47	20 32	0 3	20 32	0 49	7 38	6 8	19 25	19 23	17 27			n.a.
T 12	18 55	5 17	5 13	10 52	3 0	1 1	2 9	6 27	1 53	6 27	1 46	20 36	1 47	20 32	0 3	20 32	0 49	7 38	6 8	19 25	19 24	17 28			n.a.
F 13	18 40	9 25	5 17	10 36	3 10	0 32	2 15	6 37	1 53	6 29	1 46	20 34	1 47	20 33	0 3	20 32	0 49	7 38	6 8	19 25	19 24	17 30			n.a.
S 14	18 24	13 8	5 7	10 23	3 18	0 3	2 20	6 47	1 52	6 31	1 46	20 32	1 47	20 33	0 3	20 32	0 49	7 38	6 8	19 25	19 25	17 32			n.a.
S 15	18 8	16 18	4 43	10 13	3 26	0n26	2 26	6 57	1 52	6 33	1 46	20 31	1 47	20 34	0 3	20 32	0 49	7 39	6 8	19 25	19 26	17 33			n.a.
M16	17 52	18 47	4 8	10 7	3 32	0 54	2 32	7 7	1 51	6 35	1 47	20 29	1 47	20 34	0 3	20 32	0 49	7 39	6 7	19 25	19 27	17 35			n.a.
T 17	17 35	20 29	3 22	10 5	3 37	1 23	2 38	7 17	1 51	6 37	1 47	20 27	1 47	20 34	0 3	20 32	0 49	7 39	6 7	19 25	19 27	17 36			n.a.
W18	17 18	21 16	2 27	10 6	3 40	1 51	2 44	7 27	1 50	6 39	1 47	20 25	1 47	20 35	0 3	20 32	0 49	7 40	6 7	19 25	19 28	17 38			n.a.
T 19	17 1	21 4	1 24	10 11	3 42	2 19	2 50	7 36	1 50	6 42	1 47	20 23	1 47	20 35	0 3	20 32	0 49	7 40	6 7	19 25	19 29	17 39			n.a.
F 20	16 44	19 50	0 16	10 19	3 42	2 47	2 55	7 46	1 49	6 44	1 47	20 21	1 47	20 35	0 3	20 32	0 49	7 40	6 7	19 25	19 30	17 41			n.a.
S 21	16 26	17 36	0n54	10 31	3 41	3 14	3 1	7 55	1 49	6 46	1 48	20 19	1 47	20 36	0 3	20 32	0 49	7 41	6 6	19 25	19 31	17 43			n.a.
S 22	16 8	14 27	2 2	10 45	3 38	3 42	3 7	8 4	1 48	6 48	1 48	20 17	1 47	20 36	0 3	20 32	0 49	7 41	6 6	19 25	19 31	17 44			n.a.
M23	15 50	10 31	3 6	11 2	3 33	4 9	3 13	8 13	1 48	6 51	1 48	20 15	1 47	20 36	0 3	20 32	0 49	7 41	6 6	19 25	19 32	17 46			n.a.
T 24	15 32	6 1	4 0	11 22	3 26	4 35	3 19	8 22	1 47	6 53	1 48	20 13	1 48	20 37	0 3	20 32	0 49	7 41	6 6	19 26	19 33	17 47			n.a.
W25	15 13	1 9	4 41	11 44	3 18	5 2	3 25	8 31	1 46	6 56	1 48	20 11	1 48	20 37	0 3	20 32	0 49	7 42	6 6	19 26	19 34	17 49			n.a.
T 26	14 54	3s50	5 7	12 7	3 9	5 28	3 30	8 40	1 46	6 58	1 48	20 9	1 48	20 37	0 3	20 32	0 49	7 42	6 5	19 27	19 34	17 50			n.a.
F 27	14 35	8 40	5 16	12 31	2 58	5 54	3 36	8 49	1 45	7 1	1 48	20 7	1 48	20 37	0 3	20 32	0 49	7 42	6 5	19 27	19 35	17 52			n.a.
S 28	14s16	13s 6	5n 5	12s57	2n46	6n19	3n42	8s57	1n44	7n 4	1n49	20s 5	1s48	20s38	0s 3	20n32	0s49	7n43	6s 5	19n27	19n36	17n54			n.a.

Julian Day Number = 976344.5, Delta T = 13h19m10s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'42, Lahiri = -32°04'42 Julian Calendar 1 Feb. 2040 BCE == Greg. Calendar 15 Jan. 2040 BCE

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

MARCH 2040 BCE (-2039) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 26 24	23♒34'29	3♐49	17°R48	8♈ 4	27♎14	16°R29	9♒12	0♐ 7	3°R43	4♉58	4♌49	4♌ 9	8♊14	n.a.	S 1
M 2	9 30 20	24°32'56	18° 5	17♒ 6	8°53	27°35	16♍22	9°20	0° 8	3°D43	4°59	4°50	4° 6	8°21	n.a.	M 2
T 3	9 34 17	25°31'21	2♑23	16°27	9°41	27°55	16°16	9°27	0° 9	3♊43	5° 0	4°51	4° 3	8°28	n.a.	T 3
W 4	9 38 13	26°29'44	16°39	15°51	10°27	28°15	16° 9	9°35	0° 9	3°43	5° 0	4°53	3°59	8°34	n.a.	W 4
T 5	9 42 10	27°28'05	0♒51	15°19	11°13	28°34	16° 2	9°42	0°10	3°43	5° 1	4°R53	3°56	8°41	n.a.	T 5
F 6	9 46 7	28°26'25	14°54	14°52	11°58	28°53	15°55	9°49	0°11	3°43	5° 2	4°53	3°53	8°48	n.a.	F 6
S 7	9 50 3	29°24'43	28°45	14°28	12°42	29°11	15°48	9°57	0°12	3°43	5° 2	4°52	3°50	8°55	n.a.	S 7
S 8	9 54 0	0♓22'58	12♓20	14°10	13°26	29°29	15°41	10° 4	0°13	3°43	5° 3	4°49	3°47	9° 1	n.a.	S 8
M 9	9 57 56	1°21'12	25°37	13°56	14° 8	29°46	15°34	10°12	0°13	3°44	5° 4	4°45	3°43	9° 8	n.a.	M 9
T 10	10 1 53	2°19'23	8♈35	13°47	14°49	0♏ 3	15°27	10°19	0°14	3°44	5° 4	4°41	3°40	9°15	n.a.	T 10
W11	10 5 49	3°17'32	21°15	13°D43	15°29	0°20	15°19	10°26	0°15	3°44	5° 5	4°36	3°37	9°21	n.a.	W11
T 12	10 9 46	4°15'40	3♉38	13°44	16° 7	0°36	15°12	10°34	0°15	3°44	5° 6	4°32	3°34	9°28	n.a.	T 12
F 13	10 13 42	5°13'45	15°46	13°50	16°45	0°52	15° 5	10°41	0°16	3°45	5° 7	4°29	3°31	9°35	n.a.	F 13
S 14	10 17 39	6°11'48	27°45	14° 1	17°21	1° 7	14°57	10°48	0°16	3°45	5° 8	4°28	3°28	9°41	n.a.	S 14
S 15	10 21 35	7° 9'49	9♊37	14°17	17°56	1°21	14°50	10°55	0°17	3°46	5° 8	4°D27	3°24	9°48	n.a.	S 15
M16	10 25 32	8° 7'48	21°29	14°37	18°30	1°35	14°42	11° 2	0°17	3°46	5° 9	4°28	3°21	9°55	n.a.	M16
T 17	10 29 29	9° 5'45	3♋25	15° 2	19° 2	1°48	14°35	11° 9	0°17	3°47	5°10	4°30	3°18	10° 1	n.a.	T 17
W18	10 33 25	10° 3'40	15°29	15°31	19°33	2° 1	14°27	11°17	0°17	3°47	5°11	4°31	3°15	10° 8	n.a.	W18
T 19	10 37 22	11° 1'33	27°46	16° 4	20° 3	2°14	14°20	11°24	0°18	3°48	5°12	4°33	3°12	10°15	n.a.	T 19
F 20	10 41 18	11°59'24	10♌20	16°41	20°30	2°25	14°12	11°31	0°18	3°48	5°13	4°R33	3° 9	10°22	n.a.	F 20
S 21	10 45 15	12°57'13	23°13	17°22	20°57	2°37	14° 4	11°38	0°18	3°49	5°14	4°31	3° 5	10°28	n.a.	S 21
S 22	10 49 11	13°55'01	6♍25	18° 6	21°21	2°47	13°57	11°44	0°R18	3°49	5°15	4°28	3° 2	10°35	n.a.	S 22
M23	10 53 8	14°52'46	19°58	18°54	21°44	2°57	13°49	11°51	0°18	3°50	5°16	4°23	2°59	10°42	n.a.	M23
T 24	10 57 4	15°50'30	3♎47	19°46	22° 5	3° 7	13°41	11°58	0°18	3°51	5°17	4°17	2°56	10°48	n.a.	T 24
W25	11 1 1	16°48'13	17°50	20°40	22°24	3°15	13°34	12° 5	0°18	3°52	5°18	4°10	2°53	10°55	n.a.	W25
T 26	11 4 57	17°45'54	2♏ 3	21°38	22°41	3°23	13°26	12°12	0°17	3°52	5°19	4° 4	2°49	11° 2	n.a.	T 26
F 27	11 8 54	18°43'34	16°20	22°39	22°57	3°31	13°18	12°18	0°17	3°53	5°20	3°59	2°46	11° 8	n.a.	F 27
S 28	11 12 51	19°41'12	0♐38	23°43	23°10	3°38	13°11	12°25	0°17	3°54	5°21	3°55	2°43	11°15	n.a.	S 28
S 29	11 16 47	20°38'50	14°52	24°50	23°21	3°44	13° 3	12°32	0°17	3°55	5°22	3°D54	2°40	11°22	n.a.	S 29
M30	11 20 44	21°36'26	29° 1	25°59	23°30	3°49	12°56	12°38	0°16	3°56	5°23	3°54	2°37	11°29	n.a.	M30
T 31	11 24 40	22♓34'01	13♑ 4	27♒12	23♈37	3♏54	12♍48	12♒45	0♐16	3♊57	5♉24	3♌55	2♌34	11♊35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	13s56	16s49	4n36	13s23	2n33	6n44	3n48	9s 6	1n43	7n 6	1n49	20s 3	1s48	20s38	0s 3	20n32	0s49	7n43	6s 5	19n27	19n37	17n55			n.a.
M 2	13 36	19 34	3 50	13 49	2 19	7 9	3 53	9 14	1 42	7 9	1 49	20 1	1 48	20 38	0 3	20 32	0 49	7 44	6 5	19 27	19 37	17 57			n.a.
T 3	13 16	21 5	2 50	14 15	2 5	7 33	3 59	9 22	1 42	7 12	1 49	19 59	1 48	20 38	0 3	20 32	0 48	7 44	6 5	19 26	19 38	17 58			n.a.
W 4	12 56	21 14	1 39	14 40	1 49	7 57	4 5	9 30	1 41	7 14	1 49	19 57	1 48	20 39	0 3	20 32	0 48	7 44	6 4	19 26	19 39	18 0			n.a.
T 5	12 36	20 1	0 22	15 5	1 34	8 21	4 10	9 38	1 40	7 17	1 49	19 55	1 48	20 39	0 3	20 32	0 48	7 45	6 4	19 26	19 40	18 1			n.a.
F 6	12 15	17 34	0s55	15 28	1 18	8 44	4 16	9 46	1 39	7 20	1 49	19 53	1 49	20 39	0 3	20 32	0 48	7 45	6 4	19 26	19 41	18 3			n.a.
S 7	11 55	14 8	2 7	15 50	1 2	9 7	4 21	9 53	1 38	7 23	1 49	19 51	1 49	20 39	0 3	20 32	0 48	7 45	6 4	19 26	19 41	18 4			n.a.
S 8	11 34	10 0	3 11	16 11	0 46	9 29	4 26	10 1	1 37	7 26	1 49	19 49	1 49	20 39	0 3	20 32	0 48	7 46	6 4	19 27	19 42	18 6			n.a.
M 9	11 13	5 29	4 3	16 30	0 30	9 50	4 32	10 8	1 36	7 29	1 49	19 47	1 49	20 40	0 3	20 32	0 48	7 46	6 3	19 28	19 43	18 7			n.a.
T 10	10 51	0 49	4 41	16 47	0 15	10 11	4 37	10 15	1 34	7 32	1 50	19 46	1 49	20 40	0 3	20 32	0 48	7 47	6 3	19 29	19 44	18 9			n.a.
W11	10 30	3n46	5 5	17 3	0 0	10 32	4 42	10 22	1 33	7 35	1 50	19 44	1 49	20 40	0 3	20 32	0 48	7 47	6 3	19 30	19 44	18 10			n.a.
T 12	10 9	8 5	5 13	17 16	0s14	10 52	4 47	10 29	1 32	7 38	1 50	19 42	1 49	20 40	0 3	20 33	0 48	7 48	6 3	19 31	19 45	18 12			n.a.
F 13	9 47	12 0	5 7	17 28	0 28	11 11	4 52	10 36	1 31	7 40	1 50	19 40	1 49	20 40	0 3	20 33	0 48	7 48	6 3	19 32	19 46	18 13			n.a.
S 14	9 25	15 23	4 48	17 37	0 42	11 30	4 57	10 42	1 29	7 43	1 50	19 38	1 49	20 40	0 3	20 33	0 48	7 48	6 3	19 32	19 47	18 15			n.a.
S 15	9 3	18 8	4 16	17 45	0 54	11 48	5 2	10 49	1 28	7 46	1 50	19 36	1 50	20 40	0 3	20 33	0 48	7 49	6 2	19 32	19 47	18 16			n.a.
M16	8 41	20 6	3 34	17 50	1 7	12 5	5 6	10 55	1 27	7 49	1 50	19 34	1 50	20 40	0 3	20 33	0 48	7 49	6 2	19 32	19 48	18 18			n.a.
T 17	8 19	21 11	2 42	17 54	1 18	12 22	5 11	11 1	1 25	7 52	1 50	19 32	1 50	20 40	0 3	20 33	0 48	7 50	6 2	19 32	19 49	18 19			n.a.
W18	7 57	21 19	1 42	17 55	1 29	12 38	5 15	11 7	1 24	7 55	1 50	19 30	1 50	20 40	0 3	20 33	0 48	7 50	6 2	19 31	19 50	18 21			n.a.
T 19	7 35	20 26	0 37	17 55	1 39	12 53	5 19	11 13	1 22	7 58	1 50	19 28	1 50	20 41	0 3	20 33	0 48	7 51	6 2	19 31	19 50	18 22			n.a.
F 20	7 12	18 31	0n31	17 52	1 48	13 8	5 23	11 18	1 21	8 1	1 50	19 27	1 50	20 41	0 3	20 34	0 48	7 51	6 2	19 31	19 51	18 24			n.a.
S 21	6 50	15 37	1 40	17 48	1 57	13 21	5 27	11 24	1 19	8 4	1 50	19 25	1 50	20 41	0 3	20 34	0 48	7 52	6 1	19 31	19 52	18 25			n.a.
S 22	6 27	11 52	2 44	17 41	2 5	13 34	5 30	11 29	1 17	8 7	1 50	19 23	1 51	20 41	0 3	20 34	0 48	7 52	6 1	19 32	19 53	18 27			n.a.
M23	6 4	7 26	3 41	17 33	2 12	13 46	5 33	11 34	1 15	8 10	1 50	19 21	1 51	20 41	0 3	20 34	0 48	7 53	6 1	19 33	19 53	18 28			n.a.
T 24	5 42	2 32	4 27	17 22	2 19	13 57	5 37	11 39	1 14	8 13	1 50	19 19	1 51	20 41	0 3	20 34	0 48	7 53	6 1	19 35	19 54	18 30			n.a.
W25	5 19	2s35	4 56	17 10	2 24	14 7	5 39	11 44	1 12	8 16	1 50	19 17	1 51	20 41	0 3	20 34	0 48	7 53	6 1	19 36	19 55	18 31			n.a.
T 26	4 56	7 37	5 9	16 56	2 29	14 16	5 42	11 48	1 10	8 19	1 50	19 16	1 51	20 41	0 3	20 35	0 48	7 54	6 1	19 38	19 56	18 33			n.a.
F 27	4 33	12 15	5 2	16 40	2 34	14 24	5 44	11 53	1 8	8 22	1 50	19 14	1 51	20 41	0 3	20 35	0 48	7 54	6 1	19 39	19 56	18 34			n.a.
S 28	4 10	16 12	4 36	16 21	2 38	14 31	5 46	11 57	1 6	8 25	1 49	19 12	1 52	20 41	0 3	20 35	0 47	7 55	6 0	19 40	19 57	18 36			n.a.
S 29	3 47	19 11	3 54	16 1	2 41	14 37	5 48	12 1	1 4	8 28	1 49	19 10	1 52	20 40	0 3	20 35	0 47	7 55	6 0	19 40	19 58	18 37			n.a.
M30	3 24	20 58	2 57	15 39	2 43	14 41	5 49	12 5	1 1	8 31	1 49	19 9	1 52	20 40	0 3	20 35	0 47	7 56	6 0	19 40	19 59	18 39			n.a.
T 31	3s 0	21s27	1n50	15s16	2s45	14n45	5n50	12s 9	0n59	8n34	1n49	19s 7	1s52	20s40	0s 3	20n36	0s47	7n56	6s 0	19n40	19n59	18n40			n.a.

Julian Day Number = 976372.5, Delta T = 13h19m08s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'38, Lahiri = -32°04'38 Julian Calendar 1 March 2040 BCE == Greg. Calendar 12 Feb. 2040 BCE

The year -2039 astronomical counting style corresponds to year 2040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

APRIL 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 28 37	23♓31'35	26♉58	28♒26	23♈42	3♏58	12°R41	12♒51	0°R16	3♊58	5♉25	3°R56	2♌30	11♊42	n.a.	W 1
T 2	11 32 33	24°29'08	10♒45	29°44	23°44	4° 1	12♍34	12°58	0♐15	3°59	5°26	3♌56	2°27	11°49	n.a.	T 2
F 3	11 36 30	25°26'40	24°21	1♓ 4	23°R44	4° 3	12°26	13° 4	0°14	4° 0	5°28	3°54	2°24	11°55	n.a.	F 3
S 4	11 40 26	26°24'10	7♓48	2°26	23°42	4° 5	12°19	13°11	0°14	4° 1	5°29	3°50	2°21	12° 2	n.a.	S 4
S 5	11 44 23	27°21'39	21° 2	3°51	23°37	4° 6	12°12	13°17	0°13	4° 2	5°30	3°43	2°18	12° 9	n.a.	S 5
M 6	11 48 20	28°19'07	4♈ 2	5°18	23°30	4°R 7	12° 5	13°23	0°13	4° 3	5°31	3°35	2°15	12°15	n.a.	M 6
T 7	11 52 16	29°16'34	16°49	6°48	23°21	4° 6	11°58	13°29	0°12	4° 4	5°32	3°25	2°11	12°22	n.a.	T 7
W 8	11 56 13	0♈13'59	29°21	8°20	23° 9	4° 5	11°51	13°35	0°11	4° 5	5°34	3°15	2° 8	12°29	n.a.	W 8
T 9	12 0 9	1°11'23	11♉39	9°54	22°55	4° 3	11°44	13°41	0°10	4° 6	5°35	3° 6	2° 5	12°35	n.a.	T 9
F 10	12 4 6	2° 8'46	23°45	11°31	22°38	4° 0	11°37	13°47	0° 9	4° 8	5°36	2°58	2° 2	12°42	n.a.	F 10
S 11	12 8 2	3° 6'07	5♊42	13°10	22°19	3°57	11°30	13°53	0° 8	4° 9	5°37	2°52	1°59	12°49	n.a.	S 11
S 12	12 11 59	4° 3'27	17°33	14°51	21°58	3°52	11°24	13°59	0° 7	4°10	5°39	2°48	1°55	12°56	n.a.	S 12
M13	12 15 55	5° 0'46	29°23	16°34	21°35	3°48	11°17	14° 5	0° 6	4°11	5°40	2°47	1°52	13° 2	n.a.	M13
T 14	12 19 52	5°58'04	11♋18	18°20	21° 9	3°42	11°11	14°11	0° 5	4°13	5°41	2°D47	1°49	13° 9	n.a.	T 14
W15	12 23 49	6°55'20	23°22	20° 8	20°41	3°35	11° 5	14°16	0° 4	4°14	5°42	2°47	1°46	13°16	n.a.	W15
T 16	12 27 45	7°52'35	5♌40	21°59	20°12	3°28	10°58	14°22	0° 3	4°16	5°44	2°R47	1°43	13°22	n.a.	T 16
F 17	12 31 42	8°49'49	18°18	23°51	19°41	3°20	10°52	14°28	0° 2	4°17	5°45	2°46	1°40	13°29	n.a.	F 17
S 18	12 35 38	9°47'01	1♍18	25°46	19° 8	3°12	10°46	14°33	0° 1	4°18	5°46	2°43	1°36	13°36	n.a.	S 18
S 19	12 39 35	10°44'13	14°44	27°43	18°34	3° 3	10°41	14°38	29♏59	4°20	5°48	2°38	1°33	13°42	n.a.	S 19
M20	12 43 31	11°41'24	28°34	29°42	17°58	2°53	10°35	14°44	29°58	4°21	5°49	2°30	1°30	13°49	n.a.	M20
T 21	12 47 28	12°38'33	12♎46	1♈43	17°22	2°42	10°29	14°49	29°57	4°23	5°50	2°20	1°27	13°56	n.a.	T 21
W22	12 51 24	13°35'42	27°15	3°46	16°45	2°31	10°24	14°54	29°55	4°24	5°52	2°10	1°24	14° 2	n.a.	W22
T 23	12 55 21	14°32'50	11♏54	5°51	16° 7	2°19	10°19	14°59	29°54	4°26	5°53	2° 0	1°20	14° 9	n.a.	T 23
F 24	12 59 18	15°29'58	26°36	7°57	15°29	2° 6	10°14	15° 4	29°53	4°27	5°54	1°51	1°17	14°16	n.a.	F 24
S 25	13 3 14	16°27'05	11♐13	10° 5	14°52	1°53	10° 9	15° 9	29°51	4°29	5°56	1°45	1°14	14°22	n.a.	S 25
S 26	13 7 11	17°24'12	25°41	12°14	14°14	1°40	10° 4	15°14	29°50	4°31	5°57	1°41	1°11	14°29	n.a.	S 26
M27	13 11 7	18°21'19	9♑54	14°24	13°37	1°25	9°59	15°19	29°48	4°32	5°59	1°40	1° 8	14°36	n.a.	M27
T 28	13 15 4	19°18'25	23°53	16°35	13° 1	1°11	9°55	15°24	29°46	4°34	6° 0	1°40	1° 5	14°43	n.a.	T 28
W29	13 19 0	20°15'32	7♒37	18°46	12°25	0°55	9°50	15°29	29°45	4°36	6° 1	1°40	1° 1	14°49	n.a.	W29
T 30	13 22 57	21♈12'37	21♒ 6	20♈57	11♈51	0♏40	9♍46	15♒33	29♏43	4♊37	6♉ 3	1♌39	0♌58	14♊56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s37	20s35	0n37	14s50	2s46	14n47	5n51	12s12	0n57	8n36	1n49	19s 5	1s52	20s40	0s 3	20n36	0s47	7n57	6s 0	19n40	20n 0	18n42		n.a.
T 2	2 14	18 29	0s37	14 23	2 46	14 48	5 51	12 16	0 54	8 39	1 49	19 3	1 52	20 40	0 3	20 36	0 47	7 57	6 0	19 40	20 1	18 43		n.a.
F 3	1 51	15 21	1 48	13 53	2 46	14 48	5 51	12 19	0 52	8 42	1 49	19 2	1 53	20 40	0 3	20 36	0 47	7 58	6 0	19 40	20 2	18 44		n.a.
S 4	1 27	11 28	2 52	13 22	2 45	14 47	5 50	12 22	0 49	8 45	1 49	19 0	1 53	20 40	0 3	20 36	0 47	7 58	5 59	19 41	20 2	18 46		n.a.
S 5	1 4	7 4	3 45	12 49	2 43	14 44	5 49	12 25	0 47	8 47	1 49	18 58	1 53	20 40	0 3	20 37	0 47	7 59	5 59	19 43	20 3	18 47		n.a.
M 6	0 41	2 25	4 26	12 15	2 41	14 40	5 47	12 27	0 44	8 50	1 48	18 57	1 53	20 40	0 3	20 37	0 47	8 0	5 59	19 45	20 4	18 49		n.a.
T 7	0 18	2n15	4 52	11 38	2 38	14 34	5 45	12 30	0 41	8 53	1 48	18 55	1 53	20 40	0 3	20 37	0 47	8 0	5 59	19 47	20 4	18 50		n.a.
W 8	0n 6	6 44	5 4	11 0	2 35	14 27	5 42	12 32	0 39	8 55	1 48	18 53	1 53	20 39	0 3	20 37	0 47	8 1	5 59	19 50	20 5	18 52		n.a.
T 9	0 29	10 52	5 1	10 20	2 31	14 18	5 39	12 34	0 36	8 58	1 48	18 52	1 54	20 39	0 3	20 38	0 47	8 1	5 59	19 52	20 6	18 53		n.a.
F 10	0 52	14 29	4 45	9 38	2 26	14 8	5 35	12 36	0 33	9 0	1 48	18 50	1 54	20 39	0 3	20 38	0 47	8 2	5 59	19 54	20 7	18 54		n.a.
S 11	1 15	17 29	4 17	8 55	2 21	13 57	5 31	12 37	0 30	9 3	1 48	18 49	1 54	20 39	0 3	20 38	0 47	8 2	5 58	19 55	20 7	18 56		n.a.
S 12	1 39	19 44	3 37	8 10	2 15	13 44	5 25	12 39	0 27	9 5	1 47	18 47	1 54	20 39	0 3	20 39	0 47	8 3	5 58	19 56	20 8	18 57		n.a.
M13	2 2	21 7	2 49	7 23	2 9	13 30	5 20	12 40	0 24	9 7	1 47	18 46	1 54	20 38	0 3	20 39	0 47	8 3	5 58	19 56	20 9	18 59		n.a.
T 14	2 25	21 34	1 52	6 34	2 2	13 14	5 13	12 41	0 21	9 10	1 47	18 44	1 55	20 38	0 3	20 39	0 47	8 4	5 58	19 56	20 10	19 0		n.a.
W15	2 48	21 2	0 50	5 44	1 55	12 57	5 6	12 42	0 17	9 12	1 47	18 43	1 55	20 38	0 3	20 39	0 47	8 4	5 58	19 56	20 10	19 2		n.a.
T 16	3 11	19 29	0n15	4 53	1 47	12 38	4 59	12 42	0 14	9 14	1 47	18 41	1 55	20 38	0 3	20 40	0 47	8 5	5 58	19 56	20 11	19 3		n.a.
F 17	3 34	16 57	1 22	4 0	1 39	12 19	4 50	12 43	0 11	9 16	1 46	18 40	1 55	20 37	0 3	20 40	0 47	8 5	5 58	19 56	20 12	19 4		n.a.
S 18	3 57	13 29	2 26	3 5	1 30	11 58	4 41	12 43	0 7	9 18	1 46	18 38	1 56	20 37	0 3	20 40	0 47	8 6	5 58	19 57	20 12	19 6		n.a.
S 19	4 20	9 15	3 24	2 10	1 21	11 35	4 32	12 43	0 4	9 21	1 46	18 37	1 56	20 37	0 3	20 41	0 47	8 6	5 58	19 58	20 13	19 7		n.a.
M20	4 43	4 25	4 11	1 13	1 12	11 12	4 22	12 43	0s 0	9 23	1 46	18 35	1 56	20 37	0 3	20 41	0 47	8 7	5 57	20 0	20 14	19 9		n.a.
T 21	5 6	0s47	4 45	0 15	1 2	10 48	4 11	12 43	0 4	9 24	1 46	18 34	1 56	20 36	0 3	20 41	0 47	8 8	5 57	20 2	20 15	19 10		n.a.
W22	5 28	6 2	5 1	0n44	0 52	10 23	4 0	12 42	0 7	9 26	1 45	18 33	1 56	20 36	0 3	20 42	0 47	8 8	5 57	20 5	20 15	19 11		n.a.
T 23	5 51	11 0	4 57	1 44	0 41	9 58	3 48	12 42	0 11	9 28	1 45	18 31	1 57	20 36	0 3	20 42	0 47	8 9	5 57	20 7	20 16	19 13		n.a.
F 24	6 13	15 21	4 35	2 45	0 31	9 31	3 36	12 41	0 15	9 30	1 45	18 30	1 57	20 36	0 3	20 42	0 47	8 9	5 57	20 9	20 17	19 14		n.a.
S 25	6 36	18 43	3 54	3 46	0 20	9 5	3 23	12 40	0 19	9 32	1 45	18 29	1 57	20 35	0 3	20 43	0 47	8 10	5 57	20 10	20 17	19 15		n.a.
S 26	6 58	20 53	2 58	4 47	0 10	8 38	3 10	12 39	0 23	9 33	1 44	18 27	1 57	20 35	0 3	20 43	0 46	8 10	5 57	20 11	20 18	19 17		n.a.
M27	7 20	21 41	1 53	5 48	0n 1	8 11	2 57	12 37	0 27	9 35	1 44	18 26	1 58	20 35	0 3	20 43	0 46	8 11	5 57	20 12	20 19	19 18		n.a.
T 28	7 42	21 6	0 41	6 49	0 12	7 44	2 43	12 36	0 30	9 36	1 44	18 25	1 58	20 34	0 3	20 44	0 46	8 11	5 57	20 12	20 20	19 20		n.a.
W29	8 4	19 15	0s31	7 50	0 22	7 17	2 30	12 34	0 34	9 38	1 44	18 24	1 58	20 34	0 4	20 44	0 46	8 12	5 57	20 12	20 20	19 21		n.a.
T 30	8n26	16s21	1s41	8n50	0n32	6n51	2n16	12s32	0s39	9n39	1n43	18s23	1s58	20s34	0s 4	20n44	0s46	8n12	5s56	20n12	20n21	19n22		n.a.

Julian Day Number = 976403.5, Delta T = 13h19m06s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'34, Lahiri = -32°04'34 Julian Calendar 1 Apr. 2040 BCE == Greg. Calendar 15 March 2040 BCE

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

MAY 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 26 54	22♈ 9'43	4♓23	23♈ 9	11°R18	0°R24	9°R42	15♒38	29°R41	4♊39	6♉ 4	1°R35	0♌55	15♊ 3	n.a.	F 1
S 2	13 30 50	23° 6'48	17°27	25°20	10♈47	0♏ 7	9♍38	15°42	29♏40	4°41	6° 6	1♌29	0°52	15° 9	n.a.	S 2
S 3	13 34 47	24° 3'53	0♈20	27°30	10°17	29♎50	9°34	15°47	29°38	4°43	6° 7	1°21	0°49	15°16	n.a.	S 3
M 4	13 38 43	25° 0'58	13° 2	29°40	9°49	29°33	9°31	15°51	29°36	4°44	6° 9	1° 9	0°46	15°23	n.a.	M 4
T 5	13 42 40	25°58'03	25°33	1♉48	9°23	29°16	9°27	15°55	29°34	4°46	6°10	0°57	0°42	15°29	n.a.	T 5
W 6	13 46 36	26°55'07	7♉53	3°56	8°59	28°58	9°24	15°59	29°32	4°48	6°11	0°43	0°39	15°36	n.a.	W 6
T 7	13 50 33	27°52'11	20° 2	6° 2	8°38	28°40	9°21	16° 3	29°30	4°50	6°13	0°31	0°36	15°43	n.a.	T 7
F 8	13 54 29	28°49'15	2♊ 2	8° 6	8°18	28°23	9°18	16° 7	29°28	4°52	6°14	0°20	0°33	15°49	n.a.	F 8
S 9	13 58 26	29°46'18	13°55	10° 9	8° 1	28° 5	9°15	16°11	29°26	4°54	6°16	0°11	0°30	15°56	n.a.	S 9
S 10	14 2 23	0♉43'21	25°44	12°10	7°46	27°47	9°13	16°15	29°24	4°55	6°17	0° 5	0°26	16° 3	n.a.	S 10
M11	14 6 19	1°40'24	7♋33	14° 9	7°34	27°29	9°11	16°19	29°22	4°57	6°19	0° 2	0°23	16° 9	n.a.	M11
T 12	14 10 16	2°37'26	19°26	16° 6	7°24	27°11	9° 8	16°22	29°20	4°59	6°20	0° 0	0°20	16°16	n.a.	T 12
W13	14 14 12	3°34'28	1♌28	18° 1	7°16	26°53	9° 6	16°26	29°18	5° 1	6°22	0° 0	0°17	16°23	n.a.	W13
T 14	14 18 9	4°31'30	13°45	19°54	7°11	26°36	9° 4	16°29	29°16	5° 3	6°23	0° 0	0°14	16°29	n.a.	T 14
F 15	14 22 5	5°28'31	26°22	21°45	7° 8	26°18	9° 3	16°33	29°14	5° 5	6°25	29♋59	0°11	16°36	n.a.	F 15
S 16	14 26 2	6°25'33	9♍23	23°33	7°D 7	26° 1	9° 1	16°36	29°12	5° 7	6°26	29°56	0° 7	16°43	n.a.	S 16
S 17	14 29 58	7°22'34	22°52	25°20	7° 9	25°44	9° 0	16°39	29°10	5° 9	6°27	29°50	0° 4	16°50	n.a.	S 17
M18	14 33 55	8°19'34	6♎49	27° 5	7°13	25°28	8°59	16°42	29° 8	5°11	6°29	29°42	0° 1	16°56	n.a.	M18
T 19	14 37 52	9°16'35	21°13	28°47	7°19	25°12	8°58	16°45	29° 5	5°13	6°30	29°32	29♋58	17° 3	n.a.	T 19
W20	14 41 48	10°13'36	5♏59	0♊28	7°27	24°56	8°57	16°48	29° 3	5°15	6°32	29°22	29°55	17°10	n.a.	W20
T 21	14 45 45	11°10'38	20°59	2° 6	7°38	24°41	8°57	16°51	29° 1	5°17	6°33	29°11	29°51	17°16	n.a.	T 21
F 22	14 49 41	12° 7'39	6♐ 3	3°43	7°50	24°26	8°56	16°54	28°59	5°19	6°35	29° 2	29°48	17°23	n.a.	F 22
S 23	14 53 38	13° 4'41	21° 1	5°17	8° 5	24°12	8°56	16°56	28°56	5°21	6°36	28°56	29°45	17°30	n.a.	S 23
S 24	14 57 34	14° 1'44	5♑46	6°49	8°22	23°59	8°D56	16°59	28°54	5°24	6°38	28°52	29°42	17°36	n.a.	S 24
M25	15 1 31	14°58'47	20°12	8°19	8°40	23°46	8°56	17° 1	28°52	5°26	6°39	28°50	29°39	17°43	n.a.	M25
T 26	15 5 28	15°55'51	4♒17	9°46	9° 0	23°33	8°57	17° 3	28°50	5°28	6°41	28°D50	29°36	17°50	n.a.	T 26
W27	15 9 24	16°52'56	18° 1	11°12	9°22	23°21	8°57	17° 6	28°47	5°30	6°42	28°R50	29°32	17°56	n.a.	W27
T 28	15 13 21	17°50'01	1♓24	12°35	9°46	23°10	8°58	17° 8	28°45	5°32	6°43	28°50	29°29	18° 3	n.a.	T 28
F 29	15 17 17	18°47'07	14°30	13°56	10°11	23° 0	8°59	17°10	28°43	5°34	6°45	28°47	29°26	18°10	n.a.	F 29
S 30	15 21 14	19°44'14	27°20	15°15	10°38	22°50	9° 0	17°12	28°40	5°36	6°46	28°42	29°23	18°16	n.a.	S 30
S 31	15 25 10	20♉41'21	9♈58	16♊31	11♈ 7	22♎41	9♍ 1	17♒13	28♏38	5♊38	6♉48	28♋34	29♋20	18♊23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n48	12s38	2s44	9n49	0n42	6n25	2n 2	12s30	0s43	9n40	1n43	18s21	1s58	20s33	0s 4	20n45	0s46	8n13	5s56	20n13	20n22	19n24		n.a.
S 2	9 10	8 22	3 37	10 47	0 51	6 0	1 48	12 28	0 47	9 42	1 43	18 20	1 59	20 33	0 4	20 45	0 46	8 14	5 56	20 14	20 22	19 25		n.a.
S 3	9 31	3 48	4 18	11 44	1 0	5 35	1 34	12 26	0 51	9 43	1 42	18 19	1 59	20 32	0 4	20 45	0 46	8 14	5 56	20 16	20 23	19 26		n.a.
M 4	9 52	0n53	4 45	12 39	1 9	5 11	1 20	12 23	0 55	9 44	1 42	18 18	1 59	20 32	0 4	20 46	0 46	8 15	5 56	20 18	20 24	19 28		n.a.
T 5	10 14	5 27	4 59	13 33	1 17	4 48	1 6	12 21	0 59	9 45	1 42	18 17	1 59	20 32	0 4	20 46	0 46	8 15	5 56	20 21	20 25	19 29		n.a.
W 6	10 35	9 44	4 58	14 24	1 25	4 26	0 53	12 18	1 3	9 46	1 42	18 16	2 0	20 31	0 4	20 46	0 46	8 16	5 56	20 24	20 25	19 30		n.a.
T 7	10 56	13 34	4 43	15 14	1 31	4 5	0 40	12 16	1 7	9 47	1 41	18 15	2 0	20 31	0 4	20 47	0 46	8 16	5 56	20 27	20 26	19 32		n.a.
F 8	11 16	16 49	4 16	16 2	1 38	3 46	0 26	12 13	1 11	9 48	1 41	18 14	2 0	20 30	0 4	20 47	0 46	8 17	5 56	20 30	20 27	19 33		n.a.
S 9	11 37	19 20	3 38	16 47	1 43	3 27	0 14	12 10	1 15	9 49	1 41	18 13	2 0	20 30	0 4	20 47	0 46	8 17	5 56	20 31	20 27	19 34		n.a.
S 10	11 57	21 1	2 51	17 31	1 48	3 10	0 1	12 7	1 19	9 49	1 40	18 12	2 1	20 30	0 4	20 48	0 46	8 18	5 56	20 33	20 28	19 36		n.a.
M11	12 18	21 47	1 56	18 12	1 53	2 53	0s11	12 5	1 23	9 50	1 40	18 11	2 1	20 29	0 4	20 48	0 46	8 18	5 56	20 33	20 29	19 37		n.a.
T 12	12 38	21 34	0 56	18 50	1 56	2 39	0 23	12 2	1 27	9 50	1 40	18 10	2 1	20 29	0 4	20 49	0 46	8 19	5 56	20 34	20 29	19 38		n.a.
W13	12 58	20 22	0n 8	19 27	1 59	2 25	0 35	11 59	1 31	9 51	1 39	18 10	2 2	20 28	0 4	20 49	0 46	8 20	5 56	20 34	20 30	19 40		n.a.
T 14	13 17	18 11	1 12	20 1	2 1	2 13	0 46	11 56	1 35	9 51	1 39	18 9	2 2	20 28	0 4	20 49	0 46	8 20	5 55	20 34	20 31	19 41		n.a.
F 15	13 37	15 5	2 15	20 33	2 3	2 2	0 56	11 53	1 39	9 52	1 39	18 8	2 2	20 27	0 4	20 50	0 46	8 21	5 55	20 34	20 31	19 42		n.a.
S 16	13 56	11 10	3 12	21 2	2 4	1 52	1 7	11 50	1 43	9 52	1 39	18 7	2 2	20 27	0 4	20 50	0 46	8 21	5 55	20 35	20 32	19 44		n.a.
S 17	14 15	6 34	4 1	21 30	2 4	1 43	1 17	11 48	1 47	9 52	1 38	18 6	2 3	20 26	0 4	20 51	0 46	8 22	5 55	20 36	20 33	19 45		n.a.
M18	14 34	1 29	4 38	21 55	2 4	1 36	1 26	11 45	1 50	9 52	1 38	18 6	2 3	20 26	0 4	20 51	0 46	8 22	5 55	20 38	20 34	19 46		n.a.
T 19	14 53	3s51	4 58	22 18	2 3	1 30	1 36	11 42	1 54	9 52	1 38	18 5	2 3	20 25	0 4	20 51	0 46	8 23	5 55	20 40	20 34	19 47		n.a.
W20	15 11	9 5	4 59	22 38	2 1	1 25	1 44	11 40	1 58	9 52	1 37	18 4	2 3	20 25	0 4	20 52	0 46	8 23	5 55	20 42	20 35	19 49		n.a.
T 21	15 29	13 52	4 40	22 57	1 59	1 22	1 53	11 37	2 1	9 52	1 37	18 4	2 4	20 24	0 4	20 52	0 46	8 24	5 55	20 44	20 36	19 50		n.a.
F 22	15 47	17 48	4 1	23 13	1 56	1 20	2 1	11 35	2 5	9 52	1 37	18 3	2 4	20 24	0 4	20 52	0 46	8 24	5 55	20 46	20 36	19 51		n.a.
S 23	16 5	20 31	3 6	23 28	1 53	1 18	2 9	11 33	2 8	9 52	1 36	18 3	2 4	20 23	0 4	20 53	0 46	8 25	5 55	20 47	20 37	19 53		n.a.
S 24	16 22	21 49	1 59	23 41	1 49	1 18	2 16	11 31	2 11	9 52	1 36	18 2	2 5	20 23	0 4	20 53	0 46	8 25	5 55	20 48	20 38	19 54		n.a.
M25	16 40	21 37	0 46	23 51	1 44	1 19	2 23	11 29	2 15	9 51	1 36	18 2	2 5	20 22	0 4	20 54	0 46	8 26	5 55	20 49	20 38	19 55		n.a.
T 26	16 56	20 3	0s29	24 0	1 39	1 21	2 29	11 27	2 18	9 51	1 35	18 1	2 5	20 22	0 4	20 54	0 46	8 26	5 55	20 49	20 39	19 56		n.a.
W27	17 13	17 19	1 40	24 7	1 34	1 25	2 36	11 26	2 21	9 50	1 35	18 1	2 5	20 21	0 4	20 54	0 46	8 27	5 55	20 49	20 40	19 58		n.a.
T 28	17 30	13 44	2 44	24 13	1 28	1 29	2 42	11 24	2 24	9 50	1 35	18 0	2 6	20 21	0 4	20 55	0 46	8 27	5 55	20 49	20 40	19 59		n.a.
F 29	17 46	9 33	3 38	24 17	1 21	1 34	2 47	11 23	2 27	9 49	1 34	18 0	2 6	20 20	0 4	20 55	0 46	8 28	5 55	20 49	20 41	20 0		n.a.
S 30	18 2	5 1	4 19	24 19	1 14	1 40	2 52	11 22	2 30	9 48	1 34	18 0	2 6	20 20	0 4	20 56	0 46	8 28	5 55	20 50	20 42	20 1		n.a.
S 31	18n17	0s22	4s47	24n19	1n 6	1n47	2s57	11s21	2s32	9n48	1n34	17s59	2s 6	20s19	0s 4	20n56	0s46	8n29	5s55	20n52	20n42	20n 3		n.a.

Julian Day Number = 976433.5, Delta T = 13h19m04s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'30, Lahiri = -32°04'30 Julian Calendar 1 May 2040 BCE == Greg. Calendar 14 Apr. 2040 BCE

The year -2039 astronomical counting style corresponds to year 2040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

JUNE 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 29 7	21♉38'30	22♈23	17♊45	11♈37	22°R33	9♍ 2	17♒15	28°R35	5♊41	6♉49	28°R25	29♋17	18♊30	n.a.	M 1
T 2	15 33 4	22°35'39	4♉40	18°57	12° 8	22♎25	9° 4	17°17	28♏33	5°43	6°51	28♋13	29°13	18°36	n.a.	T 2
W 3	15 37 0	23°32'49	16°47	20° 6	12°41	22°18	9° 6	17°18	28°31	5°45	6°52	28° 1	29°10	18°43	n.a.	W 3
T 4	15 40 57	24°30'00	28°47	21°12	13°15	22°13	9° 8	17°20	28°28	5°47	6°53	27°50	29° 7	18°50	n.a.	T 4
F 5	15 44 53	25°27'11	10♊41	22°16	13°51	22° 7	9°10	17°21	28°26	5°49	6°55	27°40	29° 4	18°56	n.a.	F 5
S 6	15 48 50	26°24'23	22°31	23°17	14°27	22° 3	9°12	17°22	28°23	5°52	6°56	27°33	29° 1	19° 3	n.a.	S 6
S 7	15 52 46	27°21'36	4♋18	24°15	15° 5	22° 0	9°15	17°23	28°21	5°54	6°58	27°28	28°57	19°10	n.a.	S 7
M 8	15 56 43	28°18'50	16° 7	25° 9	15°44	21°57	9°17	17°24	28°19	5°56	6°59	27°25	28°54	19°17	n.a.	M 8
T 9	16 0 39	29°16'04	28° 0	26° 1	16°24	21°55	9°20	17°25	28°16	5°58	7° 0	27°D24	28°51	19°23	n.a.	T 9
W10	16 4 36	0♊13'19	10♌ 2	26°50	17° 5	21°55	9°23	17°26	28°14	6° 0	7° 2	27°25	28°48	19°30	n.a.	W10
T 11	16 8 33	1°10'34	22°17	27°35	17°47	21°D55	9°26	17°27	28°11	6° 3	7° 3	27°26	28°45	19°37	n.a.	T 11
F 12	16 12 29	2° 7'51	4♍52	28°16	18°30	21°55	9°30	17°27	28° 9	6° 5	7° 4	27°R26	28°42	19°43	n.a.	F 12
S 13	16 16 26	3° 5'07	17°50	28°54	19°13	21°57	9°33	17°28	28° 7	6° 7	7° 6	27°25	28°38	19°50	n.a.	S 13
S 14	16 20 22	4° 2'25	1♎15	29°27	19°58	21°59	9°37	17°28	28° 4	6° 9	7° 7	27°22	28°35	19°57	n.a.	S 14
M15	16 24 19	4°59'43	15° 9	29°57	20°44	22° 3	9°41	17°28	28° 2	6°12	7° 8	27°17	28°32	20° 3	n.a.	M15
T 16	16 28 15	5°57'03	29°33	0♋22	21°30	22° 7	9°45	17°28	28° 0	6°14	7°10	27°10	28°29	20°10	n.a.	T 16
W17	16 32 12	6°54'23	14♏21	0°43	22°18	22°12	9°49	17°R28	27°57	6°16	7°11	27° 3	28°26	20°17	n.a.	W17
T 18	16 36 9	7°51'44	29°27	0°59	23° 6	22°17	9°53	17°28	27°55	6°18	7°12	26°56	28°23	20°23	n.a.	T 18
F 19	16 40 5	8°49'07	14♐42	1°11	23°55	22°24	9°58	17°28	27°52	6°20	7°14	26°49	28°19	20°30	n.a.	F 19
S 20	16 44 2	9°46'30	29°55	1°17	24°44	22°31	10° 2	17°28	27°50	6°23	7°15	26°45	28°16	20°37	n.a.	S 20
S 21	16 47 58	10°43'56	14♑55	1°R18	25°34	22°39	10° 7	17°27	27°48	6°25	7°16	26°43	28°13	20°43	n.a.	S 21
M22	16 51 55	11°41'22	29°36	1°14	26°25	22°48	10°12	17°27	27°45	6°27	7°17	26°D42	28°10	20°50	n.a.	M22
T 23	16 55 51	12°38'50	13♒54	1° 4	27°17	22°58	10°17	17°26	27°43	6°29	7°19	26°43	28° 7	20°57	n.a.	T 23
W24	16 59 48	13°36'20	27°45	0°49	28° 9	23° 8	10°23	17°26	27°41	6°32	7°20	26°44	28° 3	21° 3	n.a.	W24
T 25	17 3 44	14°33'51	11♓12	0°29	29° 2	23°19	10°28	17°25	27°39	6°34	7°21	26°R45	28° 0	21°10	n.a.	T 25
F 26	17 7 41	15°31'24	24°17	0° 4	29°56	23°31	10°34	17°24	27°36	6°36	7°22	26°45	27°57	21°17	n.a.	F 26
S 27	17 11 38	16°28'59	7♈ 1	29♊33	0♉50	23°43	10°39	17°23	27°34	6°38	7°23	26°43	27°54	21°23	n.a.	S 27
S 28	17 15 34	17°26'35	19°30	28°58	1°44	23°56	10°45	17°22	27°32	6°40	7°25	26°39	27°51	21°30	n.a.	S 28
M29	17 19 31	18°24'13	1♉46	28°19	2°40	24°10	10°51	17°21	27°30	6°43	7°26	26°34	27°48	21°37	n.a.	M29
T 30	17 23 27	19♊21'52	13♉51	27♊35	3♉35	24♎25	10♍57	17♒19	27♏28	6♊45	7♉27	26♋27	27♋44	21♊43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n33	4n15	5s 1	24n19	0n58	1n54	3s 2	11s20	2s35	9n47	1n33	17s59	2s 7	20s19	0s 4	20n57	0s46	8n29	5s55	20n54	20n43	20n 4		n.a.
T 2	18 48	8 37	5 1	24 17	0 49	2 3	3 6	11 20	2 38	9 46	1 33	17 59	2 7	20 18	0 4	20 57	0 46	8 30	5 55	20 56	20 44	20 5		n.a.
W 3	19 2	12 37	4 47	24 13	0 40	2 12	3 10	11 19	2 40	9 45	1 33	17 59	2 7	20 18	0 4	20 57	0 46	8 30	5 55	20 59	20 44	20 6		n.a.
T 4	19 17	16 4	4 20	24 8	0 31	2 22	3 14	11 19	2 43	9 44	1 32	17 59	2 8	20 17	0 4	20 58	0 46	8 31	5 55	21 1	20 45	20 8		n.a.
F 5	19 31	18 50	3 43	24 3	0 21	2 33	3 17	11 20	2 45	9 43	1 32	17 59	2 8	20 17	0 4	20 58	0 46	8 31	5 55	21 3	20 46	20 9		n.a.
S 6	19 45	20 48	2 55	23 56	0 10	2 44	3 21	11 20	2 47	9 42	1 32	17 58	2 8	20 16	0 4	20 59	0 46	8 32	5 55	21 5	20 46	20 10		n.a.
S 7	19 58	21 51	2 0	23 48	0s 0	2 56	3 23	11 21	2 49	9 40	1 31	17 58	2 8	20 16	0 4	20 59	0 45	8 32	5 55	21 6	20 47	20 11		n.a.
M 8	20 11	21 56	1 0	23 39	0 11	3 9	3 26	11 22	2 51	9 39	1 31	17 58	2 9	20 15	0 4	20 59	0 45	8 32	5 55	21 6	20 48	20 12		n.a.
T 9	20 24	21 2	0n 3	23 29	0 23	3 22	3 29	11 23	2 53	9 38	1 31	17 58	2 9	20 15	0 4	21 0	0 45	8 33	5 55	21 6	20 48	20 14		n.a.
W10	20 37	19 10	1 7	23 19	0 35	3 36	3 31	11 24	2 55	9 36	1 30	17 58	2 9	20 14	0 4	21 0	0 45	8 33	5 55	21 6	20 49	20 15		n.a.
T 11	20 49	16 24	2 10	23 7	0 47	3 51	3 33	11 26	2 57	9 35	1 30	17 58	2 10	20 14	0 4	21 1	0 45	8 34	5 55	21 6	20 50	20 16		n.a.
F 12	21 1	12 49	3 7	22 56	0 59	4 6	3 34	11 28	2 59	9 33	1 30	17 58	2 10	20 13	0 4	21 1	0 45	8 34	5 55	21 6	20 50	20 17		n.a.
S 13	21 12	8 32	3 57	22 43	1 12	4 21	3 36	11 30	3 1	9 31	1 30	17 59	2 10	20 12	0 4	21 1	0 45	8 35	5 55	21 6	20 51	20 18		n.a.
S 14	21 23	3 42	4 36	22 31	1 25	4 37	3 37	11 33	3 2	9 30	1 29	17 59	2 11	20 12	0 4	21 2	0 45	8 35	5 55	21 7	20 52	20 20		n.a.
M15	21 34	1s29	5 0	22 18	1 38	4 54	3 38	11 35	3 4	9 28	1 29	17 59	2 11	20 11	0 4	21 2	0 45	8 35	5 55	21 8	20 52	20 21		n.a.
T 16	21 44	6 46	5 7	22 4	1 51	5 10	3 39	11 38	3 5	9 26	1 29	17 59	2 11	20 11	0 4	21 3	0 45	8 36	5 55	21 9	20 53	20 22		n.a.
W17	21 54	11 48	4 53	21 51	2 5	5 28	3 40	11 41	3 7	9 24	1 28	17 59	2 11	20 10	0 4	21 3	0 45	8 36	5 55	21 11	20 54	20 23		n.a.
T 18	22 4	16 13	4 20	21 37	2 18	5 45	3 40	11 45	3 8	9 22	1 28	18 0	2 12	20 10	0 4	21 3	0 45	8 37	5 55	21 12	20 54	20 24		n.a.
F 19	22 13	19 36	3 27	21 24	2 31	6 3	3 41	11 48	3 9	9 20	1 28	18 0	2 12	20 9	0 4	21 4	0 45	8 37	5 55	21 13	20 55	20 26		n.a.
S 20	22 22	21 36	2 20	21 11	2 45	6 21	3 41	11 52	3 10	9 18	1 27	18 0	2 12	20 9	0 4	21 4	0 45	8 38	5 55	21 14	20 56	20 27		n.a.
S 21	22 31	22 1	1 3	20 58	2 58	6 40	3 41	11 56	3 11	9 16	1 27	18 1	2 13	20 8	0 4	21 5	0 45	8 38	5 55	21 14	20 56	20 28		n.a.
M22	22 39	20 54	0s16	20 45	3 10	6 59	3 40	12 1	3 13	9 14	1 27	18 1	2 13	20 8	0 4	21 5	0 45	8 38	5 55	21 15	20 57	20 29		n.a.
T 23	22 46	18 27	1 32	20 33	3 23	7 18	3 40	12 5	3 14	9 12	1 26	18 2	2 13	20 7	0 4	21 5	0 45	8 39	5 55	21 14	20 58	20 30		n.a.
W24	22 54	15 0	2 40	20 21	3 34	7 37	3 40	12 10	3 14	9 9	1 26	18 2	2 13	20 7	0 4	21 6	0 45	8 39	5 55	21 14	20 58	20 31		n.a.
T 25	23 1	10 51	3 38	20 10	3 45	7 57	3 39	12 15	3 15	9 7	1 26	18 3	2 14	20 6	0 4	21 6	0 45	8 39	5 55	21 14	20 59	20 33		n.a.
F 26	23 7	6 19	4 22	20 0	3 55	8 17	3 38	12 20	3 16	9 4	1 26	18 3	2 14	20 6	0 4	21 7	0 45	8 40	5 55	21 14	21 0	20 34		n.a.
S 27	23 13	1 37	4 52	19 51	4 5	8 37	3 37	12 26	3 17	9 2	1 25	18 4	2 14	20 5	0 4	21 7	0 45	8 40	5 55	21 14	21 0	20 35		n.a.
S 28	23 19	3n 2	5 8	19 43	4 13	8 57	3 36	12 31	3 18	8 59	1 25	18 4	2 15	20 5	0 4	21 7	0 45	8 40	5 55	21 15	21 1	20 36		n.a.
M29	23 24	7 30	5 9	19 36	4 19	9 17	3 35	12 37	3 18	8 57	1 25	18 5	2 15	20 4	0 4	21 8	0 45	8 41	5 55	21 16	21 2	20 37		n.a.
T 30	23n29	11n37	4s56	19n30	4s25	9n38	3s33	12s43	3s19	8n54	1n24	18s 6	2s15	20s 4	0s 4	21n 8	0s45	8n41	5s55	21n17	21n 2	20n38		n.a.

Julian Day Number = 976464.5, Delta T = 13h19m02s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'26, Lahiri = -32°04'25 Julian Calendar 1 June 2040 BCE == Greg. Calendar 15 May 2040 BCE

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

JULY 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 27 24	20♊19'34	25♉50	26°R49	4♉31	24♎40	11♍ 4	17°R18	27°R25	6♊47	7♉28	26°R21	27♋41	21♊50	n.a.	W 1
T 2	17 31 20	21°17'17	7♊43	26♊ 0	5°28	24°56	11°10	17♒16	27♏23	6°49	7°29	26♋14	27°38	21°57	n.a.	T 2
F 3	17 35 17	22°15'01	19°33	25° 9	6°25	25°13	11°17	17°15	27°21	6°51	7°30	26° 9	27°35	22° 3	n.a.	F 3
S 4	17 39 13	23°12'48	1♋21	24°17	7°23	25°30	11°24	17°13	27°19	6°53	7°31	26° 5	27°32	22°10	n.a.	S 4
S 5	17 43 10	24°10'36	13°10	23°26	8°21	25°48	11°31	17°11	27°17	6°56	7°32	26° 3	27°29	22°17	n.a.	S 5
M 6	17 47 7	25° 8'25	25° 2	22°36	9°19	26° 6	11°38	17° 9	27°15	6°58	7°33	26°D 2	27°25	22°23	n.a.	M 6
T 7	17 51 3	26° 6'16	7♌ 0	21°49	10°18	26°25	11°45	17° 7	27°13	7° 0	7°34	26° 2	27°22	22°30	n.a.	T 7
W 8	17 55 0	27° 4'09	19° 6	21° 4	11°17	26°45	11°52	17° 5	27°11	7° 2	7°36	26° 4	27°19	22°37	n.a.	W 8
T 9	17 58 56	28° 2'03	1♍26	20°24	12°17	27° 5	11°59	17° 3	27° 9	7° 4	7°37	26° 5	27°16	22°43	n.a.	T 9
F 10	18 2 53	28°59'58	14° 1	19°50	13°17	27°26	12° 7	17° 1	27° 7	7° 6	7°38	26° 7	27°13	22°50	n.a.	F 10
S 11	18 6 49	29°57'55	26°57	19°21	14°17	27°47	12°15	16°58	27° 5	7° 8	7°38	26°R 8	27° 9	22°57	n.a.	S 11
S 12	18 10 46	0♋55'54	10♎17	18°59	15°18	28° 9	12°23	16°56	27° 3	7°10	7°39	26° 7	27° 6	23° 3	n.a.	S 12
M13	18 14 42	1°53'54	24° 3	18°44	16°19	28°32	12°31	16°53	27° 1	7°12	7°40	26° 6	27° 3	23°10	n.a.	M13
T 14	18 18 39	2°51'55	8♏16	18°D36	17°20	28°54	12°39	16°51	27° 0	7°14	7°41	26° 4	27° 0	23°17	n.a.	T 14
W15	18 22 36	3°49'58	22°53	18°37	18°22	29°18	12°47	16°48	26°58	7°17	7°42	26° 1	26°57	23°23	n.a.	W15
T 16	18 26 32	4°48'03	7♐50	18°46	19°24	29°42	12°55	16°45	26°56	7°19	7°43	25°58	26°54	23°30	n.a.	T 16
F 17	18 30 29	5°46'10	23° 0	19° 4	20°26	0♏ 6	13° 4	16°42	26°54	7°21	7°44	25°56	26°50	23°37	n.a.	F 17
S 18	18 34 25	6°44'18	8♑12	19°29	21°29	0°31	13°12	16°39	26°53	7°23	7°45	25°54	26°47	23°43	n.a.	S 18
S 19	18 38 22	7°42'29	23°18	20° 3	22°32	0°57	13°21	16°36	26°51	7°25	7°46	25°D53	26°44	23°50	n.a.	S 19
M20	18 42 18	8°40'41	8♒ 8	20°45	23°35	1°22	13°30	16°33	26°50	7°27	7°46	25°54	26°41	23°57	n.a.	M20
T 21	18 46 15	9°38'56	22°36	21°35	24°39	1°49	13°39	16°29	26°48	7°28	7°47	25°55	26°38	24° 3	n.a.	T 21
W22	18 50 11	10°37'12	6♓38	22°32	25°43	2°15	13°48	16°26	26°46	7°30	7°48	25°56	26°35	24°10	n.a.	W22
T 23	18 54 8	11°35'31	20°13	23°37	26°47	2°42	13°57	16°23	26°45	7°32	7°49	25°57	26°31	24°17	n.a.	T 23
F 24	18 58 5	12°33'52	3♈23	24°48	27°51	3°10	14° 6	16°19	26°44	7°34	7°50	25°58	26°28	24°23	n.a.	F 24
S 25	19 2 1	13°32'16	16° 9	26° 5	28°56	3°38	14°15	16°16	26°42	7°36	7°50	25°R58	26°25	24°30	n.a.	S 25
S 26	19 5 58	14°30'41	28°37	27°28	0♊ 1	4° 6	14°25	16°12	26°41	7°38	7°51	25°57	26°22	24°37	n.a.	S 26
M27	19 9 54	15°29'09	10♉48	28°56	1° 6	4°35	14°34	16° 8	26°39	7°40	7°52	25°56	26°19	24°43	n.a.	M27
T 28	19 13 51	16°27'40	22°49	0♋28	2°11	5° 4	14°44	16° 4	26°38	7°42	7°52	25°55	26°15	24°50	n.a.	T 28
W29	19 17 47	17°26'13	4♊42	2° 5	3°17	5°33	14°54	16° 1	26°37	7°44	7°53	25°54	26°12	24°57	n.a.	W29
T 30	19 21 44	18°24'48	16°32	3°45	4°23	6° 3	15° 4	15°57	26°36	7°45	7°54	25°53	26° 9	25° 4	n.a.	T 30
F 31	19 25 40	19♋23'25	28♊20	5♋27	5♊29	6♏33	15♍14	15♒53	26♏35	7♊47	7♉54	25♋52	26♋ 6	25♊10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n34	15n14	4s31	19n25	4s28	9n58	3s32	12s50	3s19	8n51	1n24	18s 7	2s15	20s 3	0s 4	21n 8	0s45	8n41	5s55	21n19	21n 3	20n39			n.a.
T 2	23 38	18 12	3 53	19 22	4 30	10 19	3 30	12 56	3 20	8 49	1 24	18 7	2 16	20 3	0 4	21 9	0 45	8 42	5 55	21 20	21 3	20 41			n.a.
F 3	23 42	20 25	3 6	19 20	4 31	10 40	3 28	13 3	3 20	8 46	1 24	18 8	2 16	20 2	0 4	21 9	0 45	8 42	5 55	21 21	21 4	20 42			n.a.
S 4	23 45	21 44	2 11	19 19	4 29	11 1	3 26	13 9	3 21	8 43	1 23	18 9	2 16	20 2	0 4	21 10	0 45	8 42	5 55	21 22	21 5	20 43			n.a.
S 5	23 48	22 6	1 10	19 21	4 25	11 21	3 24	13 16	3 21	8 40	1 23	18 10	2 16	20 1	0 4	21 10	0 45	8 43	5 55	21 22	21 5	20 44			n.a.
M 6	23 50	21 28	0 5	19 23	4 20	11 42	3 22	13 24	3 21	8 37	1 23	18 10	2 17	20 1	0 4	21 10	0 45	8 43	5 55	21 22	21 6	20 45			n.a.
T 7	23 52	19 52	1n 0	19 28	4 13	12 3	3 20	13 31	3 22	8 34	1 22	18 11	2 17	20 0	0 4	21 11	0 45	8 43	5 56	21 22	21 7	20 46			n.a.
W 8	23 54	17 21	2 3	19 34	4 4	12 24	3 18	13 38	3 22	8 31	1 22	18 12	2 17	20 0	0 4	21 11	0 45	8 44	5 56	21 22	21 7	20 47			n.a.
T 9	23 55	14 1	3 2	19 42	3 53	12 45	3 15	13 46	3 22	8 28	1 22	18 13	2 18	19 59	0 4	21 11	0 45	8 44	5 56	21 22	21 8	20 48			n.a.
F 10	23 55	10 0	3 54	19 51	3 41	13 5	3 13	13 54	3 22	8 24	1 22	18 14	2 18	19 59	0 4	21 12	0 45	8 44	5 56	21 21	21 9	20 49			n.a.
S 11	23 56	5 26	4 35	20 3	3 28	13 26	3 10	14 2	3 22	8 21	1 21	18 15	2 18	19 58	0 4	21 12	0 45	8 44	5 56	21 21	21 9	20 50			n.a.
S 12	23 55	0 29	5 3	20 15	3 13	13 46	3 7	14 10	3 22	8 18	1 21	18 16	2 18	19 58	0 4	21 13	0 45	8 45	5 56	21 21	21 10	20 52			n.a.
M13	23 55	4s39	5 15	20 29	2 58	14 7	3 4	14 18	3 22	8 15	1 21	18 17	2 19	19 58	0 4	21 13	0 45	8 45	5 56	21 22	21 10	20 53			n.a.
T 14	23 54	9 42	5 8	20 45	2 41	14 27	3 2	14 27	3 22	8 11	1 21	18 18	2 19	19 57	0 4	21 13	0 45	8 45	5 56	21 22	21 11	20 54			n.a.
W15	23 52	14 20	4 41	21 1	2 25	14 47	2 59	14 35	3 22	8 8	1 20	18 19	2 19	19 57	0 4	21 14	0 45	8 45	5 56	21 23	21 12	20 55			n.a.
T 16	23 50	18 12	3 55	21 19	2 8	15 7	2 56	14 44	3 22	8 4	1 20	18 20	2 19	19 56	0 4	21 14	0 45	8 46	5 56	21 23	21 12	20 56			n.a.
F 17	23 48	20 53	2 52	21 38	1 51	15 27	2 52	14 53	3 22	8 1	1 20	18 22	2 19	19 56	0 4	21 14	0 45	8 46	5 56	21 24	21 13	20 57			n.a.
S 18	23 45	22 4	1 36	21 57	1 33	15 47	2 49	15 2	3 22	7 57	1 20	18 23	2 20	19 56	0 4	21 15	0 45	8 46	5 56	21 24	21 14	20 58			n.a.
S 19	23 42	21 38	0 14	22 16	1 16	16 6	2 46	15 11	3 22	7 53	1 19	18 24	2 20	19 55	0 4	21 15	0 45	8 46	5 56	21 24	21 14	20 59			n.a.
M20	23 38	19 41	1s 7	22 36	1 0	16 26	2 43	15 20	3 22	7 50	1 19	18 25	2 20	19 55	0 4	21 15	0 45	8 46	5 56	21 24	21 15	21 0			n.a.
T 21	23 34	16 30	2 23	22 56	0 43	16 45	2 39	15 29	3 21	7 46	1 19	18 26	2 20	19 54	0 4	21 16	0 45	8 47	5 56	21 24	21 15	21 1			n.a.
W22	23 29	12 27	3 27	23 15	0 28	17 3	2 36	15 38	3 21	7 42	1 19	18 28	2 21	19 54	0 4	21 16	0 45	8 47	5 56	21 24	21 16	21 2			n.a.
T 23	23 25	7 53	4 18	23 34	0 13	17 22	2 32	15 47	3 21	7 39	1 18	18 29	2 21	19 54	0 4	21 16	0 45	8 47	5 57	21 23	21 17	21 3			n.a.
F 24	23 19	3 5	4 53	23 51	0n 2	17 40	2 29	15 57	3 20	7 35	1 18	18 30	2 21	19 53	0 4	21 17	0 45	8 47	5 57	21 23	21 17	21 4			n.a.
S 25	23 13	1n41	5 12	24 7	0 15	17 58	2 25	16 6	3 20	7 31	1 18	18 32	2 21	19 53	0 4	21 17	0 45	8 47	5 57	21 23	21 18	21 5			n.a.
S 26	23 7	6 17	5 17	24 22	0 28	18 16	2 21	16 16	3 20	7 27	1 18	18 33	2 22	19 53	0 4	21 17	0 45	8 47	5 57	21 23	21 19	21 6			n.a.
M27	23 0	10 31	5 6	24 35	0 40	18 33	2 18	16 25	3 19	7 23	1 17	18 34	2 22	19 53	0 4	21 17	0 45	8 48	5 57	21 23	21 19	21 7			n.a.
T 28	22 53	14 18	4 43	24 46	0 51	18 50	2 14	16 35	3 19	7 19	1 17	18 36	2 22	19 52	0 4	21 18	0 45	8 48	5 57	21 24	21 20	21 8			n.a.
W29	22 46	17 28	4 7	24 55	1 1	19 7	2 10	16 45	3 18	7 15	1 17	18 37	2 22	19 52	0 4	21 18	0 45	8 48	5 57	21 24	21 20	21 9			n.a.
T 30	22 38	19 53	3 21	25 2	1 10	19 23	2 6	16 55	3 18	7 11	1 17	18 38	2 22	19 52	0 4	21 18	0 45	8 48	5 57	21 24	21 21	21 10			n.a.
F 31	22n30	21n28	2s27	25n 6	1n18	19n39	2s 3	17s 4	3s17	7n 7	1n17	18s40	2s22	19s51	0s 4	21n19	0s45	8n48	5s57	21n24	21n22	21n11			n.a.

Julian Day Number = 976494.5, Delta T = 13h19m00s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'22, Lahiri = -32°04'21 Julian Calendar 1 July 2040 BCE == Greg. Calendar 14 June 2040 BCE

The year -2039 astronomical counting style corresponds to year 2040 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

AUGUST 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 29 37	20♋22'05	10♋10	7♋13	6♊35	7♏ 3	15♍24	15°R49	26°R33	7♊49	7♉55	25°R51	26♋ 3	25♊17	n.a.	S 1
S 2	19 33 33	21°20'46	22° 5	9° 0	7°42	7°34	15°34	15♒45	26♏32	7°51	7°55	25°D51	26° 0	25°24	n.a.	S 2
M 3	19 37 30	22°19'30	4♌ 5	10°49	8°48	8° 5	15°44	15°40	26°31	7°52	7°56	25♋51	25°56	25°30	n.a.	M 3
T 4	19 41 27	23°18'16	16°13	12°39	9°55	8°37	15°55	15°36	26°30	7°54	7°56	25°51	25°53	25°37	n.a.	T 4
W 5	19 45 23	24°17'04	28°32	14°30	11° 2	9° 8	16° 5	15°32	26°29	7°56	7°57	25°52	25°50	25°44	n.a.	W 5
T 6	19 49 20	25°15'54	11♍ 2	16°22	12°10	9°41	16°16	15°28	26°29	7°57	7°57	25°52	25°47	25°50	n.a.	T 6
F 7	19 53 16	26°14'46	23°47	18°13	13°17	10°13	16°26	15°23	26°28	7°59	7°58	25°R52	25°44	25°57	n.a.	F 7
S 8	19 57 13	27°13'40	6♎48	20° 5	14°25	10°46	16°37	15°19	26°27	8° 1	7°58	25°52	25°40	26° 4	n.a.	S 8
S 9	20 1 9	28°12'36	20° 7	21°57	15°33	11°19	16°48	15°14	26°26	8° 2	7°58	25°52	25°37	26°10	n.a.	S 9
M10	20 5 6	29°11'34	3♏47	23°48	16°41	11°52	16°59	15°10	26°25	8° 4	7°59	25°D52	25°34	26°17	n.a.	M10
T 11	20 9 2	0♌10'33	17°47	25°39	17°49	12°25	17°10	15° 5	26°25	8° 5	7°59	25°52	25°31	26°23	n.a.	T 11
W12	20 12 59	1° 9'35	2♐ 7	27°29	18°57	12°59	17°21	15° 1	26°24	8° 7	8° 0	25°52	25°28	26°30	n.a.	W12
T 13	20 16 55	2° 8'39	16°45	29°19	20° 6	13°33	17°32	14°56	26°24	8° 8	8° 0	25°53	25°25	26°37	n.a.	T 13
F 14	20 20 52	3° 7'44	1♑35	1♌ 8	21°15	14° 8	17°43	14°51	26°23	8°10	8° 0	25°53	25°21	26°43	n.a.	F 14
S 15	20 24 49	4° 6'52	16°31	2°56	22°24	14°42	17°54	14°47	26°23	8°11	8° 0	25°54	25°18	26°50	n.a.	S 15
S 16	20 28 45	5° 6'02	1♒26	4°44	23°33	15°17	18° 6	14°42	26°22	8°12	8° 1	25°R54	25°15	26°57	n.a.	S 16
M17	20 32 42	6° 5'14	16°12	6°31	24°42	15°52	18°17	14°37	26°22	8°14	8° 1	25°53	25°12	27° 3	n.a.	M17
T 18	20 36 38	7° 4'28	0♓41	8°17	25°51	16°27	18°29	14°33	26°22	8°15	8° 1	25°52	25° 9	27°10	n.a.	T 18
W19	20 40 35	8° 3'45	14°47	10° 2	27° 1	17° 3	18°40	14°28	26°21	8°16	8° 1	25°51	25° 6	27°17	n.a.	W19
T 20	20 44 31	9° 3'03	28°29	11°46	28°11	17°38	18°52	14°23	26°21	8°18	8° 1	25°49	25° 2	27°23	n.a.	T 20
F 21	20 48 28	10° 2'25	11♈45	13°30	29°20	18°14	19° 4	14°18	26°21	8°19	8° 2	25°47	24°59	27°30	n.a.	F 21
S 22	20 52 24	11° 1'49	24°37	15°12	0♋30	18°50	19°15	14°13	26°21	8°20	8° 2	25°46	24°56	27°37	n.a.	S 22
S 23	20 56 21	12° 1'15	7♉ 7	16°54	1°41	19°26	19°27	14° 9	26°21	8°21	8° 2	25°D45	24°53	27°43	n.a.	S 23
M24	21 0 17	13° 0'44	19°19	18°35	2°51	20° 3	19°39	14° 4	26°D21	8°23	8° 2	25°45	24°50	27°50	n.a.	M24
T 25	21 4 14	14° 0'15	1♊19	20°15	4° 1	20°39	19°51	13°59	26°21	8°24	8° 2	25°46	24°46	27°57	n.a.	T 25
W26	21 8 11	14°59'49	13°10	21°55	5°12	21°16	20° 3	13°54	26°21	8°25	8°R 2	25°48	24°43	28° 3	n.a.	W26
T 27	21 12 7	15°59'26	24°59	23°34	6°23	21°53	20°15	13°49	26°21	8°26	8° 2	25°49	24°40	28°10	n.a.	T 27
F 28	21 16 4	16°59'04	6♋48	25°12	7°33	22°30	20°28	13°45	26°21	8°27	8° 2	25°51	24°37	28°17	n.a.	F 28
S 29	21 20 0	17°58'45	18°42	26°49	8°44	23° 8	20°40	13°40	26°22	8°28	8° 2	25°52	24°34	28°23	n.a.	S 29
S 30	21 23 57	18°58'29	0♌43	28°26	9°56	23°45	20°52	13°35	26°22	8°29	8° 2	25°R52	24°31	28°30	n.a.	S 30
M31	21 27 53	19♌58'15	12♌55	0♍ 2	11♋ 7	24♏23	21♍ 5	13♒30	26♏22	8♊30	8♉ 1	25♋51	24♋27	28♊37	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n21	22n 6	1s26	25n 8	1n25	19n54	1s59	17s14	3s17	7n 2	1n16	18s41	2s23	19s51	0s 4	21n19	0s45	8n48	5s57	21n24	21n22	21n12		n.a.
S 2	22 12	21 44	0 21	25 8	1 31	20 9	1 55	17 24	3 16	6 58	1 16	18 43	2 23	19 51	0 4	21 19	0 45	8 48	5 57	21 24	21 23	21 13		n.a.
M 3	22 2	20 22	0n46	25 4	1 36	20 24	1 51	17 34	3 16	6 54	1 16	18 44	2 23	19 51	0 4	21 19	0 45	8 48	5 57	21 24	21 23	21 14		n.a.
T 4	21 52	18 3	1 51	24 59	1 40	20 38	1 47	17 44	3 15	6 50	1 16	18 45	2 23	19 50	0 4	21 20	0 45	8 49	5 57	21 24	21 24	21 15		n.a.
W 5	21 42	14 54	2 52	24 50	1 44	20 51	1 43	17 54	3 15	6 45	1 16	18 47	2 23	19 50	0 4	21 20	0 45	8 49	5 58	21 24	21 25	21 16		n.a.
T 6	21 31	11 2	3 46	24 40	1 47	21 5	1 39	18 4	3 14	6 41	1 15	18 48	2 24	19 50	0 4	21 20	0 45	8 49	5 58	21 24	21 25	21 17		n.a.
F 7	21 20	6 37	4 29	24 27	1 49	21 17	1 35	18 14	3 13	6 36	1 15	18 50	2 24	19 50	0 4	21 21	0 45	8 49	5 58	21 24	21 26	21 18		n.a.
S 8	21 8	1 50	5 0	24 12	1 50	21 30	1 31	18 24	3 13	6 32	1 15	18 51	2 24	19 50	0 4	21 21	0 45	8 49	5 58	21 24	21 26	21 19		n.a.
S 9	20 56	3s 9	5 16	23 55	1 50	21 41	1 27	18 34	3 12	6 28	1 15	18 53	2 24	19 49	0 4	21 21	0 45	8 49	5 58	21 24	21 27	21 20		n.a.
M10	20 44	8 6	5 15	23 35	1 50	21 52	1 23	18 44	3 11	6 23	1 15	18 54	2 24	19 49	0 4	21 21	0 45	8 49	5 58	21 24	21 28	21 21		n.a.
T 11	20 31	12 46	4 55	23 14	1 50	22 3	1 19	18 54	3 11	6 19	1 14	18 56	2 24	19 49	0 4	21 21	0 45	8 49	5 58	21 24	21 28	21 22		n.a.
W12	20 18	16 49	4 16	22 51	1 48	22 13	1 15	19 4	3 10	6 14	1 14	18 57	2 24	19 49	0 4	21 22	0 45	8 49	5 58	21 24	21 29	21 23		n.a.
T 13	20 5	19 55	3 21	22 27	1 47	22 23	1 11	19 14	3 9	6 9	1 14	18 59	2 24	19 49	0 4	21 22	0 45	8 49	5 58	21 24	21 29	21 24		n.a.
F 14	19 51	21 44	2 11	22 0	1 44	22 31	1 7	19 24	3 9	6 5	1 14	19 0	2 25	19 49	0 4	21 22	0 45	8 49	5 58	21 24	21 30	21 25		n.a.
S 15	19 37	22 1	0 52	21 33	1 42	22 40	1 3	19 33	3 8	6 0	1 14	19 2	2 25	19 49	0 4	21 22	0 45	8 49	5 58	21 24	21 31	21 26		n.a.
S 16	19 23	20 45	0s31	21 4	1 39	22 48	0 59	19 43	3 7	5 55	1 13	19 3	2 25	19 49	0 4	21 23	0 45	8 49	5 58	21 24	21 31	21 27		n.a.
M17	19 8	18 3	1 50	20 33	1 35	22 55	0 55	19 53	3 6	5 51	1 13	19 5	2 25	19 48	0 4	21 23	0 45	8 49	5 59	21 24	21 32	21 28		n.a.
T 18	18 53	14 16	3 1	20 2	1 31	23 1	0 51	20 3	3 5	5 46	1 13	19 7	2 25	19 48	0 4	21 23	0 45	8 49	5 59	21 24	21 32	21 29		n.a.
W19	18 37	9 46	3 59	19 29	1 27	23 7	0 47	20 13	3 5	5 41	1 13	19 8	2 25	19 48	0 4	21 23	0 45	8 49	5 59	21 24	21 33	21 30		n.a.
T 20	18 21	4 54	4 42	18 56	1 23	23 12	0 43	20 22	3 4	5 36	1 13	19 10	2 25	19 48	0 4	21 23	0 45	8 49	5 59	21 25	21 34	21 31		n.a.
F 21	18 5	0n 2	5 7	18 21	1 18	23 17	0 39	20 32	3 3	5 31	1 13	19 11	2 25	19 48	0 5	21 24	0 45	8 49	5 59	21 25	21 34	21 31		n.a.
S 22	17 49	4 50	5 17	17 46	1 13	23 21	0 35	20 41	3 2	5 27	1 12	19 13	2 25	19 48	0 5	21 24	0 45	8 49	5 59	21 25	21 35	21 32		n.a.
S 23	17 32	9 17	5 10	17 10	1 8	23 24	0 31	20 51	3 1	5 22	1 12	19 14	2 25	19 48	0 5	21 24	0 45	8 49	5 59	21 25	21 35	21 33		n.a.
M24	17 15	13 16	4 50	16 33	1 2	23 27	0 27	21 0	3 0	5 17	1 12	19 16	2 26	19 48	0 5	21 24	0 45	8 49	5 59	21 25	21 36	21 34		n.a.
T 25	16 58	16 38	4 18	15 55	0 57	23 29	0 23	21 9	2 59	5 12	1 12	19 17	2 26	19 48	0 5	21 24	0 45	8 49	5 59	21 25	21 36	21 35		n.a.
W26	16 40	19 18	3 35	15 17	0 51	23 30	0 19	21 19	2 58	5 7	1 12	19 19	2 26	19 48	0 5	21 25	0 45	8 48	5 59	21 25	21 37	21 36		n.a.
T 27	16 22	21 7	2 42	14 39	0 45	23 31	0 15	21 28	2 58	5 2	1 12	19 20	2 26	19 48	0 5	21 25	0 45	8 48	5 59	21 25	21 38	21 37		n.a.
F 28	16 4	22 2	1 43	13 59	0 39	23 31	0 12	21 37	2 57	4 57	1 12	19 22	2 26	19 48	0 5	21 25	0 45	8 48	6 0	21 24	21 38	21 38		n.a.
S 29	15 45	21 56	0 39	13 20	0 32	23 30	0 8	21 46	2 56	4 52	1 11	19 23	2 26	19 48	0 5	21 25	0 45	8 48	6 0	21 24	21 39	21 39		n.a.
S 30	15 26	20 50	0n27	12 40	0 26	23 29	0 4	21 54	2 55	4 47	1 11	19 24	2 26	19 49	0 5	21 25	0 45	8 48	6 0	21 24	21 39	21 39		n.a.
M31	15n 7	18n45	1n33	12n 0	0n20	23n27	0s 0	22s 3	2s54	4n41	1n11	19s26	2s26	19s49	0s 5	21n25	0s45	8n48	6s 0	21n24	21n40	21n40		n.a.

Julian Day Number = 976525.5, Delta T = 13h18m58s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'18, Lahiri = -32°04'17 Julian Calendar 1 Aug. 2040 BCE == Greg. Calendar 15 July 2040 BCE

The year -2039 astronomical counting style corresponds to year 2040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

SEPTEMBER 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 31 50	20♌58'02	25♌19	1♍37	12♋18	25♏ 1	21♍17	13°R25	26♏23	8♊31	8°R 1	25°R49	24♋24	28♊43	n.a.	T 1
W 2	21 35 46	21°57'52	7♍55	3°12	13°30	25°39	21°29	13♒21	26°23	8°32	8♉ 1	25♋45	24°21	28°50	n.a.	W 2
T 3	21 39 43	22°57'44	20°45	4°45	14°41	26°17	21°42	13°16	26°24	8°33	8° 1	25°41	24°18	28°57	n.a.	T 3
F 4	21 43 39	23°57'38	3♎49	6°19	15°53	26°56	21°55	13°11	26°24	8°34	8° 1	25°36	24°15	29° 3	n.a.	F 4
S 5	21 47 36	24°57'34	17° 5	7°52	17° 5	27°34	22° 7	13° 7	26°25	8°34	8° 1	25°32	24°12	29°10	n.a.	S 5
S 6	21 51 33	25°57'32	0♏35	9°24	18°16	28°13	22°20	13° 2	26°25	8°35	8° 0	25°28	24° 8	29°17	n.a.	S 6
M 7	21 55 29	26°57'32	14°17	10°55	19°28	28°51	22°33	12°57	26°26	8°36	8° 0	25°26	24° 5	29°23	n.a.	M 7
T 8	21 59 26	27°57'34	28°12	12°26	20°41	29°30	22°45	12°53	26°27	8°37	8° 0	25°D25	24° 2	29°30	n.a.	T 8
W 9	22 3 22	28°57'37	12♐18	13°56	21°53	0♐ 9	22°58	12°48	26°28	8°37	7°59	25°26	23°59	29°37	n.a.	W 9
T 10	22 7 19	29°57'42	26°35	15°26	23° 5	0°49	23°11	12°44	26°29	8°38	7°59	25°27	23°56	29°43	n.a.	T 10
F 11	22 11 15	0♑57'49	11♑ 0	16°55	24°17	1°28	23°24	12°39	26°30	8°39	7°59	25°29	23°52	29°50	n.a.	F 11
S 12	22 15 12	1°57'58	25°31	18°24	25°30	2° 7	23°37	12°35	26°31	8°39	7°58	25°R29	23°49	29°57	n.a.	S 12
S 13	22 19 8	2°58'09	10♒ 2	19°52	26°43	2°47	23°50	12°30	26°32	8°40	7°58	25°29	23°46	0♋ 3	n.a.	S 13
M14	22 23 5	3°58'21	24°28	21°19	27°55	3°26	24° 3	12°26	26°33	8°40	7°58	25°26	23°43	0°10	n.a.	M14
T 15	22 27 2	4°58'35	8♓43	22°45	29° 8	4° 6	24°16	12°22	26°34	8°41	7°57	25°21	23°40	0°17	n.a.	T 15
W16	22 30 58	5°58'51	22°43	24°11	0♈21	4°46	24°29	12°18	26°35	8°41	7°57	25°15	23°37	0°23	n.a.	W16
T 17	22 34 55	6°59'10	6♈22	25°36	1°34	5°26	24°42	12°13	26°36	8°42	7°56	25° 8	23°33	0°30	n.a.	T 17
F 18	22 38 51	7°59'30	19°39	27° 1	2°47	6° 6	24°55	12° 9	26°37	8°42	7°56	25° 1	23°30	0°37	n.a.	F 18
S 19	22 42 48	8°59'52	2♉32	28°24	4° 0	6°46	25° 8	12° 5	26°39	8°42	7°55	24°54	23°27	0°43	n.a.	S 19
S 20	22 46 44	10° 0'17	15° 5	29°47	5°13	7°26	25°21	12° 1	26°40	8°43	7°55	24°49	23°24	0°50	n.a.	S 20
M21	22 50 41	11° 0'43	27°19	1♎ 9	6°26	8° 6	25°35	11°57	26°41	8°43	7°54	24°46	23°21	0°57	n.a.	M21
T 22	22 54 37	12° 1'12	9♊20	2°30	7°40	8°47	25°48	11°54	26°43	8°43	7°53	24°D45	23°17	1° 3	n.a.	T 22
W23	22 58 34	13° 1'43	21°12	3°50	8°53	9°27	26° 1	11°50	26°44	8°43	7°53	24°45	23°14	1°10	n.a.	W23
T 24	23 2 30	14° 2'16	3♋ 0	5° 8	10° 7	10° 8	26°14	11°46	26°46	8°44	7°52	24°46	23°11	1°17	n.a.	T 24
F 25	23 6 27	15° 2'51	14°50	6°25	11°21	10°49	26°28	11°43	26°48	8°44	7°52	24°48	23° 8	1°23	n.a.	F 25
S 26	23 10 24	16° 3'28	26°46	7°41	12°34	11°29	26°41	11°39	26°49	8°44	7°51	24°R48	23° 5	1°30	n.a.	S 26
S 27	23 14 20	17° 4'07	8♌54	8°55	13°48	12°10	26°54	11°36	26°51	8°44	7°50	24°47	23° 2	1°37	n.a.	S 27
M28	23 18 17	18° 4'48	21°16	10° 7	15° 2	12°51	27° 8	11°32	26°53	8°R44	7°49	24°43	22°58	1°43	n.a.	M28
T 29	23 22 13	19° 5'30	3♍55	11°18	16°16	13°32	27°21	11°29	26°55	8°44	7°49	24°38	22°55	1°50	n.a.	T 29
W30	23 26 10	20♍ 6'15	16♍51	12♎25	17♌30	14♐13	27♍35	11♒26	26♏56	8♊44	7♉48	24♋29	22♋52	1♋56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n48	15n46	2n35	11n19	0n13	23n24	0n 3	22s12	2s53	4n36	1n11	19s27	2s26	19s49	0s 5	21n25	0s45	8n48	6s 0	21n25	21n40	21n41		n.a.
W 2	14 28	12 1	3 31	10 38	0 6	23 20	0 7	22 20	2 52	4 31	1 11	19 29	2 26	19 49	0 5	21 26	0 46	8 48	6 0	21 26	21 41	21 42		n.a.
T 3	14 8	7 40	4 17	9 57	0s 0	23 16	0 10	22 29	2 51	4 26	1 11	19 30	2 26	19 49	0 5	21 26	0 46	8 48	6 0	21 26	21 42	21 43		n.a.
F 4	13 48	2 53	4 51	9 16	0 7	23 11	0 14	22 37	2 50	4 21	1 11	19 32	2 26	19 49	0 5	21 26	0 46	8 47	6 0	21 27	21 42	21 44		n.a.
S 5	13 28	2s 5	5 10	8 35	0 14	23 6	0 17	22 45	2 49	4 16	1 10	19 33	2 26	19 49	0 5	21 26	0 46	8 47	6 0	21 28	21 43	21 45		n.a.
S 6	13 7	7 3	5 12	7 53	0 21	22 59	0 20	22 53	2 48	4 10	1 10	19 34	2 26	19 49	0 5	21 26	0 46	8 47	6 0	21 29	21 43	21 45		n.a.
M 7	12 47	11 44	4 56	7 12	0 28	22 52	0 24	23 1	2 47	4 5	1 10	19 36	2 26	19 50	0 5	21 26	0 46	8 47	6 0	21 29	21 44	21 46		n.a.
T 8	12 26	15 53	4 23	6 30	0 34	22 45	0 27	23 9	2 46	4 0	1 10	19 37	2 26	19 50	0 5	21 26	0 46	8 47	6 0	21 29	21 44	21 47		n.a.
W 9	12 4	19 11	3 34	5 49	0 41	22 36	0 30	23 17	2 45	3 55	1 10	19 38	2 26	19 50	0 5	21 26	0 46	8 47	6 1	21 29	21 45	21 48		n.a.
T 10	11 43	21 22	2 31	5 7	0 48	22 27	0 33	23 24	2 44	3 49	1 10	19 40	2 26	19 50	0 5	21 26	0 46	8 46	6 1	21 29	21 46	21 49		n.a.
F 11	11 21	22 10	1 18	4 26	0 55	22 18	0 37	23 31	2 43	3 44	1 10	19 41	2 26	19 50	0 5	21 27	0 46	8 46	6 1	21 29	21 46	21 50		n.a.
S 12	10 59	21 28	0s 0	3 44	1 2	22 7	0 40	23 39	2 42	3 39	1 10	19 42	2 26	19 51	0 5	21 27	0 46	8 46	6 1	21 29	21 47	21 50		n.a.
S 13	10 37	19 21	1 18	3 3	1 8	21 56	0 43	23 46	2 40	3 33	1 9	19 43	2 26	19 51	0 5	21 27	0 46	8 46	6 1	21 29	21 47	21 51		n.a.
M14	10 15	16 0	2 31	2 22	1 15	21 44	0 45	23 53	2 39	3 28	1 9	19 44	2 26	19 51	0 5	21 27	0 46	8 46	6 1	21 29	21 48	21 52		n.a.
T 15	9 53	11 45	3 33	1 41	1 21	21 32	0 48	23 59	2 38	3 23	1 9	19 46	2 26	19 51	0 5	21 27	0 46	8 45	6 1	21 30	21 48	21 53		n.a.
W16	9 30	6 56	4 21	1 1	1 28	21 19	0 51	24 6	2 37	3 17	1 9	19 47	2 25	19 52	0 5	21 27	0 46	8 45	6 1	21 31	21 49	21 54		n.a.
T 17	9 7	1 54	4 53	0 21	1 34	21 5	0 54	24 12	2 36	3 12	1 9	19 48	2 25	19 52	0 5	21 27	0 46	8 45	6 1	21 33	21 50	21 54		n.a.
F 18	8 45	3n 6	5 8	0s19	1 40	20 51	0 56	24 18	2 35	3 7	1 9	19 49	2 25	19 52	0 5	21 27	0 46	8 45	6 1	21 34	21 50	21 55		n.a.
S 19	8 21	7 49	5 7	0 58	1 46	20 36	0 59	24 25	2 34	3 1	1 9	19 50	2 25	19 53	0 5	21 27	0 46	8 45	6 1	21 35	21 51	21 56		n.a.
S 20	7 58	12 4	4 50	1 37	1 52	20 21	1 2	24 30	2 33	2 56	1 9	19 51	2 25	19 53	0 5	21 27	0 46	8 44	6 1	21 36	21 51	21 57		n.a.
M21	7 35	15 44	4 21	2 16	1 58	20 4	1 4	24 36	2 32	2 50	1 9	19 52	2 25	19 53	0 5	21 27	0 46	8 44	6 1	21 37	21 52	21 58		n.a.
T 22	7 12	18 40	3 41	2 53	2 3	19 48	1 6	24 42	2 31	2 45	1 9	19 53	2 25	19 54	0 5	21 27	0 46	8 44	6 1	21 37	21 52	21 58		n.a.
W23	6 48	20 47	2 51	3 31	2 8	19 30	1 9	24 47	2 30	2 39	1 8	19 54	2 25	19 54	0 5	21 27	0 46	8 44	6 2	21 37	21 53	21 59		n.a.
T 24	6 24	21 59	1 55	4 7	2 13	19 12	1 11	24 52	2 28	2 34	1 8	19 55	2 25	19 54	0 5	21 27	0 46	8 43	6 2	21 36	21 53	22 0		n.a.
F 25	6 0	22 12	0 54	4 42	2 18	18 54	1 13	24 57	2 27	2 28	1 8	19 56	2 25	19 55	0 5	21 27	0 46	8 43	6 2	21 36	21 54	22 1		n.a.
S 26	5 36	21 24	0n11	5 17	2 22	18 35	1 15	25 2	2 26	2 23	1 8	19 57	2 25	19 55	0 5	21 27	0 46	8 43	6 2	21 36	21 54	22 1		n.a.
S 27	5 12	19 36	1 15	5 50	2 26	18 15	1 17	25 6	2 25	2 17	1 8	19 58	2 25	19 56	0 5	21 27	0 46	8 42	6 2	21 36	21 55	22 2		n.a.
M28	4 48	16 52	2 17	6 23	2 30	17 55	1 19	25 11	2 24	2 12	1 8	19 59	2 24	19 56	0 5	21 27	0 46	8 42	6 2	21 37	21 56	22 3		n.a.
T 29	4 24	13 17	3 14	6 54	2 33	17 34	1 21	25 15	2 23	2 6	1 8	20 0	2 24	19 56	0 5	21 27	0 46	8 42	6 2	21 38	21 56	22 4		n.a.
W30	4n 0	9n 0	4n 2	7s23	2s36	17n13	1n23	25s19	2s22	2n 1	1n 8	20s 0	2s24	19s57	0s 5	21n27	0s46	8n42	6s 2	21n40	21n57	22n 4		n.a.

Julian Day Number = 976556.5, Delta T = 13h18m56s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'13, Lahiri = -32°04'13 Julian Calendar 1 Sept. 2040 BCE == Greg. Calendar 15 Aug. 2040 BCE

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

OCTOBER 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 30 6	21♍ 7'00	0♎ 5	13♎31	18♌44	14♐54	27♍48	11°R23	26♏58	8°R44	7°R47	24°R20	22♋49	2♋ 3	n.a.	T 1
F 2	23 34 3	22° 7'48	13°34	14°33	19°58	15°35	28° 1	11♒19	27° 0	8♊44	7♉46	24♋ 9	22°46	2°10	n.a.	F 2
S 3	23 37 59	23° 8'36	27°16	15°32	21°12	16°16	28°15	11°17	27° 2	8°44	7°46	23°59	22°43	2°16	n.a.	S 3
S 4	23 41 56	24° 9'26	11♏ 7	16°27	22°26	16°58	28°28	11°14	27° 4	8°43	7°45	23°51	22°39	2°23	n.a.	S 4
M 5	23 45 52	25°10'18	25° 5	17°17	23°40	17°39	28°42	11°11	27° 6	8°43	7°44	23°44	22°36	2°30	n.a.	M 5
T 6	23 49 49	26°11'11	9♐ 7	18° 3	24°54	18°21	28°55	11° 8	27° 8	8°43	7°43	23°41	22°33	2°36	n.a.	T 6
W 7	23 53 46	27°12'04	23°12	18°44	26° 9	19° 2	29° 9	11° 6	27°10	8°43	7°42	23°D39	22°30	2°43	n.a.	W 7
T 8	23 57 42	28°12'59	7♑17	19°18	27°23	19°44	29°22	11° 3	27°13	8°42	7°41	23°40	22°27	2°50	n.a.	T 8
F 9	0 1 39	29°13'55	21°23	19°45	28°38	20°25	29°36	11° 1	27°15	8°42	7°40	23°R40	22°23	2°56	n.a.	F 9
S 10	0 5 35	0♎14'52	5♒29	20° 5	29°52	21° 7	29°49	10°58	27°17	8°42	7°40	23°40	22°20	3° 3	n.a.	S 10
S 11	0 9 32	1°15'50	19°32	20°16	1♍ 7	21°48	0♎ 3	10°56	27°19	8°41	7°39	23°37	22°17	3°10	n.a.	S 11
M12	0 13 28	2°16'49	3♓31	20°R18	2°21	22°30	0°16	10°54	27°22	8°41	7°38	23°32	22°14	3°16	n.a.	M12
T 13	0 17 25	3°17'49	17°22	20°10	3°36	23°12	0°30	10°52	27°24	8°40	7°37	23°23	22°11	3°23	n.a.	T 13
W14	0 21 21	4°18'51	1♈ 1	19°52	4°50	23°54	0°43	10°50	27°27	8°40	7°36	23°12	22° 8	3°30	n.a.	W14
T 15	0 25 18	5°19'53	14°26	19°22	6° 5	24°36	0°57	10°49	27°29	8°39	7°35	23° 0	22° 4	3°36	n.a.	T 15
F 16	0 29 15	6°20'56	27°33	18°42	7°20	25°17	1°10	10°47	27°31	8°39	7°34	22°47	22° 1	3°43	n.a.	F 16
S 17	0 33 11	7°22'01	10♉22	17°51	8°34	25°59	1°24	10°45	27°34	8°38	7°33	22°35	21°58	3°50	n.a.	S 17
S 18	0 37 8	8°23'07	22°52	16°50	9°49	26°41	1°37	10°44	27°37	8°37	7°32	22°25	21°55	3°56	n.a.	S 18
M19	0 41 4	9°24'14	5♊ 6	15°40	11° 4	27°23	1°51	10°42	27°39	8°37	7°31	22°18	21°52	4° 3	n.a.	M19
T 20	0 45 1	10°25'22	17° 6	14°23	12°19	28° 5	2° 4	10°41	27°42	8°36	7°30	22°13	21°49	4°10	n.a.	T 20
W21	0 48 57	11°26'32	28°58	13° 2	13°34	28°47	2°17	10°40	27°44	8°35	7°29	22°11	21°45	4°16	n.a.	W21
T 22	0 52 54	12°27'43	10♋46	11°40	14°49	29°29	2°31	10°39	27°47	8°35	7°27	22°D10	21°42	4°23	n.a.	T 22
F 23	0 56 51	13°28'55	22°35	10°18	16° 4	0♑11	2°44	10°38	27°50	8°34	7°26	22°R10	21°39	4°30	n.a.	F 23
S 24	1 0 47	14°30'07	4♌32	9° 0	17°19	0°53	2°58	10°37	27°53	8°33	7°25	22°10	21°36	4°36	n.a.	S 24
S 25	1 4 44	15°31'21	16°41	7°48	18°34	1°35	3°11	10°37	27°56	8°32	7°24	22° 8	21°33	4°43	n.a.	S 25
M26	1 8 40	16°32'36	29° 8	6°45	19°49	2°18	3°24	10°36	27°58	8°31	7°23	22° 3	21°29	4°49	n.a.	M26
T 27	1 12 37	17°33'52	11♍55	5°51	21° 4	3° 0	3°38	10°36	28° 1	8°30	7°22	21°56	21°26	4°56	n.a.	T 27
W28	1 16 33	18°35'09	25° 6	5° 8	22°19	3°42	3°51	10°35	28° 4	8°29	7°21	21°45	21°23	5° 3	n.a.	W28
T 29	1 20 30	19°36'26	8♎39	4°36	23°34	4°24	4° 4	10°35	28° 7	8°28	7°20	21°33	21°20	5° 9	n.a.	T 29
F 30	1 24 26	20°37'44	22°32	4°15	24°49	5° 6	4°18	10°35	28°10	8°27	7°18	21°20	21°17	5°16	n.a.	F 30
S 31	1 28 23	21♎39'03	6♏42	4°D 6	26♍ 4	5♑49	4♎31	10°D35	28♏13	8♊26	7♉17	21♋ 7	21♋14	5♋23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	3n35	4n12	4n38	7s51	2s38	16n51	1n24	25s23	2s21	1n55	1n 8	20s 1	2s24	19s57	0s 5	21n27	0s46	8n41	6s 2	21n41	21n57	22n 5			n.a.
F 2	3 11	0s52	4 59	8 17	2 40	16 29	1 26	25 26	2 19	1 50	1 8	20 2	2 24	19 58	0 5	21 27	0 46	8 41	6 2	21 43	21 58	22 6			n.a.
S 3	2 47	5 59	5 4	8 42	2 41	16 6	1 27	25 30	2 18	1 44	1 8	20 3	2 24	19 58	0 5	21 27	0 46	8 41	6 2	21 45	21 58	22 6			n.a.
S 4	2 22	10 52	4 51	9 3	2 41	15 43	1 29	25 33	2 17	1 39	1 8	20 3	2 24	19 59	0 5	21 27	0 46	8 40	6 2	21 47	21 59	22 7			n.a.
M 5	1 57	15 13	4 21	9 23	2 40	15 19	1 30	25 36	2 16	1 33	1 8	20 4	2 23	19 59	0 5	21 27	0 46	8 40	6 2	21 48	21 59	22 8			n.a.
T 6	1 33	18 44	3 34	9 39	2 39	14 55	1 31	25 38	2 15	1 28	1 7	20 5	2 23	20 0	0 5	21 27	0 46	8 40	6 2	21 48	22 0	22 9			n.a.
W 7	1 8	21 10	2 35	9 53	2 36	14 30	1 33	25 41	2 14	1 22	1 7	20 5	2 23	20 0	0 5	21 27	0 46	8 39	6 2	21 48	22 0	22 9			n.a.
T 8	0 43	22 17	1 26	10 3	2 33	14 5	1 34	25 43	2 12	1 17	1 7	20 6	2 23	20 1	0 5	21 27	0 46	8 39	6 2	21 48	22 1	22 10			n.a.
F 9	0 19	21 59	0 12	10 9	2 28	13 40	1 35	25 45	2 11	1 11	1 7	20 6	2 23	20 1	0 5	21 27	0 46	8 39	6 2	21 48	22 1	22 11			n.a.
S 10	0s 6	20 18	1s 3	10 11	2 22	13 14	1 36	25 47	2 10	1 6	1 7	20 7	2 23	20 2	0 5	21 27	0 46	8 38	6 2	21 48	22 2	22 11			n.a.
S 11	0 31	17 22	2 13	10 9	2 14	12 48	1 37	25 49	2 9	1 0	1 7	20 7	2 23	20 2	0 5	21 27	0 46	8 38	6 2	21 49	22 3	22 12			n.a.
M12	0 55	13 26	3 15	10 1	2 5	12 22	1 37	25 50	2 8	0 55	1 7	20 8	2 22	20 3	0 5	21 26	0 46	8 38	6 2	21 50	22 3	22 13			n.a.
T 13	1 20	8 50	4 5	9 48	1 55	11 55	1 38	25 51	2 7	0 49	1 7	20 8	2 22	20 3	0 5	21 26	0 46	8 37	6 3	21 51	22 4	22 13			n.a.
W14	1 45	3 51	4 40	9 30	1 42	11 27	1 39	25 52	2 6	0 44	1 7	20 9	2 22	20 4	0 5	21 26	0 46	8 37	6 3	21 53	22 4	22 14			n.a.
T 15	2 10	1n14	4 58	9 5	1 28	11 0	1 39	25 53	2 4	0 38	1 7	20 9	2 22	20 5	0 5	21 26	0 46	8 37	6 3	21 55	22 5	22 15			n.a.
F 16	2 34	6 9	5 0	8 35	1 13	10 32	1 40	25 54	2 3	0 33	1 7	20 9	2 22	20 5	0 5	21 26	0 46	8 36	6 3	21 57	22 5	22 15			n.a.
S 17	2 59	10 41	4 47	7 59	0 55	10 4	1 40	25 54	2 2	0 27	1 7	20 9	2 22	20 6	0 5	21 26	0 46	8 36	6 3	21 59	22 6	22 16			n.a.
S 18	3 23	14 40	4 21	7 18	0 37	9 35	1 41	25 54	2 1	0 22	1 7	20 10	2 21	20 6	0 5	21 26	0 46	8 36	6 3	22 1	22 6	22 17			n.a.
M19	3 48	17 57	3 42	6 33	0 17	9 7	1 41	25 54	2 0	0 16	1 7	20 10	2 21	20 7	0 5	21 26	0 46	8 35	6 3	22 2	22 7	22 17			n.a.
T 20	4 12	20 24	2 55	5 44	0n 3	8 38	1 41	25 53	1 59	0 11	1 7	20 10	2 21	20 8	0 5	21 26	0 46	8 35	6 3	22 3	22 7	22 18			n.a.
W21	4 37	21 56	2 0	4 53	0 24	8 8	1 41	25 53	1 57	0 5	1 7	20 10	2 21	20 8	0 5	21 26	0 46	8 35	6 3	22 4	22 8	22 18			n.a.
T 22	5 1	22 29	1 0	4 1	0 44	7 39	1 41	25 52	1 56	0s 0	1 7	20 10	2 21	20 9	0 5	21 25	0 46	8 34	6 3	22 4	22 8	22 19			n.a.
F 23	5 26	22 2	0n 2	3 11	1 4	7 9	1 41	25 51	1 55	0 6	1 7	20 10	2 20	20 9	0 5	21 25	0 46	8 34	6 3	22 4	22 9	22 20			n.a.
S 24	5 50	20 34	1 5	2 23	1 23	6 39	1 41	25 50	1 54	0 11	1 7	20 10	2 20	20 10	0 5	21 25	0 46	8 34	6 3	22 4	22 9	22 20			n.a.
S 25	6 14	18 9	2 6	1 38	1 39	6 9	1 40	25 48	1 53	0 16	1 7	20 10	2 20	20 11	0 5	21 25	0 46	8 33	6 3	22 4	22 10	22 21			n.a.
M26	6 38	14 51	3 2	0 59	1 54	5 39	1 40	25 46	1 52	0 22	1 7	20 10	2 20	20 11	0 5	21 25	0 46	8 33	6 3	22 5	22 10	22 22			n.a.
T 27	7 2	10 47	3 51	0 25	2 7	5 8	1 40	25 44	1 51	0 27	1 7	20 10	2 20	20 12	0 5	21 25	0 46	8 32	6 3	22 6	22 11	22 22			n.a.
W28	7 26	6 5	4 29	0n 2	2 18	4 38	1 39	25 42	1 49	0 33	1 7	20 10	2 20	20 13	0 5	21 25	0 46	8 32	6 3	22 8	22 11	22 23			n.a.
T 29	7 49	0 58	4 53	0 23	2 27	4 7	1 39	25 39	1 48	0 38	1 7	20 10	2 19	20 13	0 5	21 24	0 46	8 32	6 3	22 10	22 12	22 23			n.a.
F 30	8 13	4s19	5 0	0 37	2 34	3 36	1 38	25 37	1 47	0 43	1 7	20 10	2 19	20 14	0 5	21 24	0 46	8 31	6 3	22 12	22 12	22 24			n.a.
S 31	8s36	9s29	4n49	0n46	2n39	3n 5	1n38	25s34	1s46	0s49	1n 7	20s10	2s19	20s15	0s 5	21n24	0s46	8n31	6s 3	22n14	22n13	22n24			n.a.

Julian Day Number = 976586.5, Delta T = 13h18m54s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'09, Lahiri = -32°04'09 Julian Calendar 1 Oct. 2040 BCE == Greg. Calendar 14 Sept. 2040 BCE

The year -2039 astronomical counting style corresponds to year 2040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

NOVEMBER 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 32 20	22♎40'22	21♏ 1	4♎ 6	27♍19	6♑31	4♎44	10♒35	28♏16	8°R25	7°R16	20°R56	21♋10	5♋29	n.a.	S 1
M 2	1 36 16	23°41'41	5♐25	4°17	28°34	7°13	4°57	10°35	28°19	8♊24	7♉15	20♋48	21° 7	5°36	n.a.	M 2
T 3	1 40 13	24°43'01	19°48	4°36	29°50	7°56	5°10	10°35	28°22	8°23	7°14	20°43	21° 4	5°43	n.a.	T 3
W 4	1 44 9	25°44'21	4♑ 6	5° 3	1♎ 5	8°38	5°23	10°36	28°25	8°22	7°13	20°40	21° 1	5°49	n.a.	W 4
T 5	1 48 6	26°45'40	18°16	5°37	2°20	9°20	5°37	10°36	28°28	8°21	7°11	20°40	20°58	5°56	n.a.	T 5
F 6	1 52 2	27°47'00	2♒17	6°17	3°35	10° 3	5°50	10°37	28°32	8°20	7°10	20°40	20°54	6° 3	n.a.	F 6
S 7	1 55 59	28°48'20	16° 9	7° 4	4°50	10°45	6° 3	10°38	28°35	8°18	7° 9	20°39	20°51	6° 9	n.a.	S 7
S 8	1 59 55	29°49'40	29°52	7°55	6° 5	11°27	6°16	10°39	28°38	8°17	7° 8	20°36	20°48	6°16	n.a.	S 8
M 9	2 3 52	0♏50'59	13♓26	8°51	7°21	12°10	6°28	10°40	28°41	8°16	7° 7	20°30	20°45	6°23	n.a.	M 9
T 10	2 7 49	1°52'18	26°51	9°51	8°36	12°52	6°41	10°41	28°44	8°15	7° 5	20°21	20°42	6°29	n.a.	T 10
W11	2 11 45	2°53'38	10♈ 5	10°54	9°51	13°34	6°54	10°42	28°48	8°13	7° 4	20°10	20°39	6°36	n.a.	W11
T 12	2 15 42	3°54'57	23° 8	12° 0	11° 6	14°17	7° 7	10°43	28°51	8°12	7° 3	19°57	20°35	6°43	n.a.	T 12
F 13	2 19 38	4°56'16	5♉57	13° 9	12°22	14°59	7°20	10°45	28°54	8°11	7° 2	19°43	20°32	6°49	n.a.	F 13
S 14	2 23 35	5°57'35	18°33	14°21	13°37	15°41	7°32	10°46	28°57	8° 9	7° 1	19°31	20°29	6°56	n.a.	S 14
S 15	2 27 31	6°58'54	0♊54	15°34	14°52	16°24	7°45	10°48	29° 1	8° 8	6°59	19°20	20°26	7° 2	n.a.	S 15
M16	2 31 28	8° 0'13	13° 3	16°50	16° 7	17° 6	7°58	10°50	29° 4	8° 7	6°58	19°11	20°23	7° 9	n.a.	M16
T 17	2 35 25	9° 1'33	25° 0	18° 7	17°23	17°49	8°10	10°52	29° 7	8° 5	6°57	19° 6	20°20	7°16	n.a.	T 17
W18	2 39 21	10° 2'52	6♋50	19°26	18°38	18°31	8°23	10°54	29°11	8° 4	6°56	19° 3	20°16	7°22	n.a.	W18
T 19	2 43 18	11° 4'11	18°37	20°45	19°53	19°13	8°35	10°56	29°14	8° 2	6°54	19°D 2	20°13	7°29	n.a.	T 19
F 20	2 47 14	12° 5'30	0♌25	22° 7	21° 8	19°56	8°48	10°58	29°18	8° 1	6°53	19° 2	20°10	7°36	n.a.	F 20
S 21	2 51 11	13° 6'49	12°20	23°29	22°24	20°38	9° 0	11° 0	29°21	7°59	6°52	19°R 3	20° 7	7°42	n.a.	S 21
S 22	2 55 7	14° 8'08	24°28	24°52	23°39	21°20	9°12	11° 3	29°25	7°58	6°51	19° 2	20° 4	7°49	n.a.	S 22
M23	2 59 4	15° 9'27	6♍53	26°16	24°54	22° 3	9°24	11° 5	29°28	7°56	6°50	19° 0	20° 0	7°56	n.a.	M23
T 24	3 3 1	16°10'46	19°40	27°41	26° 9	22°45	9°37	11° 8	29°31	7°55	6°48	18°55	19°57	8° 2	n.a.	T 24
W25	3 6 57	17°12'04	2♎54	29° 7	27°25	23°27	9°49	11°11	29°35	7°53	6°47	18°48	19°54	8° 9	n.a.	W25
T 26	3 10 54	18°13'22	16°34	0♏33	28°40	24° 9	10° 1	11°13	29°38	7°52	6°46	18°38	19°51	8°16	n.a.	T 26
F 27	3 14 50	19°14'40	0♏41	2° 0	29°55	24°52	10°13	11°16	29°42	7°50	6°45	18°28	19°48	8°22	n.a.	F 27
S 28	3 18 47	20°15'57	15° 9	3°28	1♏10	25°34	10°25	11°19	29°45	7°49	6°44	18°18	19°45	8°29	n.a.	S 28
S 29	3 22 43	21°17'13	29°52	4°57	2°25	26°16	10°36	11°23	29°49	7°47	6°43	18°10	19°41	8°36	n.a.	S 29
M30	3 26 40	22♏18'29	14♐43	6♏26	3♏41	26♑59	10♎48	11♒26	29♏52	7♊45	6♉41	18♋ 3	19♋38	8♋42	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 0	14s12	4n20	0n49	2n43	2n34	1n37	25s31	1s45	0s54	1n 7	20s10	2s19	20s16	0s 5	21n24	0s46	8n31	6s 3	22n16	22n13	22n25		n.a.
M 2	9 23	18 7	3 35	0 46	2 44	2 2	1 36	25 27	1 44	0 59	1 7	20 9	2 19	20 16	0 5	21 24	0 46	8 30	6 3	22 17	22 14	22 26		n.a.
T 3	9 46	20 57	2 35	0 39	2 45	1 31	1 35	25 23	1 43	1 5	1 7	20 9	2 18	20 17	0 5	21 23	0 46	8 30	6 3	22 18	22 14	22 26		n.a.
W 4	10 9	22 25	1 26	0 27	2 44	1 0	1 34	25 20	1 41	1 10	1 7	20 9	2 18	20 18	0 5	21 23	0 46	8 30	6 3	22 18	22 15	22 27		n.a.
T 5	10 31	22 27	0 13	0 12	2 42	0 28	1 33	25 16	1 40	1 15	1 7	20 8	2 18	20 18	0 5	21 23	0 46	8 29	6 3	22 18	22 15	22 27		n.a.
F 6	10 54	21 3	1s 1	0s 7	2 39	0s 3	1 32	25 11	1 39	1 21	1 7	20 8	2 18	20 19	0 5	21 23	0 46	8 29	6 3	22 18	22 16	22 28		n.a.
S 7	11 16	18 23	2 10	0 29	2 36	0 34	1 31	25 7	1 38	1 26	1 7	20 8	2 18	20 20	0 5	21 23	0 46	8 28	6 2	22 18	22 16	22 28		n.a.
S 8	11 38	14 43	3 11	0 53	2 32	1 6	1 30	25 2	1 37	1 31	1 7	20 7	2 17	20 20	0 5	21 22	0 46	8 28	6 2	22 19	22 17	22 29		n.a.
M 9	12 0	10 20	4 1	1 20	2 27	1 37	1 28	24 57	1 36	1 36	1 7	20 7	2 17	20 21	0 5	21 22	0 46	8 28	6 2	22 20	22 17	22 29		n.a.
T 10	12 22	5 29	4 36	1 49	2 22	2 9	1 27	24 52	1 35	1 41	1 7	20 6	2 17	20 22	0 5	21 22	0 46	8 27	6 2	22 21	22 18	22 30		n.a.
W11	12 43	0 27	4 56	2 19	2 16	2 40	1 26	24 46	1 34	1 47	1 7	20 6	2 17	20 23	0 5	21 22	0 46	8 27	6 2	22 23	22 18	22 31		n.a.
T 12	13 5	4n32	5 0	2 51	2 10	3 12	1 24	24 41	1 32	1 52	1 7	20 5	2 17	20 23	0 5	21 22	0 46	8 27	6 2	22 25	22 19	22 31		n.a.
F 13	13 26	9 14	4 49	3 25	2 3	3 43	1 23	24 35	1 31	1 57	1 7	20 5	2 16	20 24	0 5	21 21	0 46	8 26	6 2	22 27	22 19	22 32		n.a.
S 14	13 47	13 28	4 24	3 59	1 57	4 14	1 21	24 29	1 30	2 2	1 7	20 4	2 16	20 25	0 5	21 21	0 46	8 26	6 2	22 29	22 20	22 32		n.a.
S 15	14 7	17 4	3 46	4 34	1 50	4 45	1 20	24 22	1 29	2 7	1 7	20 3	2 16	20 26	0 5	21 21	0 46	8 26	6 2	22 30	22 20	22 33		n.a.
M16	14 28	19 52	2 59	5 10	1 43	5 16	1 18	24 16	1 28	2 12	1 7	20 3	2 16	20 26	0 5	21 21	0 46	8 25	6 2	22 31	22 21	22 33		n.a.
T 17	14 48	21 46	2 4	5 47	1 36	5 47	1 16	24 9	1 27	2 17	1 7	20 2	2 16	20 27	0 5	21 21	0 46	8 25	6 2	22 32	22 21	22 34		n.a.
W18	15 8	22 40	1 5	6 24	1 28	6 18	1 14	24 2	1 26	2 22	1 7	20 1	2 15	20 28	0 5	21 20	0 46	8 25	6 2	22 33	22 22	22 34		n.a.
T 19	15 27	22 34	0 2	7 1	1 21	6 49	1 13	23 55	1 25	2 27	1 7	20 0	2 15	20 29	0 5	21 20	0 46	8 24	6 2	22 33	22 22	22 35		n.a.
F 20	15 46	21 27	1n 0	7 39	1 13	7 19	1 11	23 48	1 24	2 32	1 7	19 59	2 15	20 29	0 5	21 20	0 46	8 24	6 2	22 33	22 23	22 35		n.a.
S 21	16 6	19 23	2 1	8 17	1 6	7 50	1 9	23 40	1 23	2 37	1 7	19 59	2 15	20 30	0 5	21 20	0 46	8 24	6 2	22 33	22 23	22 35		n.a.
S 22	16 24	16 25	2 57	8 55	0 58	8 20	1 7	23 32	1 22	2 42	1 7	19 58	2 15	20 31	0 5	21 19	0 46	8 23	6 2	22 33	22 24	22 36		n.a.
M23	16 43	12 40	3 47	9 33	0 51	8 50	1 5	23 24	1 20	2 47	1 7	19 57	2 14	20 32	0 5	21 19	0 46	8 23	6 2	22 33	22 24	22 36		n.a.
T 24	17 1	8 14	4 26	10 11	0 43	9 19	1 3	23 16	1 19	2 51	1 7	19 56	2 14	20 33	0 5	21 19	0 46	8 23	6 2	22 34	22 25	22 37		n.a.
W25	17 19	3 18	4 53	10 49	0 36	9 49	1 1	23 8	1 18	2 56	1 7	19 55	2 14	20 33	0 5	21 19	0 46	8 22	6 2	22 35	22 25	22 37		n.a.
T 26	17 36	1s58	5 4	11 27	0 28	10 18	0 59	22 59	1 17	3 1	1 7	19 54	2 14	20 34	0 5	21 18	0 46	8 22	6 1	22 36	22 26	22 38		n.a.
F 27	17 53	7 18	4 58	12 5	0 21	10 47	0 57	22 50	1 16	3 6	1 7	19 53	2 14	20 35	0 5	21 18	0 46	8 22	6 1	22 37	22 26	22 38		n.a.
S 28	18 10	12 22	4 32	12 43	0 14	11 16	0 55	22 41	1 15	3 10	1 7	19 52	2 13	20 36	0 5	21 18	0 46	8 21	6 1	22 39	22 26	22 39		n.a.
S 29	18 27	16 49	3 48	13 20	0 7	11 45	0 52	22 32	1 14	3 15	1 7	19 51	2 13	20 36	0 5	21 18	0 46	8 21	6 1	22 40	22 27	22 39		n.a.
M30	18s43	20s14	2n49	13s57	0s 1	12s13	0n50	22s23	1s13	3s20	1n 7	19s50	2s13	20s37	0s 5	21n17	0s46	8n21	6s 1	22n41	22n27	22n40		n.a.

Julian Day Number = 976617.5, Delta T = 13h18m52s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'05, Lahiri = -32°04'05 Julian Calendar 1 Nov. 2040 BCE == Greg. Calendar 15 Oct. 2040 BCE

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ASTRODIENST EPHEMERIS for the year 2040 BCE
geocentric

DECEMBER 2040 BCE (-2039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 30 36	23♏19'44	29♐33	7♏55	4♏56	27♑41	11♎ 0	11♒29	29♏56	7°R44	6°R40	17°R59	19♋35	8♋49	n.a.	T 1
W 2	3 34 33	24°20'58	14♑14	9°25	6°11	28°23	11°12	11°33	29°59	7♊42	6♉39	17°D58	19°32	8°56	n.a.	W 2
T 3	3 38 30	25°22'11	28°42	10°56	7°26	29° 5	11°23	11°36	0♐ 3	7°40	6°38	17♋58	19°29	9° 2	n.a.	T 3
F 4	3 42 26	26°23'23	12♒53	12°27	8°41	29°48	11°34	11°40	0° 6	7°39	6°37	17°59	19°26	9° 9	n.a.	F 4
S 5	3 46 23	27°24'34	26°47	13°59	9°57	0♒30	11°46	11°44	0°10	7°37	6°36	18°R 0	19°22	9°15	n.a.	S 5
S 6	3 50 19	28°25'43	10♓24	15°32	11°12	1°12	11°57	11°47	0°14	7°35	6°34	17°59	19°19	9°22	n.a.	S 6
M 7	3 54 16	29°26'51	23°46	17° 4	12°27	1°54	12° 8	11°51	0°17	7°34	6°33	17°56	19°16	9°29	n.a.	M 7
T 8	3 58 12	0♐27'58	6♈52	18°38	13°42	2°36	12°19	11°55	0°21	7°32	6°32	17°51	19°13	9°35	n.a.	T 8
W 9	4 2 9	1°29'03	19°45	20°12	14°57	3°19	12°31	11°59	0°24	7°30	6°31	17°44	19°10	9°42	n.a.	W 9
T 10	4 6 6	2°30'07	2♉27	21°47	16°12	4° 1	12°41	12° 4	0°28	7°29	6°30	17°36	19° 6	9°49	n.a.	T 10
F 11	4 10 2	3°31'10	14°56	23°22	17°27	4°43	12°52	12° 8	0°31	7°27	6°29	17°27	19° 3	9°55	n.a.	F 11
S 12	4 13 59	4°32'12	27°15	24°58	18°42	5°25	13° 3	12°12	0°35	7°25	6°28	17°19	19° 0	10° 2	n.a.	S 12
S 13	4 17 55	5°33'13	9♊24	26°35	19°58	6° 7	13°14	12°17	0°38	7°24	6°27	17°12	18°57	10° 9	n.a.	S 13
M14	4 21 52	6°34'12	21°24	28°12	21°13	6°49	13°24	12°21	0°42	7°22	6°26	17° 7	18°54	10°15	n.a.	M14
T 15	4 25 48	7°35'10	3♋17	29°50	22°28	7°31	13°35	12°26	0°45	7°20	6°25	17° 4	18°51	10°22	n.a.	T 15
W16	4 29 45	8°36'08	15° 5	1♐28	23°43	8°13	13°45	12°31	0°49	7°19	6°24	17°D 3	18°47	10°29	n.a.	W16
T 17	4 33 42	9°37'03	26°52	3° 7	24°58	8°55	13°56	12°35	0°52	7°17	6°23	17° 3	18°44	10°35	n.a.	T 17
F 18	4 37 38	10°37'58	8♌40	4°47	26°13	9°37	14° 6	12°40	0°56	7°15	6°22	17° 5	18°41	10°42	n.a.	F 18
S 19	4 41 35	11°38'52	20°35	6°28	27°28	10°19	14°16	12°45	0°59	7°14	6°21	17° 6	18°38	10°49	n.a.	S 19
S 20	4 45 31	12°39'44	2♍41	8° 9	28°43	11° 1	14°26	12°50	1° 3	7°12	6°20	17° 8	18°35	10°55	n.a.	S 20
M21	4 49 28	13°40'35	15° 3	9°51	29°58	11°43	14°36	12°56	1° 6	7°10	6°19	17°R 8	18°31	11° 2	n.a.	M21
T 22	4 53 24	14°41'25	27°45	11°34	1♐13	12°24	14°45	13° 1	1°10	7° 8	6°18	17° 7	18°28	11° 8	n.a.	T 22
W23	4 57 21	15°42'14	10♎53	13°18	2°28	13° 6	14°55	13° 6	1°13	7° 7	6°17	17° 5	18°25	11°15	n.a.	W23
T 24	5 1 17	16°43'01	24°29	15° 2	3°43	13°48	15° 5	13°11	1°17	7° 5	6°16	17° 2	18°22	11°22	n.a.	T 24
F 25	5 5 14	17°43'48	8♏33	16°48	4°58	14°30	15°14	13°17	1°20	7° 3	6°15	16°57	18°19	11°28	n.a.	F 25
S 26	5 9 11	18°44'32	23° 3	18°34	6°13	15°12	15°23	13°22	1°23	7° 2	6°15	16°53	18°16	11°35	n.a.	S 26
S 27	5 13 7	19°45'16	7♐55	20°20	7°28	15°53	15°33	13°28	1°27	7° 0	6°14	16°49	18°12	11°42	n.a.	S 27
M28	5 17 4	20°45'58	23° 0	22° 8	8°43	16°35	15°42	13°34	1°30	6°59	6°13	16°46	18° 9	11°48	n.a.	M28
T 29	5 21 0	21°46'38	8♑ 9	23°56	9°57	17°17	15°51	13°39	1°34	6°57	6°12	16°45	18° 6	11°55	n.a.	T 29
W30	5 24 57	22°47'16	23°13	25°45	11°12	17°59	16° 0	13°45	1°37	6°55	6°11	16°D45	18° 3	12° 2	n.a.	W30
T 31	5 28 53	23♐47'53	8♒ 3	27♐35	12♐27	18♒40	16♎ 8	13♒51	1♐40	6♊54	6♉10	16♋46	18♋ 0	12♋ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	18s59	22s18	1n37	14s33	0s 8	12s41	0n48	22s13	1s12	3s24	1n 8	19s49	2s13	20s38	0s 5	21n17	0s46	8n20	6s 1	22n41	22n28	22n40			n.a.
W 2	19 15	22 49	0 20	15 9	0 14	13 8	0 46	22 4	1 11	3 29	1 8	19 47	2 13	20 39	0 5	21 17	0 46	8 20	6 1	22 42	22 28	22 40			n.a.
T 3	19 30	21 47	0s58	15 45	0 21	13 36	0 43	21 54	1 10	3 33	1 8	19 46	2 12	20 39	0 5	21 16	0 46	8 20	6 1	22 42	22 29	22 41			n.a.
F 4	19 44	19 22	2 10	16 20	0 28	14 3	0 41	21 44	1 9	3 38	1 8	19 45	2 12	20 40	0 5	21 16	0 46	8 20	6 1	22 41	22 29	22 41			n.a.
S 5	19 59	15 51	3 14	16 54	0 34	14 29	0 39	21 33	1 8	3 42	1 8	19 44	2 12	20 41	0 5	21 16	0 46	8 19	6 1	22 41	22 30	22 42			n.a.
S 6	20 13	11 35	4 5	17 28	0 41	14 55	0 36	21 23	1 7	3 47	1 8	19 43	2 12	20 42	0 5	21 16	0 46	8 19	6 1	22 41	22 30	22 42			n.a.
M 7	20 27	6 49	4 41	18 1	0 47	15 21	0 34	21 12	1 6	3 51	1 8	19 41	2 12	20 43	0 5	21 15	0 46	8 19	6 0	22 42	22 31	22 42			n.a.
T 8	20 40	1 50	5 2	18 34	0 53	15 46	0 31	21 2	1 5	3 56	1 8	19 40	2 12	20 43	0 5	21 15	0 46	8 19	6 0	22 43	22 31	22 43			n.a.
W 9	20 53	3n 9	5 8	19 6	0 59	16 11	0 29	20 51	1 4	4 0	1 8	19 39	2 11	20 44	0 5	21 15	0 46	8 18	6 0	22 43	22 32	22 43			n.a.
T 10	21 5	7 55	4 58	19 37	1 4	16 36	0 27	20 40	1 3	4 4	1 8	19 37	2 11	20 45	0 5	21 15	0 46	8 18	6 0	22 45	22 32	22 44			n.a.
F 11	21 17	12 17	4 34	20 7	1 10	17 0	0 24	20 28	1 2	4 8	1 8	19 36	2 11	20 46	0 5	21 14	0 46	8 18	6 0	22 46	22 33	22 44			n.a.
S 12	21 29	16 6	3 57	20 36	1 15	17 24	0 22	20 17	1 1	4 13	1 8	19 34	2 11	20 46	0 5	21 14	0 46	8 18	6 0	22 47	22 33	22 44			n.a.
S 13	21 40	19 11	3 10	21 5	1 20	17 47	0 19	20 5	1 0	4 17	1 8	19 33	2 11	20 47	0 5	21 14	0 46	8 17	6 0	22 48	22 33	22 45			n.a.
M14	21 51	21 24	2 15	21 32	1 25	18 10	0 17	19 54	0 59	4 21	1 8	19 31	2 11	20 48	0 5	21 14	0 46	8 17	6 0	22 48	22 34	22 45			n.a.
T 15	22 1	22 39	1 14	21 59	1 29	18 32	0 14	19 42	0 58	4 25	1 9	19 30	2 10	20 49	0 5	21 13	0 46	8 17	5 59	22 49	22 34	22 45			n.a.
W16	22 11	22 53	0 11	22 24	1 33	18 53	0 12	19 30	0 57	4 29	1 9	19 28	2 10	20 49	0 5	21 13	0 46	8 17	5 59	22 49	22 35	22 46			n.a.
T 17	22 21	22 5	0n53	22 48	1 37	19 15	0 9	19 17	0 56	4 33	1 9	19 27	2 10	20 50	0 5	21 13	0 46	8 16	5 59	22 49	22 35	22 46			n.a.
F 18	22 30	20 19	1 55	23 11	1 41	19 35	0 7	19 5	0 55	4 37	1 9	19 25	2 10	20 51	0 5	21 12	0 46	8 16	5 59	22 49	22 36	22 46			n.a.
S 19	22 38	17 39	2 53	23 33	1 44	19 55	0 4	18 53	0 54	4 41	1 9	19 24	2 10	20 52	0 5	21 12	0 46	8 16	5 59	22 48	22 36	22 47			n.a.
S 20	22 47	14 12	3 44	23 53	1 48	20 15	0 2	18 40	0 53	4 45	1 9	19 22	2 10	20 52	0 5	21 12	0 46	8 16	5 59	22 48	22 37	22 47			n.a.
M21	22 54	10 5	4 26	24 12	1 50	20 34	0s 0	18 27	0 52	4 49	1 9	19 20	2 9	20 53	0 5	21 12	0 46	8 16	5 59	22 48	22 37	22 47			n.a.
T 22	23 2	5 25	4 56	24 29	1 53	20 52	0 3	18 14	0 51	4 52	1 9	19 19	2 9	20 54	0 5	21 11	0 46	8 16	5 59	22 48	22 37	22 48			n.a.
W23	23 8	0 22	5 12	24 45	1 55	21 10	0 5	18 1	0 50	4 56	1 9	19 17	2 9	20 55	0 5	21 11	0 46	8 15	5 58	22 49	22 38	22 48			n.a.
T 24	23 15	4s52	5 11	25 0	1 56	21 27	0 8	17 48	0 49	5 0	1 9	19 15	2 9	20 55	0 5	21 11	0 46	8 15	5 58	22 49	22 38	22 48			n.a.
F 25	23 21	10 3	4 52	25 12	1 57	21 44	0 10	17 35	0 48	5 3	1 9	19 14	2 9	20 56	0 5	21 11	0 46	8 15	5 58	22 50	22 39	22 48			n.a.
S 26	23 26	14 50	4 14	25 23	1 58	21 59	0 13	17 21	0 47	5 7	1 10	19 12	2 9	20 57	0 5	21 10	0 46	8 15	5 58	22 50	22 39	22 49			n.a.
S 27	23 31	18 50	3 18	25 32	1 59	22 15	0 15	17 8	0 46	5 10	1 10	19 10	2 9	20 57	0 5	21 10	0 46	8 15	5 58	22 51	22 40	22 49			n.a.
M28	23 36	21 37	2 7	25 39	1 58	22 29	0 17	16 54	0 45	5 14	1 10	19 8	2 8	20 58	0 5	21 10	0 46	8 15	5 58	22 51	22 40	22 49			n.a.
T 29	23 40	22 53	0 47	25 45	1 58	22 43	0 20	16 40	0 44	5 17	1 10	19 6	2 8	20 59	0 5	21 10	0 46	8 15	5 58	22 51	22 41	22 50			n.a.
W30	23 44	22 28	0s36	25 48	1 57	22 56	0 22	16 26	0 43	5 21	1 10	19 5	2 8	21 0	0 5	21 9	0 46	8 14	5 57	22 51	22 41	22 50			n.a.
T 31	23s47	20s28	1s55	25s49	1s55	23s 9	0s24	16s12	0s43	5s24	1n10	19s 3	2s 8	21s 0	0s 5	21n 9	0s46	8n14	5s57	22n51	22n41	22n50			n.a.

Julian Day Number = 976647.5, Delta T = 13h18m50s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°11'01, Lahiri = -32°04'01 Julian Calendar 1 Dec. 2040 BCE == Greg. Calendar 14 Nov. 2040 BCE

The year -2039 astronomical counting style corresponds to year 2040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

JANUARY 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 32 50	24♐48'27	22♒34	29♐25	13♐42	19♒22	16♎17	13♒57	1♐44	6°R52	6°R10	16♋47	17♋57	12♋15	n.a.	F 1
S 2	5 36 46	25°48'59	6♓42	1♑16	14°57	20° 3	16°25	14° 3	1°47	6♊50	6♉ 9	16°48	17°53	12°22	n.a.	S 2
S 3	5 40 43	26°49'29	20°26	3° 7	16°12	20°45	16°34	14° 9	1°50	6°49	6° 8	16°49	17°50	12°28	n.a.	S 3
M 4	5 44 40	27°49'57	3♈47	4°59	17°27	21°27	16°42	14°15	1°54	6°47	6° 8	16°R49	17°47	12°35	n.a.	M 4
T 5	5 48 36	28°50'23	16°48	6°50	18°41	22° 8	16°50	14°21	1°57	6°46	6° 7	16°48	17°44	12°42	n.a.	T 5
W 6	5 52 33	29°50'47	29°30	8°42	19°56	22°50	16°58	14°28	2° 0	6°44	6° 6	16°47	17°41	12°48	n.a.	W 6
T 7	5 56 29	0♑51'09	11♉57	10°34	21°11	23°31	17° 6	14°34	2° 3	6°43	6° 6	16°44	17°37	12°55	n.a.	T 7
F 8	6 0 26	1°51'28	24°12	12°25	22°26	24°12	17°14	14°40	2° 6	6°41	6° 5	16°42	17°34	13° 1	n.a.	F 8
S 9	6 4 22	2°51'46	6♊17	14°16	23°41	24°54	17°21	14°47	2°10	6°40	6° 4	16°40	17°31	13° 8	n.a.	S 9
S 10	6 8 19	3°52'01	18°15	16° 6	24°55	25°35	17°29	14°53	2°13	6°38	6° 4	16°38	17°28	13°15	n.a.	S 10
M11	6 12 15	4°52'14	0♋ 7	17°54	26°10	26°17	17°36	15° 0	2°16	6°37	6° 3	16°37	17°25	13°21	n.a.	M11
T 12	6 16 12	5°52'26	11°55	19°41	27°25	26°58	17°43	15° 6	2°19	6°35	6° 3	16°D36	17°22	13°28	n.a.	T 12
W13	6 20 9	6°52'35	23°43	21°25	28°39	27°39	17°50	15°13	2°22	6°34	6° 2	16°36	17°18	13°35	n.a.	W13
T 14	6 24 5	7°52'42	5♌32	23° 7	29°54	28°20	17°57	15°20	2°25	6°33	6° 2	16°37	17°15	13°41	n.a.	T 14
F 15	6 28 2	8°52'48	17°24	24°46	1♑ 9	29° 2	18° 3	15°26	2°28	6°31	6° 1	16°38	17°12	13°48	n.a.	F 15
S 16	6 31 58	9°52'51	29°23	26°21	2°23	29°43	18°10	15°33	2°31	6°30	6° 1	16°38	17° 9	13°55	n.a.	S 16
S 17	6 35 55	10°52'53	11♍32	27°52	3°38	0♓24	18°16	15°40	2°34	6°28	6° 0	16°39	17° 6	14° 1	n.a.	S 17
M18	6 39 51	11°52'53	23°55	29°19	4°53	1° 5	18°23	15°47	2°37	6°27	6° 0	16°39	17° 3	14° 8	n.a.	M18
T 19	6 43 48	12°52'51	6♎36	0♒39	6° 7	1°46	18°29	15°54	2°40	6°26	5°59	16°40	16°59	14°15	n.a.	T 19
W20	6 47 44	13°52'47	19°38	1°54	7°22	2°27	18°35	16° 1	2°43	6°25	5°59	16°R40	16°56	14°21	n.a.	W20
T 21	6 51 41	14°52'41	3♏ 4	3° 3	8°36	3° 8	18°40	16° 8	2°46	6°23	5°59	16°40	16°53	14°28	n.a.	T 21
F 22	6 55 38	15°52'33	16°57	4° 4	9°51	3°49	18°46	16°15	2°48	6°22	5°58	16°39	16°50	14°35	n.a.	F 22
S 23	6 59 34	16°52'24	1♐15	4°58	11° 6	4°30	18°52	16°22	2°51	6°21	5°58	16°D39	16°47	14°41	n.a.	S 23
S 24	7 3 31	17°52'13	15°58	5°45	12°20	5°11	18°57	16°29	2°54	6°20	5°58	16°40	16°43	14°48	n.a.	S 24
M25	7 7 27	18°51'59	0♑58	6°23	13°35	5°52	19° 2	16°36	2°57	6°19	5°58	16°40	16°40	14°54	n.a.	M25
T 26	7 11 24	19°51'44	16°10	6°52	14°49	6°33	19° 7	16°43	2°59	6°17	5°57	16°R40	16°37	15° 1	n.a.	T 26
W27	7 15 20	20°51'27	1♒22	7°14	16° 4	7°14	19°12	16°51	3° 2	6°16	5°57	16°40	16°34	15° 8	n.a.	W27
T 28	7 19 17	21°51'07	16°26	7°26	17°18	7°55	19°16	16°58	3° 5	6°15	5°57	16°39	16°31	15°14	n.a.	T 28
F 29	7 23 13	22°50'45	1♓12	7°R30	18°33	8°36	19°21	17° 5	3° 7	6°14	5°57	16°39	16°28	15°21	n.a.	F 29
S 30	7 27 10	23°50'20	15°36	7°25	19°47	9°17	19°25	17°13	3°10	6°13	5°57	16°38	16°24	15°28	n.a.	S 30
S 31	7 31 6	24♑49'53	29♓33	7♒12	21♑ 2	9♓58	19♎29	17♒20	3♐12	6♊12	5♉56	16♋37	16♋21	15♋34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s49	17s11	3s 5	25s48	1s53	23s21	0s27	15s58	0s42	5s27	1n10	19s 1	2s 8	21s 1	0s 5	21n 9	0s46	8n14	5s57	22n51	22n42	22n50		n.a.
S 2	23 52	12 58	4 2	25 45	1 50	23 32	0 29	15 44	0 41	5 30	1 10	18 59	2 8	21 2	0 5	21 9	0 46	8 14	5 57	22 51	22 42	22 51		n.a.
S 3	23 53	8 11	4 43	25 40	1 46	23 43	0 31	15 30	0 40	5 34	1 10	18 57	2 8	21 2	0 5	21 8	0 46	8 14	5 57	22 51	22 43	22 51		n.a.
M 4	23 55	3 10	5 8	25 32	1 42	23 52	0 33	15 15	0 39	5 37	1 11	18 55	2 8	21 3	0 5	21 8	0 46	8 14	5 57	22 51	22 43	22 51		n.a.
T 5	23 55	1n53	5 16	25 22	1 38	24 1	0 35	15 1	0 38	5 40	1 11	18 53	2 7	21 4	0 5	21 8	0 46	8 14	5 56	22 51	22 44	22 51		n.a.
W 6	23 56	6 43	5 8	25 10	1 32	24 10	0 38	14 46	0 37	5 43	1 11	18 51	2 7	21 4	0 5	21 8	0 46	8 14	5 56	22 51	22 44	22 52		n.a.
T 7	23 55	11 12	4 46	24 56	1 26	24 17	0 40	14 31	0 36	5 46	1 11	18 49	2 7	21 5	0 5	21 7	0 46	8 14	5 56	22 51	22 44	22 52		n.a.
F 8	23 55	15 9	4 11	24 39	1 19	24 24	0 42	14 17	0 35	5 49	1 11	18 47	2 7	21 6	0 5	21 7	0 46	8 14	5 56	22 52	22 45	22 52		n.a.
S 9	23 54	18 26	3 25	24 20	1 12	24 30	0 44	14 2	0 34	5 51	1 11	18 45	2 7	21 6	0 6	21 7	0 46	8 14	5 56	22 52	22 45	22 52		n.a.
S 10	23 52	20 53	2 31	23 59	1 3	24 35	0 46	13 47	0 34	5 54	1 11	18 43	2 7	21 7	0 6	21 7	0 46	8 14	5 56	22 52	22 46	22 53		n.a.
M11	23 50	22 25	1 30	23 36	0 54	24 40	0 48	13 31	0 33	5 57	1 11	18 41	2 7	21 8	0 6	21 6	0 46	8 14	5 55	22 52	22 46	22 53		n.a.
T 12	23 48	22 57	0 26	23 11	0 44	24 44	0 50	13 16	0 32	5 59	1 12	18 39	2 7	21 8	0 6	21 6	0 46	8 14	5 55	22 52	22 46	22 53		n.a.
W13	23 45	22 27	0n39	22 44	0 34	24 47	0 51	13 1	0 31	6 2	1 12	18 37	2 7	21 9	0 6	21 6	0 46	8 14	5 55	22 52	22 47	22 53		n.a.
T 14	23 41	20 56	1 43	22 16	0 22	24 49	0 53	12 46	0 30	6 5	1 12	18 35	2 7	21 10	0 6	21 6	0 46	8 14	5 55	22 52	22 47	22 53		n.a.
F 15	23 37	18 31	2 43	21 47	0 10	24 50	0 55	12 30	0 29	6 7	1 12	18 33	2 6	21 10	0 6	21 6	0 46	8 14	5 55	22 52	22 48	22 53		n.a.
S 16	23 33	15 17	3 36	21 16	0n 2	24 51	0 57	12 15	0 28	6 9	1 12	18 30	2 6	21 11	0 6	21 5	0 45	8 14	5 55	22 52	22 48	22 54		n.a.
S 17	23 28	11 23	4 20	20 45	0 16	24 51	0 59	11 59	0 28	6 12	1 12	18 28	2 6	21 11	0 6	21 5	0 45	8 14	5 54	22 52	22 49	22 54		n.a.
M18	23 23	6 56	4 54	20 14	0 30	24 50	1 0	11 43	0 27	6 14	1 12	18 26	2 6	21 12	0 6	21 5	0 45	8 14	5 54	22 52	22 49	22 54		n.a.
T 19	23 17	2 6	5 13	19 42	0 44	24 49	1 2	11 28	0 26	6 16	1 12	18 24	2 6	21 13	0 6	21 5	0 45	8 14	5 54	22 52	22 49	22 54		n.a.
W20	23 11	2s57	5 18	19 11	0 59	24 46	1 3	11 12	0 25	6 19	1 13	18 22	2 6	21 13	0 6	21 4	0 45	8 14	5 54	22 52	22 50	22 54		n.a.
T 21	23 5	8 1	5 5	18 41	1 14	24 43	1 5	10 56	0 24	6 21	1 13	18 19	2 6	21 14	0 6	21 4	0 45	8 14	5 54	22 52	22 50	22 54		n.a.
F 22	22 58	12 51	4 35	18 12	1 29	24 39	1 6	10 40	0 23	6 23	1 13	18 17	2 6	21 14	0 6	21 4	0 45	8 14	5 53	22 52	22 51	22 55		n.a.
S 23	22 50	17 8	3 47	17 44	1 44	24 35	1 8	10 24	0 23	6 25	1 13	18 15	2 6	21 15	0 6	21 4	0 45	8 14	5 53	22 52	22 51	22 55		n.a.
S 24	22 42	20 28	2 43	17 18	1 59	24 29	1 9	10 8	0 22	6 27	1 13	18 13	2 6	21 15	0 6	21 4	0 45	8 14	5 53	22 52	22 51	22 55		n.a.
M25	22 34	22 29	1 26	16 54	2 13	24 23	1 10	9 52	0 21	6 28	1 13	18 10	2 6	21 16	0 6	21 4	0 45	8 14	5 53	22 52	22 52	22 55		n.a.
T 26	22 25	22 53	0 3	16 33	2 28	24 16	1 12	9 36	0 20	6 30	1 13	18 8	2 6	21 17	0 6	21 3	0 45	8 14	5 53	22 52	22 52	22 55		n.a.
W27	22 16	21 35	1s21	16 14	2 42	24 9	1 13	9 20	0 19	6 32	1 14	18 6	2 6	21 17	0 6	21 3	0 45	8 14	5 53	22 52	22 53	22 55		n.a.
T 28	22 7	18 45	2 38	15 59	2 55	24 0	1 14	9 3	0 19	6 34	1 14	18 3	2 6	21 18	0 6	21 3	0 45	8 14	5 52	22 52	22 53	22 55		n.a.
F 29	21 57	14 44	3 43	15 46	3 7	23 51	1 15	8 47	0 18	6 35	1 14	18 1	2 6	21 18	0 6	21 3	0 45	8 15	5 52	22 52	22 53	22 55		n.a.
S 30	21 47	9 57	4 32	15 36	3 18	23 41	1 16	8 31	0 17	6 37	1 14	17 59	2 5	21 19	0 6	21 3	0 45	8 15	5 52	22 52	22 54	22 56		n.a.
S 31	21s36	4s48	5s 4	15s30	3n28	23s31	1s17	8s14	0s16	6s38	1n14	17s56	2s 5	21s19	0s 6	21n 3	0s45	8n15	5s52	22n52	22n54	22n56		n.a.

Julian Day Number = 976678.5, Delta T = 13h18m47s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'57, Lahiri = -32°03'56 Julian Calendar 1 Jan. 2039 BCE == Greg. Calendar 15 Dec. 2040 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

FEBRUARY 2039 BCE (-2038) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 35 3	25♉49'23	13♈ 3	6°R52	22♉16	10♓38	19♎33	17♒27	3♐15	6°R11	5°R56	16°R36	16♋18	15♋41	n.a.	M 1
T 2	7 39 0	26°48'51	26° 7	6♒24	23°31	11°19	19°37	17°35	3°17	6♊10	5♌56	16°D36	16°15	15°48	n.a.	T 2
W 3	7 42 56	27°48'16	8♌49	5°50	24°45	12° 0	19°41	17°42	3°20	6° 9	5°56	16♋36	16°12	15°54	n.a.	W 3
T 4	7 46 53	28°47'39	21°11	5°10	26° 0	12°40	19°44	17°50	3°22	6° 8	5°56	16°37	16° 9	16° 1	n.a.	T 4
F 5	7 50 49	29°47'00	3♊19	4°26	27°14	13°21	19°47	17°57	3°24	6° 7	5°D56	16°38	16° 5	16° 8	n.a.	F 5
S 6	7 54 46	0♒46'18	15°16	3°37	28°28	14° 1	19°50	18° 5	3°27	6° 7	5°56	16°40	16° 2	16°14	n.a.	S 6
S 7	7 58 42	1°45'34	27° 7	2°46	29°43	14°42	19°53	18°12	3°29	6° 6	5°56	16°41	15°59	16°21	n.a.	S 7
M 8	8 2 39	2°44'47	8♋54	1°54	0♒57	15°23	19°56	18°20	3°31	6° 5	5°56	16°42	15°56	16°28	n.a.	M 8
T 9	8 6 35	3°43'58	20°41	1° 1	2°11	16° 3	19°58	18°28	3°33	6° 4	5°56	16°R42	15°53	16°34	n.a.	T 9
W10	8 10 32	4°43'06	2♌31	0° 8	3°26	16°44	20° 1	18°35	3°35	6° 3	5°57	16°41	15°49	16°41	n.a.	W10
T 11	8 14 29	5°42'13	14°25	29♉18	4°40	17°24	20° 3	18°43	3°38	6° 3	5°57	16°39	15°46	16°47	n.a.	T 11
F 12	8 18 25	6°41'17	26°26	28°29	5°54	18° 4	20° 5	18°50	3°40	6° 2	5°57	16°37	15°43	16°54	n.a.	F 12
S 13	8 22 22	7°40'19	8♍35	27°45	7° 9	18°45	20° 7	18°58	3°42	6° 1	5°57	16°33	15°40	17° 1	n.a.	S 13
S 14	8 26 18	8°39'19	20°54	27° 4	8°23	19°25	20° 8	19° 6	3°44	6° 1	5°57	16°30	15°37	17° 7	n.a.	S 14
M15	8 30 15	9°38'17	3♎26	26°27	9°37	20° 5	20°10	19°14	3°46	6° 0	5°57	16°27	15°34	17°14	n.a.	M15
T 16	8 34 11	10°37'13	16°12	25°56	10°51	20°46	20°11	19°21	3°47	6° 0	5°58	16°24	15°30	17°21	n.a.	T 16
W17	8 38 8	11°36'07	29°15	25°30	12° 5	21°26	20°12	19°29	3°49	5°59	5°58	16°22	15°27	17°27	n.a.	W17
T 18	8 42 4	12°34'59	12♏37	25°10	13°20	22° 6	20°13	19°37	3°51	5°59	5°58	16°D21	15°24	17°34	n.a.	T 18
F 19	8 46 1	13°33'49	26°19	24°55	14°34	22°46	20°14	19°44	3°53	5°58	5°59	16°22	15°21	17°41	n.a.	F 19
S 20	8 49 57	14°32'38	10♐23	24°45	15°48	23°26	20°14	19°52	3°54	5°58	5°59	16°23	15°18	17°47	n.a.	S 20
S 21	8 53 54	15°31'24	24°48	24°D41	17° 2	24° 7	20°14	20° 0	3°56	5°58	5°59	16°25	15°15	17°54	n.a.	S 21
M22	8 57 50	16°30'09	9♑31	24°43	18°16	24°47	20°R15	20° 8	3°58	5°57	6° 0	16°R26	15°11	18° 1	n.a.	M22
T 23	9 1 47	17°28'52	24°28	24°50	19°31	25°27	20°14	20°15	3°59	5°57	6° 0	16°26	15° 8	18° 7	n.a.	T 23
W24	9 5 44	18°27'32	9♒31	25° 2	20°45	26° 7	20°14	20°23	4° 1	5°57	6° 0	16°24	15° 5	18°14	n.a.	W24
T 25	9 9 40	19°26'11	24°31	25°19	21°59	26°47	20°14	20°31	4° 2	5°56	6° 1	16°21	15° 2	18°21	n.a.	T 25
F 26	9 13 37	20°24'47	9♓20	25°40	23°13	27°27	20°13	20°39	4° 4	5°56	6° 1	16°16	14°59	18°27	n.a.	F 26
S 27	9 17 33	21°23'22	23°49	26° 7	24°27	28° 7	20°12	20°47	4° 5	5°56	6° 2	16°11	14°55	18°34	n.a.	S 27
S 28	9 21 30	22♒21'53	7♈55	26♉37	25♒41	28♓47	20♎11	20♒54	4♐ 6	5♊56	6♌ 2	16♋ 6	14♋52	18♋40	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s25	0n24	5s17	15s27	3n36	23s20	1s18	7s58	0s16	6s40	1n14	17s54	2s 5	21s20	0s 6	21n 3	0s45	8n15	5s52	22n52	22n55	22n56		n.a.
T 2	21 13	5 26	5 13	15 27	3 43	23 8	1 19	7 42	0 15	6 41	1 14	17 52	2 5	21 20	0 6	21 2	0 45	8 15	5 51	22 52	22 55	22 56		n.a.
W 3	21 1	10 5	4 54	15 31	3 48	22 55	1 20	7 25	0 14	6 42	1 15	17 49	2 5	21 21	0 6	21 2	0 45	8 15	5 51	22 52	22 55	22 56		n.a.
T 4	20 49	14 13	4 22	15 37	3 52	22 42	1 20	7 8	0 13	6 43	1 15	17 47	2 5	21 21	0 6	21 2	0 45	8 15	5 51	22 52	22 56	22 56		n.a.
F 5	20 37	17 41	3 38	15 46	3 53	22 28	1 21	6 52	0 12	6 44	1 15	17 45	2 5	21 22	0 6	21 2	0 45	8 16	5 51	22 52	22 56	22 56		n.a.
S 6	20 24	20 21	2 46	15 58	3 53	22 13	1 22	6 35	0 12	6 45	1 15	17 42	2 5	21 22	0 6	21 2	0 45	8 16	5 51	22 52	22 57	22 56		n.a.
S 7	20 10	22 7	1 47	16 12	3 51	21 58	1 22	6 19	0 11	6 46	1 15	17 40	2 5	21 23	0 6	21 2	0 45	8 16	5 51	22 52	22 57	22 56		n.a.
M 8	19 57	22 54	0 43	16 28	3 47	21 42	1 23	6 2	0 10	6 47	1 15	17 37	2 5	21 23	0 6	21 2	0 45	8 16	5 50	22 52	22 57	22 56		n.a.
T 9	19 43	22 40	0n22	16 45	3 41	21 25	1 23	5 45	0 9	6 48	1 16	17 35	2 5	21 23	0 6	21 2	0 45	8 16	5 50	22 52	22 58	22 56		n.a.
W10	19 28	21 24	1 26	17 4	3 33	21 8	1 24	5 29	0 9	6 49	1 16	17 32	2 5	21 24	0 6	21 1	0 45	8 17	5 50	22 52	22 58	22 56		n.a.
T 11	19 14	19 11	2 27	17 23	3 24	20 51	1 24	5 12	0 8	6 50	1 16	17 30	2 5	21 24	0 6	21 1	0 45	8 17	5 50	22 52	22 58	22 56		n.a.
F 12	18 59	16 7	3 22	17 43	3 14	20 32	1 24	4 55	0 7	6 50	1 16	17 28	2 5	21 25	0 6	21 1	0 45	8 17	5 50	22 52	22 59	22 56		n.a.
S 13	18 43	12 21	4 9	18 4	3 2	20 13	1 24	4 38	0 7	6 51	1 16	17 25	2 5	21 25	0 6	21 1	0 45	8 17	5 49	22 53	22 59	22 56		n.a.
S 14	18 28	8 1	4 44	18 24	2 50	19 54	1 24	4 22	0 6	6 51	1 16	17 23	2 5	21 25	0 6	21 1	0 45	8 17	5 49	22 53	23 0	22 56		n.a.
M15	18 12	3 17	5 7	18 44	2 36	19 34	1 25	4 5	0 5	6 52	1 16	17 20	2 5	21 26	0 6	21 1	0 45	8 18	5 49	22 54	23 0	22 56		n.a.
T 16	17 56	1s40	5 15	19 4	2 22	19 13	1 25	3 48	0 4	6 52	1 17	17 18	2 5	21 26	0 6	21 1	0 44	8 18	5 49	22 54	23 0	22 56		n.a.
W17	17 39	6 39	5 7	19 23	2 8	18 52	1 24	3 31	0 4	6 52	1 17	17 15	2 5	21 27	0 6	21 1	0 44	8 18	5 49	22 54	23 1	22 56		n.a.
T 18	17 22	11 27	4 42	19 41	1 53	18 30	1 24	3 14	0 3	6 52	1 17	17 13	2 5	21 27	0 6	21 1	0 44	8 19	5 48	22 54	23 1	22 56		n.a.
F 19	17 5	15 49	4 2	19 58	1 38	18 8	1 24	2 58	0 2	6 53	1 17	17 10	2 5	21 27	0 6	21 1	0 44	8 19	5 48	22 54	23 1	22 56		n.a.
S 20	16 48	19 24	3 5	20 15	1 23	17 45	1 24	2 41	0 2	6 53	1 17	17 8	2 5	21 28	0 6	21 1	0 44	8 19	5 48	22 54	23 2	22 56		n.a.
S 21	16 30	21 53	1 56	20 30	1 8	17 22	1 24	2 24	0 1	6 53	1 17	17 5	2 5	21 28	0 6	21 1	0 44	8 19	5 48	22 54	23 2	22 56		n.a.
M22	16 13	22 57	0 38	20 44	0 54	16 59	1 23	2 7	0 0	6 53	1 17	17 3	2 5	21 28	0 6	21 1	0 44	8 20	5 48	22 54	23 3	22 56		n.a.
T 23	15 54	22 23	0s44	20 57	0 39	16 35	1 23	1 50	0n 0	6 52	1 18	17 0	2 5	21 29	0 6	21 1	0 44	8 20	5 48	22 54	23 3	22 56		n.a.
W24	15 36	20 13	2 3	21 9	0 25	16 10	1 22	1 34	0 1	6 52	1 18	16 58	2 5	21 29	0 6	21 1	0 44	8 20	5 47	22 54	23 3	22 56		n.a.
T 25	15 18	16 39	3 13	21 19	0 12	15 45	1 22	1 17	0 2	6 52	1 18	16 55	2 5	21 29	0 6	21 1	0 44	8 21	5 47	22 54	23 4	22 56		n.a.
F 26	14 59	12 4	4 10	21 28	0s 1	15 20	1 21	1 0	0 2	6 52	1 18	16 53	2 5	21 29	0 6	21 1	0 44	8 21	5 47	22 55	23 4	22 56		n.a.
S 27	14 40	6 54	4 49	21 35	0 14	14 54	1 20	0 43	0 3	6 51	1 18	16 50	2 5	21 30	0 6	21 1	0 44	8 21	5 47	22 55	23 4	22 56		n.a.
S 28	14s20	1s31	5s 9	21s41	0s26	14s28	1s20	0s26	0n 4	6s51	1n18	16s48	2s 5	21s30	0s 6	21n 1	0s44	8n22	5s47	22n56	23n 5	22n56		n.a.

Julian Day Number = 976709.5, Delta T = 13h18m45s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'53, Lahiri = -32°03'52 Julian Calendar 1 Feb. 2039 BCE == Greg. Calendar 15 Jan. 2039 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

MARCH 2039 BCE (-2038) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 25 26	23♒20'23	21♈32	27♉12	26♒55	29♓27	20°R10	21♒ 2	4♐ 8	5°R56	6♉ 3	16°R 1	14♋49	18♋47	n.a.	M 1
T 2	9 29 23	24°18'50	4♉43	27°51	28° 9	0♈ 7	20♎ 9	21°10	4° 9	5♊56	6° 3	15♋58	14°46	18°54	n.a.	T 2
W 3	9 33 19	25°17'15	17°28	28°33	29°23	0°46	20° 7	21°18	4°10	5°55	6° 4	15°56	14°43	19° 0	n.a.	W 3
T 4	9 37 16	26°15'38	29°51	29°19	0♓37	1°26	20° 5	21°25	4°11	5°D55	6° 5	15°D56	14°40	19° 7	n.a.	T 4
F 5	9 41 12	27°13'58	11♊58	0♒ 8	1°51	2° 6	20° 3	21°33	4°12	5°55	6° 5	15°57	14°36	19°14	n.a.	F 5
S 6	9 45 9	28°12'17	23°54	1° 1	3° 5	2°46	20° 1	21°41	4°13	5°56	6° 6	15°58	14°33	19°20	n.a.	S 6
S 7	9 49 6	29°10'33	5♋42	1°57	4°19	3°26	19°59	21°49	4°14	5°56	6° 7	16° 0	14°30	19°27	n.a.	S 7
M 8	9 53 2	0♓ 8'47	17°29	2°56	5°33	4° 5	19°57	21°56	4°15	5°56	6° 7	16°R 0	14°27	19°34	n.a.	M 8
T 9	9 56 59	1° 6'58	29°17	3°57	6°47	4°45	19°54	22° 4	4°16	5°56	6° 8	15°59	14°24	19°40	n.a.	T 9
W10	10 0 55	2° 5'08	11♌11	5° 2	8° 1	5°25	19°51	22°12	4°17	5°56	6° 9	15°56	14°21	19°47	n.a.	W10
T 11	10 4 52	3° 3'15	23°14	6° 9	9°15	6° 4	19°48	22°20	4°18	5°56	6° 9	15°51	14°17	19°54	n.a.	T 11
F 12	10 8 48	4° 1'21	5♍26	7°18	10°29	6°44	19°45	22°27	4°19	5°56	6°10	15°44	14°14	20° 0	n.a.	F 12
S 13	10 12 45	4°59'25	17°50	8°30	11°43	7°23	19°41	22°35	4°19	5°57	6°11	15°35	14°11	20° 7	n.a.	S 13
S 14	10 16 41	5°57'26	0♎25	9°45	12°57	8° 3	19°38	22°43	4°20	5°57	6°12	15°26	14° 8	20°13	n.a.	S 14
M15	10 20 38	6°55'27	13°13	11° 1	14°11	8°43	19°34	22°50	4°21	5°57	6°12	15°18	14° 5	20°20	n.a.	M15
T 16	10 24 34	7°53'25	26°14	12°20	15°24	9°22	19°30	22°58	4°21	5°58	6°13	15°10	14° 1	20°27	n.a.	T 16
W17	10 28 31	8°51'22	9♏28	13°42	16°38	10° 2	19°26	23° 5	4°22	5°58	6°14	15° 4	13°58	20°33	n.a.	W17
T 18	10 32 28	9°49'18	22°55	15° 5	17°52	10°41	19°22	23°13	4°22	5°59	6°15	15° 1	13°55	20°40	n.a.	T 18
F 19	10 36 24	10°47'12	6♐36	16°30	19° 6	11°20	19°18	23°21	4°23	5°59	6°16	15°D 0	13°52	20°47	n.a.	F 19
S 20	10 40 21	11°45'04	20°32	17°58	20°20	12° 0	19°13	23°28	4°23	6° 0	6°17	15° 0	13°49	20°53	n.a.	S 20
S 21	10 44 17	12°42'56	4♑42	19°27	21°33	12°39	19° 9	23°36	4°23	6° 0	6°18	15° 1	13°46	21° 0	n.a.	S 21
M22	10 48 14	13°40'46	19° 6	20°59	22°47	13°19	19° 4	23°43	4°24	6° 1	6°19	15°R 1	13°42	21° 7	n.a.	M22
T 23	10 52 10	14°38'34	3♒40	22°33	24° 1	13°58	18°59	23°51	4°24	6° 1	6°20	14°59	13°39	21°13	n.a.	T 23
W24	10 56 7	15°36'21	18°22	24° 8	25°15	14°37	18°54	23°58	4°24	6° 2	6°21	14°56	13°36	21°20	n.a.	W24
T 25	11 0 3	16°34'07	3♓ 3	25°46	26°28	15°16	18°48	24° 5	4°24	6° 3	6°22	14°50	13°33	21°27	n.a.	T 25
F 26	11 4 0	17°31'51	17°38	27°26	27°42	15°56	18°43	24°13	4°24	6° 3	6°23	14°41	13°30	21°33	n.a.	F 26
S 27	11 7 57	18°29'33	1♈59	29° 7	28°56	16°35	18°37	24°20	4°R24	6° 4	6°24	14°31	13°26	21°40	n.a.	S 27
S 28	11 11 53	19°27'14	16° 0	0♓51	0♈ 9	17°14	18°32	24°27	4°24	6° 5	6°25	14°21	13°23	21°47	n.a.	S 28
M29	11 15 50	20°24'53	29°37	2°36	1°23	17°53	18°26	24°35	4°24	6° 6	6°26	14°12	13°20	21°53	n.a.	M29
T 30	11 19 46	21°22'31	12♉49	4°24	2°37	18°33	18°20	24°42	4°24	6° 6	6°27	14° 4	13°17	22° 0	n.a.	T 30
W31	11 23 43	22♓20'07	25♉36	6♓14	3♈50	19♈12	18♎14	24♒49	4♐24	6♊ 7	6♉28	13♋59	13♋14	22♋ 6	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	14s 1	3n47	5s10	21s46	0s38	14s 1	1s19	0s 9	0n 4	6s50	1n18	16s45	2s 5	21s30	0s 6	21n 1	0s44	8n22	5s46	22n57	23n 5	22n56			n.a.
T 2	13 41	8 43	4 55	21 49	0 49	13 34	1 18	0n 7	0 5	6 49	1 18	16 43	2 6	21 31	0 6	21 1	0 44	8 22	5 46	22 57	23 5	22 56			n.a.
W 3	13 21	13 8	4 26	21 51	1 0	13 7	1 17	0 24	0 6	6 49	1 19	16 40	2 6	21 31	0 6	21 1	0 44	8 23	5 46	22 57	23 6	22 56			n.a.
T 4	13 1	16 52	3 45	21 51	1 10	12 40	1 16	0 41	0 6	6 48	1 19	16 38	2 6	21 31	0 6	21 1	0 44	8 23	5 46	22 57	23 6	22 56			n.a.
F 5	12 41	19 48	2 55	21 49	1 19	12 12	1 15	0 58	0 7	6 47	1 19	16 35	2 6	21 31	0 6	21 1	0 44	8 23	5 46	22 57	23 7	22 56			n.a.
S 6	12 20	21 50	1 57	21 46	1 28	11 43	1 14	1 14	0 8	6 46	1 19	16 33	2 6	21 31	0 6	21 1	0 44	8 24	5 46	22 57	23 7	22 56			n.a.
S 7	12 0	22 52	0 56	21 42	1 37	11 15	1 13	1 31	0 8	6 45	1 19	16 30	2 6	21 32	0 6	21 1	0 44	8 24	5 45	22 57	23 7	22 56			n.a.
M 8	11 39	22 54	0n 8	21 36	1 44	10 46	1 12	1 48	0 9	6 44	1 19	16 28	2 6	21 32	0 6	21 1	0 44	8 25	5 45	22 57	23 8	22 55			n.a.
T 9	11 18	21 53	1 11	21 28	1 51	10 17	1 10	2 4	0 10	6 43	1 19	16 25	2 6	21 32	0 6	21 1	0 44	8 25	5 45	22 57	23 8	22 55			n.a.
W10	10 57	19 53	2 12	21 18	1 58	9 48	1 9	2 21	0 10	6 42	1 19	16 23	2 6	21 32	0 6	21 1	0 44	8 25	5 45	22 57	23 8	22 55			n.a.
T 11	10 35	17 0	3 7	21 7	2 4	9 18	1 8	2 37	0 11	6 40	1 19	16 20	2 6	21 32	0 6	21 1	0 44	8 26	5 45	22 58	23 9	22 55			n.a.
F 12	10 14	13 20	3 55	20 54	2 9	8 48	1 6	2 54	0 11	6 39	1 20	16 18	2 6	21 33	0 6	21 1	0 44	8 26	5 45	22 59	23 9	22 55			n.a.
S 13	9 52	9 4	4 32	20 40	2 14	8 18	1 5	3 10	0 12	6 38	1 20	16 15	2 6	21 33	0 6	21 1	0 44	8 27	5 44	23 0	23 9	22 55			n.a.
S 14	9 31	4 21	4 56	20 23	2 18	7 48	1 3	3 27	0 13	6 36	1 20	16 13	2 6	21 33	0 6	21 2	0 44	8 27	5 44	23 1	23 10	22 55			n.a.
M15	9 9	0s38	5 6	20 5	2 22	7 18	1 2	3 43	0 13	6 35	1 20	16 10	2 6	21 33	0 6	21 2	0 43	8 27	5 44	23 2	23 10	22 55			n.a.
T 16	8 47	5 40	5 1	19 46	2 25	6 47	1 0	4 0	0 14	6 33	1 20	16 8	2 7	21 33	0 6	21 2	0 43	8 28	5 44	23 3	23 10	22 54			n.a.
W17	8 25	10 32	4 40	19 24	2 28	6 16	0 58	4 16	0 14	6 32	1 20	16 5	2 7	21 33	0 6	21 2	0 43	8 28	5 44	23 3	23 11	22 54			n.a.
T 18	8 3	14 58	4 3	19 1	2 30	5 45	0 57	4 32	0 15	6 30	1 20	16 3	2 7	21 33	0 6	21 2	0 43	8 29	5 44	23 4	23 11	22 54			n.a.
F 19	7 40	18 43	3 11	18 36	2 31	5 14	0 55	4 49	0 16	6 28	1 20	16 0	2 7	21 33	0 6	21 2	0 43	8 29	5 43	23 4	23 11	22 54			n.a.
S 20	7 18	21 28	2 7	18 9	2 32	4 43	0 53	5 5	0 16	6 26	1 20	15 58	2 7	21 33	0 6	21 2	0 43	8 30	5 43	23 4	23 12	22 54			n.a.
S 21	6 55	22 56	0 55	17 41	2 32	4 12	0 51	5 21	0 17	6 24	1 20	15 55	2 7	21 34	0 6	21 2	0 43	8 30	5 43	23 4	23 12	22 54			n.a.
M22	6 33	22 54	0s22	17 10	2 31	3 40	0 49	5 37	0 17	6 23	1 20	15 53	2 7	21 34	0 6	21 2	0 43	8 31	5 43	23 4	23 12	22 53			n.a.
T 23	6 10	21 19	1 38	16 38	2 30	3 9	0 47	5 53	0 18	6 21	1 20	15 50	2 7	21 34	0 6	21 3	0 43	8 31	5 43	23 4	23 13	22 53			n.a.
W24	5 47	18 18	2 48	16 4	2 29	2 37	0 45	6 10	0 19	6 19	1 21	15 48	2 7	21 34	0 7	21 3	0 43	8 31	5 43	23 4	23 13	22 53			n.a.
T 25	5 24	14 7	3 47	15 29	2 27	2 6	0 43	6 26	0 19	6 16	1 21	15 46	2 7	21 34	0 7	21 3	0 43	8 32	5 42	23 5	23 13	22 53			n.a.
F 26	5 1	9 7	4 31	14 51	2 24	1 34	0 41	6 42	0 20	6 14	1 21	15 43	2 8	21 34	0 7	21 3	0 43	8 32	5 42	23 6	23 14	22 53			n.a.
S 27	4 38	3 43	4 57	14 12	2 20	1 2	0 39	6 57	0 20	6 12	1 21	15 41	2 8	21 34	0 7	21 3	0 43	8 33	5 42	23 7	23 14	22 52			n.a.
S 28	4 15	1n46	5 4	13 31	2 17	0 30	0 37	7 13	0 21	6 10	1 21	15 38	2 8	21 34	0 7	21 3	0 43	8 33	5 42	23 8	23 14	22 52			n.a.
M29	3 52	7 0	4 53	12 48	2 12	0n 2	0 35	7 29	0 21	6 8	1 21	15 36	2 8	21 34	0 7	21 4	0 43	8 34	5 42	23 9	23 15	22 52			n.a.
T 30	3 29	11 46	4 27	12 3	2 7	0 34	0 33	7 45	0 22	6 5	1 21	15 34	2 8	21 34	0 7	21 4	0 43	8 34	5 42	23 10	23 15	22 52			n.a.
W31	3s 6	15n52	3s48	11s17	2s 2	1n 5	0s31	8n 0	0n22	6s 3	1n21	15s31	2s 8	21s34	0s 7	21n 4	0s43	8n35	5s42	23n11	23n15	22n51			n.a.

Julian Day Number = 976737.5, Delta T = 13h18m43s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'49, Lahiri = -32°03'48 Julian Calendar 1 March 2039 BCE == Greg. Calendar 12 Feb. 2039 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

APRIL 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 27 39	23♓17'41	8♊ 1	8♓ 5	5♈ 4	19♈51	18°R 8	24♒56	4°R23	6♊ 8	6♉29	13°R56	13♋11	22♋13	n.a.	T 1
F 2	11 31 36	24°15'13	20°10	9°59	6°17	20°30	18♎ 1	25° 4	4♐23	6° 9	6°30	13°D55	13° 7	22°20	n.a.	F 2
S 3	11 35 32	25°12'44	2♋ 6	11°54	7°31	21° 9	17°55	25°11	4°23	6°10	6°31	13♋55	13° 4	22°26	n.a.	S 3
S 4	11 39 29	26°10'14	13°55	13°51	8°44	21°48	17°49	25°18	4°22	6°11	6°32	13°R55	13° 1	22°33	n.a.	S 4
M 5	11 43 25	27° 7'42	25°43	15°51	9°58	22°27	17°42	25°25	4°22	6°12	6°34	13°55	12°58	22°40	n.a.	M 5
T 6	11 47 22	28° 5'08	7♌34	17°52	11°12	23° 6	17°35	25°32	4°22	6°13	6°35	13°52	12°55	22°46	n.a.	T 6
W 7	11 51 19	29° 2'33	19°33	19°55	12°25	23°45	17°28	25°39	4°21	6°14	6°36	13°47	12°52	22°53	n.a.	W 7
T 8	11 55 15	29°59'56	1♍44	21°59	13°38	24°24	17°21	25°46	4°20	6°15	6°37	13°40	12°48	23° 0	n.a.	T 8
F 9	11 59 12	0♈57'18	14° 8	24° 5	14°52	25° 3	17°15	25°53	4°20	6°16	6°38	13°30	12°45	23° 6	n.a.	F 9
S 10	12 3 8	1°54'39	26°48	26°12	16° 5	25°42	17° 7	25°59	4°19	6°17	6°40	13°19	12°42	23°13	n.a.	S 10
S 11	12 7 5	2°51'59	9♎43	28°21	17°19	26°21	17° 0	26° 6	4°18	6°19	6°41	13° 6	12°39	23°20	n.a.	S 11
M12	12 11 1	3°49'17	22°52	0♈31	18°32	27° 0	16°53	26°13	4°18	6°20	6°42	12°54	12°36	23°26	n.a.	M12
T 13	12 14 58	4°46'35	6♏15	2°41	19°46	27°39	16°46	26°20	4°17	6°21	6°43	12°44	12°32	23°33	n.a.	T 13
W14	12 18 54	5°43'51	19°48	4°52	20°59	28°18	16°39	26°26	4°16	6°22	6°45	12°35	12°29	23°40	n.a.	W14
T 15	12 22 51	6°41'07	3♐30	7° 4	22°12	28°56	16°31	26°33	4°15	6°24	6°46	12°30	12°26	23°46	n.a.	T 15
F 16	12 26 48	7°38'23	17°21	9°15	23°26	29°35	16°24	26°39	4°14	6°25	6°47	12°27	12°23	23°53	n.a.	F 16
S 17	12 30 44	8°35'38	1♑19	11°26	24°39	0♉14	16°16	26°46	4°13	6°26	6°49	12°26	12°20	23°59	n.a.	S 17
S 18	12 34 41	9°32'52	15°24	13°37	25°52	0°53	16° 9	26°52	4°12	6°28	6°50	12°26	12°17	24° 6	n.a.	S 18
M19	12 38 37	10°30'05	29°35	15°47	27° 6	1°32	16° 1	26°59	4°11	6°29	6°51	12°26	12°13	24°13	n.a.	M19
T 20	12 42 34	11°27'18	13♒51	17°56	28°19	2°10	15°54	27° 5	4°10	6°30	6°53	12°23	12°10	24°19	n.a.	T 20
W21	12 46 30	12°24'30	28° 9	20° 4	29°32	2°49	15°46	27°11	4° 9	6°32	6°54	12°19	12° 7	24°26	n.a.	W21
T 22	12 50 27	13°21'42	12♓26	22°11	0♉46	3°28	15°38	27°18	4° 8	6°33	6°55	12°11	12° 4	24°33	n.a.	T 22
F 23	12 54 23	14°18'53	26°37	24°16	1°59	4° 6	15°31	27°24	4° 6	6°35	6°57	12° 2	12° 1	24°39	n.a.	F 23
S 24	12 58 20	15°16'04	10♈37	26°19	3°12	4°45	15°23	27°30	4° 5	6°36	6°58	11°50	11°57	24°46	n.a.	S 24
S 25	13 2 17	16°13'14	24°22	28°20	4°25	5°24	15°15	27°36	4° 4	6°38	6°59	11°38	11°54	24°53	n.a.	S 25
M26	13 6 13	17°10'23	7♉47	0♉19	5°38	6° 2	15° 8	27°42	4° 3	6°39	7° 1	11°27	11°51	24°59	n.a.	M26
T 27	13 10 10	18° 7'31	20°51	2°16	6°52	6°41	15° 0	27°48	4° 1	6°41	7° 2	11°17	11°48	25° 6	n.a.	T 27
W28	13 14 6	19° 4'39	3♊34	4°10	8° 5	7°20	14°53	27°54	4° 0	6°43	7° 4	11°10	11°45	25°13	n.a.	W28
T 29	13 18 3	20° 1'46	15°58	6° 3	9°18	7°58	14°45	28° 0	3°58	6°44	7° 5	11° 6	11°42	25°19	n.a.	T 29
F 30	13 21 59	20♈58'52	28♊ 6	7♉53	10♉31	8♉37	14♎37	28♒ 5	3♐57	6♊46	7♉ 6	11♋ 4	11♋38	25♋26	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s43	19n 9	2s59	10s29	1s55	1n37	0s28	8n16	0n23	6s 1	1n21	15s29	2s 8	21s34	0s 7	21n 4	0s43	8n35	5s41	23n11	23n16	22n51		n.a.
F 2	2 20	21 31	2 3	9 39	1 49	2 9	0 26	8 32	0 24	5 58	1 21	15 27	2 8	21 34	0 7	21 4	0 43	8 36	5 41	23 11	23 16	22 51		n.a.
S 3	1 56	22 52	1 3	8 48	1 42	2 41	0 24	8 47	0 24	5 56	1 21	15 24	2 9	21 34	0 7	21 5	0 43	8 36	5 41	23 11	23 16	22 51		n.a.
S 4	1 33	23 11	0 0	7 55	1 34	3 12	0 21	9 3	0 25	5 53	1 21	15 22	2 9	21 34	0 7	21 5	0 43	8 37	5 41	23 11	23 17	22 50		n.a.
M 5	1 10	22 27	1n 2	7 0	1 26	3 44	0 19	9 18	0 25	5 50	1 21	15 20	2 9	21 34	0 7	21 5	0 43	8 37	5 41	23 11	23 17	22 50		n.a.
T 6	0 47	20 43	2 2	6 4	1 17	4 16	0 17	9 33	0 26	5 48	1 21	15 17	2 9	21 33	0 7	21 5	0 43	8 38	5 41	23 11	23 17	22 50		n.a.
W 7	0 23	18 3	2 57	5 7	1 8	4 47	0 14	9 48	0 26	5 45	1 21	15 15	2 9	21 33	0 7	21 5	0 43	8 38	5 41	23 12	23 18	22 50		n.a.
T 8	0 0	14 34	3 45	4 9	0 59	5 18	0 12	10 4	0 27	5 43	1 21	15 13	2 9	21 33	0 7	21 6	0 43	8 39	5 40	23 13	23 18	22 49		n.a.
F 9	0n23	10 23	4 23	3 9	0 49	5 50	0 9	10 19	0 27	5 40	1 21	15 11	2 10	21 33	0 7	21 6	0 43	8 39	5 40	23 14	23 18	22 49		n.a.
S 10	0 46	5 42	4 49	2 8	0 39	6 21	0 7	10 34	0 28	5 37	1 21	15 8	2 10	21 33	0 7	21 6	0 43	8 40	5 40	23 15	23 18	22 49		n.a.
S 11	1 10	0 40	5 0	1 7	0 29	6 52	0 5	10 48	0 28	5 34	1 21	15 6	2 10	21 33	0 7	21 6	0 43	8 40	5 40	23 16	23 19	22 48		n.a.
M12	1 33	4s30	4 56	0 5	0 19	7 23	0 2	11 3	0 29	5 32	1 21	15 4	2 10	21 33	0 7	21 7	0 42	8 41	5 40	23 17	23 19	22 48		n.a.
T 13	1 56	9 32	4 36	0n58	0 8	7 53	0n 0	11 18	0 29	5 29	1 21	15 2	2 10	21 33	0 7	21 7	0 42	8 41	5 40	23 18	23 19	22 48		n.a.
W14	2 19	14 11	4 0	2 1	0n 2	8 24	0 3	11 33	0 30	5 26	1 21	15 0	2 10	21 33	0 7	21 7	0 42	8 42	5 40	23 19	23 20	22 48		n.a.
T 15	2 42	18 10	3 10	3 3	0 13	8 54	0 5	11 47	0 30	5 23	1 21	14 57	2 11	21 32	0 7	21 7	0 42	8 43	5 40	23 20	23 20	22 47		n.a.
F 16	3 5	21 11	2 9	4 6	0 23	9 24	0 8	12 2	0 31	5 20	1 20	14 55	2 11	21 32	0 7	21 8	0 42	8 43	5 40	23 20	23 20	22 47		n.a.
S 17	3 28	22 57	0 58	5 8	0 34	9 54	0 10	12 16	0 31	5 18	1 20	14 53	2 11	21 32	0 7	21 8	0 42	8 44	5 39	23 20	23 21	22 47		n.a.
S 18	3 51	23 17	0s16	6 9	0 44	10 24	0 13	12 31	0 32	5 15	1 20	14 51	2 11	21 32	0 7	21 8	0 42	8 44	5 39	23 20	23 21	22 46		n.a.
M19	4 14	22 7	1 29	7 9	0 53	10 53	0 15	12 45	0 32	5 12	1 20	14 49	2 11	21 32	0 7	21 8	0 42	8 45	5 39	23 20	23 21	22 46		n.a.
T 20	4 37	19 31	2 38	8 8	1 3	11 22	0 18	12 59	0 33	5 9	1 20	14 47	2 11	21 31	0 7	21 9	0 42	8 45	5 39	23 20	23 21	22 45		n.a.
W21	5 0	15 44	3 37	9 6	1 11	11 51	0 20	13 13	0 33	5 6	1 20	14 45	2 12	21 31	0 7	21 9	0 42	8 46	5 39	23 21	23 22	22 45		n.a.
T 22	5 23	11 3	4 22	10 2	1 20	12 20	0 23	13 27	0 34	5 3	1 20	14 43	2 12	21 31	0 7	21 9	0 42	8 46	5 39	23 21	23 22	22 45		n.a.
F 23	5 45	5 47	4 50	10 57	1 28	12 48	0 25	13 41	0 34	5 0	1 20	14 41	2 12	21 31	0 7	21 9	0 42	8 47	5 39	23 22	23 22	22 44		n.a.
S 24	6 8	0 18	5 1	11 50	1 35	13 16	0 28	13 55	0 35	4 57	1 20	14 39	2 12	21 31	0 7	21 10	0 42	8 47	5 39	23 23	23 23	22 44		n.a.
S 25	6 30	5n 6	4 53	12 41	1 42	13 44	0 30	14 8	0 35	4 54	1 20	14 37	2 12	21 30	0 7	21 10	0 42	8 48	5 39	23 24	23 23	22 44		n.a.
M26	6 53	10 8	4 30	13 30	1 48	14 11	0 33	14 22	0 36	4 51	1 20	14 35	2 13	21 30	0 7	21 10	0 42	8 48	5 38	23 25	23 23	22 43		n.a.
T 27	7 15	14 36	3 53	14 16	1 53	14 38	0 35	14 35	0 36	4 49	1 19	14 33	2 13	21 30	0 7	21 11	0 42	8 49	5 38	23 26	23 24	22 43		n.a.
W28	7 37	18 16	3 5	15 1	1 58	15 5	0 38	14 49	0 36	4 46	1 19	14 31	2 13	21 30	0 7	21 11	0 42	8 50	5 38	23 27	23 24	22 42		n.a.
T 29	7 59	21 2	2 9	15 44	2 2	15 31	0 40	15 2	0 37	4 43	1 19	14 29	2 13	21 29	0 7	21 11	0 42	8 50	5 38	23 27	23 24	22 42		n.a.
F 30	8n21	22n47	1s 8	16n24	2n 6	15n57	0n43	15n15	0n37	4s40	1n19	14s28	2s13	21s29	0s 7	21n12	0s42	8n51	5s38	23n27	23n24	22n42		n.a.

Julian Day Number = 976768.5, Delta T = 13h18m41s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'45, Lahiri = -32°03'44 Julian Calendar 1 Apr. 2039 BCE == Greg. Calendar 15 March 2039 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

MAY 2039 BCE (-2038) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 25 56	21♈55'58	10♋ 2	9♉41	11♉44	9♉16	14°R30	28♒11	3°R55	6♊48	7♉ 8	11°D 3	11♋35	25♋33	n.a.	S 1
S 2	13 29 53	22°53'03	21°52	11°26	12°57	9°54	14♎22	28°17	3♐54	6°49	7° 9	11°R 3	11°32	25°39	n.a.	S 2
M 3	13 33 49	23°50'07	3♌41	13° 9	14°10	10°33	14°15	28°22	3°52	6°51	7°11	11♋ 3	11°29	25°46	n.a.	M 3
T 4	13 37 46	24°47'10	15°34	14°50	15°24	11°11	14° 7	28°28	3°50	6°53	7°12	11° 1	11°26	25°53	n.a.	T 4
W 5	13 41 42	25°44'13	27°37	16°28	16°37	11°50	14° 0	28°33	3°49	6°54	7°13	10°57	11°23	25°59	n.a.	W 5
T 6	13 45 39	26°41'16	9♍54	18° 4	17°50	12°28	13°53	28°38	3°47	6°56	7°15	10°51	11°19	26° 6	n.a.	T 6
F 7	13 49 35	27°38'18	22°27	19°37	19° 3	13° 7	13°46	28°44	3°45	6°58	7°16	10°42	11°16	26°12	n.a.	F 7
S 8	13 53 32	28°35'19	5♎20	21° 7	20°16	13°45	13°38	28°49	3°43	7° 0	7°18	10°32	11°13	26°19	n.a.	S 8
S 9	13 57 28	29°32'20	18°32	22°36	21°29	14°24	13°31	28°54	3°41	7° 2	7°19	10°21	11°10	26°26	n.a.	S 9
M10	14 1 25	0♏29'21	2♏ 2	24° 1	22°42	15° 2	13°24	28°59	3°40	7° 3	7°21	10°10	11° 7	26°32	n.a.	M10
T 11	14 5 22	1°26'22	15°48	25°25	23°54	15°41	13°17	29° 4	3°38	7° 5	7°22	10° 0	11° 3	26°39	n.a.	T 11
W12	14 9 18	2°23'23	29°46	26°45	25° 7	16°19	13°10	29° 9	3°36	7° 7	7°24	9°53	11° 0	26°46	n.a.	W12
T 13	14 13 15	3°20'24	13♐52	28° 3	26°20	16°57	13° 4	29°14	3°34	7° 9	7°25	9°48	10°57	26°52	n.a.	T 13
F 14	14 17 11	4°17'25	28° 2	29°18	27°33	17°36	12°57	29°18	3°32	7°11	7°27	9°45	10°54	26°59	n.a.	F 14
S 15	14 21 8	5°14'26	12♑14	0♊31	28°46	18°14	12°50	29°23	3°30	7°13	7°28	9°D45	10°51	27° 6	n.a.	S 15
S 16	14 25 4	6°11'28	26°24	1°41	29°59	18°53	12°44	29°28	3°28	7°15	7°29	9°45	10°48	27°12	n.a.	S 16
M17	14 29 1	7° 8'30	10♒33	2°48	1♊12	19°31	12°37	29°32	3°26	7°17	7°31	9°R46	10°44	27°19	n.a.	M17
T 18	14 32 58	8° 5'33	24°39	3°52	2°24	20° 9	12°31	29°37	3°24	7°19	7°32	9°44	10°41	27°26	n.a.	T 18
W19	14 36 54	9° 2'35	8♓39	4°53	3°37	20°48	12°25	29°41	3°22	7°21	7°34	9°41	10°38	27°32	n.a.	W19
T 20	14 40 51	9°59'39	22°34	5°51	4°50	21°26	12°19	29°45	3°20	7°23	7°35	9°36	10°35	27°39	n.a.	T 20
F 21	14 44 47	10°56'42	6♈19	6°45	6° 3	22° 4	12°13	29°49	3°17	7°25	7°37	9°28	10°32	27°46	n.a.	F 21
S 22	14 48 44	11°53'46	19°54	7°37	7°16	22°43	12° 7	29°53	3°15	7°27	7°38	9°19	10°28	27°52	n.a.	S 22
S 23	14 52 40	12°50'51	3♉15	8°24	8°28	23°21	12° 2	29°57	3°13	7°29	7°40	9° 9	10°25	27°59	n.a.	S 23
M24	14 56 37	13°47'56	16°21	9° 9	9°41	23°59	11°56	0♓ 1	3°11	7°31	7°41	9° 0	10°22	28° 6	n.a.	M24
T 25	15 0 33	14°45'01	29°10	9°49	10°54	24°38	11°51	0° 5	3° 9	7°33	7°43	8°53	10°19	28°12	n.a.	T 25
W26	15 4 30	15°42'07	11♊43	10°26	12° 6	25°16	11°45	0° 9	3° 6	7°35	7°44	8°47	10°16	28°19	n.a.	W26
T 27	15 8 27	16°39'13	24° 0	10°59	13°19	25°54	11°40	0°13	3° 4	7°37	7°46	8°44	10°13	28°25	n.a.	T 27
F 28	15 12 23	17°36'19	6♋ 4	11°28	14°32	26°33	11°35	0°16	3° 2	7°39	7°47	8°D43	10° 9	28°32	n.a.	F 28
S 29	15 16 20	18°33'26	17°58	11°52	15°44	27°11	11°31	0°20	3° 0	7°42	7°48	8°43	10° 6	28°39	n.a.	S 29
S 30	15 20 16	19°30'32	29°48	12°12	16°57	27°49	11°26	0°23	2°57	7°44	7°50	8°44	10° 3	28°45	n.a.	S 30
M31	15 24 13	20♉27'40	11♌36	12♊27	18♊ 9	28♉28	11♎21	0♓26	2♐55	7♊46	7♉51	8♋46	10♋ 0	28♋52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n43	23n27	0s 5	17n 2	2n 9	16n22	0n45	15n28	0n38	4s37	1n19	14s26	2s14	21s29	0s 7	21n12	0s42	8n51	5s38	23n27	23n25	22n41		n.a.
S 2	9 4	23 3	0n57	17 38	2 11	16 48	0 47	15 41	0 38	4 34	1 19	14 24	2 14	21 28	0 7	21 12	0 42	8 52	5 38	23 27	23 25	22 41		n.a.
M 3	9 26	21 37	1 57	18 12	2 12	17 12	0 50	15 54	0 39	4 32	1 19	14 22	2 14	21 28	0 7	21 13	0 42	8 52	5 38	23 27	23 25	22 40		n.a.
T 4	9 47	19 14	2 52	18 43	2 13	17 37	0 52	16 7	0 39	4 29	1 18	14 21	2 14	21 28	0 7	21 13	0 42	8 53	5 38	23 28	23 25	22 40		n.a.
W 5	10 9	15 59	3 41	19 13	2 13	18 0	0 54	16 19	0 40	4 26	1 18	14 19	2 15	21 28	0 7	21 13	0 42	8 53	5 38	23 28	23 26	22 40		n.a.
T 6	10 30	12 0	4 20	19 40	2 12	18 24	0 56	16 32	0 40	4 23	1 18	14 17	2 15	21 27	0 7	21 14	0 42	8 54	5 38	23 28	23 26	22 39		n.a.
F 7	10 51	7 26	4 47	20 5	2 11	18 46	0 59	16 44	0 41	4 21	1 18	14 15	2 15	21 27	0 7	21 14	0 42	8 54	5 38	23 29	23 26	22 39		n.a.
S 8	11 11	2 26	5 1	20 28	2 9	19 9	1 1	16 56	0 41	4 18	1 18	14 14	2 15	21 27	0 7	21 14	0 42	8 55	5 37	23 30	23 27	22 38		n.a.
S 9	11 32	2s49	4 59	20 49	2 6	19 31	1 3	17 8	0 41	4 15	1 17	14 12	2 16	21 26	0 7	21 15	0 42	8 56	5 37	23 31	23 27	22 38		n.a.
M10	11 53	8 2	4 41	21 8	2 2	19 52	1 5	17 20	0 42	4 13	1 17	14 11	2 16	21 26	0 7	21 15	0 42	8 56	5 37	23 32	23 27	22 37		n.a.
T 11	12 13	12 59	4 6	21 25	1 58	20 13	1 7	17 32	0 42	4 10	1 17	14 9	2 16	21 26	0 7	21 15	0 42	8 57	5 37	23 33	23 27	22 37		n.a.
W12	12 33	17 20	3 16	21 40	1 54	20 33	1 9	17 44	0 43	4 8	1 17	14 8	2 16	21 25	0 7	21 16	0 42	8 57	5 37	23 33	23 28	22 36		n.a.
T 13	12 53	20 43	2 13	21 53	1 48	20 53	1 11	17 56	0 43	4 5	1 17	14 6	2 17	21 25	0 7	21 16	0 42	8 58	5 37	23 33	23 28	22 36		n.a.
F 14	13 13	22 53	1 2	22 5	1 42	21 12	1 13	18 7	0 43	4 3	1 16	14 5	2 17	21 24	0 7	21 16	0 42	8 58	5 37	23 34	23 28	22 35		n.a.
S 15	13 32	23 34	0s13	22 14	1 36	21 31	1 15	18 19	0 44	4 0	1 16	14 3	2 17	21 24	0 7	21 17	0 42	8 59	5 37	23 34	23 28	22 35		n.a.
S 16	13 51	22 44	1 28	22 22	1 29	21 49	1 17	18 30	0 44	3 58	1 16	14 2	2 17	21 24	0 7	21 17	0 42	8 59	5 37	23 34	23 29	22 34		n.a.
M17	14 10	20 27	2 37	22 28	1 21	22 6	1 19	18 41	0 45	3 56	1 16	14 0	2 18	21 23	0 7	21 17	0 41	9 0	5 37	23 34	23 29	22 34		n.a.
T 18	14 29	16 57	3 36	22 32	1 13	22 23	1 20	18 52	0 45	3 53	1 16	13 59	2 18	21 23	0 7	21 18	0 41	9 0	5 37	23 34	23 29	22 33		n.a.
W19	14 48	12 31	4 22	22 35	1 4	22 39	1 22	19 3	0 46	3 51	1 15	13 58	2 18	21 23	0 7	21 18	0 41	9 1	5 37	23 34	23 30	22 33		n.a.
T 20	15 7	7 27	4 52	22 36	0 54	22 54	1 24	19 14	0 46	3 49	1 15	13 56	2 18	21 22	0 7	21 18	0 41	9 1	5 37	23 34	23 30	22 32		n.a.
F 21	15 25	2 5	5 4	22 36	0 44	23 9	1 25	19 24	0 46	3 47	1 15	13 55	2 19	21 22	0 7	21 19	0 41	9 2	5 37	23 35	23 30	22 32		n.a.
S 22	15 43	3n19	5 0	22 34	0 33	23 24	1 27	19 35	0 47	3 45	1 15	13 54	2 19	21 21	0 7	21 19	0 41	9 2	5 37	23 36	23 30	22 31		n.a.
S 23	16 1	8 30	4 39	22 31	0 22	23 37	1 28	19 45	0 47	3 43	1 14	13 53	2 19	21 21	0 7	21 19	0 41	9 3	5 37	23 36	23 31	22 31		n.a.
M24	16 18	13 11	4 3	22 27	0 10	23 50	1 30	19 55	0 47	3 41	1 14	13 52	2 19	21 20	0 7	21 20	0 41	9 3	5 37	23 37	23 31	22 30		n.a.
T 25	16 35	17 12	3 16	22 21	0s 2	24 2	1 31	20 5	0 48	3 39	1 14	13 50	2 20	21 20	0 7	21 20	0 41	9 4	5 37	23 37	23 31	22 30		n.a.
W26	16 52	20 20	2 20	22 14	0 14	24 14	1 33	20 15	0 48	3 37	1 14	13 49	2 20	21 20	0 7	21 21	0 41	9 4	5 37	23 38	23 31	22 29		n.a.
T 27	17 9	22 29	1 19	22 6	0 28	24 25	1 34	20 25	0 49	3 35	1 13	13 48	2 20	21 19	0 7	21 21	0 41	9 5	5 37	23 38	23 32	22 28		n.a.
F 28	17 26	23 33	0 14	21 56	0 41	24 35	1 35	20 34	0 49	3 33	1 13	13 47	2 21	21 19	0 7	21 21	0 41	9 5	5 36	23 38	23 32	22 28		n.a.
S 29	17 42	23 31	0n50	21 46	0 55	24 44	1 36	20 44	0 49	3 32	1 13	13 46	2 21	21 18	0 7	21 22	0 41	9 6	5 36	23 38	23 32	22 27		n.a.
S 30	17 58	22 25	1 51	21 34	1 9	24 53	1 37	20 53	0 50	3 30	1 13	13 45	2 21	21 18	0 7	21 22	0 41	9 6	5 36	23 38	23 32	22 27		n.a.
M31	18n14	20n21	2n48	21n22	1s24	25n 1	1n38	21n 2	0n50	3s29	1n12	13s44	2s21	21s17	0s 7	21n22	0s41	9n 7	5s36	23n38	23n33	22n26		n.a.

Julian Day Number = 976798.5, Delta T = 13h18m39s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'41, Lahiri = -32°03'40 Julian Calendar 1 May 2039 BCE == Greg. Calendar 14 Apr. 2039 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

JUNE 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 28 9	21♉24'47	23♌30	12♊38	19♊22	29♉ 6	11°R17	0♓29	2°R53	7♊48	7♉53	8°R46	9♋57	28♋59	n.a.	T 1
W 2	15 32 6	22°21'55	5♍34	12°44	20°34	29°44	11♎13	0°33	2♐50	7°50	7°54	8♋45	9°54	29° 5	n.a.	W 2
T 3	15 36 3	23°19'03	17°52	12°R45	21°47	0♊22	11° 9	0°36	2°48	7°52	7°56	8°42	9°50	29°12	n.a.	T 3
F 4	15 39 59	24°16'11	0♎29	12°41	22°59	1° 1	11° 5	0°38	2°46	7°54	7°57	8°38	9°47	29°19	n.a.	F 4
S 5	15 43 56	25°13'20	13°29	12°33	24°12	1°39	11° 1	0°41	2°43	7°57	7°58	8°32	9°44	29°25	n.a.	S 5
S 6	15 47 52	26°10'30	26°51	12°19	25°24	2°17	10°58	0°44	2°41	7°59	8° 0	8°25	9°41	29°32	n.a.	S 6
M 7	15 51 49	27° 7'40	10♏36	12° 1	26°36	2°55	10°54	0°47	2°38	8° 1	8° 1	8°18	9°38	29°39	n.a.	M 7
T 8	15 55 45	28° 4'51	24°41	11°38	27°49	3°34	10°51	0°49	2°36	8° 3	8° 3	8°13	9°34	29°45	n.a.	T 8
W 9	15 59 42	29° 2'03	9♐ 2	11°10	29° 1	4°12	10°48	0°51	2°34	8° 5	8° 4	8° 8	9°31	29°52	n.a.	W 9
T 10	16 3 39	29°59'16	23°33	10°39	0♋13	4°50	10°45	0°54	2°31	8° 8	8° 5	8° 6	9°28	29°59	n.a.	T 10
F 11	16 7 35	0♊56'30	8♑ 8	10° 4	1°25	5°28	10°43	0°56	2°29	8°10	8° 7	8°D 5	9°25	0♌ 5	n.a.	F 11
S 12	16 11 32	1°53'45	22°41	9°26	2°38	6° 7	10°40	0°58	2°26	8°12	8° 8	8° 6	9°22	0°12	n.a.	S 12
S 13	16 15 28	2°51'02	7♒ 8	8°45	3°50	6°45	10°38	1° 0	2°24	8°14	8°10	8° 7	9°19	0°19	n.a.	S 13
M14	16 19 25	3°48'19	21°26	8° 2	5° 2	7°23	10°36	1° 2	2°22	8°16	8°11	8° 8	9°15	0°25	n.a.	M14
T 15	16 23 21	4°45'38	5♓32	7°18	6°14	8° 1	10°34	1° 4	2°19	8°19	8°12	8°R 9	9°12	0°32	n.a.	T 15
W16	16 27 18	5°42'59	19°25	6°33	7°26	8°39	10°32	1° 6	2°17	8°21	8°14	8° 8	9° 9	0°39	n.a.	W16
T 17	16 31 14	6°40'20	3♈ 4	5°49	8°38	9°18	10°31	1° 7	2°14	8°23	8°15	8° 6	9° 6	0°45	n.a.	T 17
F 18	16 35 11	7°37'43	16°30	5° 6	9°50	9°56	10°29	1° 9	2°12	8°25	8°16	8° 2	9° 3	0°52	n.a.	F 18
S 19	16 39 8	8°35'08	29°42	4°24	11° 2	10°34	10°28	1°10	2°10	8°28	8°18	7°58	9° 0	0°59	n.a.	S 19
S 20	16 43 4	9°32'34	12♉40	3°46	12°14	11°12	10°27	1°11	2° 7	8°30	8°19	7°53	8°56	1° 5	n.a.	S 20
M21	16 47 1	10°30'01	25°24	3°10	13°26	11°51	10°26	1°13	2° 5	8°32	8°20	7°49	8°53	1°12	n.a.	M21
T 22	16 50 57	11°27'29	7♊55	2°39	14°38	12°29	10°25	1°14	2° 3	8°34	8°21	7°46	8°50	1°19	n.a.	T 22
W23	16 54 54	12°24'59	20°13	2°13	15°50	13° 7	10°25	1°15	2° 0	8°36	8°23	7°43	8°47	1°25	n.a.	W23
T 24	16 58 50	13°22'31	2♋20	1°52	17° 2	13°45	10°25	1°15	1°58	8°39	8°24	7°D42	8°44	1°32	n.a.	T 24
F 25	17 2 47	14°20'03	14°18	1°37	18°14	14°24	10°D25	1°16	1°56	8°41	8°25	7°42	8°40	1°39	n.a.	F 25
S 26	17 6 44	15°17'37	26° 9	1°29	19°25	15° 2	10°25	1°17	1°53	8°43	8°26	7°43	8°37	1°45	n.a.	S 26
S 27	17 10 40	16°15'12	7♌57	1°D27	20°37	15°40	10°25	1°17	1°51	8°45	8°28	7°45	8°34	1°52	n.a.	S 27
M28	17 14 37	17°12'48	19°46	1°31	21°49	16°18	10°26	1°18	1°49	8°48	8°29	7°46	8°31	1°58	n.a.	M28
T 29	17 18 33	18°10'25	1♍39	1°43	23° 0	16°56	10°26	1°18	1°46	8°50	8°30	7°48	8°28	2° 5	n.a.	T 29
W30	17 22 30	19♊ 8'04	13♍42	2♊ 2	24♋12	17♊35	10♎27	1♓18	1♐44	8♊52	8♉31	7°R48	8♋25	2♌12	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n29	17n23	3n38	21n 9	1s38	25n 8	1n39	21n11	0n50	3s27	1n12	13s43	2s22	21s17	0s 7	21n23	0s41	9n 7	5s36	23n38	23n33	22n26		n.a.
W 2	18 44	13 40	4 19	20 55	1 53	25 15	1 40	21 20	0 51	3 26	1 12	13 43	2 22	21 16	0 7	21 23	0 41	9 8	5 36	23 38	23 33	22 25		n.a.
T 3	18 59	9 19	4 49	20 41	2 8	25 21	1 41	21 29	0 51	3 24	1 11	13 42	2 22	21 16	0 7	21 24	0 41	9 8	5 36	23 38	23 33	22 24		n.a.
F 4	19 13	4 28	5 6	20 26	2 22	25 26	1 42	21 37	0 52	3 23	1 11	13 41	2 23	21 16	0 7	21 24	0 41	9 9	5 36	23 38	23 34	22 24		n.a.
S 5	19 28	0s42	5 8	20 10	2 37	25 30	1 42	21 46	0 52	3 22	1 11	13 40	2 23	21 15	0 7	21 24	0 41	9 9	5 36	23 39	23 34	22 23		n.a.
S 6	19 41	6 0	4 54	19 54	2 51	25 33	1 43	21 54	0 52	3 21	1 11	13 40	2 23	21 15	0 8	21 25	0 41	9 10	5 36	23 39	23 34	22 22		n.a.
M 7	19 55	11 10	4 22	19 38	3 5	25 36	1 43	22 2	0 53	3 20	1 10	13 39	2 23	21 14	0 8	21 25	0 41	9 10	5 36	23 40	23 34	22 22		n.a.
T 8	20 8	15 52	3 34	19 22	3 19	25 38	1 44	22 10	0 53	3 19	1 10	13 38	2 24	21 14	0 8	21 25	0 41	9 11	5 36	23 40	23 34	22 21		n.a.
W 9	20 21	19 46	2 31	19 5	3 31	25 39	1 44	22 17	0 53	3 18	1 10	13 38	2 24	21 13	0 8	21 26	0 41	9 11	5 36	23 40	23 35	22 21		n.a.
T 10	20 34	22 28	1 18	18 49	3 43	25 40	1 44	22 25	0 54	3 17	1 9	13 37	2 24	21 13	0 8	21 26	0 41	9 12	5 36	23 40	23 35	22 20		n.a.
F 11	20 46	23 41	0s 0	18 33	3 54	25 40	1 44	22 32	0 54	3 16	1 9	13 37	2 25	21 12	0 8	21 26	0 41	9 12	5 36	23 41	23 35	22 19		n.a.
S 12	20 58	23 16	1 19	18 18	4 4	25 39	1 45	22 40	0 54	3 15	1 9	13 36	2 25	21 12	0 8	21 27	0 41	9 12	5 36	23 40	23 35	22 19		n.a.
S 13	21 9	21 19	2 32	18 4	4 12	25 37	1 45	22 47	0 55	3 15	1 9	13 36	2 25	21 11	0 8	21 27	0 41	9 13	5 36	23 40	23 36	22 18		n.a.
M14	21 20	18 2	3 35	17 50	4 19	25 34	1 45	22 53	0 55	3 14	1 8	13 35	2 25	21 11	0 8	21 28	0 41	9 13	5 36	23 40	23 36	22 17		n.a.
T 15	21 31	13 44	4 24	17 38	4 24	25 31	1 44	23 0	0 55	3 14	1 8	13 35	2 26	21 10	0 8	21 28	0 41	9 14	5 36	23 40	23 36	22 17		n.a.
W16	21 42	8 48	4 56	17 26	4 28	25 27	1 44	23 7	0 56	3 13	1 8	13 34	2 26	21 10	0 8	21 28	0 41	9 14	5 36	23 40	23 36	22 16		n.a.
T 17	21 52	3 30	5 12	17 17	4 30	25 22	1 44	23 13	0 56	3 13	1 7	13 34	2 26	21 9	0 8	21 29	0 41	9 15	5 36	23 40	23 36	22 15		n.a.
F 18	22 2	1n52	5 9	17 9	4 31	25 17	1 44	23 19	0 56	3 13	1 7	13 34	2 27	21 9	0 8	21 29	0 41	9 15	5 36	23 41	23 37	22 15		n.a.
S 19	22 11	7 4	4 51	17 2	4 30	25 10	1 43	23 25	0 57	3 12	1 7	13 34	2 27	21 8	0 8	21 29	0 41	9 15	5 36	23 41	23 37	22 14		n.a.
S 20	22 20	11 52	4 17	16 58	4 26	25 3	1 43	23 31	0 57	3 12	1 6	13 34	2 27	21 8	0 8	21 30	0 41	9 16	5 36	23 41	23 37	22 13		n.a.
M21	22 29	16 5	3 32	16 56	4 22	24 55	1 42	23 37	0 57	3 12	1 6	13 33	2 28	21 8	0 8	21 30	0 41	9 16	5 36	23 42	23 37	22 12		n.a.
T 22	22 37	19 30	2 37	16 57	4 15	24 47	1 41	23 42	0 58	3 12	1 6	13 33	2 28	21 7	0 8	21 31	0 41	9 17	5 36	23 42	23 38	22 12		n.a.
W23	22 45	21 59	1 35	16 59	4 8	24 38	1 40	23 48	0 58	3 12	1 6	13 33	2 28	21 7	0 8	21 31	0 41	9 17	5 36	23 42	23 38	22 11		n.a.
T 24	22 52	23 25	0 30	17 4	3 58	24 28	1 40	23 53	0 58	3 12	1 5	13 33	2 29	21 6	0 8	21 31	0 41	9 17	5 36	23 42	23 38	22 10		n.a.
F 25	22 59	23 45	0n36	17 11	3 48	24 17	1 39	23 58	0 59	3 13	1 5	13 33	2 29	21 6	0 8	21 32	0 41	9 18	5 36	23 42	23 38	22 10		n.a.
S 26	23 6	22 59	1 40	17 21	3 36	24 6	1 38	24 3	0 59	3 13	1 5	13 33	2 29	21 5	0 8	21 32	0 41	9 18	5 36	23 42	23 38	22 9		n.a.
S 27	23 12	21 13	2 39	17 33	3 24	23 54	1 36	24 7	0 59	3 13	1 4	13 33	2 29	21 5	0 8	21 32	0 41	9 18	5 36	23 42	23 39	22 8		n.a.
M28	23 18	18 32	3 32	17 47	3 10	23 41	1 35	24 12	0 59	3 14	1 4	13 33	2 30	21 4	0 8	21 33	0 41	9 19	5 37	23 42	23 39	22 7		n.a.
T 29	23 23	15 4	4 16	18 3	2 56	23 28	1 34	24 16	1 0	3 14	1 4	13 34	2 30	21 4	0 8	21 33	0 41	9 19	5 37	23 42	23 39	22 7		n.a.
W30	23n28	10n58	4n49	18n21	2s42	23n14	1n33	24n20	1n 0	3s15	1n 3	13s34	2s30	21s 3	0s 8	21n33	0s41	9n19	5s37	23n42	23n39	22n 6		n.a.

Julian Day Number = 976829.5, Delta T = 13h18m37s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'36, Lahiri = -32°03'36 Julian Calendar 1 June 2039 BCE == Greg. Calendar 15 May 2039 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

JULY 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 26 26	20♊ 5'44	25♍58	2♊28	25♋24	18♊13	10♎28	1♓19	1°R42	8♊54	8♉32	7°R48	8♋21	2♌18	n.a.	T 1
F 2	17 30 23	21° 3'25	8♎34	3° 1	26°35	18°51	10°29	1°R19	1♐40	8°56	8°33	7♋47	8°18	2°25	n.a.	F 2
S 3	17 34 19	22° 1'07	21°32	3°41	27°47	19°29	10°31	1°18	1°37	8°59	8°34	7°46	8°15	2°32	n.a.	S 3
S 4	17 38 16	22°58'51	4♏55	4°29	28°58	20° 8	10°32	1°18	1°35	9° 1	8°36	7°44	8°12	2°38	n.a.	S 4
M 5	17 42 13	23°56'36	18°44	5°23	0♌ 9	20°46	10°34	1°18	1°33	9° 3	8°37	7°42	8° 9	2°45	n.a.	M 5
T 6	17 46 9	24°54'22	2♐58	6°23	1°21	21°24	10°36	1°18	1°31	9° 5	8°38	7°41	8° 6	2°52	n.a.	T 6
W 7	17 50 6	25°52'10	17°33	7°30	2°32	22° 2	10°38	1°17	1°29	9° 7	8°39	7°40	8° 2	2°58	n.a.	W 7
T 8	17 54 2	26°50'00	2♑23	8°44	3°43	22°41	10°40	1°16	1°27	9° 9	8°40	7°D39	7°59	3° 5	n.a.	T 8
F 9	17 57 59	27°47'52	17°20	10° 2	4°54	23°19	10°43	1°16	1°25	9°11	8°41	7°39	7°56	3°12	n.a.	F 9
S 10	18 1 55	28°45'45	2♒18	11°27	6° 5	23°57	10°45	1°15	1°23	9°14	8°42	7°40	7°53	3°18	n.a.	S 10
S 11	18 5 52	29°43'41	17° 7	12°56	7°16	24°36	10°48	1°14	1°21	9°16	8°43	7°40	7°50	3°25	n.a.	S 11
M12	18 9 48	0♋41'38	1♓41	14°30	8°27	25°14	10°51	1°13	1°19	9°18	8°44	7°41	7°46	3°32	n.a.	M12
T 13	18 13 45	1°39'37	15°58	16° 9	9°38	25°52	10°55	1°12	1°17	9°20	8°45	7°42	7°43	3°38	n.a.	T 13
W14	18 17 42	2°37'39	29°53	17°51	10°49	26°30	10°58	1°10	1°15	9°22	8°46	7°R42	7°40	3°45	n.a.	W14
T 15	18 21 38	3°35'42	13♈28	19°36	12° 0	27° 9	11° 1	1° 9	1°13	9°24	8°47	7°42	7°37	3°52	n.a.	T 15
F 16	18 25 35	4°33'48	26°42	21°24	13°11	27°47	11° 5	1° 7	1°11	9°26	8°48	7°41	7°34	3°58	n.a.	F 16
S 17	18 29 31	5°31'56	9♉39	23°15	14°22	28°25	11° 9	1° 6	1° 9	9°28	8°49	7°41	7°31	4° 5	n.a.	S 17
S 18	18 33 28	6°30'06	22°18	25° 7	15°32	29° 4	11°13	1° 4	1° 7	9°30	8°49	7°41	7°27	4°12	n.a.	S 18
M19	18 37 24	7°28'18	4♊45	27° 1	16°43	29°42	11°17	1° 2	1° 5	9°32	8°50	7°D41	7°24	4°18	n.a.	M19
T 20	18 41 21	8°26'33	16°59	28°56	17°54	0♋20	11°22	1° 1	1° 4	9°34	8°51	7°41	7°21	4°25	n.a.	T 20
W21	18 45 17	9°24'49	29° 4	0♋52	19° 4	0°59	11°26	0°59	1° 2	9°36	8°52	7°41	7°18	4°32	n.a.	W21
T 22	18 49 14	10°23'07	11♋ 1	2°48	20°14	1°37	11°31	0°56	1° 0	9°38	8°53	7°R41	7°15	4°38	n.a.	T 22
F 23	18 53 11	11°21'28	22°53	4°44	21°25	2°15	11°36	0°54	0°59	9°40	8°54	7°41	7°12	4°45	n.a.	F 23
S 24	18 57 7	12°19'50	4♌42	6°41	22°35	2°54	11°41	0°52	0°57	9°42	8°54	7°41	7° 8	4°52	n.a.	S 24
S 25	19 1 4	13°18'14	16°30	8°37	23°45	3°32	11°46	0°50	0°55	9°44	8°55	7°40	7° 5	4°58	n.a.	S 25
M26	19 5 0	14°16'40	28°19	10°33	24°56	4°10	11°52	0°47	0°54	9°46	8°56	7°39	7° 2	5° 5	n.a.	M26
T 27	19 8 57	15°15'08	10♍13	12°28	26° 6	4°49	11°57	0°45	0°52	9°48	8°57	7°38	6°59	5°12	n.a.	T 27
W28	19 12 53	16°13'38	22°16	14°23	27°16	5°27	12° 3	0°42	0°51	9°50	8°57	7°37	6°56	5°18	n.a.	W28
T 29	19 16 50	17°12'10	4♎32	16°16	28°26	6° 6	12° 9	0°39	0°49	9°52	8°58	7°37	6°52	5°25	n.a.	T 29
F 30	19 20 46	18°10'43	17° 4	18° 9	29°35	6°44	12°15	0°36	0°48	9°53	8°59	7°D36	6°49	5°32	n.a.	F 30
S 31	19 24 43	19♋ 9'18	29♎56	20♋ 1	0♍45	7♋23	12♎21	0♓33	0♐47	9♊55	8♉59	7♋36	6♋46	5♌38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n33	6n21	5n10	18n41	2s26	22n59	1n31	24n24	1n 0	3s16	1n 3	13s34	2s31	21s 3	0s 8	21n34	0s41	9n20	5s37	23n42	23n39	22n 5			n.a.
F 2	23 37	1 22	5 16	19 3	2 11	22 44	1 30	24 27	1 1	3 16	1 3	13 34	2 31	21 2	0 8	21 34	0 41	9 20	5 37	23 42	23 40	22 4			n.a.
S 3	23 41	3s49	5 7	19 26	1 55	22 28	1 28	24 31	1 1	3 17	1 3	13 35	2 31	21 2	0 8	21 34	0 41	9 20	5 37	23 42	23 40	22 3			n.a.
S 4	23 44	9 0	4 42	19 50	1 40	22 11	1 26	24 34	1 1	3 18	1 2	13 35	2 32	21 2	0 8	21 35	0 41	9 21	5 37	23 42	23 40	22 3			n.a.
M 5	23 47	13 55	3 59	20 16	1 24	21 54	1 24	24 37	1 2	3 19	1 2	13 35	2 32	21 1	0 8	21 35	0 41	9 21	5 37	23 42	23 40	22 2			n.a.
T 6	23 50	18 13	3 1	20 42	1 9	21 36	1 22	24 40	1 2	3 20	1 2	13 36	2 32	21 1	0 8	21 36	0 41	9 21	5 37	23 42	23 40	22 1			n.a.
W 7	23 52	21 31	1 49	21 8	0 53	21 18	1 20	24 43	1 2	3 21	1 1	13 36	2 33	21 0	0 8	21 36	0 41	9 22	5 37	23 42	23 41	22 0			n.a.
T 8	23 53	23 25	0 29	21 34	0 38	20 59	1 18	24 46	1 2	3 23	1 1	13 37	2 33	21 0	0 8	21 36	0 41	9 22	5 37	23 42	23 41	21 59			n.a.
F 9	23 54	23 40	0s54	22 1	0 24	20 40	1 16	24 48	1 3	3 24	1 1	13 37	2 33	20 59	0 8	21 37	0 41	9 22	5 37	23 42	23 41	21 59			n.a.
S 10	23 55	22 12	2 13	22 27	0 10	20 20	1 14	24 50	1 3	3 25	1 0	13 38	2 33	20 59	0 8	21 37	0 41	9 23	5 37	23 42	23 41	21 58			n.a.
S 11	23 56	19 13	3 22	22 52	0n 3	19 59	1 12	24 52	1 3	3 27	1 0	13 39	2 34	20 59	0 8	21 37	0 41	9 23	5 37	23 42	23 41	21 57			n.a.
M12	23 55	15 5	4 17	23 16	0 16	19 38	1 9	24 54	1 3	3 28	1 0	13 39	2 34	20 58	0 8	21 38	0 41	9 23	5 37	23 42	23 42	21 56			n.a.
T 13	23 55	10 10	4 55	23 39	0 28	19 16	1 7	24 55	1 4	3 30	1 0	13 40	2 34	20 58	0 8	21 38	0 41	9 23	5 37	23 42	23 42	21 55			n.a.
W14	23 54	4 50	5 15	24 0	0 39	18 54	1 4	24 57	1 4	3 31	0 59	13 41	2 35	20 57	0 8	21 38	0 41	9 24	5 37	23 42	23 42	21 55			n.a.
T 15	23 53	0n35	5 16	24 20	0 49	18 32	1 2	24 58	1 4	3 33	0 59	13 41	2 35	20 57	0 8	21 39	0 41	9 24	5 37	23 42	23 42	21 54			n.a.
F 16	23 51	5 51	5 0	24 37	0 59	18 9	0 59	24 59	1 5	3 35	0 59	13 42	2 35	20 57	0 8	21 39	0 41	9 24	5 37	23 42	23 42	21 53			n.a.
S 17	23 49	10 44	4 30	24 52	1 7	17 45	0 56	25 0	1 5	3 36	0 58	13 43	2 35	20 56	0 8	21 39	0 41	9 24	5 37	23 42	23 43	21 52			n.a.
S 18	23 46	15 5	3 46	25 5	1 15	17 21	0 53	25 0	1 5	3 38	0 58	13 44	2 36	20 56	0 8	21 39	0 41	9 25	5 37	23 42	23 43	21 51			n.a.
M19	23 43	18 41	2 53	25 16	1 22	16 57	0 50	25 1	1 5	3 40	0 58	13 45	2 36	20 55	0 8	21 40	0 41	9 25	5 37	23 42	23 43	21 50			n.a.
T 20	23 39	21 25	1 53	25 24	1 28	16 32	0 47	25 1	1 6	3 42	0 58	13 46	2 36	20 55	0 8	21 40	0 41	9 25	5 38	23 42	23 43	21 49			n.a.
W21	23 35	23 8	0 48	25 29	1 33	16 7	0 44	25 1	1 6	3 44	0 57	13 47	2 37	20 55	0 8	21 40	0 41	9 25	5 38	23 42	23 43	21 48			n.a.
T 22	23 31	23 46	0n19	25 32	1 38	15 41	0 41	25 1	1 6	3 46	0 57	13 48	2 37	20 54	0 8	21 41	0 41	9 25	5 38	23 42	23 43	21 48			n.a.
F 23	23 26	23 19	1 23	25 32	1 41	15 15	0 38	25 1	1 6	3 49	0 57	13 49	2 37	20 54	0 8	21 41	0 41	9 26	5 38	23 42	23 44	21 47			n.a.
S 24	23 21	21 49	2 25	25 29	1 44	14 49	0 35	25 0	1 7	3 51	0 56	13 50	2 37	20 54	0 8	21 41	0 41	9 26	5 38	23 42	23 44	21 46			n.a.
S 25	23 15	19 22	3 19	25 25	1 46	14 22	0 31	25 0	1 7	3 53	0 56	13 51	2 38	20 53	0 8	21 42	0 41	9 26	5 38	23 42	23 44	21 45			n.a.
M26	23 9	16 8	4 6	25 17	1 48	13 55	0 28	24 59	1 7	3 56	0 56	13 52	2 38	20 53	0 8	21 42	0 41	9 26	5 38	23 42	23 44	21 44			n.a.
T 27	23 2	12 13	4 42	25 8	1 49	13 27	0 24	24 57	1 7	3 58	0 56	13 53	2 38	20 53	0 8	21 42	0 41	9 26	5 38	23 42	23 44	21 43			n.a.
W28	22 55	7 47	5 6	24 56	1 49	13 0	0 21	24 56	1 7	4 1	0 55	13 55	2 38	20 52	0 8	21 42	0 41	9 26	5 38	23 42	23 45	21 42			n.a.
T 29	22 48	2 59	5 17	24 42	1 48	12 32	0 17	24 55	1 8	4 3	0 55	13 56	2 39	20 52	0 8	21 43	0 41	9 27	5 38	23 42	23 45	21 41			n.a.
F 30	22 40	2s 2	5 13	24 26	1 47	12 3	0 13	24 53	1 8	4 6	0 55	13 57	2 39	20 52	0 8	21 43	0 41	9 27	5 38	23 42	23 45	21 40			n.a.
S 31	22n32	7s 6	4n53	24n 9	1n46	11n35	0n10	24n51	1n 8	4s 8	0n55	13s58	2s39	20s52	0s 8	21n43	0s41	9n27	5s38	23n42	23n45	21n39			n.a.

Julian Day Number = 976859.5, Delta T = 13h18m35s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'32, Lahiri = -32°03'32 Julian Calendar 1 July 2039 BCE == Greg. Calendar 14 June 2039 BCE

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

AUGUST 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 28 39	20♋ 7'55	13♏12	21♋52	1♍55	8♋ 1	12♎27	0°R30	0°R45	9♊57	9♉ 0	7♋37	6♋43	5♌45	n.a.	S 1
M 2	19 32 36	21° 6'34	26°55	23°42	3° 5	8°39	12°34	0♓27	0♐44	9°59	9° 0	7°38	6°40	5°52	n.a.	M 2
T 3	19 36 33	22° 5'15	11♐ 4	25°31	4°14	9°18	12°40	0°24	0°43	10° 1	9° 1	7°39	6°37	5°58	n.a.	T 3
W 4	19 40 29	23° 3'58	25°39	27°20	5°23	9°56	12°47	0°21	0°42	10° 2	9° 1	7°40	6°33	6° 5	n.a.	W 4
T 5	19 44 26	24° 2'43	10♑34	29° 7	6°33	10°35	12°54	0°17	0°41	10° 4	9° 2	7°R40	6°30	6°12	n.a.	T 5
F 6	19 48 22	25° 1'30	25°43	0♌53	7°42	11°13	13° 1	0°14	0°40	10° 6	9° 2	7°40	6°27	6°18	n.a.	F 6
S 7	19 52 19	26° 0'20	10♒57	2°38	8°51	11°52	13° 8	0°10	0°39	10° 8	9° 3	7°38	6°24	6°25	n.a.	S 7
S 8	19 56 15	26°59'11	26° 5	4°22	10° 0	12°30	13°16	0° 7	0°38	10° 9	9° 3	7°36	6°21	6°32	n.a.	S 8
M 9	20 0 12	27°58'05	10♓59	6° 5	11° 9	13° 9	13°23	0° 3	0°37	10°11	9° 4	7°33	6°18	6°38	n.a.	M 9
T 10	20 4 8	28°57'01	25°31	7°47	12°18	13°47	13°31	29♒59	0°36	10°12	9° 4	7°31	6°14	6°45	n.a.	T 10
W11	20 8 5	29°55'59	9♈37	9°28	13°27	14°26	13°38	29°56	0°35	10°14	9° 5	7°29	6°11	6°52	n.a.	W11
T 12	20 12 1	0♌55'00	23°16	11° 8	14°35	15° 4	13°46	29°52	0°34	10°16	9° 5	7°28	6° 8	6°58	n.a.	T 12
F 13	20 15 58	1°54'04	6♉29	12°47	15°44	15°43	13°54	29°48	0°33	10°17	9° 5	7°D27	6° 5	7° 5	n.a.	F 13
S 14	20 19 55	2°53'10	19°19	14°26	16°52	16°21	14° 2	29°44	0°33	10°19	9° 6	7°28	6° 2	7°12	n.a.	S 14
S 15	20 23 51	3°52'19	1♊50	16° 3	18° 0	17° 0	14°11	29°40	0°32	10°20	9° 6	7°30	5°58	7°18	n.a.	S 15
M16	20 27 48	4°51'30	14° 4	17°39	19° 8	17°39	14°19	29°36	0°31	10°22	9° 6	7°32	5°55	7°25	n.a.	M16
T 17	20 31 44	5°50'43	26° 8	19°15	20°16	18°17	14°28	29°31	0°31	10°23	9° 6	7°33	5°52	7°32	n.a.	T 17
W18	20 35 41	6°49'59	8♋ 3	20°50	21°24	18°56	14°36	29°27	0°30	10°24	9° 7	7°R33	5°49	7°38	n.a.	W18
T 19	20 39 37	7°49'18	19°53	22°24	22°32	19°34	14°45	29°23	0°30	10°26	9° 7	7°33	5°46	7°45	n.a.	T 19
F 20	20 43 34	8°48'38	1♌41	23°57	23°40	20°13	14°54	29°18	0°29	10°27	9° 7	7°30	5°43	7°52	n.a.	F 20
S 21	20 47 30	9°48'01	13°30	25°30	24°47	20°52	15° 3	29°14	0°29	10°29	9° 7	7°26	5°39	7°58	n.a.	S 21
S 22	20 51 27	10°47'26	25°20	27° 1	25°55	21°30	15°12	29°10	0°29	10°30	9° 7	7°21	5°36	8° 5	n.a.	S 22
M23	20 55 23	11°46'53	7♍14	28°32	27° 2	22° 9	15°22	29° 5	0°28	10°31	9° 8	7°15	5°33	8°12	n.a.	M23
T 24	20 59 20	12°46'23	19°15	0♍ 2	28° 9	22°48	15°31	29° 0	0°28	10°32	9° 8	7° 8	5°30	8°18	n.a.	T 24
W25	21 3 17	13°45'54	1♎23	1°31	29°16	23°27	15°40	28°56	0°28	10°34	9° 8	7° 2	5°27	8°25	n.a.	W25
T 26	21 7 13	14°45'27	13°41	2°59	0♎23	24° 5	15°50	28°51	0°28	10°35	9° 8	6°57	5°23	8°32	n.a.	T 26
F 27	21 11 10	15°45'03	26°13	4°26	1°29	24°44	16° 0	28°47	0°28	10°36	9°R 8	6°53	5°20	8°38	n.a.	F 27
S 28	21 15 6	16°44'40	9♏ 2	5°53	2°36	25°23	16°10	28°42	0°D28	10°37	9° 8	6°51	5°17	8°45	n.a.	S 28
S 29	21 19 3	17°44'19	22°10	7°19	3°42	26° 1	16°20	28°37	0°28	10°38	9° 8	6°D51	5°14	8°52	n.a.	S 29
M30	21 22 59	18°44'00	5♐42	8°44	4°48	26°40	16°30	28°32	0°28	10°39	9° 8	6°52	5°11	8°58	n.a.	M30
T 31	21 26 56	19♌43'43	19♐38	10♍ 7	5♎54	27♋19	16♎40	28♒28	0♐28	10♊40	9♉ 8	6♋53	5♋ 8	9♌ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	22n23	12s 1	4n18	23n49	1n44	11n 6	0n 6	24n49	1n 8	4s11	0n54	14s 0	2s39	20s51	0s 8	21n44	0s41	9n27	5s38	23n42	23n45	21n38			n.a.
M 2	22 14	16 30	3 27	23 28	1 41	10 37	0 2	24 47	1 9	4 14	0 54	14 1	2 40	20 51	0 8	21 44	0 41	9 27	5 38	23 42	23 45	21 37			n.a.
T 3	22 4	20 13	2 22	23 5	1 38	10 7	0s 2	24 44	1 9	4 17	0 54	14 3	2 40	20 51	0 8	21 44	0 41	9 27	5 38	23 42	23 46	21 36			n.a.
W 4	21 55	22 45	1 6	22 40	1 35	9 38	0 6	24 42	1 9	4 20	0 53	14 4	2 40	20 51	0 8	21 44	0 41	9 27	5 39	23 42	23 46	21 35			n.a.
T 5	21 44	23 46	0s16	22 14	1 31	9 8	0 10	24 39	1 9	4 23	0 53	14 5	2 40	20 50	0 8	21 45	0 41	9 27	5 39	23 42	23 46	21 34			n.a.
F 6	21 34	23 2	1 38	21 47	1 27	8 38	0 14	24 36	1 9	4 26	0 53	14 7	2 41	20 50	0 8	21 45	0 41	9 27	5 39	23 42	23 46	21 34			n.a.
S 7	21 23	20 37	2 54	21 19	1 23	8 8	0 18	24 33	1 10	4 29	0 53	14 8	2 41	20 50	0 8	21 45	0 41	9 28	5 39	23 42	23 46	21 33			n.a.
S 8	21 11	16 46	3 57	20 50	1 18	7 38	0 22	24 29	1 10	4 32	0 52	14 10	2 41	20 50	0 8	21 45	0 41	9 28	5 39	23 42	23 46	21 32			n.a.
M 9	20 59	11 56	4 42	20 19	1 13	7 7	0 27	24 26	1 10	4 35	0 52	14 11	2 41	20 49	0 8	21 46	0 41	9 28	5 39	23 42	23 46	21 31			n.a.
T 10	20 47	6 31	5 8	19 48	1 8	6 37	0 31	24 22	1 10	4 39	0 52	14 13	2 41	20 49	0 8	21 46	0 41	9 28	5 39	23 43	23 47	21 30			n.a.
W11	20 35	0 56	5 15	19 15	1 3	6 6	0 35	24 18	1 10	4 42	0 52	14 14	2 42	20 49	0 8	21 46	0 41	9 28	5 39	23 43	23 47	21 29			n.a.
T 12	20 22	4n32	5 3	18 42	0 57	5 35	0 40	24 14	1 11	4 45	0 51	14 16	2 42	20 49	0 8	21 46	0 41	9 28	5 39	23 43	23 47	21 28			n.a.
F 13	20 8	9 37	4 36	18 8	0 51	5 4	0 44	24 9	1 11	4 49	0 51	14 18	2 42	20 49	0 8	21 46	0 41	9 28	5 39	23 43	23 47	21 27			n.a.
S 14	19 55	14 9	3 55	17 33	0 45	4 33	0 48	24 5	1 11	4 52	0 51	14 19	2 42	20 49	0 8	21 47	0 41	9 28	5 39	23 43	23 47	21 26			n.a.
S 15	19 41	17 57	3 4	16 58	0 39	4 2	0 53	24 0	1 11	4 55	0 51	14 21	2 42	20 48	0 8	21 47	0 41	9 28	5 39	23 43	23 47	21 24			n.a.
M16	19 26	20 53	2 6	16 22	0 33	3 30	0 57	23 55	1 11	4 59	0 51	14 23	2 43	20 48	0 8	21 47	0 41	9 28	5 39	23 43	23 48	21 23			n.a.
T 17	19 12	22 50	1 2	15 46	0 26	2 59	1 2	23 50	1 12	5 3	0 50	14 24	2 43	20 48	0 8	21 47	0 41	9 28	5 40	23 42	23 48	21 22			n.a.
W18	18 57	23 43	0n 3	15 9	0 19	2 28	1 7	23 45	1 12	5 6	0 50	14 26	2 43	20 48	0 8	21 48	0 41	9 28	5 40	23 42	23 48	21 21			n.a.
T 19	18 41	23 32	1 7	14 32	0 13	1 56	1 11	23 39	1 12	5 10	0 50	14 28	2 43	20 48	0 8	21 48	0 41	9 28	5 40	23 42	23 48	21 20			n.a.
F 20	18 25	22 16	2 8	13 54	0 6	1 25	1 16	23 34	1 12	5 14	0 50	14 29	2 43	20 48	0 8	21 48	0 41	9 28	5 40	23 43	23 48	21 19			n.a.
S 21	18 9	20 2	3 4	13 16	0s 1	0 53	1 20	23 28	1 12	5 17	0 49	14 31	2 43	20 48	0 8	21 48	0 41	9 28	5 40	23 43	23 48	21 18			n.a.
S 22	17 53	16 58	3 52	12 38	0 8	0 22	1 25	23 22	1 13	5 21	0 49	14 33	2 44	20 48	0 8	21 48	0 41	9 28	5 40	23 43	23 48	21 17			n.a.
M23	17 36	13 11	4 30	11 59	0 15	0s10	1 30	23 16	1 13	5 25	0 49	14 35	2 44	20 48	0 8	21 48	0 41	9 28	5 40	23 44	23 49	21 16			n.a.
T 24	17 19	8 51	4 56	11 20	0 22	0 41	1 34	23 9	1 13	5 29	0 49	14 36	2 44	20 48	0 8	21 49	0 41	9 28	5 40	23 44	23 49	21 15			n.a.
W25	17 2	4 9	5 9	10 42	0 30	1 12	1 39	23 3	1 13	5 33	0 48	14 38	2 44	20 48	0 8	21 49	0 41	9 28	5 40	23 44	23 49	21 14			n.a.
T 26	16 44	0s47	5 9	10 3	0 37	1 44	1 43	22 56	1 13	5 37	0 48	14 40	2 44	20 48	0 8	21 49	0 41	9 28	5 40	23 44	23 49	21 13			n.a.
F 27	16 26	5 47	4 53	9 24	0 44	2 15	1 48	22 49	1 13	5 41	0 48	14 42	2 44	20 48	0 8	21 49	0 41	9 28	5 40	23 45	23 49	21 12			n.a.
S 28	16 8	10 39	4 23	8 45	0 51	2 46	1 53	22 42	1 14	5 45	0 48	14 43	2 44	20 48	0 8	21 49	0 41	9 28	5 40	23 45	23 49	21 11			n.a.
S 29	15 50	15 10	3 39	8 6	0 59	3 17	1 57	22 35	1 14	5 49	0 48	14 45	2 44	20 48	0 8	21 49	0 41	9 27	5 40	23 45	23 49	21 10			n.a.
M30	15 31	19 3	2 41	7 27	1 6	3 48	2 2	22 27	1 14	5 53	0 47	14 47	2 45	20 48	0 8	21 50	0 41	9 27	5 41	23 45	23 49	21 8			n.a.
T 31	15n12	21s59	1n32	6n48	1s13	4s19	2s 7	22n20	1n14	5s57	0n47	14s49	2s45	20s48	0s 8	21n50	0s41	9n27	5s41	23n45	23n50	21n 7			n.a.

Julian Day Number = 976890.5, Delta T = 13h18m33s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'28, Lahiri = -32°03'28 Julian Calendar 1 Aug. 2039 BCE == Greg. Calendar 15 July 2039 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

SEPTEMBER 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 30 52	20♌43'28	4♑ 0	11♍30	7♎ 0	27♋58	16♎50	28°R23	0♐28	10♊41	9°R 7	6°R54	5♋ 4	9♌12	n.a.	W 1
T 2	21 34 49	21°43'15	18°45	12°52	8° 5	28°37	17° 0	28♒18	0°28	10°42	9♉ 7	6♋54	5° 1	9°18	n.a.	T 2
F 3	21 38 45	22°43'04	3♒49	14°13	9°11	29°15	17°11	28°13	0°29	10°43	9° 7	6°51	4°58	9°25	n.a.	F 3
S 4	21 42 42	23°42'55	19° 3	15°33	10°16	29°54	17°21	28° 8	0°29	10°44	9° 7	6°47	4°55	9°32	n.a.	S 4
S 5	21 46 39	24°42'48	4♓17	16°52	11°21	0♌33	17°32	28° 3	0°29	10°45	9° 7	6°40	4°52	9°38	n.a.	S 5
M 6	21 50 35	25°42'43	19°21	18° 9	12°25	1°12	17°43	27°58	0°30	10°46	9° 7	6°32	4°49	9°45	n.a.	M 6
T 7	21 54 32	26°42'40	4♈ 5	19°25	13°30	1°51	17°54	27°54	0°30	10°47	9° 6	6°25	4°45	9°52	n.a.	T 7
W 8	21 58 28	27°42'40	18°23	20°40	14°34	2°30	18° 5	27°49	0°31	10°48	9° 6	6°18	4°42	9°58	n.a.	W 8
T 9	22 2 25	28°42'42	2♉12	21°53	15°38	3° 9	18°16	27°44	0°31	10°48	9° 6	6°12	4°39	10° 5	n.a.	T 9
F 10	22 6 21	29°42'46	15°31	23° 4	16°41	3°47	18°27	27°39	0°32	10°49	9° 6	6° 9	4°36	10°12	n.a.	F 10
S 11	22 10 18	0♍42'53	28°22	24°14	17°45	4°26	18°38	27°34	0°33	10°50	9° 5	6°D 8	4°33	10°18	n.a.	S 11
S 12	22 14 14	1°43'02	10♊51	25°21	18°48	5° 5	18°49	27°29	0°33	10°50	9° 5	6° 8	4°29	10°25	n.a.	S 12
M13	22 18 11	2°43'13	23° 3	26°26	19°51	5°44	19° 1	27°24	0°34	10°51	9° 4	6° 9	4°26	10°32	n.a.	M13
T 14	22 22 7	3°43'27	5♋ 1	27°29	20°53	6°23	19°12	27°19	0°35	10°52	9° 4	6°R10	4°23	10°38	n.a.	T 14
W15	22 26 4	4°43'43	16°52	28°29	21°56	7° 2	19°24	27°15	0°36	10°52	9° 4	6° 9	4°20	10°45	n.a.	W15
T 16	22 30 1	5°44'01	28°39	29°26	22°58	7°41	19°35	27°10	0°37	10°53	9° 3	6° 7	4°17	10°52	n.a.	T 16
F 17	22 33 57	6°44'21	10♌26	0♎19	23°59	8°20	19°47	27° 5	0°38	10°53	9° 3	6° 1	4°14	10°58	n.a.	F 17
S 18	22 37 54	7°44'43	22°17	1° 9	25° 1	8°59	19°59	27° 0	0°39	10°54	9° 2	5°53	4°10	11° 5	n.a.	S 18
S 19	22 41 50	8°45'07	4♍13	1°54	26° 2	9°38	20°11	26°56	0°40	10°54	9° 2	5°43	4° 7	11°12	n.a.	S 19
M20	22 45 47	9°45'33	16°17	2°34	27° 2	10°17	20°23	26°51	0°41	10°55	9° 1	5°30	4° 4	11°18	n.a.	M20
T 21	22 49 43	10°46'01	28°28	3° 9	28° 3	10°57	20°35	26°46	0°42	10°55	9° 1	5°18	4° 1	11°25	n.a.	T 21
W22	22 53 40	11°46'30	10♎48	3°38	29° 2	11°36	20°47	26°41	0°44	10°55	9° 0	5° 5	3°58	11°32	n.a.	W22
T 23	22 57 36	12°47'02	23°18	4° 1	0♏ 2	12°15	20°59	26°37	0°45	10°55	9° 0	4°55	3°55	11°38	n.a.	T 23
F 24	23 1 33	13°47'35	5♏58	4°16	1° 1	12°54	21°11	26°32	0°46	10°56	8°59	4°46	3°51	11°45	n.a.	F 24
S 25	23 5 29	14°48'09	18°52	4°R24	2° 0	13°33	21°23	26°28	0°48	10°56	8°58	4°41	3°48	11°52	n.a.	S 25
S 26	23 9 26	15°48'45	2♐ 0	4°23	2°58	14°12	21°36	26°23	0°49	10°56	8°58	4°38	3°45	11°59	n.a.	S 26
M27	23 13 23	16°49'22	15°25	4°12	3°56	14°51	21°48	26°19	0°51	10°56	8°57	4°D37	3°42	12° 5	n.a.	M27
T 28	23 17 19	17°50'01	29°10	3°52	4°53	15°30	22° 1	26°15	0°52	10°56	8°56	4°R37	3°39	12°12	n.a.	T 28
W29	23 21 16	18°50'42	13♑15	3°22	5°50	16°10	22°13	26°10	0°54	10°56	8°56	4°37	3°35	12°19	n.a.	W29
T 30	23 25 12	19♍51'23	27♑41	2♎41	6♏46	16♌49	22♎26	26♒ 6	0♐55	10♊57	8♉55	4♋35	3♋32	12♌25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n53	23s36	0n16	6n10	1s20	4s50	2s11	22n12	1n14	6s 1	0n47	14s51	2s45	20s48	0s 8	21n50	0s41	9n27	5s41	23n45	23n50	21n 6		n.a.
T 2	14 33	23 38	1s 4	5 31	1 27	5 21	2 16	22 4	1 14	6 6	0 47	14 52	2 45	20 48	0 8	21 50	0 41	9 27	5 41	23 45	23 50	21 5		n.a.
F 3	14 13	21 58	2 20	4 53	1 34	5 51	2 21	21 56	1 14	6 10	0 47	14 54	2 45	20 48	0 8	21 50	0 41	9 27	5 41	23 45	23 50	21 4		n.a.
S 4	13 53	18 42	3 28	4 16	1 41	6 22	2 25	21 48	1 15	6 14	0 46	14 56	2 45	20 48	0 8	21 50	0 41	9 27	5 41	23 45	23 50	21 3		n.a.
S 5	13 33	14 9	4 20	3 38	1 48	6 52	2 30	21 39	1 15	6 19	0 46	14 58	2 45	20 48	0 8	21 50	0 41	9 27	5 41	23 45	23 50	21 2		n.a.
M 6	13 12	8 47	4 54	3 2	1 54	7 22	2 34	21 31	1 15	6 23	0 46	15 0	2 45	20 48	0 8	21 50	0 41	9 27	5 41	23 46	23 50	21 0		n.a.
T 7	12 52	3 1	5 7	2 25	2 1	7 52	2 39	21 22	1 15	6 27	0 46	15 1	2 45	20 48	0 8	21 51	0 41	9 26	5 41	23 46	23 50	20 59		n.a.
W 8	12 31	2n44	5 1	1 50	2 7	8 21	2 43	21 13	1 15	6 32	0 46	15 3	2 45	20 48	0 8	21 51	0 41	9 26	5 41	23 46	23 51	20 58		n.a.
T 9	12 10	8 10	4 37	1 15	2 13	8 51	2 48	21 4	1 15	6 36	0 45	15 5	2 45	20 48	0 8	21 51	0 41	9 26	5 41	23 47	23 51	20 57		n.a.
F 10	11 48	13 1	3 58	0 41	2 19	9 20	2 52	20 55	1 15	6 41	0 45	15 7	2 45	20 49	0 8	21 51	0 41	9 26	5 41	23 47	23 51	20 56		n.a.
S 11	11 27	17 8	3 9	0 8	2 25	9 49	2 57	20 46	1 15	6 45	0 45	15 8	2 45	20 49	0 8	21 51	0 41	9 26	5 41	23 47	23 51	20 55		n.a.
S 12	11 5	20 21	2 12	0s24	2 30	10 17	3 1	20 36	1 16	6 50	0 45	15 10	2 45	20 49	0 8	21 51	0 41	9 26	5 42	23 47	23 51	20 53		n.a.
M13	10 43	22 35	1 10	0 55	2 35	10 46	3 5	20 27	1 16	6 54	0 45	15 12	2 45	20 49	0 8	21 51	0 41	9 25	5 42	23 47	23 51	20 52		n.a.
T 14	10 21	23 44	0 6	1 25	2 39	11 14	3 9	20 17	1 16	6 59	0 44	15 14	2 45	20 49	0 8	21 51	0 41	9 25	5 42	23 47	23 51	20 51		n.a.
W15	9 58	23 47	0n57	1 53	2 44	11 41	3 13	20 7	1 16	7 4	0 44	15 15	2 45	20 49	0 8	21 51	0 41	9 25	5 42	23 47	23 51	20 50		n.a.
T 16	9 36	22 46	1 57	2 19	2 47	12 9	3 18	19 57	1 16	7 8	0 44	15 17	2 45	20 50	0 8	21 51	0 41	9 25	5 42	23 47	23 51	20 49		n.a.
F 17	9 13	20 44	2 52	2 44	2 51	12 36	3 22	19 46	1 16	7 13	0 44	15 19	2 45	20 50	0 8	21 51	0 41	9 25	5 42	23 47	23 52	20 47		n.a.
S 18	8 50	17 49	3 40	3 6	2 53	13 3	3 26	19 36	1 16	7 18	0 44	15 20	2 45	20 50	0 8	21 51	0 41	9 24	5 42	23 48	23 52	20 46		n.a.
S 19	8 27	14 9	4 19	3 26	2 55	13 29	3 29	19 25	1 16	7 22	0 44	15 22	2 45	20 50	0 8	21 52	0 41	9 24	5 42	23 48	23 52	20 45		n.a.
M20	8 4	9 53	4 46	3 43	2 56	13 56	3 33	19 15	1 16	7 27	0 43	15 24	2 45	20 51	0 8	21 52	0 41	9 24	5 42	23 49	23 52	20 44		n.a.
T 21	7 41	5 12	5 0	3 58	2 56	14 21	3 37	19 4	1 17	7 32	0 43	15 25	2 45	20 51	0 8	21 52	0 41	9 24	5 42	23 49	23 52	20 43		n.a.
W22	7 17	0 14	5 1	4 9	2 56	14 47	3 41	18 53	1 17	7 37	0 43	15 27	2 45	20 51	0 8	21 52	0 41	9 23	5 42	23 50	23 52	20 41		n.a.
T 23	6 54	4s48	4 47	4 17	2 54	15 12	3 44	18 42	1 17	7 41	0 43	15 28	2 45	20 51	0 8	21 52	0 41	9 23	5 42	23 50	23 52	20 40		n.a.
F 24	6 30	9 43	4 19	4 20	2 51	15 36	3 48	18 31	1 17	7 46	0 43	15 30	2 45	20 52	0 8	21 52	0 41	9 23	5 42	23 50	23 52	20 39		n.a.
S 25	6 6	14 18	3 38	4 20	2 47	16 0	3 51	18 19	1 17	7 51	0 43	15 31	2 45	20 52	0 8	21 52	0 41	9 23	5 42	23 51	23 52	20 38		n.a.
S 26	5 42	18 19	2 44	4 14	2 41	16 24	3 54	18 8	1 17	7 56	0 42	15 33	2 45	20 52	0 8	21 52	0 41	9 22	5 42	23 51	23 52	20 36		n.a.
M27	5 18	21 27	1 40	4 3	2 34	16 48	3 57	17 56	1 17	8 1	0 42	15 34	2 45	20 53	0 8	21 52	0 41	9 22	5 43	23 51	23 53	20 35		n.a.
T 28	4 54	23 27	0 29	3 47	2 25	17 10	4 0	17 44	1 17	8 6	0 42	15 36	2 45	20 53	0 8	21 52	0 41	9 22	5 43	23 51	23 53	20 34		n.a.
W29	4 30	24 1	0s46	3 25	2 15	17 33	4 3	17 32	1 17	8 11	0 42	15 37	2 44	20 53	0 8	21 52	0 41	9 22	5 43	23 51	23 53	20 32		n.a.
T 30	4n 6	22s59	1s59	2s57	2s 2	17s55	4s 6	17n20	1n17	8s16	0n42	15s39	2s44	20s54	0s 8	21n52	0s41	9n21	5s43	23n51	23n53	20n31		n.a.

Julian Day Number = 976921.5, Delta T = 13h18m31s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'24, Lahiri = -32°03'23 Julian Calendar 1 Sept. 2039 BCE == Greg. Calendar 15 Aug. 2039 BCE

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

OCTOBER 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 29 9	20♍52'06	12♒25	1°R51	7♏42	17♌28	22♎39	26°R 2	0♐57	10°R57	8°R54	4°R31	3♋29	12♌32	n.a.	F 1
S 2	23 33 5	21°52'50	27°22	0♎51	8°37	18° 7	22°51	25♒58	0°59	10♊57	8♉53	4♋24	3°26	12°39	n.a.	S 2
S 3	23 37 2	22°53'36	12♓24	29♍43	9°31	18°46	23° 4	25°54	1° 0	10°56	8°53	4°14	3°23	12°45	n.a.	S 3
M 4	23 40 58	23°54'23	27°20	28°28	10°25	19°26	23°17	25°50	1° 2	10°56	8°52	4° 3	3°20	12°52	n.a.	M 4
T 5	23 44 55	24°55'12	12♈ 3	27° 9	11°18	20° 5	23°30	25°46	1° 4	10°56	8°51	3°51	3°16	12°59	n.a.	T 5
W 6	23 48 52	25°56'02	26°24	25°47	12°11	20°44	23°43	25°42	1° 6	10°56	8°50	3°40	3°13	13° 5	n.a.	W 6
T 7	23 52 48	26°56'54	10♉18	24°26	13° 3	21°24	23°56	25°38	1° 8	10°56	8°49	3°31	3°10	13°12	n.a.	T 7
F 8	23 56 45	27°57'47	23°42	23° 9	13°54	22° 3	24° 9	25°34	1°10	10°56	8°48	3°24	3° 7	13°19	n.a.	F 8
S 9	0 0 41	28°58'42	6♊40	21°57	14°45	22°42	24°22	25°31	1°12	10°55	8°48	3°21	3° 4	13°25	n.a.	S 9
S 10	0 4 38	29°59'39	19°12	20°53	15°34	23°22	24°35	25°27	1°14	10°55	8°47	3°19	3° 0	13°32	n.a.	S 10
M11	0 8 34	1♎ 0'37	1♋26	19°59	16°23	24° 1	24°48	25°23	1°16	10°55	8°46	3°19	2°57	13°39	n.a.	M11
T 12	0 12 31	2° 1'37	13°25	19°16	17°11	24°40	25° 1	25°20	1°18	10°54	8°45	3°19	2°54	13°45	n.a.	T 12
W13	0 16 27	3° 2'38	25°15	18°45	17°59	25°20	25°15	25°17	1°21	10°54	8°44	3°18	2°51	13°52	n.a.	W13
T 14	0 20 24	4° 3'41	7♌ 3	18°25	18°45	25°59	25°28	25°13	1°23	10°54	8°43	3°14	2°48	13°59	n.a.	T 14
F 15	0 24 21	5° 4'45	18°52	18°D16	19°30	26°39	25°41	25°10	1°25	10°53	8°42	3° 8	2°45	14° 5	n.a.	F 15
S 16	0 28 17	6° 5'51	0♍46	18°18	20°15	27°18	25°55	25° 7	1°27	10°53	8°41	2°59	2°41	14°12	n.a.	S 16
S 17	0 32 14	7° 6'58	12°49	18°31	20°58	27°57	26° 8	25° 4	1°30	10°52	8°40	2°47	2°38	14°19	n.a.	S 17
M18	0 36 10	8° 8'05	25° 3	18°53	21°40	28°37	26°21	25° 1	1°32	10°52	8°39	2°33	2°35	14°25	n.a.	M18
T 19	0 40 7	9° 9'14	7♎28	19°23	22°21	29°16	26°35	24°59	1°35	10°51	8°38	2°19	2°32	14°32	n.a.	T 19
W20	0 44 3	10°10'24	20° 5	20° 1	23° 1	29°56	26°48	24°56	1°37	10°50	8°37	2° 4	2°29	14°39	n.a.	W20
T 21	0 48 0	11°11'35	2♏53	20°46	23°40	0♍35	27° 2	24°53	1°40	10°50	8°36	1°52	2°26	14°45	n.a.	T 21
F 22	0 51 56	12°12'47	15°52	21°37	24°18	1°15	27°15	24°51	1°42	10°49	8°35	1°42	2°22	14°52	n.a.	F 22
S 23	0 55 53	13°13'59	29° 2	22°33	24°54	1°54	27°29	24°48	1°45	10°48	8°34	1°36	2°19	14°59	n.a.	S 23
S 24	0 59 50	14°15'12	12♐22	23°34	25°29	2°34	27°43	24°46	1°47	10°48	8°33	1°32	2°16	15° 6	n.a.	S 24
M25	1 3 46	15°16'26	25°54	24°39	26° 3	3°14	27°56	24°44	1°50	10°47	8°31	1°D31	2°13	15°12	n.a.	M25
T 26	1 7 43	16°17'40	9♑38	25°47	26°35	3°53	28°10	24°42	1°53	10°46	8°30	1°R31	2°10	15°19	n.a.	T 26
W27	1 11 39	17°18'55	23°34	26°59	27° 5	4°33	28°24	24°40	1°55	10°45	8°29	1°31	2° 6	15°26	n.a.	W27
T 28	1 15 36	18°20'10	7♒44	28°13	27°34	5°12	28°37	24°38	1°58	10°44	8°28	1°29	2° 3	15°32	n.a.	T 28
F 29	1 19 32	19°21'25	22° 6	29°29	28° 1	5°52	28°51	24°36	2° 1	10°43	8°27	1°25	2° 0	15°39	n.a.	F 29
S 30	1 23 29	20°22'40	6♓37	0♎47	28°26	6°32	29° 5	24°34	2° 4	10°42	8°26	1°19	1°57	15°46	n.a.	S 30
S 31	1 27 26	21♎23'56	21♓13	2♎ 7	28♏50	7♍11	29♎19	24♒33	2♐ 7	10♊41	8♉25	1♋10	1♋54	15♌52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n41	20s23	3s 6	2s24	1s48	18s16	4s 9	17n 8	1n17	8s20	0n42	15s40	2s44	20s54	0s 8	21n52	0s41	9n21	5s43	23n51	23n53	20n30		n.a.
S 2	3 17	16 23	4 1	1 45	1 32	18 37	4 11	16 56	1 17	8 25	0 41	15 41	2 44	20 54	0 8	21 52	0 41	9 21	5 43	23 51	23 53	20 29		n.a.
S 3	2 53	11 20	4 39	1 1	1 14	18 57	4 14	16 44	1 17	8 30	0 41	15 43	2 44	20 55	0 8	21 52	0 41	9 20	5 43	23 52	23 53	20 27		n.a.
M 4	2 28	5 38	4 59	0 13	0 55	19 17	4 16	16 31	1 17	8 35	0 41	15 44	2 44	20 55	0 8	21 52	0 41	9 20	5 43	23 52	23 53	20 26		n.a.
T 5	2 3	0n18	4 58	0n37	0 35	19 36	4 18	16 18	1 18	8 40	0 41	15 45	2 44	20 55	0 8	21 52	0 41	9 20	5 43	23 52	23 53	20 25		n.a.
W 6	1 39	6 5	4 38	1 29	0 15	19 55	4 20	16 6	1 18	8 45	0 41	15 46	2 44	20 56	0 8	21 52	0 41	9 20	5 43	23 53	23 53	20 23		n.a.
T 7	1 14	11 23	4 2	2 20	0n 6	20 13	4 22	15 53	1 18	8 50	0 41	15 48	2 43	20 56	0 8	21 52	0 41	9 19	5 43	23 53	23 53	20 22		n.a.
F 8	0 50	15 58	3 13	3 10	0 26	20 31	4 24	15 40	1 18	8 55	0 41	15 49	2 43	20 57	0 8	21 52	0 41	9 19	5 43	23 53	23 53	20 21		n.a.
S 9	0 25	19 38	2 16	3 57	0 46	20 48	4 25	15 27	1 18	9 0	0 40	15 50	2 43	20 57	0 8	21 51	0 41	9 19	5 43	23 53	23 54	20 19		n.a.
S 10	0 0	22 15	1 14	4 39	1 4	21 4	4 26	15 14	1 18	9 5	0 40	15 51	2 43	20 58	0 8	21 51	0 41	9 18	5 43	23 53	23 54	20 18		n.a.
M11	0s25	23 45	0 10	5 16	1 20	21 20	4 27	15 0	1 18	9 10	0 40	15 52	2 43	20 58	0 8	21 51	0 41	9 18	5 43	23 53	23 54	20 17		n.a.
T 12	0 49	24 7	0n53	5 47	1 35	21 35	4 28	14 47	1 18	9 16	0 40	15 53	2 43	20 58	0 8	21 51	0 41	9 18	5 43	23 53	23 54	20 15		n.a.
W13	1 14	23 22	1 53	6 12	1 48	21 50	4 29	14 33	1 18	9 21	0 40	15 54	2 43	20 59	0 8	21 51	0 41	9 17	5 43	23 53	23 54	20 14		n.a.
T 14	1 39	21 36	2 48	6 30	1 59	22 4	4 30	14 20	1 18	9 26	0 40	15 55	2 42	20 59	0 8	21 51	0 41	9 17	5 43	23 53	23 54	20 13		n.a.
F 15	2 3	18 53	3 36	6 42	2 9	22 17	4 30	14 6	1 18	9 31	0 40	15 56	2 42	21 0	0 8	21 51	0 41	9 17	5 43	23 53	23 54	20 11		n.a.
S 16	2 28	15 22	4 14	6 48	2 16	22 29	4 30	13 52	1 18	9 36	0 39	15 57	2 42	21 0	0 8	21 51	0 41	9 16	5 43	23 54	23 54	20 10		n.a.
S 17	2 53	11 12	4 42	6 48	2 22	22 41	4 30	13 38	1 18	9 41	0 39	15 58	2 42	21 1	0 8	21 51	0 41	9 16	5 43	23 54	23 54	20 8		n.a.
M18	3 17	6 32	4 57	6 43	2 26	22 53	4 29	13 24	1 18	9 46	0 39	15 58	2 42	21 1	0 8	21 51	0 41	9 16	5 43	23 54	23 54	20 7		n.a.
T 19	3 42	1 32	4 58	6 33	2 29	23 3	4 29	13 10	1 18	9 51	0 39	15 59	2 41	21 2	0 8	21 51	0 41	9 15	5 43	23 54	23 54	20 6		n.a.
W20	4 6	3s37	4 45	6 19	2 30	23 13	4 28	12 56	1 18	9 56	0 39	16 0	2 41	21 2	0 8	21 51	0 41	9 15	5 43	23 55	23 54	20 4		n.a.
T 21	4 31	8 42	4 18	6 1	2 30	23 22	4 27	12 42	1 18	10 1	0 39	16 1	2 41	21 3	0 8	21 51	0 41	9 15	5 43	23 55	23 54	20 3		n.a.
F 22	4 55	13 29	3 36	5 40	2 30	23 30	4 25	12 27	1 18	10 6	0 39	16 1	2 41	21 3	0 8	21 50	0 41	9 14	5 43	23 55	23 54	20 1		n.a.
S 23	5 20	17 42	2 43	5 16	2 28	23 38	4 23	12 13	1 18	10 11	0 39	16 2	2 41	21 4	0 8	21 50	0 41	9 14	5 43	23 55	23 54	20 0		n.a.
S 24	5 44	21 6	1 39	4 50	2 26	23 45	4 21	11 59	1 18	10 16	0 38	16 3	2 40	21 4	0 8	21 50	0 41	9 14	5 43	23 55	23 55	19 59		n.a.
M25	6 8	23 22	0 30	4 20	2 23	23 51	4 19	11 44	1 18	10 22	0 38	16 3	2 40	21 5	0 8	21 50	0 41	9 13	5 43	23 55	23 55	19 57		n.a.
T 26	6 32	24 17	0s43	3 49	2 19	23 56	4 16	11 29	1 18	10 27	0 38	16 4	2 40	21 6	0 8	21 50	0 41	9 13	5 43	23 55	23 55	19 56		n.a.
W27	6 56	23 42	1 54	3 17	2 15	24 0	4 13	11 14	1 18	10 32	0 38	16 4	2 40	21 6	0 8	21 50	0 41	9 12	5 43	23 55	23 55	19 54		n.a.
T 28	7 20	21 36	2 59	2 42	2 10	24 4	4 10	11 0	1 18	10 37	0 38	16 5	2 40	21 7	0 8	21 50	0 41	9 12	5 43	23 55	23 55	19 53		n.a.
F 29	7 44	18 6	3 54	2 7	2 5	24 7	4 6	10 45	1 18	10 42	0 38	16 5	2 39	21 7	0 8	21 50	0 41	9 12	5 43	23 55	23 55	19 51		n.a.
S 30	8 7	13 30	4 35	1 30	2 0	24 9	4 2	10 30	1 18	10 47	0 38	16 5	2 39	21 8	0 8	21 49	0 41	9 11	5 43	23 55	23 55	19 50		n.a.
S 31	8s31	8s 5	4s58	0n53	1n54	24s10	3s57	10n15	1n17	10s52	0n38	16s 6	2s39	21s 8	0s 8	21n49	0s41	9n11	5s43	23n55	23n55	19n49		n.a.

Julian Day Number = 976951.5, Delta T = 13h18m29s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'20, Lahiri = -32°03'19 Julian Calendar 1 Oct. 2039 BCE == Greg. Calendar 14 Sept. 2039 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

NOVEMBER 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 31 22	22♎25'12	5♈46	3♎28	29♏12	7♍51	29♎32	24°R31	2♐ 9	10°R41	8°R24	0°R59	1♋51	15♌59	n.a.	M 1
T 2	1 35 19	23°26'29	20°10	4°51	29°31	8°30	29°46	24♒30	2°12	10♊40	8♉22	0♋48	1°47	16° 6	n.a.	T 2
W 3	1 39 15	24°27'46	4♉18	6°15	29°49	9°10	29°59	24°29	2°15	10°38	8°21	0°37	1°44	16°12	n.a.	W 3
T 4	1 43 12	25°29'03	18° 4	7°40	0♐ 5	9°50	0♏14	24°28	2°18	10°37	8°20	0°28	1°41	16°19	n.a.	T 4
F 5	1 47 8	26°30'21	1♊27	9° 6	0°18	10°29	0°28	24°27	2°21	10°36	8°19	0°22	1°38	16°26	n.a.	F 5
S 6	1 51 5	27°31'40	14°25	10°32	0°30	11° 9	0°41	24°26	2°24	10°35	8°18	0°18	1°35	16°32	n.a.	S 6
S 7	1 55 1	28°32'59	27° 1	11°59	0°39	11°49	0°55	24°25	2°27	10°34	8°16	0°D17	1°32	16°39	n.a.	S 7
M 8	1 58 58	29°34'18	9♋17	13°27	0°46	12°29	1° 9	24°24	2°30	10°33	8°15	0°17	1°28	16°46	n.a.	M 8
T 9	2 2 55	0♏35'38	21°19	14°56	0°50	13° 8	1°23	24°24	2°34	10°32	8°14	0°18	1°25	16°52	n.a.	T 9
W10	2 6 51	1°36'58	3♌12	16°24	0°R52	13°48	1°37	24°23	2°37	10°30	8°13	0°R19	1°22	16°59	n.a.	W10
T 11	2 10 48	2°38'19	15° 2	17°54	0°52	14°28	1°51	24°23	2°40	10°29	8°12	0°18	1°19	17° 6	n.a.	T 11
F 12	2 14 44	3°39'40	26°52	19°24	0°49	15° 8	2° 4	24°23	2°43	10°28	8°10	0°14	1°16	17°13	n.a.	F 12
S 13	2 18 41	4°41'01	8♍49	20°54	0°44	15°48	2°18	24°D23	2°46	10°27	8° 9	0° 9	1°12	17°19	n.a.	S 13
S 14	2 22 37	5°42'22	20°57	22°24	0°36	16°27	2°32	24°23	2°49	10°25	8° 8	0° 1	1° 9	17°26	n.a.	S 14
M15	2 26 34	6°43'44	3♎18	23°55	0°25	17° 7	2°46	24°23	2°53	10°24	8° 7	29♊52	1° 6	17°33	n.a.	M15
T 16	2 30 31	7°45'05	15°55	25°26	0°13	17°47	3° 0	24°23	2°56	10°23	8° 6	29°42	1° 3	17°39	n.a.	T 16
W17	2 34 27	8°46'27	28°48	26°58	29♏57	18°27	3°14	24°23	2°59	10°21	8° 4	29°32	1° 0	17°46	n.a.	W17
T 18	2 38 24	9°47'48	11♏56	28°30	29°40	19° 7	3°28	24°24	3° 2	10°20	8° 3	29°23	0°57	17°53	n.a.	T 18
F 19	2 42 20	10°49'10	25°19	0♏ 2	29°19	19°47	3°41	24°24	3° 6	10°19	8° 2	29°16	0°53	17°59	n.a.	F 19
S 20	2 46 17	11°50'30	8♐53	1°35	28°57	20°26	3°55	24°25	3° 9	10°17	8° 1	29°12	0°50	18° 6	n.a.	S 20
S 21	2 50 13	12°51'51	22°37	3° 8	28°32	21° 6	4° 9	24°26	3°12	10°16	7°59	29°D10	0°47	18°13	n.a.	S 21
M22	2 54 10	13°53'11	6♑29	4°41	28° 6	21°46	4°23	24°27	3°16	10°14	7°58	29°10	0°44	18°19	n.a.	M22
T 23	2 58 6	14°54'30	20°28	6°15	27°37	22°26	4°36	24°28	3°19	10°13	7°57	29°11	0°41	18°26	n.a.	T 23
W24	3 2 3	15°55'49	4♒31	7°49	27° 7	23° 6	4°50	24°29	3°23	10°11	7°56	29°13	0°37	18°33	n.a.	W24
T 25	3 6 0	16°57'07	18°38	9°24	26°34	23°46	5° 4	24°30	3°26	10°10	7°55	29°R13	0°34	18°39	n.a.	T 25
F 26	3 9 56	17°58'24	2♓47	10°59	26° 1	24°26	5°18	24°32	3°29	10° 8	7°53	29°12	0°31	18°46	n.a.	F 26
S 27	3 13 53	18°59'39	16°57	12°34	25°26	25° 6	5°31	24°33	3°33	10° 7	7°52	29° 9	0°28	18°53	n.a.	S 27
S 28	3 17 49	20° 0'55	1♈ 6	14°10	24°51	25°46	5°45	24°35	3°36	10° 5	7°51	29° 4	0°25	19° 0	n.a.	S 28
M29	3 21 46	21° 2'09	15° 9	15°46	24°14	26°26	5°59	24°37	3°40	10° 3	7°50	28°59	0°22	19° 6	n.a.	M29
T 30	3 25 42	22♏ 3'22	29♈ 4	17♏23	23♏37	27♍ 6	6♏12	24♒38	3♐43	10♊ 2	7♉49	28♊52	0♋18	19♌13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s54	2s15	5s 1	0n14	1n48	24s10	3s53	9n59	1n17	10s57	0n38	16s 6	2s39	21s 9	0s 8	21n49	0s41	9n11	5s43	23n55	23n55	19n47		n.a.
T 2	9 17	3n39	4 45	0s25	1 42	24 9	3 47	9 44	1 17	11 2	0 37	16 6	2 38	21 10	0 8	21 49	0 41	9 10	5 43	23 56	23 55	19 46		n.a.
W 3	9 40	9 16	4 12	1 5	1 35	24 8	3 41	9 29	1 17	11 7	0 37	16 6	2 38	21 10	0 8	21 49	0 41	9 10	5 43	23 56	23 55	19 44		n.a.
T 4	10 3	14 17	3 25	1 45	1 29	24 5	3 35	9 14	1 17	11 12	0 37	16 7	2 38	21 11	0 8	21 49	0 41	9 10	5 43	23 56	23 55	19 43		n.a.
F 5	10 26	18 28	2 27	2 25	1 22	24 2	3 29	8 58	1 17	11 17	0 37	16 7	2 38	21 11	0 8	21 49	0 41	9 9	5 43	23 56	23 55	19 41		n.a.
S 6	10 48	21 37	1 24	3 6	1 15	23 57	3 22	8 43	1 17	11 22	0 37	16 7	2 37	21 12	0 8	21 48	0 42	9 9	5 43	23 56	23 55	19 40		n.a.
S 7	11 11	23 36	0 18	3 47	1 8	23 52	3 14	8 27	1 17	11 27	0 37	16 7	2 37	21 13	0 8	21 48	0 42	9 9	5 43	23 56	23 55	19 38		n.a.
M 8	11 33	24 24	0n48	4 29	1 1	23 45	3 6	8 12	1 17	11 32	0 37	16 7	2 37	21 13	0 8	21 48	0 42	9 8	5 43	23 56	23 55	19 37		n.a.
T 9	11 55	24 1	1 50	5 10	0 54	23 38	2 57	7 56	1 17	11 37	0 37	16 7	2 37	21 14	0 8	21 48	0 42	9 8	5 43	23 56	23 55	19 35		n.a.
W10	12 17	22 32	2 47	5 51	0 47	23 30	2 48	7 40	1 17	11 42	0 37	16 7	2 36	21 15	0 8	21 48	0 42	9 7	5 43	23 56	23 55	19 34		n.a.
T 11	12 38	20 5	3 36	6 32	0 40	23 20	2 39	7 25	1 17	11 47	0 37	16 7	2 36	21 15	0 8	21 47	0 42	9 7	5 43	23 56	23 55	19 32		n.a.
F 12	12 59	16 48	4 16	7 14	0 33	23 10	2 29	7 9	1 16	11 52	0 36	16 6	2 36	21 16	0 8	21 47	0 42	9 7	5 43	23 56	23 55	19 31		n.a.
S 13	13 21	12 49	4 45	7 55	0 26	22 58	2 18	6 53	1 16	11 57	0 36	16 6	2 36	21 16	0 8	21 47	0 42	9 6	5 43	23 56	23 55	19 29		n.a.
S 14	13 42	8 16	5 2	8 36	0 19	22 46	2 7	6 37	1 16	12 2	0 36	16 6	2 35	21 17	0 8	21 47	0 42	9 6	5 43	23 56	23 55	19 28		n.a.
M15	14 2	3 19	5 5	9 16	0 12	22 32	1 56	6 21	1 16	12 7	0 36	16 6	2 35	21 18	0 8	21 47	0 42	9 6	5 43	23 56	23 55	19 26		n.a.
T 16	14 23	1s53	4 54	9 57	0 5	22 18	1 44	6 5	1 16	12 12	0 36	16 5	2 35	21 18	0 8	21 47	0 42	9 5	5 43	23 56	23 55	19 25		n.a.
W17	14 43	7 7	4 27	10 37	0s 1	22 2	1 31	5 49	1 16	12 17	0 36	16 5	2 35	21 19	0 8	21 46	0 42	9 5	5 43	23 56	23 55	19 23		n.a.
T 18	15 3	12 9	3 46	11 17	0 8	21 46	1 18	5 33	1 16	12 22	0 36	16 5	2 34	21 20	0 8	21 46	0 42	9 5	5 43	23 56	23 55	19 21		n.a.
F 19	15 22	16 42	2 52	11 57	0 15	21 28	1 5	5 17	1 16	12 26	0 36	16 4	2 34	21 20	0 8	21 46	0 42	9 4	5 43	23 56	23 56	19 20		n.a.
S 20	15 42	20 28	1 47	12 36	0 21	21 10	0 51	5 1	1 15	12 31	0 36	16 4	2 34	21 21	0 8	21 46	0 42	9 4	5 43	23 56	23 56	19 18		n.a.
S 21	16 1	23 8	0 35	13 14	0 28	20 50	0 37	4 45	1 15	12 36	0 36	16 3	2 34	21 22	0 8	21 45	0 42	9 4	5 42	23 56	23 56	19 17		n.a.
M22	16 20	24 25	0s40	13 53	0 34	20 30	0 23	4 28	1 15	12 41	0 36	16 3	2 33	21 22	0 8	21 45	0 42	9 3	5 42	23 56	23 56	19 15		n.a.
T 23	16 38	24 11	1 53	14 31	0 40	20 9	0 8	4 12	1 15	12 46	0 35	16 2	2 33	21 23	0 8	21 45	0 42	9 3	5 42	23 56	23 56	19 14		n.a.
W24	16 57	22 25	3 0	15 8	0 46	19 48	0n 7	3 56	1 15	12 51	0 35	16 1	2 33	21 24	0 8	21 45	0 42	9 3	5 42	23 56	23 56	19 12		n.a.
T 25	17 14	19 16	3 56	15 44	0 52	19 25	0 23	3 40	1 14	12 55	0 35	16 1	2 33	21 24	0 8	21 45	0 42	9 2	5 42	23 56	23 56	19 10		n.a.
F 26	17 32	15 0	4 38	16 20	0 58	19 2	0 38	3 23	1 14	13 0	0 35	16 0	2 32	21 25	0 8	21 44	0 42	9 2	5 42	23 56	23 56	19 9		n.a.
S 27	17 49	9 53	5 3	16 56	1 4	18 39	0 53	3 7	1 14	13 5	0 35	15 59	2 32	21 26	0 8	21 44	0 42	9 2	5 42	23 56	23 56	19 7		n.a.
S 28	18 6	4 17	5 10	17 31	1 9	18 15	1 9	2 51	1 14	13 9	0 35	15 58	2 32	21 26	0 8	21 44	0 41	9 1	5 42	23 55	23 56	19 6		n.a.
M29	18 23	1n31	4 58	18 5	1 14	17 51	1 24	2 34	1 14	13 14	0 35	15 58	2 32	21 27	0 8	21 44	0 41	9 1	5 42	23 55	23 56	19 4		n.a.
T 30	18s39	7n11	4s28	18s38	1s19	17s27	1n40	2n18	1n13	13s19	0n35	15s57	2s31	21s28	0s 8	21n43	0s41	9n 1	5s42	23n55	23n56	19n 2		n.a.

Julian Day Number = 976982.5, Delta T = 13h18m27s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'16, Lahiri = -32°03'15 Julian Calendar 1 Nov. 2039 BCE == Greg. Calendar 15 Oct. 2039 BCE

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ASTRODIENST EPHEMERIS for the year 2039 BCE
geocentric

DECEMBER 2039 BCE (-2038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 29 39	23♏ 4'34	12♉46	19♏ 0	23°R 0	27♍46	6♏26	24♒40	3♐47	10°R 0	7°R47	28°R46	0♋15	19♌20	n.a.	W 1
T 2	3 33 36	24° 5'46	26°12	20°38	22♏23	28°26	6°39	24°42	3°50	9♊59	7♉46	28♊41	0°12	19°26	n.a.	T 2
F 3	3 37 32	25° 6'57	9♊21	22°16	21°46	29° 5	6°53	24°45	3°54	9°57	7°45	28°38	0° 9	19°33	n.a.	F 3
S 4	3 41 29	26° 8'07	22°11	23°55	21°10	29°45	7° 6	24°47	3°57	9°55	7°44	28°36	0° 6	19°40	n.a.	S 4
S 5	3 45 25	27° 9'17	4♋43	25°34	20°35	0♎25	7°20	24°49	4° 1	9°54	7°43	28°D36	0° 3	19°46	n.a.	S 5
M 6	3 49 22	28°10'26	16°59	27°14	20° 1	1° 5	7°33	24°52	4° 4	9°52	7°42	28°37	29♊59	19°53	n.a.	M 6
T 7	3 53 18	29°11'34	29° 2	28°55	19°28	1°46	7°47	24°54	4° 8	9°51	7°41	28°39	29°56	20° 0	n.a.	T 7
W 8	3 57 15	0♐12'41	10♌57	0♐36	18°56	2°26	8° 0	24°57	4°11	9°49	7°39	28°41	29°53	20° 6	n.a.	W 8
T 9	4 1 12	1°13'48	22°48	2°17	18°27	3° 6	8°13	25° 0	4°15	9°47	7°38	28°42	29°50	20°13	n.a.	T 9
F 10	4 5 8	2°14'53	4♍39	4° 0	17°59	3°46	8°27	25° 3	4°18	9°46	7°37	28°R43	29°47	20°20	n.a.	F 10
S 11	4 9 5	3°15'58	16°37	5°42	17°33	4°26	8°40	25° 6	4°22	9°44	7°36	28°42	29°43	20°27	n.a.	S 11
S 12	4 13 1	4°17'02	28°45	7°26	17° 9	5° 6	8°53	25° 9	4°25	9°42	7°35	28°40	29°40	20°33	n.a.	S 12
M13	4 16 58	5°18'05	11♎ 8	9°10	16°48	5°46	9° 6	25°12	4°29	9°40	7°34	28°37	29°37	20°40	n.a.	M13
T 14	4 20 54	6°19'07	23°49	10°54	16°29	6°26	9°20	25°15	4°32	9°39	7°33	28°33	29°34	20°47	n.a.	T 14
W15	4 24 51	7°20'08	6♏51	12°39	16°12	7° 6	9°33	25°19	4°36	9°37	7°32	28°30	29°31	20°53	n.a.	W15
T 16	4 28 47	8°21'08	20°13	14°25	15°58	7°46	9°46	25°22	4°39	9°35	7°31	28°27	29°28	21° 0	n.a.	T 16
F 17	4 32 44	9°22'07	3♐55	16°11	15°46	8°26	9°59	25°26	4°43	9°34	7°30	28°24	29°24	21° 7	n.a.	F 17
S 18	4 36 41	10°23'04	17°54	17°57	15°37	9° 6	10°12	25°29	4°46	9°32	7°29	28°23	29°21	21°13	n.a.	S 18
S 19	4 40 37	11°24'00	2♑ 7	19°43	15°30	9°46	10°25	25°33	4°50	9°30	7°28	28°D23	29°18	21°20	n.a.	S 19
M20	4 44 34	12°24'55	16°28	21°30	15°26	10°26	10°37	25°37	4°53	9°29	7°27	28°24	29°15	21°27	n.a.	M20
T 21	4 48 30	13°25'48	0♒52	23°17	15°D24	11° 6	10°50	25°41	4°57	9°27	7°26	28°25	29°12	21°34	n.a.	T 21
W22	4 52 27	14°26'39	15°16	25° 3	15°25	11°47	11° 3	25°45	5° 0	9°25	7°25	28°26	29° 9	21°40	n.a.	W22
T 23	4 56 23	15°27'29	29°35	26°50	15°28	12°27	11°16	25°49	5° 4	9°24	7°24	28°27	29° 5	21°47	n.a.	T 23
F 24	5 0 20	16°28'16	13♓47	28°35	15°33	13° 7	11°28	25°54	5° 7	9°22	7°23	28°R27	29° 2	21°54	n.a.	F 24
S 25	5 4 17	17°29'02	27°50	0♑20	15°41	13°47	11°41	25°58	5°11	9°20	7°22	28°27	28°59	22° 0	n.a.	S 25
S 26	5 8 13	18°29'45	11♈41	2° 4	15°51	14°27	11°53	26° 3	5°14	9°19	7°21	28°26	28°56	22° 7	n.a.	S 26
M27	5 12 10	19°30'27	25°21	3°47	16° 3	15° 7	12° 6	26° 7	5°18	9°17	7°20	28°25	28°53	22°14	n.a.	M27
T 28	5 16 6	20°31'07	8♉49	5°27	16°17	15°47	12°18	26°12	5°21	9°15	7°20	28°24	28°49	22°20	n.a.	T 28
W29	5 20 3	21°31'45	22° 3	7° 6	16°33	16°27	12°30	26°16	5°25	9°14	7°19	28°23	28°46	22°27	n.a.	W29
T 30	5 23 59	22°32'22	5♊ 4	8°41	16°52	17° 7	12°42	26°21	5°28	9°12	7°18	28°22	28°43	22°34	n.a.	T 30
F 31	5 27 56	23♐32'56	17♊51	10♑13	17♏12	17♎47	12♏55	26♒26	5♐31	9♊10	7♉17	28♊22	28♊40	22♌40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	18s55	12n26	3s44	19s10	1s24	17s 3	1n55	2n 1	1n13	13s23	0n35	15s56	2s31	21s28	0s 8	21n43	0s41	9n 1	5s42	23n55	23n56	19n 1			n.a.
T 2	19 11	16 59	2 48	19 42	1 28	16 39	2 10	1 45	1 13	13 28	0 35	15 55	2 31	21 29	0 8	21 43	0 41	9 0	5 42	23 55	23 56	18 59			n.a.
F 3	19 26	20 36	1 43	20 12	1 33	16 16	2 24	1 29	1 13	13 33	0 35	15 54	2 31	21 30	0 8	21 43	0 41	9 0	5 42	23 55	23 56	18 57			n.a.
S 4	19 41	23 6	0 35	20 42	1 37	15 53	2 38	1 12	1 13	13 37	0 35	15 53	2 30	21 30	0 8	21 43	0 41	9 0	5 41	23 55	23 56	18 56			n.a.
S 5	19 55	24 24	0n33	21 10	1 41	15 30	2 52	0 56	1 12	13 42	0 35	15 52	2 30	21 31	0 8	21 42	0 41	8 59	5 41	23 55	23 56	18 54			n.a.
M 6	20 9	24 28	1 39	21 38	1 44	15 8	3 5	0 39	1 12	13 46	0 34	15 51	2 30	21 32	0 8	21 42	0 41	8 59	5 41	23 55	23 56	18 53			n.a.
T 7	20 23	23 22	2 39	22 4	1 47	14 47	3 18	0 23	1 12	13 51	0 34	15 50	2 30	21 32	0 8	21 42	0 41	8 59	5 41	23 55	23 56	18 51			n.a.
W 8	20 37	21 13	3 32	22 29	1 50	14 26	3 30	0 6	1 11	13 55	0 34	15 49	2 29	21 33	0 8	21 42	0 41	8 59	5 41	23 55	23 56	18 49			n.a.
T 9	20 49	18 12	4 15	22 53	1 53	14 7	3 42	0s10	1 11	14 0	0 34	15 47	2 29	21 34	0 8	21 41	0 41	8 58	5 41	23 55	23 56	18 48			n.a.
F 10	21 2	14 26	4 47	23 15	1 55	13 49	3 53	0 27	1 11	14 4	0 34	15 46	2 29	21 34	0 8	21 41	0 41	8 58	5 41	23 55	23 56	18 46			n.a.
S 11	21 14	10 5	5 7	23 37	1 57	13 31	4 4	0 43	1 11	14 9	0 34	15 45	2 29	21 35	0 8	21 41	0 41	8 58	5 41	23 55	23 56	18 44			n.a.
S 12	21 26	5 18	5 14	23 56	1 58	13 15	4 13	1 0	1 10	14 13	0 34	15 44	2 28	21 36	0 8	21 41	0 41	8 58	5 41	23 55	23 56	18 43			n.a.
M13	21 37	0 12	5 7	24 14	1 59	13 0	4 22	1 16	1 10	14 17	0 34	15 42	2 28	21 37	0 8	21 40	0 41	8 57	5 41	23 55	23 56	18 41			n.a.
T 14	21 48	5s 2	4 44	24 31	2 0	12 47	4 31	1 33	1 10	14 22	0 34	15 41	2 28	21 37	0 8	21 40	0 41	8 57	5 40	23 55	23 56	18 39			n.a.
W15	21 59	10 12	4 7	24 45	2 0	12 35	4 39	1 49	1 9	14 26	0 34	15 39	2 28	21 38	0 8	21 40	0 41	8 57	5 40	23 55	23 56	18 37			n.a.
T 16	22 9	15 2	3 15	24 58	1 59	12 24	4 46	2 5	1 9	14 30	0 34	15 38	2 27	21 39	0 8	21 40	0 41	8 57	5 40	23 55	23 56	18 36			n.a.
F 17	22 18	19 13	2 11	25 9	1 58	12 14	4 53	2 22	1 9	14 34	0 34	15 37	2 27	21 39	0 8	21 39	0 41	8 56	5 40	23 55	23 56	18 34			n.a.
S 18	22 28	22 25	0 58	25 19	1 57	12 5	4 59	2 38	1 8	14 39	0 34	15 35	2 27	21 40	0 8	21 39	0 41	8 56	5 40	23 55	23 56	18 32			n.a.
S 19	22 36	24 15	0s21	25 26	1 55	11 58	5 4	2 55	1 8	14 43	0 34	15 33	2 27	21 41	0 9	21 39	0 41	8 56	5 40	23 55	23 56	18 31			n.a.
M20	22 45	24 31	1 38	25 31	1 52	11 53	5 9	3 11	1 8	14 47	0 34	15 32	2 27	21 41	0 9	21 39	0 41	8 56	5 40	23 55	23 56	18 29			n.a.
T 21	22 53	23 8	2 50	25 34	1 49	11 48	5 13	3 27	1 7	14 51	0 34	15 30	2 26	21 42	0 9	21 38	0 41	8 56	5 40	23 55	23 56	18 27			n.a.
W22	23 0	20 15	3 51	25 35	1 45	11 45	5 17	3 44	1 7	14 55	0 33	15 29	2 26	21 42	0 9	21 38	0 41	8 55	5 39	23 55	23 56	18 25			n.a.
T 23	23 7	16 10	4 38	25 34	1 40	11 42	5 20	4 0	1 6	14 59	0 33	15 27	2 26	21 43	0 9	21 38	0 41	8 55	5 39	23 55	23 55	18 24			n.a.
F 24	23 13	11 12	5 6	25 30	1 35	11 41	5 23	4 16	1 6	15 3	0 33	15 25	2 26	21 44	0 9	21 38	0 41	8 55	5 39	23 55	23 55	18 22			n.a.
S 25	23 19	5 42	5 17	25 24	1 29	11 41	5 25	4 32	1 6	15 7	0 33	15 24	2 25	21 44	0 9	21 37	0 41	8 55	5 39	23 55	23 55	18 20			n.a.
S 26	23 25	0 0	5 8	25 16	1 22	11 43	5 27	4 49	1 5	15 11	0 33	15 22	2 25	21 45	0 9	21 37	0 41	8 55	5 39	23 55	23 55	18 19			n.a.
M27	23 30	5n38	4 43	25 6	1 14	11 45	5 28	5 5	1 5	15 15	0 33	15 20	2 25	21 46	0 9	21 37	0 41	8 55	5 39	23 55	23 55	18 17			n.a.
T 28	23 35	10 55	4 2	24 54	1 5	11 48	5 29	5 21	1 4	15 19	0 33	15 18	2 25	21 46	0 9	21 37	0 41	8 55	5 39	23 55	23 55	18 15			n.a.
W29	23 39	15 37	3 8	24 40	0 56	11 52	5 29	5 37	1 4	15 23	0 33	15 16	2 25	21 47	0 9	21 36	0 41	8 54	5 38	23 55	23 55	18 13			n.a.
T 30	23 43	19 31	2 6	24 24	0 45	11 57	5 30	5 53	1 3	15 27	0 33	15 15	2 24	21 48	0 9	21 36	0 41	8 54	5 38	23 55	23 55	18 11			n.a.
F 31	23s46	22n24	0s58	24s 6	0s34	12s 3	5n29	6s 9	1n 3	15s30	0n33	15s13	2s24	21s48	0s 9	21n36	0s41	8n54	5s38	23n55	23n55	18n10			n.a.

Julian Day Number = 977012.5, Delta T = 13h18m24s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'12, Lahiri = -32°03'11 Julian Calendar 1 Dec. 2039 BCE == Greg. Calendar 14 Nov. 2039 BCE

The year -2038 astronomical counting style corresponds to year 2039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

JANUARY 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 31 52	24♐33'29	0♋25	11♑42	17♏34	18♎28	13♏ 7	26♒31	5♐35	9°R 9	7°R16	28°D22	28♊37	22♌47	n.a.	S 1
S 2	5 35 49	25°34'00	12°46	13° 5	17°58	19° 8	13°19	26°36	5°38	9♊ 7	7♉16	28♊22	28°34	22°54	n.a.	S 2
M 3	5 39 46	26°34'29	24°57	14°24	18°24	19°48	13°31	26°41	5°41	9° 5	7°15	28°22	28°30	23° 1	n.a.	M 3
T 4	5 43 42	27°34'57	6♌57	15°36	18°51	20°28	13°42	26°46	5°45	9° 4	7°14	28°23	28°27	23° 7	n.a.	T 4
W 5	5 47 39	28°35'23	18°52	16°42	19°20	21° 8	13°54	26°52	5°48	9° 2	7°13	28°R23	28°24	23°14	n.a.	W 5
T 6	5 51 35	29°35'47	0♍43	17°41	19°51	21°48	14° 6	26°57	5°51	9° 1	7°13	28°22	28°21	23°21	n.a.	T 6
F 7	5 55 32	0♑36'10	12°35	18°32	20°23	22°28	14°18	27° 3	5°55	8°59	7°12	28°22	28°18	23°27	n.a.	F 7
S 8	5 59 28	1°36'31	24°32	19°14	20°57	23° 8	14°29	27° 8	5°58	8°58	7°11	28°22	28°15	23°34	n.a.	S 8
S 9	6 3 25	2°36'50	6♎38	19°48	21°32	23°48	14°41	27°14	6° 1	8°56	7°11	28°D22	28°11	23°41	n.a.	S 9
M10	6 7 21	3°37'07	18°58	20°12	22° 8	24°29	14°52	27°19	6° 4	8°55	7°10	28°22	28° 8	23°47	n.a.	M10
T 11	6 11 18	4°37'23	1♏37	20°26	22°45	25° 9	15° 3	27°25	6° 8	8°53	7°10	28°23	28° 5	23°54	n.a.	T 11
W12	6 15 15	5°37'37	14°38	20°R31	23°24	25°49	15°14	27°31	6°11	8°52	7° 9	28°23	28° 2	24° 1	n.a.	W12
T 13	6 19 11	6°37'50	28° 3	20°26	24° 4	26°29	15°26	27°37	6°14	8°50	7° 8	28°24	27°59	24° 8	n.a.	T 13
F 14	6 23 8	7°38'00	11♐53	20°11	24°45	27° 9	15°37	27°43	6°17	8°49	7° 8	28°25	27°55	24°14	n.a.	F 14
S 15	6 27 4	8°38'09	26° 7	19°47	25°27	27°49	15°48	27°49	6°20	8°47	7° 7	28°R25	27°52	24°21	n.a.	S 15
S 16	6 31 1	9°38'16	10♑40	19°14	26°11	28°29	15°58	27°55	6°23	8°46	7° 7	28°25	27°49	24°28	n.a.	S 16
M17	6 34 57	10°38'21	25°27	18°34	26°55	29° 9	16° 9	28° 1	6°26	8°44	7° 6	28°24	27°46	24°34	n.a.	M17
T 18	6 38 54	11°38'23	10♒20	17°48	27°40	29°49	16°20	28° 7	6°30	8°43	7° 6	28°23	27°43	24°41	n.a.	T 18
W19	6 42 50	12°38'24	25°11	16°56	28°26	0♏29	16°30	28°13	6°33	8°42	7° 6	28°21	27°40	24°48	n.a.	W19
T 20	6 46 47	13°38'22	9♓53	15°59	29°13	1° 9	16°41	28°20	6°36	8°40	7° 5	28°19	27°36	24°54	n.a.	T 20
F 21	6 50 44	14°38'17	24°20	15° 0	0♐ 1	1°49	16°51	28°26	6°38	8°39	7° 5	28°18	27°33	25° 1	n.a.	F 21
S 22	6 54 40	15°38'10	8♈29	14° 0	0°49	2°29	17° 1	28°32	6°41	8°38	7° 4	28°17	27°30	25° 8	n.a.	S 22
S 23	6 58 37	16°38'00	22°17	12°59	1°38	3° 9	17°12	28°39	6°44	8°37	7° 4	28°D17	27°27	25°15	n.a.	S 23
M24	7 2 33	17°37'48	5♉46	12° 0	2°29	3°49	17°22	28°45	6°47	8°35	7° 4	28°18	27°24	25°21	n.a.	M24
T 25	7 6 30	18°37'34	18°56	11° 4	3°19	4°29	17°31	28°52	6°50	8°34	7° 3	28°19	27°21	25°28	n.a.	T 25
W26	7 10 26	19°37'17	1♊50	10°11	4°11	5° 9	17°41	28°59	6°53	8°33	7° 3	28°21	27°17	25°35	n.a.	W26
T 27	7 14 23	20°36'58	14°29	9°23	5° 3	5°49	17°51	29° 5	6°56	8°32	7° 3	28°22	27°14	25°41	n.a.	T 27
F 28	7 18 19	21°36'37	26°57	8°40	5°56	6°29	18° 1	29°12	6°58	8°31	7° 3	28°R22	27°11	25°48	n.a.	F 28
S 29	7 22 16	22°36'13	9♋14	8° 2	6°49	7° 9	18°10	29°19	7° 1	8°29	7° 3	28°22	27° 8	25°55	n.a.	S 29
S 30	7 26 12	23°35'47	21°22	7°31	7°43	7°49	18°19	29°26	7° 4	8°28	7° 2	28°20	27° 5	26° 2	n.a.	S 30
M31	7 30 9	24♑35'19	3♌24	7♑ 5	8♐37	8♏29	18♏29	29♒33	7♐ 6	8♊27	7♉ 2	28♊17	27♊ 1	26♌ 8	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s49	24n 7	0n11	23s46	0s22	12s10	5n29	6s25	1n 2	15s34	0n33	15s11	2s24	21s49	0s 9	21n36	0s41	8n54	5s38	23n55	23n55	18n 8		n.a.	S 1
S 2	23 51	24 37	1 19	23 25	0 9	12 17	5 28	6 41	1 2	15 38	0 33	15 9	2 24	21 49	0 9	21 36	0 41	8 54	5 38	23 55	23 55	18 6		n.a.	S 2
M 3	23 53	23 54	2 22	23 4	0n 4	12 25	5 27	6 57	1 1	15 42	0 33	15 7	2 24	21 50	0 9	21 35	0 41	8 54	5 38	23 55	23 55	18 4		n.a.	M 3
T 4	23 54	22 6	3 18	22 41	0 19	12 34	5 25	7 13	1 1	15 45	0 33	15 5	2 23	21 51	0 9	21 35	0 41	8 54	5 38	23 55	23 55	18 3		n.a.	T 4
W 5	23 55	19 21	4 5	22 18	0 34	12 44	5 24	7 29	1 0	15 49	0 33	15 3	2 23	21 51	0 9	21 35	0 41	8 54	5 37	23 55	23 55	18 1		n.a.	W 5
T 6	23 56	15 48	4 41	21 55	0 49	12 54	5 22	7 45	1 0	15 53	0 33	15 1	2 23	21 52	0 9	21 35	0 41	8 54	5 37	23 55	23 55	17 59		n.a.	T 6
F 7	23 56	11 39	5 5	21 32	1 6	13 5	5 20	8 0	0 59	15 56	0 33	14 59	2 23	21 53	0 9	21 34	0 41	8 54	5 37	23 55	23 55	17 57		n.a.	F 7
S 8	23 55	7 2	5 17	21 10	1 22	13 16	5 17	8 16	0 59	16 0	0 33	14 56	2 23	21 53	0 9	21 34	0 41	8 53	5 37	23 55	23 55	17 55		n.a.	S 8
S 9	23 54	2 6	5 14	20 49	1 38	13 27	5 14	8 32	0 58	16 3	0 33	14 54	2 22	21 54	0 9	21 34	0 41	8 53	5 37	23 55	23 55	17 53		n.a.	S 9
M10	23 53	3s 0	4 57	20 29	1 55	13 40	5 12	8 47	0 57	16 7	0 33	14 52	2 22	21 54	0 9	21 34	0 41	8 53	5 37	23 55	23 55	17 52		n.a.	M10
T 11	23 51	8 8	4 26	20 10	2 11	13 52	5 9	9 3	0 57	16 10	0 32	14 50	2 22	21 55	0 9	21 34	0 41	8 53	5 36	23 55	23 55	17 50		n.a.	T 11
W12	23 48	13 4	3 40	19 54	2 27	14 5	5 5	9 18	0 56	16 13	0 32	14 48	2 22	21 55	0 9	21 33	0 41	8 53	5 36	23 55	23 55	17 48		n.a.	W12
T 13	23 45	17 31	2 41	19 39	2 43	14 18	5 2	9 33	0 56	16 17	0 32	14 46	2 22	21 56	0 9	21 33	0 41	8 53	5 36	23 55	23 55	17 46		n.a.	T 13
F 14	23 42	21 11	1 30	19 27	2 57	14 31	4 58	9 49	0 55	16 20	0 32	14 43	2 22	21 57	0 9	21 33	0 41	8 53	5 36	23 55	23 55	17 44		n.a.	F 14
S 15	23 38	23 39	0 13	19 18	3 11	14 45	4 55	10 4	0 54	16 23	0 32	14 41	2 21	21 57	0 9	21 33	0 41	8 53	5 36	23 55	23 55	17 42		n.a.	S 15
S 16	23 34	24 37	1s 7	19 10	3 23	14 59	4 51	10 19	0 54	16 26	0 32	14 39	2 21	21 58	0 9	21 33	0 41	8 53	5 36	23 55	23 55	17 41		n.a.	S 16
M17	23 29	23 51	2 24	19 5	3 33	15 13	4 47	10 34	0 53	16 30	0 32	14 36	2 21	21 58	0 9	21 32	0 41	8 53	5 35	23 55	23 55	17 39		n.a.	M17
T 18	23 24	21 24	3 32	19 3	3 42	15 27	4 43	10 49	0 52	16 33	0 32	14 34	2 21	21 59	0 9	21 32	0 41	8 53	5 35	23 55	23 54	17 37		n.a.	T 18
W19	23 19	17 32	4 25	19 3	3 49	15 42	4 38	11 4	0 52	16 36	0 32	14 32	2 21	21 59	0 9	21 32	0 41	8 53	5 35	23 55	23 54	17 35		n.a.	W19
T 20	23 13	12 38	5 0	19 5	3 54	15 56	4 34	11 19	0 51	16 39	0 32	14 29	2 21	22 0	0 9	21 32	0 41	8 53	5 35	23 55	23 54	17 33		n.a.	T 20
F 21	23 6	7 6	5 15	19 9	3 56	16 11	4 30	11 34	0 50	16 42	0 32	14 27	2 20	22 0	0 9	21 32	0 41	8 53	5 35	23 55	23 54	17 31		n.a.	F 21
S 22	22 59	1 19	5 11	19 15	3 57	16 25	4 25	11 49	0 49	16 45	0 32	14 24	2 20	22 1	0 9	21 31	0 41	8 53	5 35	23 55	23 54	17 29		n.a.	S 22
S 23	22 52	4n24	4 49	19 22	3 56	16 40	4 20	12 3	0 49	16 48	0 32	14 22	2 20	22 1	0 9	21 31	0 41	8 53	5 34	23 55	23 54	17 27		n.a.	S 23
M24	22 44	9 46	4 11	19 31	3 52	16 54	4 16	12 18	0 48	16 51	0 32	14 20	2 20	22 2	0 9	21 31	0 41	8 54	5 34	23 55	23 54	17 26		n.a.	M24
T 25	22 36	14 36	3 21	19 41	3 47	17 9	4 11	12 32	0 47	16 54	0 32	14 17	2 20	22 2	0 9	21 31	0 41	8 54	5 34	23 55	23 54	17 24		n.a.	T 25
W26	22 28	18 39	2 21	19 52	3 40	17 23	4 6	12 47	0 46	16 57	0 32	14 15	2 20	22 3	0 9	21 31	0 40	8 54	5 34	23 55	23 54	17 22		n.a.	W26
T 27	22 19	21 45	1 16	20 4	3 31	17 37	4 1	13 1	0 46	16 59	0 32	14 12	2 20	22 3	0 9	21 31	0 40	8 54	5 34	23 55	23 54	17 20		n.a.	T 27
F 28	22 9	23 46	0 8	20 17	3 22	17 52	3 56	13 15	0 45	17 2	0 32	14 9	2 20	22 4	0 9	21 30	0 40	8 54	5 33	23 55	23 54	17 18		n.a.	F 28
S 29	21 59	24 35	0n59	20 30	3 11	18 6	3 51	13 29	0 44	17 5	0 32	14 7	2 19	22 4	0 9	21 30	0 40	8 54	5 33	23 55	23 54	17 16		n.a.	S 29
S 30	21 49	24 13	2 3	20 44	2 59	18 20	3 46	13 43	0 43	17 8	0 32	14 4	2 19	22 5	0 9	21 30	0 40	8 54	5 33	23 55	23 54	17 14		n.a.	S 30
M31	21s38	22n43	3n 1	20s58	2n47	18s33	3n41	13s57	0n42	17s10	0n32	14s 2	2s19	22s 5	0s 9	21n30	0s40	8n54	5s33	23n55	23n54	17n12		n.a.	M31

Julian Day Number = 977043.5, Delta T = 13h18m22s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'07, Lahiri = -32°03'07 Julian Calendar 1 Jan. 2038 BCE == Greg. Calendar 15 Dec. 2039 BCE

The year -2037 astronomical counting style corresponds to year 2038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

FEBRUARY 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 34 6	25♉34'48	15♌20	6°R47	9♐32	9♏ 9	18♏38	29♒40	7♐ 9	8°R26	7°R 2	28°R13	26♊58	26♌15	n.a.	T 1
W 2	7 38 2	26°34'16	27°13	6♉34	10°28	9°48	18°47	29°47	7°12	8♊25	7♉ 2	28♊ 8	26°55	26°22	n.a.	W 2
T 3	7 41 59	27°33'41	9♍ 4	6°27	11°24	10°28	18°56	29°54	7°14	8°24	7° 2	28° 3	26°52	26°28	n.a.	T 3
F 4	7 45 55	28°33'04	20°57	6°D27	12°21	11° 8	19° 4	0♓ 1	7°17	8°23	7° 2	27°58	26°49	26°35	n.a.	F 4
S 5	7 49 52	29°32'25	2♎54	6°32	13°18	11°48	19°13	0° 8	7°19	8°22	7° 2	27°54	26°46	26°42	n.a.	S 5
S 6	7 53 48	0♒31'45	14°59	6°43	14°15	12°28	19°21	0°15	7°22	8°21	7°D 2	27°51	26°42	26°48	n.a.	S 6
M 7	7 57 45	1°31'02	27°16	7° 0	15°13	13° 7	19°30	0°22	7°24	8°20	7° 2	27°D50	26°39	26°55	n.a.	M 7
T 8	8 1 41	2°30'17	9♏50	7°21	16°12	13°47	19°38	0°29	7°26	8°20	7° 2	27°50	26°36	27° 2	n.a.	T 8
W 9	8 5 38	3°29'30	22°45	7°47	17°10	14°27	19°46	0°37	7°29	8°19	7° 2	27°51	26°33	27° 9	n.a.	W 9
T 10	8 9 34	4°28'42	6♐ 4	8°18	18°10	15° 7	19°54	0°44	7°31	8°18	7° 2	27°53	26°30	27°15	n.a.	T 10
F 11	8 13 31	5°27'52	19°51	8°52	19° 9	15°46	20° 2	0°51	7°33	8°17	7° 2	27°54	26°27	27°22	n.a.	F 11
S 12	8 17 28	6°26'59	4♑ 5	9°31	20° 9	16°26	20°10	0°59	7°36	8°17	7° 2	27°R54	26°23	27°29	n.a.	S 12
S 13	8 21 24	7°26'05	18°44	10°14	21° 9	17° 6	20°17	1° 6	7°38	8°16	7° 2	27°52	26°20	27°35	n.a.	S 13
M14	8 25 21	8°25'08	3♒44	11° 1	22°10	17°45	20°25	1°14	7°40	8°15	7° 2	27°49	26°17	27°42	n.a.	M14
T 15	8 29 17	9°24'09	18°55	11°50	23°11	18°25	20°32	1°21	7°42	8°14	7° 3	27°44	26°14	27°49	n.a.	T 15
W16	8 33 14	10°23'08	4♓ 7	12°43	24°12	19° 4	20°39	1°29	7°44	8°14	7° 3	27°37	26°11	27°56	n.a.	W16
T 17	8 37 10	11°22'05	19°11	13°39	25°13	19°44	20°46	1°36	7°46	8°13	7° 3	27°31	26° 7	28° 2	n.a.	T 17
F 18	8 41 7	12°20'59	3♈57	14°38	26°15	20°23	20°53	1°44	7°48	8°13	7° 3	27°25	26° 4	28° 9	n.a.	F 18
S 19	8 45 3	13°19'50	18°20	15°40	27°17	21° 3	21° 0	1°51	7°50	8°12	7° 4	27°21	26° 1	28°16	n.a.	S 19
S 20	8 49 0	14°18'40	2♉16	16°44	28°19	21°42	21° 6	1°59	7°52	8°12	7° 4	27°18	25°58	28°22	n.a.	S 20
M21	8 52 56	15°17'26	15°45	17°51	29°22	22°21	21°12	2° 7	7°54	8°11	7° 4	27°D17	25°55	28°29	n.a.	M21
T 22	8 56 53	16°16'11	28°51	19° 0	0♑25	23° 1	21°19	2°14	7°56	8°11	7° 5	27°18	25°52	28°36	n.a.	T 22
W23	9 0 50	17°14'53	11♊35	20°11	1°28	23°40	21°25	2°22	7°57	8°10	7° 5	27°19	25°48	28°42	n.a.	W23
T 24	9 4 46	18°13'32	24° 2	21°25	2°31	24°19	21°31	2°30	7°59	8°10	7° 5	27°R20	25°45	28°49	n.a.	T 24
F 25	9 8 43	19°12'10	6♋16	22°40	3°35	24°58	21°36	2°37	8° 1	8°10	7° 6	27°20	25°42	28°56	n.a.	F 25
S 26	9 12 39	20°10'44	18°21	23°58	4°38	25°37	21°42	2°45	8° 2	8° 9	7° 6	27°17	25°39	29° 3	n.a.	S 26
S 27	9 16 36	21° 9'17	0♌19	25°18	5°42	26°16	21°47	2°53	8° 4	8° 9	7° 7	27°13	25°36	29° 9	n.a.	S 27
M28	9 20 32	22♒ 7'48	12♌14	26♑39	6♑47	26♏55	21♏53	3♓ 1	8♐ 5	8♊ 9	7♉ 7	27♊ 6	25♊32	29♌16	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s27	20n13	3n50	21s12	2n34	18s47	3n36	14s11	0n41	17s13	0n32	13s59	2s19	22s 6	0s 9	21n30	0s40	8n54	5s33	23n55	23n54	17n10		n.a.
W 2	21 16	16 52	4 28	21 26	2 20	19 0	3 30	14 25	0 40	17 15	0 32	13 56	2 19	22 6	0 9	21 30	0 40	8 54	5 33	23 55	23 53	17 8		n.a.
T 3	21 4	12 52	4 55	21 40	2 7	19 13	3 25	14 38	0 40	17 18	0 32	13 54	2 19	22 7	0 9	21 30	0 40	8 55	5 32	23 55	23 53	17 6		n.a.
F 4	20 52	8 23	5 10	21 53	1 53	19 26	3 20	14 52	0 39	17 20	0 32	13 51	2 19	22 7	0 9	21 29	0 40	8 55	5 32	23 55	23 53	17 4		n.a.
S 5	20 40	3 34	5 11	22 7	1 39	19 39	3 14	15 5	0 38	17 23	0 32	13 49	2 19	22 8	0 9	21 29	0 40	8 55	5 32	23 55	23 53	17 2		n.a.
S 6	20 27	1s27	4 58	22 20	1 26	19 51	3 9	15 19	0 37	17 25	0 32	13 46	2 19	22 8	0 9	21 29	0 40	8 55	5 32	23 55	23 53	17 0		n.a.
M 7	20 14	6 29	4 32	22 32	1 12	20 3	3 4	15 32	0 36	17 28	0 31	13 43	2 18	22 8	0 9	21 29	0 40	8 55	5 32	23 55	23 53	16 59		n.a.
T 8	20 0	11 23	3 52	22 44	0 59	20 15	2 58	15 45	0 35	17 30	0 31	13 40	2 18	22 9	0 9	21 29	0 40	8 55	5 31	23 55	23 53	16 57		n.a.
W 9	19 46	15 56	3 0	22 56	0 46	20 26	2 53	15 58	0 34	17 32	0 31	13 38	2 18	22 9	0 9	21 29	0 40	8 56	5 31	23 55	23 53	16 55		n.a.
T 10	19 32	19 51	1 56	23 7	0 33	20 37	2 47	16 11	0 33	17 34	0 31	13 35	2 18	22 10	0 9	21 29	0 40	8 56	5 31	23 55	23 53	16 53		n.a.
F 11	19 17	22 48	0 44	23 17	0 21	20 47	2 42	16 23	0 32	17 36	0 31	13 32	2 18	22 10	0 9	21 29	0 40	8 56	5 31	23 55	23 53	16 51		n.a.
S 12	19 2	24 25	0s34	23 26	0 9	20 57	2 36	16 36	0 31	17 39	0 31	13 29	2 18	22 10	0 9	21 29	0 40	8 56	5 31	23 55	23 53	16 49		n.a.
S 13	18 47	24 25	1 51	23 34	0s 3	21 7	2 31	16 49	0 30	17 41	0 31	13 27	2 18	22 11	0 9	21 29	0 40	8 56	5 31	23 55	23 53	16 47		n.a.
M14	18 32	22 40	3 2	23 41	0 14	21 16	2 26	17 1	0 29	17 43	0 31	13 24	2 18	22 11	0 9	21 28	0 40	8 57	5 30	23 55	23 52	16 45		n.a.
T 15	18 16	19 16	4 1	23 48	0 25	21 25	2 20	17 13	0 27	17 45	0 31	13 21	2 18	22 12	0 9	21 28	0 40	8 57	5 30	23 55	23 52	16 43		n.a.
W16	18 0	14 35	4 43	23 53	0 35	21 33	2 15	17 25	0 26	17 47	0 31	13 18	2 18	22 12	0 9	21 28	0 40	8 57	5 30	23 54	23 52	16 41		n.a.
T 17	17 43	9 2	5 6	23 57	0 45	21 41	2 9	17 37	0 25	17 49	0 31	13 15	2 18	22 12	0 9	21 28	0 40	8 57	5 30	23 54	23 52	16 39		n.a.
F 18	17 27	3 4	5 7	24 0	0 54	21 49	2 4	17 49	0 24	17 51	0 31	13 13	2 18	22 13	0 9	21 28	0 40	8 58	5 30	23 54	23 52	16 37		n.a.
S 19	17 10	2n54	4 48	24 2	1 3	21 56	1 58	18 1	0 23	17 52	0 31	13 10	2 18	22 13	0 9	21 28	0 40	8 58	5 29	23 54	23 52	16 35		n.a.
S 20	16 52	8 33	4 13	24 2	1 12	22 2	1 53	18 13	0 22	17 54	0 31	13 7	2 18	22 13	0 9	21 28	0 40	8 58	5 29	23 54	23 52	16 33		n.a.
M21	16 35	13 37	3 25	24 2	1 20	22 8	1 48	18 24	0 20	17 56	0 31	13 4	2 17	22 14	0 9	21 28	0 40	8 58	5 29	23 54	23 52	16 31		n.a.
T 22	16 17	17 55	2 28	23 59	1 27	22 13	1 43	18 36	0 19	17 58	0 31	13 1	2 17	22 14	0 9	21 28	0 40	8 59	5 29	23 54	23 52	16 29		n.a.
W23	15 59	21 15	1 24	23 56	1 34	22 18	1 37	18 47	0 18	17 59	0 31	12 58	2 17	22 14	0 9	21 28	0 40	8 59	5 29	23 54	23 52	16 26		n.a.
T 24	15 41	23 30	0 18	23 51	1 41	22 22	1 32	18 58	0 17	18 1	0 31	12 56	2 17	22 14	0 9	21 28	0 40	8 59	5 29	23 54	23 52	16 24		n.a.
F 25	15 22	24 34	0n48	23 44	1 47	22 26	1 27	19 9	0 15	18 2	0 31	12 53	2 17	22 15	0 9	21 28	0 40	9 0	5 28	23 54	23 51	16 22		n.a.
S 26	15 3	24 28	1 51	23 36	1 52	22 29	1 22	19 20	0 14	18 4	0 31	12 50	2 17	22 15	0 9	21 28	0 40	9 0	5 28	23 54	23 51	16 20		n.a.
S 27	14 44	23 13	2 47	23 26	1 58	22 32	1 16	19 30	0 13	18 5	0 31	12 47	2 17	22 15	0 9	21 28	0 39	9 0	5 28	23 54	23 51	16 18		n.a.
M28	14s25	20n56	3n37	23s15	2s 2	22s34	1n11	19s41	0n12	18s 7	0n31	12s44	2s17	22s16	0s 9	21n28	0s39	9n 1	5s28	23n54	23n51	16n16		n.a.

Julian Day Number = 977074.5, Delta T = 13h18m20s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°10'03, Lahiri = -32°03'03 Julian Calendar 1 Feb. 2038 BCE == Greg. Calendar 15 Jan. 2038 BCE

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

MARCH 2038 BCE (-2037) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 24 29	23♒ 6'16	24♌ 6	28♉ 3	7♉51	27♏34	21♏58	3♓ 8	8♐ 7	8°R 9	7♉ 8	26°R56	25♊29	29♌23	n.a.	T 1
W 2	9 28 25	24° 4'42	5♍58	29°28	8°56	28°13	22° 3	3°16	8° 8	8♊ 9	7° 8	26♊46	25°26	29°29	n.a.	W 2
T 3	9 32 22	25° 3'06	17°51	0♒56	10° 0	28°52	22° 8	3°24	8°10	8° 8	7° 9	26°34	25°23	29°36	n.a.	T 3
F 4	9 36 18	26° 1'28	29°46	2°25	11° 5	29°31	22°12	3°32	8°11	8° 8	7° 9	26°24	25°20	29°43	n.a.	F 4
S 5	9 40 15	26°59'49	11♎47	3°56	12°10	0♐10	22°17	3°40	8°12	8° 8	7°10	26°14	25°17	29°50	n.a.	S 5
S 6	9 44 12	27°58'07	23°55	5°28	13°16	0°49	22°21	3°47	8°14	8° 8	7°11	26° 7	25°13	29°56	n.a.	S 6
M 7	9 48 8	28°56'24	6♏13	7° 3	14°21	1°27	22°25	3°55	8°15	8°D 8	7°11	26° 2	25°10	0♍ 3	n.a.	M 7
T 8	9 52 5	29°54'39	18°45	8°39	15°27	2° 6	22°29	4° 3	8°16	8° 8	7°12	26° 0	25° 7	0°10	n.a.	T 8
W 9	9 56 1	0♓52'52	1♐36	10°17	16°33	2°45	22°33	4°11	8°17	8° 8	7°13	25°D59	25° 4	0°16	n.a.	W 9
T 10	9 59 58	1°51'04	14°48	11°56	17°39	3°23	22°36	4°19	8°18	8° 8	7°13	25°59	25° 1	0°23	n.a.	T 10
F 11	10 3 54	2°49'14	28°26	13°38	18°45	4° 2	22°40	4°27	8°19	8° 8	7°14	26°R 0	24°58	0°30	n.a.	F 11
S 12	10 7 51	3°47'23	12♉31	15°21	19°51	4°40	22°43	4°34	8°20	8° 9	7°15	25°59	24°54	0°37	n.a.	S 12
S 13	10 11 47	4°45'30	27° 3	17° 6	20°58	5°18	22°46	4°42	8°21	8° 9	7°15	25°55	24°51	0°43	n.a.	S 13
M14	10 15 44	5°43'35	11♒59	18°52	22° 4	5°57	22°49	4°50	8°22	8° 9	7°16	25°50	24°48	0°50	n.a.	M14
T 15	10 19 41	6°41'39	27°11	20°40	23°11	6°35	22°52	4°58	8°23	8° 9	7°17	25°42	24°45	0°57	n.a.	T 15
W16	10 23 37	7°39'40	12♓30	22°30	24°18	7°13	22°54	5° 6	8°24	8°10	7°18	25°32	24°42	1° 3	n.a.	W16
T 17	10 27 34	8°37'40	27°44	24°22	25°25	7°51	22°56	5°14	8°24	8°10	7°19	25°21	24°38	1°10	n.a.	T 17
F 18	10 31 30	9°35'38	12♈42	26°16	26°32	8°29	22°59	5°22	8°25	8°10	7°20	25°12	24°35	1°17	n.a.	F 18
S 19	10 35 27	10°33'34	27°17	28°11	27°39	9° 7	23° 0	5°29	8°26	8°11	7°20	25° 4	24°32	1°24	n.a.	S 19
S 20	10 39 23	11°31'28	11♉23	0♓ 8	28°46	9°44	23° 2	5°37	8°26	8°11	7°21	24°59	24°29	1°30	n.a.	S 20
M21	10 43 20	12°29'20	24°59	2° 7	29°54	10°22	23° 4	5°45	8°27	8°12	7°22	24°56	24°26	1°37	n.a.	M21
T 22	10 47 16	13°27'11	8♊ 7	4° 7	1♒ 1	10°59	23° 5	5°53	8°27	8°12	7°23	24°55	24°23	1°44	n.a.	T 22
W23	10 51 13	14°24'59	20°51	6° 9	2° 9	11°37	23° 6	6° 1	8°28	8°13	7°24	24°55	24°19	1°50	n.a.	W23
T 24	10 55 9	15°22'45	3♋15	8°12	3°16	12°14	23° 7	6° 9	8°28	8°13	7°25	24°54	24°16	1°57	n.a.	T 24
F 25	10 59 6	16°20'30	15°24	10°17	4°24	12°52	23° 8	6°16	8°28	8°14	7°26	24°53	24°13	2° 4	n.a.	F 25
S 26	11 3 3	17°18'12	27°23	12°24	5°32	13°29	23° 9	6°24	8°29	8°14	7°27	24°50	24°10	2°11	n.a.	S 26
S 27	11 6 59	18°15'53	9♌17	14°31	6°40	14° 6	23° 9	6°32	8°29	8°15	7°28	24°43	24° 7	2°17	n.a.	S 27
M28	11 10 56	19°13'32	21° 8	16°40	7°48	14°43	23°10	6°40	8°29	8°16	7°29	24°34	24° 4	2°24	n.a.	M28
T 29	11 14 52	20°11'10	2♍59	18°49	8°57	15°20	23°R10	6°47	8°29	8°16	7°30	24°23	24° 0	2°31	n.a.	T 29
W30	11 18 49	21° 8'46	14°52	20°59	10° 5	15°56	23°10	6°55	8°29	8°17	7°31	24° 9	23°57	2°37	n.a.	W30
T 31	11 22 45	22♓ 6'20	26♍49	23♓10	11♒13	16♐33	23♏ 9	7♓ 3	8°R29	8♊18	7♉32	23♊56	23♊54	2♍44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14s 6	17n46	4n16	23s 2	2s 6	22s35	1n 6	19s51	0n10	18s 8	0n31	12s41	2s17	22s16	0s 9	21n28	0s39	9n 1	5s28	23n54	23n51	16n14			n.a.
W 2	13 46	13 54	4 44	22 47	2 10	22 36	1 1	20 2	0 9	18 9	0 31	12 38	2 17	22 16	0 9	21 28	0 39	9 1	5 28	23 53	23 51	16 12			n.a.
T 3	13 26	9 29	5 0	22 31	2 13	22 36	0 56	20 12	0 7	18 11	0 31	12 35	2 17	22 16	0 10	21 28	0 39	9 2	5 27	23 53	23 51	16 10			n.a.
F 4	13 6	4 43	5 3	22 13	2 16	22 36	0 51	20 22	0 6	18 12	0 31	12 32	2 17	22 17	0 10	21 28	0 39	9 2	5 27	23 53	23 51	16 8			n.a.
S 5	12 46	0s16	4 53	21 53	2 18	22 35	0 47	20 32	0 4	18 13	0 31	12 29	2 17	22 17	0 10	21 28	0 39	9 2	5 27	23 52	23 51	16 6			n.a.
S 6	12 25	5 18	4 29	21 32	2 19	22 34	0 42	20 41	0 3	18 14	0 31	12 27	2 17	22 17	0 10	21 28	0 39	9 3	5 27	23 52	23 50	16 4			n.a.
M 7	12 5	10 13	3 53	21 9	2 20	22 32	0 37	20 51	0 2	18 15	0 31	12 24	2 17	22 17	0 10	21 28	0 39	9 3	5 27	23 52	23 50	16 2			n.a.
T 8	11 44	14 48	3 5	20 44	2 21	22 29	0 32	21 0	0 0	18 17	0 30	12 21	2 17	22 17	0 10	21 28	0 39	9 3	5 27	23 52	23 50	16 0			n.a.
W 9	11 23	18 51	2 6	20 17	2 21	22 25	0 28	21 10	0s 2	18 18	0 30	12 18	2 17	22 18	0 10	21 28	0 39	9 4	5 26	23 52	23 50	15 57			n.a.
T 10	11 2	22 4	0 59	19 48	2 20	22 22	0 23	21 19	0 3	18 19	0 30	12 15	2 17	22 18	0 10	21 28	0 39	9 4	5 26	23 52	23 50	15 55			n.a.
F 11	10 41	24 8	0s13	19 17	2 19	22 17	0 18	21 28	0 5	18 19	0 30	12 12	2 17	22 18	0 10	21 28	0 39	9 5	5 26	23 52	23 50	15 53			n.a.
S 12	10 19	24 46	1 27	18 45	2 17	22 12	0 14	21 36	0 6	18 20	0 30	12 9	2 17	22 18	0 10	21 28	0 39	9 5	5 26	23 52	23 50	15 51			n.a.
S 13	9 58	23 44	2 37	18 10	2 15	22 6	0 9	21 45	0 8	18 21	0 30	12 6	2 17	22 18	0 10	21 28	0 39	9 5	5 26	23 52	23 50	15 49			n.a.
M14	9 36	21 2	3 38	17 34	2 12	22 0	0 5	21 54	0 10	18 22	0 30	12 3	2 17	22 19	0 10	21 28	0 39	9 6	5 26	23 52	23 49	15 47			n.a.
T 15	9 14	16 50	4 26	16 56	2 9	21 53	0 1	22 2	0 11	18 23	0 30	12 0	2 17	22 19	0 10	21 29	0 39	9 6	5 25	23 51	23 49	15 45			n.a.
W16	8 52	11 31	4 54	16 15	2 5	21 45	0s 3	22 10	0 13	18 23	0 30	11 57	2 17	22 19	0 10	21 29	0 39	9 7	5 25	23 51	23 49	15 43			n.a.
T 17	8 30	5 31	5 1	15 33	2 1	21 37	0 8	22 18	0 15	18 24	0 30	11 54	2 17	22 19	0 10	21 29	0 39	9 7	5 25	23 51	23 49	15 40			n.a.
F 18	8 8	0n43	4 48	14 49	1 56	21 28	0 12	22 26	0 16	18 25	0 30	11 51	2 17	22 19	0 10	21 29	0 39	9 7	5 25	23 50	23 49	15 38			n.a.
S 19	7 45	6 45	4 16	14 4	1 50	21 19	0 16	22 34	0 18	18 25	0 30	11 48	2 17	22 19	0 10	21 29	0 39	9 8	5 25	23 50	23 49	15 36			n.a.
S 20	7 23	12 15	3 29	13 16	1 44	21 9	0 20	22 42	0 20	18 26	0 30	11 46	2 17	22 19	0 10	21 29	0 39	9 8	5 25	23 50	23 49	15 34			n.a.
M21	7 1	16 57	2 31	12 27	1 37	20 58	0 23	22 49	0 22	18 26	0 30	11 43	2 17	22 19	0 10	21 29	0 39	9 9	5 24	23 50	23 49	15 32			n.a.
T 22	6 38	20 40	1 28	11 36	1 30	20 47	0 27	22 56	0 24	18 26	0 30	11 40	2 17	22 20	0 10	21 29	0 39	9 9	5 24	23 50	23 48	15 30			n.a.
W23	6 15	23 15	0 22	10 43	1 23	20 35	0 31	23 3	0 25	18 27	0 30	11 37	2 18	22 20	0 10	21 29	0 39	9 10	5 24	23 50	23 48	15 28			n.a.
T 24	5 53	24 37	0n44	9 48	1 14	20 23	0 35	23 10	0 27	18 27	0 30	11 34	2 18	22 20	0 10	21 29	0 39	9 10	5 24	23 50	23 48	15 25			n.a.
F 25	5 30	24 47	1 46	8 53	1 6	20 10	0 38	23 17	0 29	18 27	0 30	11 31	2 18	22 20	0 10	21 30	0 39	9 11	5 24	23 50	23 48	15 23			n.a.
S 26	5 7	23 46	2 43	7 55	0 57	19 57	0 42	23 24	0 31	18 28	0 30	11 28	2 18	22 20	0 10	21 30	0 39	9 11	5 24	23 49	23 48	15 21			n.a.
S 27	4 44	21 41	3 31	6 57	0 47	19 43	0 45	23 30	0 33	18 28	0 30	11 25	2 18	22 20	0 10	21 30	0 39	9 12	5 24	23 49	23 48	15 19			n.a.
M28	4 21	18 42	4 11	5 57	0 38	19 28	0 48	23 37	0 35	18 28	0 30	11 22	2 18	22 20	0 10	21 30	0 38	9 12	5 23	23 49	23 48	15 17			n.a.
T 29	3 58	14 57	4 39	4 56	0 28	19 13	0 51	23 43	0 37	18 28	0 30	11 19	2 18	22 20	0 10	21 30	0 38	9 12	5 23	23 48	23 47	15 14			n.a.
W30	3 35	10 36	4 56	3 55	0 17	18 57	0 55	23 49	0 39	18 28	0 30	11 17	2 18	22 20	0 10	21 30	0 38	9 13	5 23	23 48	23 47	15 12			n.a.
T 31	3s12	5n51	4n59	2s52	0s 7	18s41	0s58	23s55	0s41	18s28	0n29	11s14	2s18	22s20	0s10	21n30	0s38	9n13	5s23	23n47	23n47	15n10			n.a.

Julian Day Number = 977102.5, Delta T = 13h18m18s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'59, Lahiri = -32°02'59 Julian Calendar 1 March 2038 BCE == Greg. Calendar 12 Feb. 2038 BCE

The year -2037 astronomical counting style corresponds to year 2038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

APRIL 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 26 42	23♓ 3'53	8♎51	25♓20	12♒22	17♐ 9	23°R 9	7♓10	8°R29	8♊19	7♉33	23°R42	23♊51	2♍51	n.a.	F 1
S 2	11 30 38	24° 1'24	21° 0	27°31	13°30	17°46	23♏ 8	7°18	8♐29	8°19	7°34	23♊30	23°48	2°58	n.a.	S 2
S 3	11 34 35	24°58'55	3♏16	29°41	14°39	18°22	23° 7	7°26	8°29	8°20	7°36	23°21	23°44	3° 4	n.a.	S 3
M 4	11 38 31	25°56'24	15°42	1♈51	15°48	18°58	23° 6	7°33	8°29	8°21	7°37	23°14	23°41	3°11	n.a.	M 4
T 5	11 42 28	26°53'52	28°20	4° 0	16°57	19°34	23° 5	7°41	8°29	8°22	7°38	23°10	23°38	3°18	n.a.	T 5
W 6	11 46 25	27°51'19	11♐13	6° 7	18° 6	20°10	23° 4	7°48	8°28	8°23	7°39	23° 8	23°35	3°24	n.a.	W 6
T 7	11 50 21	28°48'46	24°24	8°13	19°15	20°46	23° 2	7°56	8°28	8°24	7°40	23° 8	23°32	3°31	n.a.	T 7
F 8	11 54 18	29°46'11	7♑56	10°18	20°24	21°21	23° 0	8° 4	8°28	8°25	7°41	23° 8	23°29	3°38	n.a.	F 8
S 9	11 58 14	0♈43'35	21°52	12°20	21°33	21°57	22°58	8°11	8°27	8°26	7°43	23° 7	23°25	3°45	n.a.	S 9
S 10	12 2 11	1°40'59	6♒11	14°21	22°42	22°32	22°56	8°18	8°27	8°27	7°44	23° 4	23°22	3°51	n.a.	S 10
M11	12 6 7	2°38'21	20°53	16°19	23°52	23° 7	22°54	8°26	8°26	8°28	7°45	22°58	23°19	3°58	n.a.	M11
T 12	12 10 4	3°35'43	5♓52	18°15	25° 1	23°42	22°51	8°33	8°26	8°29	7°46	22°50	23°16	4° 5	n.a.	T 12
W13	12 14 0	4°33'04	21° 0	20° 8	26°10	24°17	22°49	8°41	8°25	8°31	7°47	22°40	23°13	4°11	n.a.	W13
T 14	12 17 57	5°30'23	6♈ 7	21°59	27°20	24°51	22°46	8°48	8°25	8°32	7°49	22°29	23° 9	4°18	n.a.	T 14
F 15	12 21 54	6°27'42	21° 2	23°47	28°30	25°26	22°43	8°55	8°24	8°33	7°50	22°19	23° 6	4°25	n.a.	F 15
S 16	12 25 50	7°24'59	5♉38	25°33	29°39	26° 0	22°39	9° 3	8°23	8°34	7°51	22°11	23° 3	4°32	n.a.	S 16
S 17	12 29 47	8°22'16	19°47	27°15	0♓49	26°34	22°36	9°10	8°22	8°36	7°53	22° 5	23° 0	4°38	n.a.	S 17
M18	12 33 43	9°19'31	3♊28	28°55	1°59	27° 8	22°32	9°17	8°22	8°37	7°54	22° 2	22°57	4°45	n.a.	M18
T 19	12 37 40	10°16'46	16°41	0♉32	3° 9	27°41	22°29	9°24	8°21	8°38	7°55	22°D 0	22°54	4°52	n.a.	T 19
W20	12 41 36	11°13'59	29°29	2° 7	4°19	28°15	22°25	9°31	8°20	8°40	7°57	22° 0	22°50	4°58	n.a.	W20
T 21	12 45 33	12°11'11	11♋55	3°38	5°29	28°48	22°21	9°38	8°19	8°41	7°58	22°R 1	22°47	5° 5	n.a.	T 21
F 22	12 49 30	13° 8'22	24° 5	5° 7	6°39	29°21	22°16	9°45	8°18	8°42	7°59	22° 0	22°44	5°12	n.a.	F 22
S 23	12 53 26	14° 5'32	6♌ 4	6°32	7°49	29°54	22°12	9°52	8°17	8°44	8° 1	21°58	22°41	5°19	n.a.	S 23
S 24	12 57 23	15° 2'41	17°57	7°55	8°59	0♑26	22° 7	9°59	8°16	8°45	8° 2	21°53	22°38	5°25	n.a.	S 24
M25	13 1 19	15°59'49	29°48	9°14	10° 9	0°59	22° 3	10° 6	8°15	8°47	8° 3	21°46	22°35	5°32	n.a.	M25
T 26	13 5 16	16°56'56	11♍40	10°31	11°19	1°31	21°58	10°13	8°13	8°48	8° 5	21°37	22°31	5°39	n.a.	T 26
W27	13 9 12	17°54'03	23°37	11°44	12°30	2° 2	21°53	10°20	8°12	8°50	8° 6	21°26	22°28	5°45	n.a.	W27
T 28	13 13 9	18°51'08	5♎41	12°55	13°40	2°34	21°47	10°27	8°11	8°51	8° 7	21°15	22°25	5°52	n.a.	T 28
F 29	13 17 5	19°48'13	17°52	14° 2	14°50	3° 5	21°42	10°33	8°10	8°53	8° 9	21° 4	22°22	5°59	n.a.	F 29
S 30	13 21 2	20♈45'18	0♏13	15♉ 5	16♓ 1	3♑36	21♏37	10♓40	8♐ 8	8♊54	8♉10	20♊54	22♊19	6♍ 6	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s48	0n50	4n49	1s50	0n 4	18s24	1s 1	24s 1	0s43	18s28	0n29	11s11	2s18	22s20	0s10	21n31	0s38	9n14	5s23	23n47	23n47	15n 8		n.a.
S 2	2 25	4s15	4 26	0 47	0 14	18 7	1 4	24 6	0 45	18 28	0 29	11 8	2 18	22 20	0 10	21 31	0 38	9 14	5 23	23 46	23 47	15 6		n.a.
S 3	2 2	9 15	3 51	0n15	0 25	17 50	1 6	24 12	0 48	18 28	0 29	11 5	2 18	22 20	0 10	21 31	0 38	9 15	5 23	23 45	23 47	15 3		n.a.
M 4	1 39	13 57	3 4	1 17	0 35	17 31	1 9	24 17	0 50	18 27	0 29	11 2	2 18	22 20	0 10	21 31	0 38	9 15	5 22	23 45	23 46	15 1		n.a.
T 5	1 15	18 8	2 7	2 19	0 46	17 13	1 12	24 22	0 52	18 27	0 29	11 0	2 18	22 20	0 10	21 31	0 38	9 16	5 22	23 45	23 46	14 59		n.a.
W 6	0 52	21 33	1 3	3 20	0 56	16 54	1 14	24 27	0 54	18 27	0 29	10 57	2 19	22 20	0 10	21 31	0 38	9 16	5 22	23 45	23 46	14 57		n.a.
T 7	0 29	23 55	0s 7	4 19	1 5	16 34	1 17	24 32	0 56	18 27	0 29	10 54	2 19	22 20	0 10	21 32	0 38	9 17	5 22	23 45	23 46	14 55		n.a.
F 8	0 6	24 58	1 17	5 18	1 15	16 14	1 19	24 37	0 59	18 26	0 29	10 51	2 19	22 20	0 10	21 32	0 38	9 17	5 22	23 45	23 46	14 52		n.a.
S 9	0n18	24 30	2 26	6 15	1 24	15 53	1 22	24 42	1 1	18 26	0 29	10 48	2 19	22 20	0 10	21 32	0 38	9 18	5 22	23 45	23 46	14 50		n.a.
S 10	0 41	22 26	3 27	7 11	1 32	15 33	1 24	24 46	1 3	18 25	0 29	10 46	2 19	22 20	0 10	21 32	0 38	9 18	5 22	23 45	23 46	14 48		n.a.
M11	1 4	18 51	4 15	8 5	1 40	15 11	1 26	24 50	1 6	18 25	0 29	10 43	2 19	22 20	0 10	21 32	0 38	9 19	5 21	23 44	23 45	14 46		n.a.
T 12	1 27	13 59	4 48	8 57	1 47	14 49	1 28	24 55	1 8	18 24	0 29	10 40	2 19	22 20	0 10	21 33	0 38	9 19	5 21	23 44	23 45	14 43		n.a.
W13	1 51	8 14	5 1	9 47	1 54	14 27	1 30	24 59	1 11	18 23	0 29	10 37	2 19	22 20	0 10	21 33	0 38	9 20	5 21	23 43	23 45	14 41		n.a.
T 14	2 14	1 59	4 53	10 35	2 0	14 5	1 32	25 3	1 13	18 23	0 29	10 35	2 19	22 20	0 10	21 33	0 38	9 20	5 21	23 43	23 45	14 39		n.a.
F 15	2 37	4n18	4 24	11 21	2 6	13 42	1 33	25 6	1 16	18 22	0 28	10 32	2 20	22 19	0 10	21 33	0 38	9 21	5 21	23 42	23 45	14 37		n.a.
S 16	3 0	10 14	3 39	12 5	2 10	13 18	1 35	25 10	1 18	18 21	0 28	10 29	2 20	22 19	0 10	21 34	0 38	9 22	5 21	23 42	23 45	14 34		n.a.
S 17	3 23	15 27	2 42	12 47	2 14	12 55	1 37	25 14	1 21	18 20	0 28	10 27	2 20	22 19	0 10	21 34	0 38	9 22	5 21	23 41	23 44	14 32		n.a.
M18	3 46	19 42	1 37	13 27	2 18	12 30	1 38	25 17	1 23	18 20	0 28	10 24	2 20	22 19	0 10	21 34	0 38	9 23	5 21	23 41	23 44	14 30		n.a.
T 19	4 9	22 47	0 28	14 5	2 20	12 6	1 40	25 20	1 26	18 19	0 28	10 21	2 20	22 19	0 10	21 34	0 38	9 23	5 21	23 41	23 44	14 27		n.a.
W20	4 32	24 35	0n40	14 40	2 22	11 41	1 41	25 24	1 29	18 18	0 28	10 19	2 20	22 19	0 10	21 35	0 38	9 24	5 20	23 41	23 44	14 25		n.a.
T 21	4 55	25 6	1 44	15 13	2 23	11 16	1 42	25 27	1 31	18 17	0 28	10 16	2 20	22 19	0 10	21 35	0 38	9 24	5 20	23 41	23 44	14 23		n.a.
F 22	5 17	24 23	2 42	15 44	2 24	10 51	1 43	25 30	1 34	18 16	0 28	10 14	2 20	22 19	0 10	21 35	0 38	9 25	5 20	23 41	23 43	14 21		n.a.
S 23	5 40	22 33	3 32	16 13	2 23	10 25	1 44	25 32	1 37	18 15	0 28	10 11	2 21	22 18	0 10	21 35	0 38	9 25	5 20	23 41	23 43	14 18		n.a.
S 24	6 3	19 45	4 12	16 40	2 22	9 59	1 45	25 35	1 40	18 14	0 28	10 9	2 21	22 18	0 10	21 36	0 38	9 26	5 20	23 40	23 43	14 16		n.a.
M25	6 25	16 9	4 41	17 5	2 20	9 33	1 46	25 38	1 42	18 12	0 28	10 6	2 21	22 18	0 10	21 36	0 38	9 26	5 20	23 40	23 43	14 14		n.a.
T 26	6 47	11 54	4 58	17 27	2 18	9 6	1 47	25 40	1 45	18 11	0 27	10 3	2 21	22 18	0 10	21 36	0 38	9 27	5 20	23 39	23 43	14 11		n.a.
W27	7 10	7 12	5 2	17 47	2 14	8 40	1 48	25 43	1 48	18 10	0 27	10 1	2 21	22 18	0 10	21 36	0 38	9 27	5 20	23 39	23 43	14 9		n.a.
T 28	7 32	2 10	4 53	18 6	2 10	8 13	1 48	25 45	1 51	18 9	0 27	9 59	2 21	22 18	0 10	21 37	0 38	9 28	5 20	23 38	23 42	14 7		n.a.
F 29	7 54	2s59	4 31	18 22	2 5	7 45	1 49	25 47	1 54	18 7	0 27	9 56	2 22	22 17	0 10	21 37	0 37	9 28	5 20	23 37	23 42	14 4		n.a.
S 30	8n16	8s 7	3n55	18n36	2n 0	7s18	1s49	25s50	1s57	18s 6	0n27	9s54	2s22	22s17	0s11	21n37	0s37	9n29	5s19	23n37	23n42	14n 2		n.a.

Julian Day Number = 977133.5, Delta T = 13h18m16s
Ecliptic obliquity = 23°55'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'55, Lahiri = -32°02'55 Julian Calendar 1 Apr. 2038 BCE == Greg. Calendar 15 March 2038 BCE

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

MAY 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 24 59	21♈42'22	12♏43	16♉ 6	17♓11	4♑ 7	21°R31	10♓47	8°R 7	8♊56	8♉12	20°R47	22♊15	6♍12	n.a.	S 1
M 2	13 28 55	22°39'26	25°24	17° 3	18°22	4°38	21♏25	10°53	8♐ 5	8°58	8°13	20♊41	22°12	6°19	n.a.	M 2
T 3	13 32 52	23°36'29	8♐16	17°56	19°33	5° 8	21°19	11° 0	8° 4	8°59	8°15	20°39	22° 9	6°26	n.a.	T 3
W 4	13 36 48	24°33'33	21°20	18°46	20°43	5°38	21°13	11° 6	8° 3	9° 1	8°16	20°D38	22° 6	6°32	n.a.	W 4
T 5	13 40 45	25°30'36	4♑39	19°32	21°54	6° 7	21° 7	11°13	8° 1	9° 3	8°17	20°38	22° 3	6°39	n.a.	T 5
F 6	13 44 41	26°27'39	18°14	20°15	23° 5	6°37	21° 1	11°19	7°59	9° 4	8°19	20°39	22° 0	6°46	n.a.	F 6
S 7	13 48 38	27°24'43	2♒ 7	20°53	24°16	7° 6	20°55	11°25	7°58	9° 6	8°20	20°R39	21°56	6°53	n.a.	S 7
S 8	13 52 34	28°21'46	16°17	21°28	25°27	7°34	20°48	11°32	7°56	9° 8	8°22	20°38	21°53	6°59	n.a.	S 8
M 9	13 56 31	29°18'49	0♓43	21°58	26°38	8° 3	20°42	11°38	7°55	9°10	8°23	20°35	21°50	7° 6	n.a.	M 9
T 10	14 0 28	0♉15'53	15°21	22°24	27°49	8°31	20°35	11°44	7°53	9°12	8°25	20°29	21°47	7°13	n.a.	T 10
W11	14 4 24	1°12'56	0♈ 8	22°46	29° 0	8°58	20°28	11°50	7°51	9°13	8°26	20°23	21°44	7°20	n.a.	W11
T 12	14 8 21	2°10'00	14°54	23° 3	0♈11	9°25	20°21	11°56	7°49	9°15	8°28	20°15	21°40	7°26	n.a.	T 12
F 13	14 12 17	3° 7'03	29°32	23°16	1°22	9°52	20°14	12° 2	7°47	9°17	8°29	20° 8	21°37	7°33	n.a.	F 13
S 14	14 16 14	4° 4'07	13♉55	23°24	2°33	10°19	20° 7	12° 8	7°46	9°19	8°31	20° 3	21°34	7°40	n.a.	S 14
S 15	14 20 10	5° 1'10	27°56	23°R27	3°45	10°45	20° 0	12°14	7°44	9°21	8°32	19°59	21°31	7°46	n.a.	S 15
M16	14 24 7	5°58'14	11♊34	23°26	4°56	11°10	19°53	12°19	7°42	9°23	8°33	19°57	21°28	7°53	n.a.	M16
T 17	14 28 4	6°55'17	24°47	23°21	6° 7	11°35	19°46	12°25	7°40	9°25	8°35	19°D57	21°25	8° 0	n.a.	T 17
W18	14 32 0	7°52'20	7♋36	23°11	7°19	12° 0	19°38	12°31	7°38	9°27	8°36	19°58	21°21	8° 7	n.a.	W18
T 19	14 35 57	8°49'23	20° 5	22°56	8°30	12°25	19°31	12°36	7°36	9°29	8°38	19°59	21°18	8°13	n.a.	T 19
F 20	14 39 53	9°46'26	2♌18	22°37	9°42	12°48	19°23	12°42	7°34	9°31	8°39	20° 0	21°15	8°20	n.a.	F 20
S 21	14 43 50	10°43'29	14°19	22°15	10°53	13°12	19°16	12°47	7°32	9°32	8°41	20°R 0	21°12	8°27	n.a.	S 21
S 22	14 47 46	11°40'32	26°13	21°48	12° 5	13°35	19° 8	12°52	7°30	9°34	8°42	19°59	21° 9	8°33	n.a.	S 22
M23	14 51 43	12°37'35	8♍ 6	21°19	13°17	13°57	19° 1	12°58	7°28	9°37	8°44	19°56	21° 6	8°40	n.a.	M23
T 24	14 55 40	13°34'38	20° 1	20°46	14°28	14°19	18°53	13° 3	7°26	9°39	8°45	19°52	21° 2	8°47	n.a.	T 24
W25	14 59 36	14°31'41	2♎ 1	20°11	15°40	14°41	18°45	13° 8	7°24	9°41	8°47	19°47	20°59	8°54	n.a.	W25
T 26	15 3 33	15°28'44	14°11	19°34	16°52	15° 2	18°38	13°13	7°21	9°43	8°48	19°41	20°56	9° 0	n.a.	T 26
F 27	15 7 29	16°25'48	26°32	18°56	18° 3	15°22	18°30	13°18	7°19	9°45	8°50	19°35	20°53	9° 7	n.a.	F 27
S 28	15 11 26	17°22'51	9♏ 6	18°17	19°15	15°42	18°22	13°23	7°17	9°47	8°51	19°30	20°50	9°14	n.a.	S 28
S 29	15 15 22	18°19'56	21°53	17°39	20°27	16° 2	18°15	13°28	7°15	9°49	8°53	19°26	20°46	9°20	n.a.	S 29
M30	15 19 19	19°17'01	4♐53	17° 1	21°39	16°20	18° 7	13°32	7°13	9°51	8°54	19°24	20°43	9°27	n.a.	M30
T 31	15 23 15	20♉14'06	18♐ 6	16♉24	22♈51	16♑39	17♏59	13♓37	7♐10	9♊53	8♉55	19°D23	20♊40	9♍34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	8n38	12s59	3n 8	18n48	1n53	6s50	1s50	25s52	2s 0	18s 5	0n27	9s51	2s22	22s17	0s11	21n37	0s37	9n30	5s19	23n36	23n42	14n 0			n.a.
M 2	8 59	17 23	2 11	18 58	1 46	6 22	1 50	25 54	2 3	18 3	0 27	9 49	2 22	22 17	0 11	21 38	0 37	9 30	5 19	23 36	23 42	13 57			n.a.
T 3	9 21	21 3	1 6	19 6	1 38	5 54	1 50	25 56	2 6	18 2	0 27	9 46	2 22	22 16	0 11	21 38	0 37	9 31	5 19	23 35	23 41	13 55			n.a.
W 4	9 42	23 42	0s 4	19 12	1 30	5 26	1 50	25 58	2 9	18 0	0 27	9 44	2 22	22 16	0 11	21 38	0 37	9 31	5 19	23 35	23 41	13 53			n.a.
T 5	10 4	25 5	1 15	19 16	1 20	4 58	1 50	25 59	2 12	17 59	0 26	9 42	2 23	22 16	0 11	21 39	0 37	9 32	5 19	23 35	23 41	13 50			n.a.
F 6	10 25	25 1	2 23	19 18	1 10	4 29	1 50	26 1	2 16	17 57	0 26	9 39	2 23	22 16	0 11	21 39	0 37	9 32	5 19	23 35	23 41	13 48			n.a.
S 7	10 46	23 24	3 24	19 18	1 0	4 0	1 50	26 3	2 19	17 56	0 26	9 37	2 23	22 16	0 11	21 39	0 37	9 33	5 19	23 36	23 41	13 46			n.a.
S 8	11 7	20 18	4 14	19 16	0 48	3 31	1 50	26 4	2 22	17 54	0 26	9 35	2 23	22 15	0 11	21 39	0 37	9 33	5 19	23 35	23 40	13 43			n.a.
M 9	11 27	15 56	4 49	19 13	0 36	3 2	1 50	26 6	2 25	17 52	0 26	9 33	2 23	22 15	0 11	21 40	0 37	9 34	5 19	23 35	23 40	13 41			n.a.
T 10	11 48	10 34	5 6	19 7	0 23	2 33	1 49	26 7	2 29	17 51	0 26	9 30	2 24	22 15	0 11	21 40	0 37	9 34	5 19	23 35	23 40	13 39			n.a.
W11	12 8	4 33	5 2	19 0	0 10	2 4	1 49	26 9	2 32	17 49	0 26	9 28	2 24	22 14	0 11	21 40	0 37	9 35	5 19	23 34	23 40	13 36			n.a.
T 12	12 28	1n42	4 39	18 51	0s 4	1 35	1 48	26 10	2 36	17 47	0 26	9 26	2 24	22 14	0 11	21 41	0 37	9 35	5 19	23 34	23 40	13 34			n.a.
F 13	12 48	7 50	3 58	18 40	0 18	1 5	1 48	26 12	2 39	17 45	0 25	9 24	2 24	22 14	0 11	21 41	0 37	9 36	5 18	23 33	23 39	13 31			n.a.
S 14	13 8	13 27	3 2	18 28	0 33	0 36	1 47	26 13	2 43	17 44	0 25	9 22	2 24	22 14	0 11	21 41	0 37	9 36	5 18	23 33	23 39	13 29			n.a.
S 15	13 28	18 13	1 56	18 14	0 48	0 6	1 46	26 15	2 46	17 42	0 25	9 20	2 25	22 13	0 11	21 42	0 37	9 37	5 18	23 32	23 39	13 27			n.a.
M16	13 47	21 53	0 45	17 59	1 4	0n23	1 45	26 16	2 50	17 40	0 25	9 18	2 25	22 13	0 11	21 42	0 37	9 38	5 18	23 32	23 39	13 24			n.a.
T 17	14 6	24 16	0n26	17 42	1 20	0 53	1 45	26 17	2 53	17 38	0 25	9 16	2 25	22 13	0 11	21 42	0 37	9 38	5 18	23 32	23 39	13 22			n.a.
W18	14 25	25 16	1 34	17 24	1 36	1 23	1 44	26 19	2 57	17 36	0 25	9 14	2 25	22 12	0 11	21 43	0 37	9 39	5 18	23 32	23 38	13 19			n.a.
T 19	14 44	24 58	2 36	17 5	1 51	1 52	1 43	26 20	3 1	17 34	0 25	9 12	2 25	22 12	0 11	21 43	0 37	9 39	5 18	23 32	23 38	13 17			n.a.
F 20	15 2	23 27	3 29	16 45	2 7	2 22	1 41	26 21	3 4	17 32	0 24	9 10	2 26	22 12	0 11	21 43	0 37	9 40	5 18	23 33	23 38	13 15			n.a.
S 21	15 21	20 53	4 13	16 24	2 23	2 52	1 40	26 22	3 8	17 31	0 24	9 8	2 26	22 11	0 11	21 44	0 37	9 40	5 18	23 33	23 38	13 12			n.a.
S 22	15 39	17 28	4 44	16 3	2 38	3 21	1 39	26 24	3 12	17 29	0 24	9 6	2 26	22 11	0 11	21 44	0 37	9 41	5 18	23 33	23 38	13 10			n.a.
M23	15 57	13 23	5 4	15 41	2 53	3 51	1 38	26 25	3 16	17 27	0 24	9 4	2 26	22 11	0 11	21 44	0 37	9 41	5 18	23 32	23 37	13 7			n.a.
T 24	16 14	8 46	5 11	15 19	3 7	4 20	1 36	26 27	3 19	17 25	0 24	9 2	2 27	22 10	0 11	21 45	0 37	9 42	5 18	23 32	23 37	13 5			n.a.
W25	16 31	3 48	5 4	14 57	3 20	4 50	1 35	26 28	3 23	17 23	0 24	9 1	2 27	22 10	0 11	21 45	0 37	9 42	5 18	23 32	23 37	13 3			n.a.
T 26	16 49	1s22	4 43	14 35	3 32	5 19	1 34	26 29	3 27	17 21	0 24	8 59	2 27	22 10	0 11	21 45	0 37	9 43	5 18	23 31	23 37	13 0			n.a.
F 27	17 5	6 35	4 9	14 14	3 43	5 49	1 32	26 31	3 31	17 19	0 23	8 57	2 27	22 9	0 11	21 46	0 37	9 43	5 18	23 31	23 36	12 58			n.a.
S 28	17 22	11 38	3 22	13 54	3 53	6 18	1 30	26 32	3 35	17 17	0 23	8 55	2 28	22 9	0 11	21 46	0 37	9 44	5 18	23 30	23 36	12 55			n.a.
S 29	17 38	16 17	2 25	13 35	4 1	6 47	1 29	26 34	3 39	17 15	0 23	8 54	2 28	22 9	0 11	21 46	0 37	9 44	5 18	23 30	23 36	12 53			n.a.
M30	17 54	20 16	1 19	13 18	4 8	7 16	1 27	26 36	3 43	17 13	0 23	8 52	2 28	22 8	0 11	21 47	0 37	9 45	5 18	23 30	23 36	12 50			n.a.
T 31	18n10	23s16	0n 7	13n 2	4s14	7n45	1s25	26s37	3s47	17s11	0n23	8s51	2s28	22s 8	0s11	21n47	0s37	9n45	5s18	23n30	23n36	12n48			n.a.

Julian Day Number = 977163.5, Delta T = 13h18m14s
Ecliptic obliquity = 23°55'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'51, Lahiri = -32°02'51 Julian Calendar 1 May 2038 BCE == Greg. Calendar 14 Apr. 2038 BCE

The year -2037 astronomical counting style corresponds to year 2038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

JUNE 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 27 12	21♉11'13	1♋32	15°R50	24♈ 3	16♋56	17°R51	13♓42	7°R 8	9♊55	8♉57	19♊24	20♊37	9♍41	n.a.	W 1
T 2	15 31 9	22° 8'20	15° 9	15♉18	25°15	17°13	17♏44	13°46	7♐ 6	9°57	8°58	19°25	20°34	9°47	n.a.	T 2
F 3	15 35 5	23° 5'28	28°58	14°50	26°28	17°30	17°36	13°50	7° 4	9°59	9° 0	19°27	20°31	9°54	n.a.	F 3
S 4	15 39 2	24° 2'37	12♒57	14°25	27°40	17°46	17°29	13°55	7° 1	10° 2	9° 1	19°28	20°27	10° 1	n.a.	S 4
S 5	15 42 58	24°59'46	27° 5	14° 5	28°52	18° 1	17°21	13°59	6°59	10° 4	9° 3	19°R28	20°24	10° 8	n.a.	S 5
M 6	15 46 55	25°56'57	11♓21	13°49	0♉ 4	18°15	17°13	14° 3	6°57	10° 6	9° 4	19°27	20°21	10°14	n.a.	M 6
T 7	15 50 51	26°54'09	25°42	13°38	1°17	18°29	17° 6	14° 7	6°54	10° 8	9° 5	19°26	20°18	10°21	n.a.	T 7
W 8	15 54 48	27°51'22	10♈ 4	13°D33	2°29	18°42	16°58	14°11	6°52	10°10	9° 7	19°23	20°15	10°28	n.a.	W 8
T 9	15 58 45	28°48'36	24°23	13°33	3°42	18°55	16°51	14°15	6°50	10°12	9° 8	19°20	20°12	10°34	n.a.	T 9
F 10	16 2 41	29°45'52	8♉35	13°39	4°54	19° 6	16°44	14°19	6°47	10°15	9°10	19°18	20° 8	10°41	n.a.	F 10
S 11	16 6 38	0♊43'08	22°35	13°51	6° 7	19°17	16°36	14°23	6°45	10°17	9°11	19°16	20° 5	10°48	n.a.	S 11
S 12	16 10 34	1°40'25	6♊18	14° 9	7°19	19°27	16°29	14°26	6°42	10°19	9°12	19°14	20° 2	10°55	n.a.	S 12
M13	16 14 31	2°37'43	19°43	14°33	8°32	19°37	16°22	14°30	6°40	10°21	9°14	19°D14	19°59	11° 1	n.a.	M13
T 14	16 18 27	3°35'03	2♋48	15° 3	9°44	19°46	16°15	14°33	6°38	10°23	9°15	19°14	19°56	11° 8	n.a.	T 14
W15	16 22 24	4°32'23	15°33	15°39	10°57	19°54	16° 8	14°36	6°35	10°26	9°17	19°15	19°52	11°15	n.a.	W15
T 16	16 26 21	5°29'44	28° 1	16°21	12°10	20° 1	16° 1	14°40	6°33	10°28	9°18	19°17	19°49	11°22	n.a.	T 16
F 17	16 30 17	6°27'05	10♌14	17° 9	13°23	20° 7	15°54	14°43	6°30	10°30	9°19	19°18	19°46	11°28	n.a.	F 17
S 18	16 34 14	7°24'28	22°16	18° 3	14°35	20°13	15°47	14°46	6°28	10°32	9°21	19°19	19°43	11°35	n.a.	S 18
S 19	16 38 10	8°21'52	4♍12	19° 3	15°48	20°18	15°41	14°49	6°26	10°35	9°22	19°R19	19°40	11°42	n.a.	S 19
M20	16 42 7	9°19'16	16° 5	20° 8	17° 1	20°22	15°34	14°52	6°23	10°37	9°23	19°19	19°37	11°48	n.a.	M20
T 21	16 46 3	10°16'41	28° 1	21°19	18°14	20°25	15°28	14°54	6°21	10°39	9°25	19°19	19°33	11°55	n.a.	T 21
W22	16 50 0	11°14'08	10♎ 4	22°35	19°27	20°27	15°22	14°57	6°18	10°41	9°26	19°18	19°30	12° 2	n.a.	W22
T 23	16 53 56	12°11'35	22°17	23°56	20°40	20°29	15°16	15° 0	6°16	10°43	9°27	19°17	19°27	12° 9	n.a.	T 23
F 24	16 57 53	13° 9'03	4♏45	25°22	21°53	20°R29	15°10	15° 2	6°14	10°46	9°28	19°16	19°24	12°15	n.a.	F 24
S 25	17 1 50	14° 6'33	17°29	26°53	23° 6	20°29	15° 4	15° 4	6°11	10°48	9°30	19°15	19°21	12°22	n.a.	S 25
S 26	17 5 46	15° 4'04	0♐31	28°29	24°20	20°28	14°58	15° 7	6° 9	10°50	9°31	19°15	19°18	12°29	n.a.	S 26
M27	17 9 43	16° 1'36	13°51	0♊ 8	25°33	20°27	14°52	15° 9	6° 7	10°52	9°32	19°D15	19°14	12°35	n.a.	M27
T 28	17 13 39	16°59'10	27°28	1°52	26°46	20°24	14°47	15°11	6° 4	10°55	9°33	19°15	19°11	12°42	n.a.	T 28
W29	17 17 36	17°56'46	11♋19	3°38	27°59	20°21	14°41	15°13	6° 2	10°57	9°35	19°15	19° 8	12°49	n.a.	W29
T 30	17 21 32	18♊54'22	25♋23	5♊28	29♉13	20♋17	14♏36	15♓15	6♐ 0	10♊59	9♉36	19°R15	19♊ 5	12♍56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n25	25s 1	1s 6	12n48	4s18	8n14	1s24	26s39	3s51	17s 9	0n23	8s49	2s29	22s 8	0s11	21n47	0s37	9n46	5s18	23n30	23n35	12n45		n.a.
T 2	18 41	25 18	2 17	12 37	4 20	8 42	1 22	26 41	3 55	17 6	0 22	8 47	2 29	22 7	0 11	21 48	0 37	9 46	5 18	23 30	23 35	12 43		n.a.
F 3	18 55	24 3	3 20	12 28	4 21	9 11	1 20	26 43	3 59	17 4	0 22	8 46	2 29	22 7	0 11	21 48	0 37	9 47	5 18	23 30	23 35	12 40		n.a.
S 4	19 10	21 18	4 13	12 21	4 20	9 39	1 18	26 45	4 4	17 2	0 22	8 45	2 29	22 6	0 11	21 48	0 37	9 47	5 18	23 30	23 35	12 38		n.a.
S 5	19 24	17 16	4 51	12 17	4 18	10 7	1 16	26 47	4 8	17 0	0 22	8 43	2 30	22 6	0 11	21 49	0 37	9 48	5 18	23 30	23 34	12 36		n.a.
M 6	19 38	12 14	5 11	12 16	4 15	10 35	1 14	26 49	4 12	16 58	0 22	8 42	2 30	22 6	0 11	21 49	0 37	9 48	5 18	23 30	23 34	12 33		n.a.
T 7	19 52	6 30	5 12	12 17	4 10	11 2	1 12	26 51	4 16	16 56	0 22	8 40	2 30	22 5	0 11	21 49	0 37	9 49	5 18	23 30	23 34	12 31		n.a.
W 8	20 5	0 26	4 54	12 22	4 4	11 30	1 10	26 53	4 21	16 54	0 21	8 39	2 30	22 5	0 11	21 50	0 37	9 49	5 18	23 30	23 34	12 28		n.a.
T 9	20 18	5n40	4 18	12 29	3 56	11 57	1 7	26 56	4 25	16 52	0 21	8 38	2 31	22 4	0 11	21 50	0 37	9 49	5 17	23 29	23 33	12 26		n.a.
F 10	20 31	11 25	3 25	12 39	3 48	12 24	1 5	26 58	4 29	16 50	0 21	8 37	2 31	22 4	0 11	21 50	0 37	9 50	5 17	23 29	23 33	12 23		n.a.
S 11	20 43	16 31	2 22	12 51	3 38	12 50	1 3	27 1	4 33	16 49	0 21	8 35	2 31	22 4	0 11	21 51	0 37	9 50	5 17	23 29	23 33	12 21		n.a.
S 12	20 55	20 38	1 11	13 6	3 28	13 17	1 1	27 4	4 38	16 47	0 21	8 34	2 32	22 3	0 11	21 51	0 37	9 51	5 17	23 29	23 33	12 18		n.a.
M13	21 7	23 34	0n 3	13 24	3 17	13 43	0 58	27 6	4 42	16 45	0 20	8 33	2 32	22 3	0 11	21 51	0 36	9 51	5 17	23 29	23 32	12 16		n.a.
T 14	21 18	25 8	1 14	13 44	3 5	14 9	0 56	27 9	4 46	16 43	0 20	8 32	2 32	22 2	0 11	21 52	0 36	9 52	5 17	23 29	23 32	12 13		n.a.
W15	21 29	25 19	2 20	14 7	2 52	14 34	0 54	27 12	4 51	16 41	0 20	8 31	2 32	22 2	0 11	21 52	0 36	9 52	5 17	23 29	23 32	12 11		n.a.
T 16	21 39	24 13	3 18	14 32	2 39	14 59	0 51	27 15	4 55	16 39	0 20	8 30	2 33	22 2	0 11	21 52	0 36	9 53	5 17	23 29	23 32	12 8		n.a.
F 17	21 50	21 58	4 6	14 58	2 26	15 24	0 49	27 19	4 59	16 37	0 20	8 29	2 33	22 1	0 11	21 53	0 36	9 53	5 17	23 29	23 31	12 6		n.a.
S 18	21 59	18 48	4 42	15 27	2 12	15 48	0 46	27 22	5 3	16 35	0 19	8 28	2 33	22 1	0 11	21 53	0 36	9 53	5 17	23 29	23 31	12 3		n.a.
S 19	22 9	14 53	5 5	15 57	1 58	16 12	0 44	27 26	5 8	16 34	0 19	8 27	2 34	22 0	0 11	21 53	0 36	9 54	5 17	23 29	23 31	12 1		n.a.
M20	22 18	10 26	5 16	16 28	1 44	16 36	0 42	27 29	5 12	16 32	0 19	8 26	2 34	22 0	0 11	21 54	0 36	9 54	5 17	23 29	23 31	11 58		n.a.
T 21	22 27	5 34	5 13	17 1	1 30	16 59	0 39	27 33	5 16	16 30	0 19	8 25	2 34	22 0	0 11	21 54	0 36	9 55	5 17	23 29	23 30	11 56		n.a.
W22	22 35	0 27	4 56	17 34	1 16	17 22	0 37	27 37	5 20	16 29	0 19	8 25	2 34	21 59	0 11	21 54	0 36	9 55	5 18	23 29	23 30	11 53		n.a.
T 23	22 43	4s45	4 26	18 9	1 2	17 44	0 34	27 40	5 24	16 27	0 19	8 24	2 35	21 59	0 11	21 55	0 36	9 55	5 18	23 29	23 30	11 50		n.a.
F 24	22 50	9 53	3 42	18 43	0 48	18 6	0 31	27 44	5 29	16 25	0 18	8 23	2 35	21 58	0 11	21 55	0 36	9 56	5 18	23 29	23 30	11 48		n.a.
S 25	22 58	14 44	2 47	19 18	0 34	18 28	0 29	27 48	5 33	16 24	0 18	8 23	2 35	21 58	0 11	21 55	0 36	9 56	5 18	23 29	23 29	11 45		n.a.
S 26	23 4	19 1	1 42	19 53	0 21	18 49	0 26	27 52	5 37	16 22	0 18	8 22	2 36	21 58	0 11	21 56	0 36	9 57	5 18	23 29	23 29	11 43		n.a.
M27	23 11	22 26	0 30	20 28	0 8	19 9	0 24	27 57	5 41	16 21	0 18	8 21	2 36	21 57	0 11	21 56	0 36	9 57	5 18	23 29	23 29	11 40		n.a.
T 28	23 17	24 40	0s45	21 2	0n 5	19 29	0 21	28 1	5 45	16 19	0 18	8 21	2 36	21 57	0 11	21 56	0 36	9 57	5 18	23 29	23 29	11 38		n.a.
W29	23 22	25 25	1 59	21 35	0 16	19 49	0 19	28 5	5 48	16 18	0 17	8 20	2 37	21 56	0 11	21 57	0 36	9 58	5 18	23 29	23 28	11 35		n.a.
T 30	23n27	24s34	3s 7	22n 6	0n28	20n 8	0s16	28s10	5s52	16s17	0n17	8s20	2s37	21s56	0s11	21n57	0s36	9n58	5s18	23n29	23n28	11n33		n.a.

Julian Day Number = 977194.5, Delta T = 13h18m12s
Ecliptic obliquity = 23°55'43, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'47, Lahiri = -32°02'47 Julian Calendar 1 June 2038 BCE == Greg. Calendar 15 May 2038 BCE

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

JULY 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 25 29	19♊52'01	9♒35	7♊21	0♊26	20°R11	14°R31	15♓16	5°R57	11♊ 1	9♉37	19°R15	19♊ 2	13♍ 2	n.a.	F 1
S 2	17 29 25	20°49'41	23°51	9°15	1°40	20♉ 6	14♏26	15°18	5♐55	11° 3	9°38	19♊15	18°58	13° 9	n.a.	S 2
S 3	17 33 22	21°47'23	8♓ 9	11°12	2°53	19°59	14°22	15°19	5°53	11° 6	9°39	19°15	18°55	13°16	n.a.	S 3
M 4	17 37 19	22°45'07	22°24	13°10	4° 7	19°52	14°17	15°21	5°50	11° 8	9°40	19°D15	18°52	13°23	n.a.	M 4
T 5	17 41 15	23°42'53	6♈35	15° 9	5°20	19°43	14°13	15°22	5°48	11°10	9°41	19°15	18°49	13°29	n.a.	T 5
W 6	17 45 12	24°40'40	20°39	17°10	6°34	19°34	14° 8	15°23	5°46	11°12	9°43	19°15	18°46	13°36	n.a.	W 6
T 7	17 49 8	25°38'30	4♉34	19°10	7°48	19°25	14° 4	15°24	5°44	11°14	9°44	19°16	18°43	13°43	n.a.	T 7
F 8	17 53 5	26°36'22	18°18	21°11	9° 1	19°14	14° 0	15°25	5°42	11°17	9°45	19°16	18°39	13°49	n.a.	F 8
S 9	17 57 1	27°34'15	1♊51	23°12	10°15	19° 3	13°57	15°26	5°39	11°19	9°46	19°17	18°36	13°56	n.a.	S 9
S 10	18 0 58	28°32'10	15°10	25°12	11°29	18°51	13°53	15°27	5°37	11°21	9°47	19°R17	18°33	14° 3	n.a.	S 10
M11	18 4 54	29°30'08	28°15	27°12	12°43	18°39	13°50	15°28	5°35	11°23	9°48	19°17	18°30	14°10	n.a.	M11
T 12	18 8 51	0♋28'07	11♋ 5	29°11	13°57	18°26	13°46	15°28	5°33	11°25	9°49	19°16	18°27	14°16	n.a.	T 12
W13	18 12 48	1°26'07	23°41	1♋ 9	15°10	18°12	13°43	15°29	5°31	11°27	9°50	19°15	18°24	14°23	n.a.	W13
T 14	18 16 44	2°24'10	6♌ 3	3° 7	16°24	17°58	13°41	15°29	5°29	11°29	9°51	19°13	18°20	14°30	n.a.	T 14
F 15	18 20 41	3°22'14	18°13	5° 4	17°38	17°43	13°38	15°29	5°27	11°31	9°52	19°11	18°17	14°37	n.a.	F 15
S 16	18 24 37	4°20'20	0♍14	6°59	18°52	17°28	13°35	15°R29	5°25	11°34	9°53	19° 9	18°14	14°43	n.a.	S 16
S 17	18 28 34	5°18'27	12° 9	8°54	20° 7	17°13	13°33	15°29	5°23	11°36	9°54	19° 8	18°11	14°50	n.a.	S 17
M18	18 32 30	6°16'36	24° 1	10°47	21°21	16°57	13°31	15°29	5°21	11°38	9°55	19° 6	18° 8	14°57	n.a.	M18
T 19	18 36 27	7°14'46	5♎56	12°39	22°35	16°41	13°29	15°29	5°19	11°40	9°56	19°D 6	18° 4	15° 3	n.a.	T 19
W20	18 40 23	8°12'59	17°57	14°30	23°49	16°24	13°27	15°29	5°17	11°42	9°56	19° 6	18° 1	15°10	n.a.	W20
T 21	18 44 20	9°11'12	0♏10	16°20	25° 3	16° 7	13°26	15°28	5°15	11°44	9°57	19° 7	17°58	15°17	n.a.	T 21
F 22	18 48 17	10° 9'28	12°38	18° 8	26°17	15°50	13°24	15°28	5°13	11°46	9°58	19° 9	17°55	15°24	n.a.	F 22
S 23	18 52 13	11° 7'46	25°26	19°55	27°32	15°33	13°23	15°27	5°12	11°48	9°59	19°10	17°52	15°30	n.a.	S 23
S 24	18 56 10	12° 6'05	8♐36	21°42	28°46	15°16	13°22	15°26	5°10	11°50	10° 0	19°11	17°49	15°37	n.a.	S 24
M25	19 0 6	13° 4'26	22°10	23°26	0♋ 0	14°59	13°22	15°25	5° 8	11°52	10° 0	19°R11	17°45	15°44	n.a.	M25
T 26	19 4 3	14° 2'49	6♑ 6	25°10	1°15	14°42	13°21	15°24	5° 6	11°54	10° 1	19°11	17°42	15°51	n.a.	T 26
W27	19 7 59	15° 1'14	20°23	26°53	2°29	14°25	13°21	15°23	5° 5	11°56	10° 2	19° 9	17°39	15°57	n.a.	W27
T 28	19 11 56	15°59'41	4♒54	28°34	3°44	14° 8	13°20	15°22	5° 3	11°58	10° 3	19° 5	17°36	16° 4	n.a.	T 28
F 29	19 15 52	16°58'11	19°34	0♌15	4°58	13°51	13°D20	15°21	5° 2	12° 0	10° 3	19° 2	17°33	16°11	n.a.	F 29
S 30	19 19 49	17°56'42	4♓16	1°54	6°13	13°34	13°21	15°19	5° 0	12° 1	10° 4	18°58	17°30	16°17	n.a.	S 30
S 31	19 23 46	18♋55'16	18♓52	3♌32	7♋27	13♑17	13♏21	15♓18	4♐58	12♊ 3	10♉ 5	18♊54	17♊26	16♍24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n32	22s 8	4s 4	22n37	0n38	20n26	0s13	28s14	5s56	16s15	0n17	8s19	2s37	21s56	0s11	21n57	0s36	9n58	5s18	23n29	23n28	11n30		n.a.
S 2	23 36	18 20	4 46	23 5	0 48	20 44	0 11	28 19	6 0	16 14	0 17	8 19	2 37	21 55	0 11	21 58	0 36	9 59	5 18	23 29	23 28	11 27		n.a.
S 3	23 40	13 28	5 11	23 32	0 57	21 2	0 8	28 23	6 3	16 13	0 17	8 19	2 38	21 55	0 11	21 58	0 36	9 59	5 18	23 29	23 27	11 25		n.a.
M 4	23 43	7 54	5 16	23 56	1 6	21 18	0 6	28 28	6 7	16 11	0 16	8 18	2 38	21 54	0 11	21 58	0 36	9 59	5 18	23 29	23 27	11 22		n.a.
T 5	23 46	1 57	5 2	24 18	1 14	21 35	0 3	28 32	6 10	16 10	0 16	8 18	2 38	21 54	0 11	21 59	0 36	10 0	5 18	23 29	23 27	11 20		n.a.
W 6	23 49	4n 3	4 31	24 38	1 20	21 50	0 1	28 37	6 13	16 9	0 16	8 18	2 39	21 54	0 11	21 59	0 36	10 0	5 18	23 29	23 27	11 17		n.a.
T 7	23 51	9 48	3 43	24 55	1 26	22 5	0n 2	28 41	6 16	16 8	0 16	8 18	2 39	21 53	0 11	21 59	0 36	10 0	5 18	23 29	23 26	11 15		n.a.
F 8	23 53	15 1	2 43	25 9	1 32	22 20	0 4	28 46	6 19	16 7	0 16	8 18	2 39	21 53	0 11	22 0	0 36	10 1	5 18	23 29	23 26	11 12		n.a.
S 9	23 54	19 24	1 35	25 21	1 36	22 33	0 7	28 51	6 22	16 6	0 15	8 18	2 40	21 52	0 11	22 0	0 36	10 1	5 18	23 29	23 26	11 9		n.a.
S 10	23 55	22 42	0 23	25 30	1 40	22 47	0 9	28 55	6 25	16 5	0 15	8 18	2 40	21 52	0 11	22 0	0 36	10 1	5 18	23 29	23 25	11 7		n.a.
M11	23 56	24 44	0n49	25 37	1 43	22 59	0 12	28 59	6 27	16 4	0 15	8 18	2 40	21 52	0 11	22 0	0 36	10 1	5 18	23 29	23 25	11 4		n.a.
T 12	23 56	25 25	1 58	25 41	1 45	23 11	0 14	29 4	6 30	16 4	0 15	8 18	2 41	21 51	0 11	22 1	0 36	10 2	5 18	23 29	23 25	11 2		n.a.
W13	23 55	24 44	2 59	25 42	1 47	23 22	0 17	29 8	6 32	16 3	0 15	8 18	2 41	21 51	0 11	22 1	0 36	10 2	5 18	23 29	23 25	10 59		n.a.
T 14	23 54	22 51	3 50	25 41	1 48	23 32	0 19	29 12	6 34	16 2	0 14	8 18	2 41	21 50	0 11	22 1	0 36	10 2	5 18	23 29	23 24	10 56		n.a.
F 15	23 53	19 57	4 31	25 38	1 48	23 42	0 22	29 16	6 36	16 2	0 14	8 18	2 41	21 50	0 11	22 2	0 36	10 3	5 18	23 29	23 24	10 54		n.a.
S 16	23 51	16 15	4 58	25 32	1 48	23 51	0 24	29 20	6 38	16 1	0 14	8 18	2 42	21 50	0 11	22 2	0 36	10 3	5 18	23 29	23 24	10 51		n.a.
S 17	23 49	11 57	5 13	25 24	1 47	23 59	0 26	29 23	6 39	16 1	0 14	8 19	2 42	21 49	0 11	22 2	0 36	10 3	5 18	23 28	23 23	10 49		n.a.
M18	23 47	7 13	5 14	25 14	1 46	24 7	0 29	29 27	6 41	16 0	0 14	8 19	2 42	21 49	0 11	22 3	0 36	10 3	5 18	23 28	23 23	10 46		n.a.
T 19	23 44	2 12	5 2	25 2	1 44	24 14	0 31	29 30	6 42	16 0	0 13	8 19	2 43	21 49	0 11	22 3	0 36	10 4	5 18	23 28	23 23	10 43		n.a.
W20	23 40	2s56	4 36	24 49	1 42	24 20	0 33	29 33	6 43	15 59	0 13	8 20	2 43	21 48	0 11	22 3	0 36	10 4	5 18	23 28	23 23	10 41		n.a.
T 21	23 36	8 3	3 58	24 33	1 39	24 26	0 36	29 36	6 44	15 59	0 13	8 20	2 43	21 48	0 11	22 3	0 36	10 4	5 18	23 28	23 22	10 38		n.a.
F 22	23 32	12 58	3 8	24 15	1 36	24 30	0 38	29 39	6 44	15 59	0 13	8 21	2 44	21 48	0 11	22 4	0 36	10 4	5 19	23 28	23 22	10 35		n.a.
S 23	23 27	17 27	2 7	23 56	1 32	24 34	0 40	29 42	6 45	15 59	0 13	8 21	2 44	21 47	0 11	22 4	0 36	10 4	5 19	23 29	23 22	10 33		n.a.
S 24	23 22	21 14	0 58	23 36	1 28	24 37	0 42	29 44	6 45	15 58	0 12	8 22	2 44	21 47	0 11	22 4	0 36	10 5	5 19	23 29	23 21	10 30		n.a.
M25	23 16	23 58	0s16	23 14	1 24	24 40	0 44	29 46	6 45	15 58	0 12	8 23	2 44	21 47	0 11	22 4	0 36	10 5	5 19	23 29	23 21	10 27		n.a.
T 26	23 10	25 19	1 32	22 50	1 20	24 42	0 46	29 48	6 45	15 58	0 12	8 23	2 45	21 46	0 11	22 5	0 36	10 5	5 19	23 29	23 21	10 25		n.a.
W27	23 4	25 2	2 43	22 26	1 15	24 42	0 48	29 50	6 44	15 58	0 12	8 24	2 45	21 46	0 11	22 5	0 36	10 5	5 19	23 28	23 20	10 22		n.a.
T 28	22 57	23 3	3 45	22 0	1 9	24 43	0 50	29 51	6 44	15 59	0 12	8 25	2 45	21 46	0 11	22 5	0 36	10 5	5 19	23 28	23 20	10 19		n.a.
F 29	22 50	19 33	4 32	21 33	1 4	24 42	0 52	29 52	6 43	15 59	0 12	8 25	2 46	21 46	0 11	22 6	0 36	10 5	5 19	23 28	23 20	10 17		n.a.
S 30	22 42	14 49	5 2	21 5	0 58	24 41	0 54	29 53	6 42	15 59	0 11	8 26	2 46	21 45	0 11	22 6	0 36	10 6	5 19	23 28	23 20	10 14		n.a.
S 31	22n34	9s16	5s12	20n36	0n52	24n39	0n56	29s54	6s41	15s59	0n11	8s27	2s46	21s45	0s11	22n 6	0s36	10n 6	5s19	23n27	23n19	10n11		n.a.

Julian Day Number = 977224.5, Delta T = 13h18m10s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'43, Lahiri = -32°02'42 Julian Calendar 1 July 2038 BCE == Greg. Calendar 14 June 2038 BCE

The year -2037 astronomical counting style corresponds to year 2038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

AUGUST 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 27 42	19♋53'52	3♈18	5♌ 9	8♋42	13°R 1	13♏21	15°R16	4°R57	12♊ 5	10♉ 5	18°R52	17♊23	16♍31	n.a.	M 1
T 2	19 31 39	20°52'31	17°30	6°46	9°57	12♑45	13°22	15♓15	4♐56	12° 7	10° 6	18°D51	17°20	16°38	n.a.	T 2
W 3	19 35 35	21°51'12	1♉26	8°21	11°11	12°30	13°23	15°13	4°54	12° 9	10° 7	18♊51	17°17	16°44	n.a.	W 3
T 4	19 39 32	22°49'55	15° 5	9°55	12°26	12°14	13°24	15°11	4°53	12°11	10° 7	18°52	17°14	16°51	n.a.	T 4
F 5	19 43 28	23°48'41	28°29	11°27	13°41	12° 0	13°26	15° 9	4°51	12°12	10° 8	18°54	17°10	16°58	n.a.	F 5
S 6	19 47 25	24°47'29	11♊38	12°59	14°56	11°45	13°27	15° 7	4°50	12°14	10° 8	18°55	17° 7	17° 5	n.a.	S 6
S 7	19 51 21	25°46'20	24°34	14°30	16°11	11°32	13°29	15° 4	4°49	12°16	10° 9	18°R55	17° 4	17°11	n.a.	S 7
M 8	19 55 18	26°45'13	7♋18	16° 0	17°25	11°18	13°31	15° 2	4°48	12°18	10° 9	18°53	17° 1	17°18	n.a.	M 8
T 9	19 59 14	27°44'09	19°50	17°29	18°40	11° 6	13°33	15° 0	4°47	12°19	10°10	18°50	16°58	17°25	n.a.	T 9
W10	20 3 11	28°43'06	2♌13	18°57	19°55	10°54	13°35	14°57	4°46	12°21	10°10	18°45	16°55	17°31	n.a.	W10
T 11	20 7 8	29°42'06	14°26	20°23	21°10	10°42	13°38	14°55	4°44	12°23	10°11	18°38	16°51	17°38	n.a.	T 11
F 12	20 11 4	0♌41'08	26°30	21°49	22°25	10°31	13°40	14°52	4°43	12°24	10°11	18°30	16°48	17°45	n.a.	F 12
S 13	20 15 1	1°40'12	8♍28	23°14	23°40	10°21	13°43	14°49	4°42	12°26	10°11	18°21	16°45	17°52	n.a.	S 13
S 14	20 18 57	2°39'18	20°20	24°37	24°55	10°12	13°46	14°46	4°42	12°27	10°12	18°14	16°42	17°58	n.a.	S 14
M15	20 22 54	3°38'26	2♎11	25°59	26°10	10° 4	13°49	14°43	4°41	12°29	10°12	18° 8	16°39	18° 5	n.a.	M15
T 16	20 26 50	4°37'36	14° 4	27°20	27°25	9°56	13°53	14°40	4°40	12°30	10°12	18° 3	16°36	18°12	n.a.	T 16
W17	20 30 47	5°36'48	26° 2	28°40	28°40	9°49	13°56	14°37	4°39	12°32	10°13	18° 1	16°32	18°18	n.a.	W17
T 18	20 34 43	6°36'02	8♏11	29°59	29°55	9°42	14° 0	14°34	4°38	12°33	10°13	18°D 0	16°29	18°25	n.a.	T 18
F 19	20 38 40	7°35'18	20°35	1♍16	1♎11	9°37	14° 4	14°30	4°38	12°35	10°13	18° 1	16°26	18°32	n.a.	F 19
S 20	20 42 36	8°34'36	3♐19	2°32	2°26	9°32	14° 8	14°27	4°37	12°36	10°13	18° 2	16°23	18°39	n.a.	S 20
S 21	20 46 33	9°33'55	16°28	3°46	3°41	9°28	14°12	14°23	4°36	12°38	10°13	18°R 3	16°20	18°45	n.a.	S 21
M22	20 50 30	10°33'17	0♑ 4	4°59	4°56	9°25	14°17	14°20	4°36	12°39	10°14	18° 2	16°16	18°52	n.a.	M22
T 23	20 54 26	11°32'41	14° 9	6°10	6°11	9°23	14°22	14°16	4°35	12°40	10°14	18° 0	16°13	18°59	n.a.	T 23
W24	20 58 23	12°32'07	28°40	7°19	7°27	9°21	14°26	14°12	4°35	12°42	10°14	17°55	16°10	19° 6	n.a.	W24
T 25	21 2 19	13°31'35	13♒31	8°26	8°42	9°D20	14°31	14° 8	4°35	12°43	10°14	17°48	16° 7	19°12	n.a.	T 25
F 26	21 6 16	14°31'06	28°36	9°31	9°57	9°21	14°37	14° 5	4°34	12°44	10°14	17°39	16° 4	19°19	n.a.	F 26
S 27	21 10 12	15°30'38	13♓43	10°34	11°12	9°21	14°42	14° 1	4°34	12°46	10°14	17°30	16° 1	19°26	n.a.	S 27
S 28	21 14 9	16°30'13	28°43	11°35	12°28	9°23	14°47	13°57	4°34	12°47	10°14	17°22	15°57	19°32	n.a.	S 28
M29	21 18 5	17°29'50	13♈28	12°32	13°43	9°25	14°53	13°53	4°33	12°48	10°R14	17°16	15°54	19°39	n.a.	M29
T 30	21 22 2	18°29'30	27°51	13°27	14°58	9°29	14°59	13°48	4°33	12°49	10°14	17°11	15°51	19°46	n.a.	T 30
W31	21 25 58	19♌29'12	11♉51	14♍18	16♌14	9♑32	15♏ 5	13♓44	4♐33	12♊50	10♉14	17♊10	15♊48	19♍53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	22n25	3s16	5s 3	20n 7	0n46	24n36	0n58	29s54	6s40	16s 0	0n11	8s28	2s46	21s45	0s11	22n 6	0s36	10n 6	5s19	23n27		23n19		10n 9			n.a.
T 2	22 16	2n48	4 34	19 36	0 40	24 32	0 59	29 54	6 38	16 0	0 11	8 29	2 47	21 44	0 11	22 7	0 36	10 6	5 19	23 27		23 19		10 6			n.a.
W 3	22 7	8 37	3 50	19 5	0 33	24 28	1 1	29 54	6 36	16 1	0 11	8 30	2 47	21 44	0 11	22 7	0 36	10 6	5 19	23 27		23 18		10 3			n.a.
T 4	21 57	13 55	2 54	18 33	0 26	24 22	1 3	29 54	6 35	16 1	0 10	8 31	2 47	21 44	0 11	22 7	0 36	10 6	5 19	23 27		23 18		10 1			n.a.
F 5	21 47	18 27	1 49	18 0	0 19	24 16	1 4	29 53	6 33	16 2	0 10	8 32	2 48	21 44	0 11	22 7	0 36	10 6	5 19	23 27		23 18		9 58			n.a.
S 6	21 36	21 59	0 40	17 27	0 12	24 10	1 6	29 52	6 30	16 2	0 10	8 33	2 48	21 43	0 11	22 7	0 36	10 7	5 19	23 27		23 17		9 55			n.a.
S 7	21 25	24 20	0n31	16 54	0 5	24 2	1 7	29 51	6 28	16 3	0 10	8 34	2 48	21 43	0 11	22 8	0 36	10 7	5 20	23 27		23 17		9 53			n.a.
M 8	21 14	25 21	1 38	16 20	0s 2	23 54	1 9	29 50	6 25	16 4	0 10	8 35	2 48	21 43	0 11	22 8	0 36	10 7	5 20	23 27		23 17		9 50			n.a.
T 9	21 2	25 4	2 40	15 45	0 10	23 45	1 10	29 49	6 23	16 5	0 10	8 37	2 49	21 43	0 11	22 8	0 36	10 7	5 20	23 27		23 16		9 47			n.a.
W10	20 50	23 31	3 33	15 11	0 17	23 35	1 11	29 47	6 20	16 5	0 9	8 38	2 49	21 43	0 11	22 8	0 36	10 7	5 20	23 26		23 16		9 45			n.a.
T 11	20 38	20 54	4 15	14 36	0 25	23 25	1 13	29 45	6 17	16 6	0 9	8 39	2 49	21 42	0 11	22 9	0 36	10 7	5 20	23 26		23 16		9 42			n.a.
F 12	20 25	17 24	4 46	14 1	0 32	23 14	1 14	29 43	6 14	16 7	0 9	8 40	2 49	21 42	0 11	22 9	0 36	10 7	5 20	23 25		23 16		9 39			n.a.
S 13	20 12	13 14	5 3	13 25	0 40	23 2	1 15	29 41	6 11	16 8	0 9	8 42	2 50	21 42	0 11	22 9	0 36	10 7	5 20	23 24		23 15		9 37			n.a.
S 14	19 58	8 36	5 8	12 50	0 48	22 50	1 16	29 38	6 8	16 9	0 9	8 43	2 50	21 42	0 11	22 9	0 36	10 7	5 20	23 24		23 15		9 34			n.a.
M15	19 44	3 40	4 59	12 15	0 56	22 36	1 17	29 36	6 4	16 11	0 9	8 45	2 50	21 42	0 11	22 9	0 36	10 7	5 20	23 23		23 15		9 31			n.a.
T 16	19 30	1s25	4 37	11 39	1 4	22 22	1 18	29 33	6 1	16 12	0 8	8 46	2 50	21 42	0 11	22 10	0 36	10 7	5 20	23 23		23 14		9 28			n.a.
W17	19 15	6 29	4 3	11 4	1 11	22 8	1 19	29 30	5 58	16 13	0 8	8 47	2 51	21 41	0 11	22 10	0 36	10 7	5 20	23 23		23 14		9 26			n.a.
T 18	19 0	11 24	3 18	10 29	1 19	21 53	1 20	29 27	5 54	16 14	0 8	8 49	2 51	21 41	0 11	22 10	0 36	10 7	5 20	23 22		23 14		9 23			n.a.
F 19	18 45	15 59	2 22	9 54	1 27	21 37	1 20	29 24	5 50	16 16	0 8	8 50	2 51	21 41	0 11	22 10	0 36	10 7	5 20	23 23		23 13		9 20			n.a.
S 20	18 29	19 58	1 18	9 19	1 35	21 20	1 21	29 20	5 47	16 17	0 8	8 52	2 51	21 41	0 11	22 10	0 36	10 7	5 20	23 23		23 13		9 17			n.a.
S 21	18 13	23 5	0 9	8 44	1 42	21 3	1 22	29 17	5 43	16 19	0 8	8 54	2 51	21 41	0 11	22 11	0 36	10 7	5 21	23 23		23 13		9 15			n.a.
M22	17 57	25 0	1s 4	8 11	1 50	20 45	1 22	29 13	5 39	16 20	0 7	8 55	2 52	21 41	0 11	22 11	0 36	10 7	5 21	23 23		23 12		9 12			n.a.
T 23	17 40	25 24	2 15	7 37	1 57	20 27	1 23	29 9	5 35	16 22	0 7	8 57	2 52	21 41	0 11	22 11	0 36	10 7	5 21	23 22		23 12		9 9			n.a.
W24	17 23	24 6	3 20	7 4	2 5	20 8	1 23	29 6	5 31	16 23	0 7	8 58	2 52	21 41	0 11	22 11	0 36	10 7	5 21	23 22		23 12		9 7			n.a.
T 25	17 6	21 7	4 12	6 32	2 12	19 48	1 24	29 2	5 27	16 25	0 7	9 0	2 52	21 41	0 11	22 11	0 36	10 7	5 21	23 21		23 11		9 4			n.a.
F 26	16 49	16 41	4 48	6 1	2 19	19 28	1 24	28 58	5 23	16 27	0 7	9 2	2 52	21 40	0 11	22 11	0 36	10 7	5 21	23 21		23 11		9 1			n.a.
S 27	16 31	11 11	5 4	5 31	2 26	19 7	1 24	28 54	5 19	16 28	0 7	9 4	2 53	21 40	0 11	22 12	0 36	10 7	5 21	23 20		23 11		8 58			n.a.
S 28	16 13	5 4	4 58	5 1	2 33	18 46	1 24	28 50	5 15	16 30	0 6	9 5	2 53	21 40	0 11	22 12	0 36	10 7	5 21	23 19		23 10		8 56			n.a.
M29	15 54	1n14	4 33	4 33	2 39	18 24	1 25	28 45	5 11	16 32	0 6	9 7	2 53	21 40	0 11	22 12	0 36	10 7	5 21	23 18		23 10		8 53			n.a.
T 30	15 36	7 20	3 51	4 6	2 45	18 1	1 25	28 41	5 7	16 34	0 6	9 9	2 53	21 40	0 11	22 12	0 36	10 7	5 21	23 18		23 10		8 50			n.a.
W31	15n17	12n54	2s57	3n41	2s51	17n38	1n25	28s37	5s 3	16s36	0n 6	9s11	2s53	21s40	0s11	22n12	0s36	10n 7	5s21	23n18		23n 9		8n47			n.a.

Julian Day Number = 977255.5, Delta T = 13h18m08s
Ecliptic obliquity = 23°55'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'39, Lahiri = -32°02'38 Julian Calendar 1 Aug. 2038 BCE == Greg. Calendar 15 July 2038 BCE

The year -2037 astronomical counting style corresponds to year 2038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

SEPTEMBER 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 29 55	20♌28'57	25♉26	15♍ 6	17♌29	9♑37	15♏11	13°R40	4°D33	12♊51	10°R14	17°D 9	15♊45	19♍59	n.a.	T 1
F 2	21 33 52	21°28'44	8♊40	15°49	18°44	9°43	15°17	13♓36	4♐33	12°52	10♉14	17♊10	15°41	20° 6	n.a.	F 2
S 3	21 37 48	22°28'34	21°35	16°29	20° 0	9°49	15°24	13°31	4°33	12°53	10°14	17°R10	15°38	20°13	n.a.	S 3
S 4	21 41 45	23°28'26	4♋15	17° 3	21°15	9°56	15°31	13°27	4°33	12°54	10°14	17° 9	15°35	20°20	n.a.	S 4
M 5	21 45 41	24°28'20	16°42	17°33	22°31	10° 3	15°37	13°22	4°33	12°55	10°14	17° 5	15°32	20°26	n.a.	M 5
T 6	21 49 38	25°28'17	28°59	17°56	23°46	10°12	15°44	13°18	4°34	12°56	10°13	16°58	15°29	20°33	n.a.	T 6
W 7	21 53 34	26°28'16	11♌ 9	18°13	25° 2	10°21	15°51	13°13	4°34	12°57	10°13	16°49	15°26	20°40	n.a.	W 7
T 8	21 57 31	27°28'17	23°12	18°23	26°17	10°30	15°59	13° 8	4°34	12°58	10°13	16°37	15°22	20°46	n.a.	T 8
F 9	22 1 27	28°28'20	5♍10	18°R26	27°33	10°41	16° 6	13° 4	4°35	12°59	10°13	16°23	15°19	20°53	n.a.	F 9
S 10	22 5 24	29°28'25	17° 4	18°21	28°48	10°52	16°14	12°59	4°35	13° 0	10°12	16° 9	15°16	21° 0	n.a.	S 10
S 11	22 9 20	0♍28'32	28°55	18° 7	0♍ 4	11° 4	16°21	12°54	4°35	13° 0	10°12	15°56	15°13	21° 7	n.a.	S 11
M12	22 13 17	1°28'41	10♎46	17°45	1°19	11°16	16°29	12°50	4°36	13° 1	10°12	15°44	15°10	21°13	n.a.	M12
T 13	22 17 14	2°28'52	22°38	17°13	2°35	11°29	16°37	12°45	4°37	13° 2	10°11	15°35	15° 7	21°20	n.a.	T 13
W14	22 21 10	3°29'05	4♏35	16°31	3°50	11°43	16°45	12°40	4°37	13° 3	10°11	15°29	15° 3	21°27	n.a.	W14
T 15	22 25 7	4°29'20	16°42	15°41	5° 6	11°57	16°53	12°35	4°38	13° 3	10°11	15°26	15° 0	21°34	n.a.	T 15
F 16	22 29 3	5°29'36	29° 1	14°43	6°21	12°12	17° 2	12°30	4°39	13° 4	10°10	15°25	14°57	21°40	n.a.	F 16
S 17	22 33 0	6°29'54	11♐39	13°36	7°37	12°28	17°10	12°25	4°39	13° 4	10°10	15°25	14°54	21°47	n.a.	S 17
S 18	22 36 56	7°30'14	24°41	12°24	8°52	12°44	17°19	12°20	4°40	13° 5	10° 9	15°24	14°51	21°54	n.a.	S 18
M19	22 40 53	8°30'35	8♑10	11° 8	10° 8	13° 0	17°28	12°15	4°41	13° 6	10° 9	15°23	14°47	22° 0	n.a.	M19
T 20	22 44 49	9°30'58	22° 9	9°49	11°23	13°18	17°37	12°10	4°42	13° 6	10° 8	15°19	14°44	22° 7	n.a.	T 20
W21	22 48 46	10°31'23	6♒38	8°31	12°39	13°35	17°46	12° 6	4°43	13° 6	10° 8	15°13	14°41	22°14	n.a.	W21
T 22	22 52 42	11°31'49	21°33	7°16	13°54	13°54	17°55	12° 1	4°44	13° 7	10° 7	15° 3	14°38	22°21	n.a.	T 22
F 23	22 56 39	12°32'17	6♓47	6° 6	15°10	14°12	18° 4	11°56	4°45	13° 7	10° 7	14°52	14°35	22°27	n.a.	F 23
S 24	23 0 36	13°32'46	22° 9	5° 4	16°25	14°32	18°14	11°51	4°46	13° 8	10° 6	14°41	14°32	22°34	n.a.	S 24
S 25	23 4 32	14°33'18	7♈27	4°10	17°41	14°51	18°23	11°46	4°47	13° 8	10° 6	14°30	14°28	22°41	n.a.	S 25
M26	23 8 29	15°33'51	22°30	3°27	18°57	15°12	18°33	11°41	4°49	13° 8	10° 5	14°21	14°25	22°47	n.a.	M26
T 27	23 12 25	16°34'26	7♉10	2°56	20°12	15°32	18°43	11°36	4°50	13° 8	10° 4	14°15	14°22	22°54	n.a.	T 27
W28	23 16 22	17°35'03	21°22	2°36	21°28	15°53	18°53	11°31	4°51	13° 9	10° 4	14°11	14°19	23° 1	n.a.	W28
T 29	23 20 18	18°35'43	5♊ 5	2°D28	22°43	16°15	19° 3	11°26	4°53	13° 9	10° 3	14°10	14°16	23° 8	n.a.	T 29
F 30	23 24 15	19♍36'24	18♊21	2♍32	23♍59	16♑37	19♏13	11♓21	4♐54	13♊ 9	10♉ 2	14♊10	14♊13	23♍14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n57	17n41	1s53	3n18	2s56	17n15	1n25	28s32	4s59	16s38	0n 6	9s13	2s53	21s40	0s11	22n12	0s36	10n 7	5s21	23n18	23n 9	8n44		n.a.
F 2	14 38	21 27	0 45	2 56	3 1	16 51	1 24	28 28	4 55	16 40	0 6	9 14	2 54	21 40	0 11	22 12	0 36	10 6	5 21	23 18	23 9	8 42		n.a.
S 3	14 18	24 3	0n24	2 37	3 5	16 27	1 24	28 23	4 51	16 42	0 5	9 16	2 54	21 40	0 11	22 13	0 36	10 6	5 21	23 18	23 8	8 39		n.a.
S 4	13 58	25 21	1 30	2 20	3 8	16 2	1 24	28 19	4 47	16 44	0 5	9 18	2 54	21 40	0 11	22 13	0 36	10 6	5 22	23 18	23 8	8 36		n.a.
M 5	13 38	25 20	2 30	2 6	3 11	15 36	1 24	28 14	4 43	16 46	0 5	9 20	2 54	21 40	0 11	22 13	0 36	10 6	5 22	23 17	23 8	8 33		n.a.
T 6	13 17	24 5	3 23	1 54	3 13	15 11	1 23	28 9	4 39	16 48	0 5	9 22	2 54	21 40	0 11	22 13	0 36	10 6	5 22	23 17	23 7	8 31		n.a.
W 7	12 57	21 42	4 5	1 47	3 15	14 44	1 23	28 5	4 35	16 51	0 5	9 24	2 54	21 40	0 11	22 13	0 36	10 6	5 22	23 16	23 7	8 28		n.a.
T 8	12 36	18 24	4 36	1 42	3 15	14 18	1 22	28 0	4 30	16 53	0 5	9 26	2 54	21 40	0 11	22 13	0 36	10 6	5 22	23 14	23 6	8 25		n.a.
F 9	12 15	14 22	4 55	1 42	3 14	13 51	1 22	27 55	4 27	16 55	0 5	9 28	2 54	21 41	0 11	22 13	0 36	10 6	5 22	23 13	23 6	8 22		n.a.
S 10	11 53	9 48	5 0	1 46	3 11	13 23	1 21	27 50	4 23	16 58	0 4	9 30	2 55	21 41	0 11	22 13	0 36	10 5	5 22	23 12	23 6	8 19		n.a.
S 11	11 32	4 54	4 53	1 55	3 7	12 56	1 20	27 45	4 19	17 0	0 4	9 32	2 55	21 41	0 11	22 13	0 36	10 5	5 22	23 10	23 5	8 17		n.a.
M12	11 10	0s11	4 33	2 9	3 2	12 28	1 20	27 40	4 15	17 2	0 4	9 33	2 55	21 41	0 11	22 13	0 36	10 5	5 22	23 9	23 5	8 14		n.a.
T 13	10 48	5 16	4 1	2 29	2 55	11 59	1 19	27 35	4 11	17 5	0 4	9 35	2 55	21 41	0 11	22 14	0 36	10 5	5 22	23 8	23 5	8 11		n.a.
W14	10 26	10 13	3 18	2 53	2 46	11 30	1 18	27 30	4 7	17 7	0 4	9 37	2 55	21 41	0 11	22 14	0 36	10 5	5 22	23 7	23 4	8 8		n.a.
T 15	10 4	14 51	2 26	3 23	2 35	11 1	1 17	27 25	4 3	17 10	0 4	9 39	2 55	21 41	0 11	22 14	0 36	10 5	5 22	23 7	23 4	8 5		n.a.
F 16	9 41	18 58	1 26	3 58	2 22	10 32	1 16	27 20	3 59	17 12	0 4	9 41	2 55	21 41	0 11	22 14	0 36	10 4	5 22	23 7	23 4	8 3		n.a.
S 17	9 18	22 19	0 20	4 37	2 7	10 2	1 15	27 14	3 55	17 15	0 3	9 43	2 55	21 41	0 11	22 14	0 36	10 4	5 22	23 7	23 3	8 0		n.a.
S 18	8 56	24 38	0s49	5 21	1 51	9 33	1 14	27 9	3 52	17 18	0 3	9 45	2 55	21 42	0 11	22 14	0 36	10 4	5 22	23 7	23 3	7 57		n.a.
M19	8 33	25 37	1 57	6 7	1 33	9 2	1 13	27 4	3 48	17 20	0 3	9 47	2 55	21 42	0 11	22 14	0 36	10 4	5 22	23 7	23 2	7 54		n.a.
T 20	8 10	25 2	3 1	6 55	1 13	8 32	1 11	26 58	3 44	17 23	0 3	9 49	2 55	21 42	0 11	22 14	0 36	10 4	5 23	23 6	23 2	7 51		n.a.
W21	7 46	22 47	3 55	7 43	0 53	8 1	1 10	26 53	3 41	17 26	0 3	9 51	2 55	21 42	0 11	22 14	0 36	10 3	5 23	23 5	23 2	7 49		n.a.
T 22	7 23	18 56	4 35	8 31	0 33	7 31	1 9	26 47	3 37	17 29	0 3	9 53	2 55	21 42	0 11	22 14	0 36	10 3	5 23	23 4	23 1	7 46		n.a.
F 23	6 59	13 47	4 57	9 16	0 12	6 59	1 7	26 42	3 34	17 31	0 3	9 55	2 55	21 42	0 11	22 14	0 36	10 3	5 23	23 3	23 1	7 43		n.a.
S 24	6 36	7 43	4 57	9 58	0n 8	6 28	1 6	26 36	3 30	17 34	0 2	9 57	2 55	21 43	0 11	22 14	0 36	10 3	5 23	23 2	23 1	7 40		n.a.
S 25	6 12	1 12	4 36	10 36	0 27	5 57	1 4	26 30	3 27	17 37	0 2	9 59	2 55	21 43	0 11	22 14	0 36	10 3	5 23	23 0	23 0	7 37		n.a.
M26	5 48	5n17	3 57	11 8	0 45	5 25	1 3	26 24	3 23	17 40	0 2	10 1	2 55	21 43	0 11	22 14	0 36	10 2	5 23	22 59	23 0	7 34		n.a.
T 27	5 24	11 19	3 2	11 35	1 2	4 54	1 1	26 18	3 20	17 43	0 2	10 3	2 55	21 43	0 11	22 14	0 36	10 2	5 23	22 59	23 0	7 32		n.a.
W28	5 0	16 35	1 57	11 56	1 16	4 22	1 0	26 13	3 16	17 46	0 2	10 5	2 55	21 44	0 11	22 14	0 36	10 2	5 23	22 58	22 59	7 29		n.a.
T 29	4 36	20 48	0 48	12 11	1 29	3 50	0 58	26 7	3 13	17 49	0 2	10 6	2 55	21 44	0 11	22 14	0 36	10 1	5 23	22 58	22 59	7 26		n.a.
F 30	4n12	23n46	0n22	12n21	1n41	3n18	0n56	26s 0	3s10	17s52	0n 2	10s 8	2s55	21s44	0s11	22n14	0s36	10n 1	5s23	22n58	22n58	7n23		n.a.

Julian Day Number = 977286.5, Delta T = 13h18m06s
Ecliptic obliquity = 23°55'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'35, Lahiri = -32°02'34 Julian Calendar 1 Sept. 2038 BCE == Greg. Calendar 15 Aug. 2038 BCE

The year -2037 astronomical counting style corresponds to year 2038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

OCTOBER 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 28 11	20♍37'07	1♋14	2♍46	25♍14	16♉59	19♏23	11°R16	4♐55	13♊ 9	10°R 2	14°R10	14♊ 9	23♍21	n.a.	S 1
S 2	23 32 8	21°37'52	13°47	3°10	26°30	17°22	19°34	11♓12	4°57	13° 9	10♉ 1	14♊ 8	14° 6	23°28	n.a.	S 2
M 3	23 36 5	22°38'39	26° 6	3°43	27°45	17°45	19°44	11° 7	4°58	13°R 9	10° 0	14° 4	14° 3	23°35	n.a.	M 3
T 4	23 40 1	23°39'28	8♌13	4°24	29° 1	18° 9	19°55	11° 2	5° 0	13° 9	9°59	13°57	14° 0	23°41	n.a.	T 4
W 5	23 43 58	24°40'18	20°14	5°12	0♎16	18°33	20° 5	10°57	5° 2	13° 9	9°59	13°47	13°57	23°48	n.a.	W 5
T 6	23 47 54	25°41'10	2♍ 9	6° 7	1°32	18°57	20°16	10°53	5° 3	13° 9	9°58	13°34	13°53	23°55	n.a.	T 6
F 7	23 51 51	26°42'03	14° 3	7° 7	2°47	19°22	20°27	10°48	5° 5	13° 9	9°57	13°20	13°50	24° 1	n.a.	F 7
S 8	23 55 47	27°42'58	25°55	8°13	4° 3	19°47	20°38	10°43	5° 7	13° 9	9°56	13° 6	13°47	24° 8	n.a.	S 8
S 9	23 59 44	28°43'55	7♎47	9°22	5°19	20°12	20°49	10°39	5° 9	13° 9	9°55	12°51	13°44	24°15	n.a.	S 9
M10	0 3 40	29°44'52	19°40	10°36	6°34	20°38	21° 0	10°34	5°11	13° 8	9°54	12°39	13°41	24°22	n.a.	M10
T 11	0 7 37	0♎45'51	1♏37	11°52	7°50	21° 4	21°12	10°30	5°13	13° 8	9°53	12°30	13°38	24°28	n.a.	T 11
W12	0 11 34	1°46'51	13°39	13°11	9° 5	21°30	21°23	10°25	5°15	13° 8	9°52	12°23	13°34	24°35	n.a.	W12
T 13	0 15 30	2°47'52	25°49	14°32	10°21	21°57	21°34	10°21	5°17	13° 7	9°52	12°19	13°31	24°42	n.a.	T 13
F 14	0 19 27	3°48'54	8♐10	15°55	11°36	22°24	21°46	10°17	5°19	13° 7	9°51	12°D18	13°28	24°48	n.a.	F 14
S 15	0 23 23	4°49'58	20°47	17°20	12°52	22°52	21°58	10°12	5°21	13° 7	9°50	12°18	13°25	24°55	n.a.	S 15
S 16	0 27 20	5°51'02	3♑43	18°46	14° 7	23°19	22° 9	10° 8	5°23	13° 6	9°49	12°R18	13°22	25° 2	n.a.	S 16
M17	0 31 16	6°52'06	17° 3	20°13	15°23	23°47	22°21	10° 4	5°25	13° 6	9°48	12°18	13°18	25° 9	n.a.	M17
T 18	0 35 13	7°53'12	0♒50	21°41	16°38	24°15	22°33	10° 0	5°27	13° 5	9°47	12°16	13°15	25°15	n.a.	T 18
W19	0 39 9	8°54'19	15° 6	23°10	17°53	24°44	22°45	9°56	5°30	13° 5	9°46	12°11	13°12	25°22	n.a.	W19
T 20	0 43 6	9°55'26	29°48	24°40	19° 9	25°12	22°57	9°52	5°32	13° 4	9°45	12° 4	13° 9	25°29	n.a.	T 20
F 21	0 47 3	10°56'33	14♓51	26°10	20°24	25°41	23° 9	9°48	5°34	13° 4	9°44	11°55	13° 6	25°36	n.a.	F 21
S 22	0 50 59	11°57'42	0♈ 7	27°41	21°40	26°10	23°22	9°44	5°37	13° 3	9°43	11°45	13° 3	25°42	n.a.	S 22
S 23	0 54 56	12°58'51	15°26	29°12	22°55	26°40	23°34	9°41	5°39	13° 3	9°41	11°36	12°59	25°49	n.a.	S 23
M24	0 58 52	14° 0'01	0♉34	0♎44	24°10	27° 9	23°46	9°37	5°41	13° 2	9°40	11°29	12°56	25°56	n.a.	M24
T 25	1 2 49	15° 1'12	15°24	2°15	25°26	27°39	23°59	9°33	5°44	13° 1	9°39	11°23	12°53	26° 2	n.a.	T 25
W26	1 6 45	16° 2'25	29°48	3°47	26°41	28° 9	24°11	9°30	5°46	13° 0	9°38	11°21	12°50	26° 9	n.a.	W26
T 27	1 10 42	17° 3'38	13♊43	5°20	27°57	28°40	24°24	9°27	5°49	13° 0	9°37	11°D20	12°47	26°16	n.a.	T 27
F 28	1 14 38	18° 4'52	27° 8	6°52	29°12	29°10	24°36	9°23	5°52	12°59	9°36	11°21	12°44	26°23	n.a.	F 28
S 29	1 18 35	19° 6'07	10♋ 7	8°25	0♏27	29°41	24°49	9°20	5°54	12°58	9°35	11°22	12°40	26°29	n.a.	S 29
S 30	1 22 32	20° 7'23	22°44	9°57	1°43	0♒12	25° 2	9°17	5°57	12°57	9°34	11°R22	12°37	26°36	n.a.	S 30
M31	1 26 28	21♎ 8'40	5♌ 3	11♎30	2♏58	0♒43	25♏15	9♓14	6♐ 0	12♊56	9♉33	11♊21	12♊34	26♍43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n47	25n24	1n29	12n25	1n51	2n46	0n54	25s54	3s 6	17s54	0n 2	10s10	2s55	21s44	0s11	22n14	0s36	10n 1	5s23	22n58	22n58	7n20		n.a.
S 2	3 23	25 41	2 30	12 23	1 59	2 13	0 53	25 48	3 3	17 57	0 1	10 12	2 55	21 45	0 11	22 14	0 36	10 1	5 23	22 58	22 58	7 17		n.a.
M 3	2 59	24 40	3 22	12 17	2 5	1 41	0 51	25 42	3 0	18 1	0 1	10 14	2 55	21 45	0 11	22 14	0 36	10 0	5 23	22 57	22 57	7 15		n.a.
T 4	2 34	22 30	4 4	12 7	2 10	1 9	0 49	25 35	2 57	18 4	0 1	10 16	2 55	21 45	0 11	22 14	0 37	10 0	5 23	22 57	22 57	7 12		n.a.
W 5	2 10	19 23	4 35	11 52	2 14	0 36	0 47	25 29	2 54	18 7	0 1	10 17	2 55	21 46	0 11	22 14	0 37	10 0	5 23	22 55	22 56	7 9		n.a.
T 6	1 45	15 28	4 54	11 33	2 16	0 4	0 45	25 22	2 51	18 10	0 1	10 19	2 55	21 46	0 11	22 14	0 37	10 0	5 23	22 54	22 56	7 6		n.a.
F 7	1 20	11 0	5 0	11 12	2 18	0s29	0 43	25 16	2 48	18 13	0 1	10 21	2 55	21 46	0 11	22 14	0 37	9 59	5 23	22 52	22 56	7 3		n.a.
S 8	0 56	6 7	4 52	10 47	2 18	1 1	0 41	25 9	2 45	18 16	0 1	10 23	2 54	21 47	0 11	22 14	0 37	9 59	5 23	22 50	22 55	7 0		n.a.
S 9	0 31	1 1	4 33	10 20	2 18	1 34	0 39	25 2	2 42	18 19	0 1	10 24	2 54	21 47	0 11	22 14	0 37	9 59	5 23	22 48	22 55	6 57		n.a.
M10	0 6	4s 9	4 1	9 51	2 17	2 6	0 37	24 55	2 39	18 22	0 0	10 26	2 54	21 47	0 11	22 14	0 37	9 58	5 23	22 47	22 55	6 54		n.a.
T 11	0s19	9 12	3 18	9 19	2 15	2 38	0 35	24 48	2 36	18 25	0 0	10 28	2 54	21 48	0 11	22 14	0 37	9 58	5 23	22 45	22 54	6 52		n.a.
W12	0 43	13 57	2 26	8 46	2 12	3 11	0 32	24 41	2 33	18 28	0 0	10 29	2 54	21 48	0 11	22 14	0 37	9 58	5 24	22 45	22 54	6 49		n.a.
T 13	1 8	18 12	1 26	8 11	2 9	3 43	0 30	24 34	2 30	18 32	0 0	10 31	2 54	21 48	0 11	22 14	0 37	9 57	5 24	22 44	22 53	6 46		n.a.
F 14	1 33	21 45	0 22	7 35	2 5	4 15	0 28	24 27	2 27	18 35	0s 0	10 32	2 54	21 49	0 11	22 14	0 37	9 57	5 24	22 44	22 53	6 43		n.a.
S 15	1 57	24 21	0s45	6 57	2 1	4 47	0 26	24 19	2 25	18 38	0 0	10 34	2 54	21 49	0 11	22 14	0 37	9 57	5 24	22 44	22 53	6 40		n.a.
S 16	2 22	25 44	1 51	6 19	1 56	5 19	0 23	24 12	2 22	18 41	0 0	10 35	2 53	21 49	0 11	22 14	0 37	9 56	5 24	22 44	22 52	6 37		n.a.
M17	2 47	25 41	2 54	5 39	1 52	5 51	0 21	24 4	2 19	18 44	0 0	10 37	2 53	21 50	0 11	22 14	0 37	9 56	5 24	22 44	22 52	6 34		n.a.
T 18	3 11	24 5	3 48	4 59	1 46	6 23	0 19	23 57	2 17	18 48	0 1	10 38	2 53	21 50	0 11	22 14	0 37	9 56	5 24	22 44	22 51	6 31		n.a.
W19	3 36	20 56	4 31	4 18	1 41	6 54	0 16	23 49	2 14	18 51	0 1	10 40	2 53	21 51	0 11	22 14	0 37	9 55	5 24	22 43	22 51	6 29		n.a.
T 20	4 1	16 23	4 57	3 37	1 35	7 26	0 14	23 41	2 11	18 54	0 1	10 41	2 53	21 51	0 11	22 14	0 37	9 55	5 24	22 42	22 51	6 26		n.a.
F 21	4 25	10 44	5 3	2 55	1 29	7 57	0 12	23 33	2 9	18 57	0 1	10 42	2 53	21 52	0 11	22 14	0 37	9 55	5 24	22 41	22 50	6 23		n.a.
S 22	4 49	4 21	4 48	2 13	1 23	8 28	0 9	23 25	2 6	19 1	0 1	10 44	2 52	21 52	0 11	22 13	0 37	9 54	5 24	22 39	22 50	6 20		n.a.
S 23	5 14	2n19	4 13	1 30	1 17	8 59	0 7	23 17	2 4	19 4	0 1	10 45	2 52	21 52	0 11	22 13	0 37	9 54	5 24	22 38	22 49	6 17		n.a.
M24	5 38	8 47	3 20	0 47	1 11	9 29	0 5	23 8	2 1	19 7	0 1	10 46	2 52	21 53	0 11	22 13	0 37	9 54	5 24	22 37	22 49	6 14		n.a.
T 25	6 2	14 39	2 14	0 4	1 4	10 0	0 2	23 0	1 59	19 10	0 1	10 47	2 52	21 53	0 11	22 13	0 37	9 53	5 24	22 36	22 48	6 11		n.a.
W26	6 26	19 31	1 1	0s39	0 58	10 30	0s 0	22 51	1 57	19 14	0 2	10 48	2 52	21 54	0 11	22 13	0 37	9 53	5 24	22 36	22 48	6 8		n.a.
T 27	6 50	23 7	0n13	1 23	0 51	11 0	0 3	22 43	1 54	19 17	0 2	10 50	2 51	21 54	0 11	22 13	0 37	9 53	5 24	22 36	22 48	6 5		n.a.
F 28	7 14	25 18	1 24	2 6	0 45	11 29	0 5	22 34	1 52	19 20	0 2	10 51	2 51	21 55	0 11	22 13	0 37	9 52	5 24	22 36	22 47	6 2		n.a.
S 29	7 38	26 0	2 28	2 49	0 38	11 59	0 7	22 25	1 50	19 23	0 2	10 52	2 51	21 55	0 11	22 13	0 37	9 52	5 24	22 36	22 47	5 59		n.a.
S 30	8 1	25 19	3 24	3 33	0 31	12 28	0 10	22 16	1 47	19 27	0 2	10 53	2 51	21 56	0 11	22 13	0 37	9 52	5 24	22 36	22 46	5 57		n.a.
M31	8s25	23n24	4n 8	4s16	0n25	12s57	0s12	22s 7	1s45	19s30	0s 2	10s54	2s51	21s56	0s11	22n13	0s37	9n51	5s24	22n36	22n46	5n54		n.a.

Julian Day Number = 977316.5, Delta T = 13h18m04s
Ecliptic obliquity = 23°55'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'30, Lahiri = -32°02'30 Julian Calendar 1 Oct. 2038 BCE == Greg. Calendar 14 Sept. 2038 BCE

The year -2037 astronomical counting style corresponds to year 2038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

NOVEMBER 2038 BCE (-2037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 30 25	22♎ 9'57	17♌ 8	13♎ 3	4♏13	1♒14	25♏28	9°R11	6♐ 2	12°R55	9°R31	11°R18	12♊31	26♍49	n.a.	T 1
W 2	1 34 21	23°11'16	29° 5	14°36	5°29	1°46	25°41	9♓ 8	6° 5	12♊54	9♉30	11♊12	12°28	26°56	n.a.	W 2
T 3	1 38 18	24°12'35	10♍58	16° 9	6°44	2°17	25°54	9° 5	6° 8	12°53	9°29	11° 5	12°24	27° 3	n.a.	T 3
F 4	1 42 14	25°13'54	22°49	17°43	7°59	2°49	26° 7	9° 3	6°11	12°52	9°28	10°56	12°21	27°10	n.a.	F 4
S 5	1 46 11	26°15'14	4♎41	19°16	9°15	3°21	26°20	9° 0	6°14	12°51	9°27	10°46	12°18	27°16	n.a.	S 5
S 6	1 50 8	27°16'35	16°36	20°50	10°30	3°53	26°33	8°58	6°17	12°50	9°26	10°37	12°15	27°23	n.a.	S 6
M 7	1 54 4	28°17'55	28°36	22°24	11°45	4°25	26°46	8°55	6°19	12°49	9°24	10°30	12°12	27°30	n.a.	M 7
T 8	1 58 1	29°19'16	10♏42	23°58	13° 0	4°58	27° 0	8°53	6°22	12°48	9°23	10°24	12° 9	27°36	n.a.	T 8
W 9	2 1 57	0♏20'38	22°55	25°32	14°16	5°31	27°13	8°51	6°25	12°47	9°22	10°20	12° 5	27°43	n.a.	W 9
T 10	2 5 54	1°21'59	5♐17	27° 7	15°31	6° 3	27°26	8°49	6°28	12°46	9°21	10°D18	12° 2	27°50	n.a.	T 10
F 11	2 9 50	2°23'20	17°50	28°41	16°46	6°36	27°40	8°47	6°31	12°45	9°20	10°18	11°59	27°57	n.a.	F 11
S 12	2 13 47	3°24'42	0♑36	0♏16	18° 1	7° 9	27°53	8°45	6°35	12°44	9°18	10°20	11°56	28° 3	n.a.	S 12
S 13	2 17 43	4°26'03	13°37	1°51	19°16	7°43	28° 7	8°44	6°38	12°42	9°17	10°21	11°53	28°10	n.a.	S 13
M14	2 21 40	5°27'24	26°56	3°27	20°32	8°16	28°20	8°42	6°41	12°41	9°16	10°23	11°50	28°17	n.a.	M14
T 15	2 25 37	6°28'44	10♒36	5° 2	21°47	8°49	28°34	8°41	6°44	12°40	9°15	10°R23	11°46	28°24	n.a.	T 15
W16	2 29 33	7°30'04	24°38	6°38	23° 2	9°23	28°48	8°39	6°47	12°38	9°13	10°22	11°43	28°30	n.a.	W16
T 17	2 33 30	8°31'24	9♓ 0	8°15	24°17	9°57	29° 1	8°38	6°50	12°37	9°12	10°19	11°40	28°37	n.a.	T 17
F 18	2 37 26	9°32'43	23°41	9°51	25°32	10°30	29°15	8°37	6°53	12°36	9°11	10°15	11°37	28°44	n.a.	F 18
S 19	2 41 23	10°34'01	8♈34	11°28	26°47	11° 4	29°29	8°36	6°57	12°34	9°10	10°11	11°34	28°50	n.a.	S 19
S 20	2 45 19	11°35'20	23°33	13° 6	28° 2	11°38	29°43	8°35	7° 0	12°33	9° 9	10° 6	11°30	28°57	n.a.	S 20
M21	2 49 16	12°36'37	8♉27	14°43	29°17	12°13	29°56	8°34	7° 3	12°32	9° 7	10° 3	11°27	29° 4	n.a.	M21
T 22	2 53 13	13°37'55	23°10	16°21	0♐32	12°47	0♐10	8°33	7° 6	12°30	9° 6	10° 0	11°24	29°11	n.a.	T 22
W23	2 57 9	14°39'12	7♊33	18° 0	1°47	13°21	0°24	8°33	7°10	12°29	9° 5	10°D 0	11°21	29°17	n.a.	W23
T 24	3 1 6	15°40'29	21°32	19°39	3° 2	13°56	0°38	8°32	7°13	12°27	9° 4	10° 0	11°18	29°24	n.a.	T 24
F 25	3 5 2	16°41'46	5♋ 5	21°18	4°17	14°30	0°52	8°32	7°16	12°26	9° 2	10° 1	11°15	29°31	n.a.	F 25
S 26	3 8 59	17°43'02	18°13	22°57	5°32	15° 5	1° 6	8°32	7°20	12°24	9° 1	10° 3	11°11	29°37	n.a.	S 26
S 27	3 12 55	18°44'18	0♌57	24°37	6°47	15°40	1°20	8°32	7°23	12°23	9° 0	10° 4	11° 8	29°44	n.a.	S 27
M28	3 16 52	19°45'34	13°21	26°18	8° 2	16°14	1°34	8°D32	7°26	12°21	8°59	10° 5	11° 5	29°51	n.a.	M28
T 29	3 20 49	20°46'50	25°30	27°58	9°17	16°49	1°48	8°32	7°30	12°20	8°58	10°R 5	11° 2	29°58	n.a.	T 29
W30	3 24 45	21♏48'05	7♍28	29♏39	10♐32	17♒24	2♐ 2	8♓32	7♐33	12♊18	8♉56	10♊ 4	10♊59	0♎ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s48	20n27	4n41	4 s59	0n18	13 s25	0 s15	21 s58	1 s43	19 s33	0 s 2	10 s55	2 s50	21 s57	0 s11	22n12	0 s37	9n51	5 s24	22n36	22n46	5n51		n.a.
W 2	9 11	16 42	5 0	5 42	0 11	13 53	0 17	21 48	1 41	19 37	0 2	10 55	2 50	21 57	0 11	22 12	0 37	9 51	5 24	22 35	22 45	5 48		n.a.
T 3	9 34	12 19	5 7	6 25	0 4	14 21	0 20	21 39	1 39	19 40	0 2	10 56	2 50	21 58	0 11	22 12	0 37	9 50	5 24	22 34	22 45	5 45		n.a.
F 4	9 57	7 30	5 1	7 7	0 s 2	14 48	0 22	21 29	1 36	19 43	0 3	10 57	2 50	21 58	0 11	22 12	0 37	9 50	5 24	22 32	22 44	5 42		n.a.
S 5	10 20	2 23	4 41	7 50	0 9	15 15	0 24	21 20	1 34	19 46	0 3	10 58	2 49	21 59	0 11	22 12	0 37	9 50	5 24	22 31	22 44	5 39		n.a.
S 6	10 43	2 s50	4 9	8 32	0 15	15 42	0 27	21 10	1 32	19 50	0 3	10 59	2 49	21 59	0 11	22 12	0 37	9 49	5 24	22 30	22 43	5 36		n.a.
M 7	11 5	7 59	3 26	9 13	0 22	16 8	0 29	21 0	1 30	19 53	0 3	10 59	2 49	22 0	0 11	22 12	0 37	9 49	5 24	22 29	22 43	5 33		n.a.
T 8	11 27	12 54	2 34	9 55	0 28	16 34	0 31	20 50	1 28	19 56	0 3	11 0	2 49	22 0	0 11	22 11	0 37	9 49	5 23	22 28	22 43	5 30		n.a.
W 9	11 49	17 23	1 33	10 36	0 34	16 59	0 34	20 40	1 26	19 59	0 3	11 0	2 48	22 1	0 11	22 11	0 37	9 48	5 23	22 27	22 42	5 27		n.a.
T 10	12 11	21 10	0 27	11 17	0 40	17 24	0 36	20 30	1 24	20 3	0 3	11 1	2 48	22 1	0 11	22 11	0 37	9 48	5 23	22 27	22 42	5 24		n.a.
F 11	12 33	24 2	0 s41	11 57	0 46	17 48	0 38	20 20	1 22	20 6	0 3	11 1	2 48	22 2	0 11	22 11	0 37	9 47	5 23	22 27	22 41	5 21		n.a.
S 12	12 54	25 44	1 48	12 37	0 52	18 12	0 41	20 9	1 20	20 9	0 3	11 2	2 48	22 2	0 11	22 11	0 37	9 47	5 23	22 27	22 41	5 18		n.a.
S 13	13 16	26 4	2 52	13 16	0 58	18 35	0 43	19 59	1 18	20 12	0 4	11 2	2 47	22 3	0 11	22 11	0 37	9 47	5 23	22 27	22 40	5 15		n.a.
M14	13 36	24 54	3 47	13 55	1 3	18 58	0 45	19 48	1 17	20 15	0 4	11 3	2 47	22 3	0 11	22 11	0 37	9 46	5 23	22 28	22 40	5 12		n.a.
T 15	13 57	22 16	4 31	14 33	1 9	19 20	0 47	19 37	1 15	20 19	0 4	11 3	2 47	22 4	0 11	22 10	0 37	9 46	5 23	22 28	22 40	5 10		n.a.
W16	14 18	18 17	5 1	15 10	1 14	19 42	0 49	19 26	1 13	20 22	0 4	11 3	2 47	22 4	0 11	22 10	0 37	9 46	5 23	22 27	22 39	5 7		n.a.
T 17	14 38	13 9	5 12	15 47	1 19	20 4	0 52	19 15	1 11	20 25	0 4	11 3	2 46	22 5	0 11	22 10	0 37	9 45	5 23	22 27	22 39	5 4		n.a.
F 18	14 58	7 11	5 4	16 24	1 24	20 24	0 54	19 4	1 9	20 28	0 4	11 4	2 46	22 6	0 11	22 10	0 37	9 45	5 23	22 27	22 38	5 1		n.a.
S 19	15 18	0 44	4 35	16 59	1 29	20 44	0 56	18 53	1 8	20 31	0 4	11 4	2 46	22 6	0 11	22 10	0 37	9 45	5 23	22 26	22 38	4 58		n.a.
S 20	15 37	5n49	3 47	17 34	1 33	21 4	0 58	18 42	1 6	20 34	0 4	11 4	2 45	22 7	0 11	22 9	0 37	9 44	5 23	22 25	22 37	4 55		n.a.
M21	15 56	12 1	2 44	18 8	1 37	21 23	1 0	18 30	1 4	20 38	0 5	11 4	2 45	22 7	0 11	22 9	0 37	9 44	5 23	22 25	22 37	4 52		n.a.
T 22	16 15	17 29	1 31	18 41	1 41	21 41	1 2	18 19	1 2	20 41	0 5	11 4	2 45	22 8	0 11	22 9	0 37	9 44	5 23	22 24	22 36	4 49		n.a.
W23	16 34	21 48	0 13	19 13	1 45	21 59	1 4	18 7	1 1	20 44	0 5	11 4	2 45	22 8	0 11	22 9	0 37	9 43	5 23	22 24	22 36	4 46		n.a.
T 24	16 52	24 42	1n 3	19 44	1 48	22 16	1 6	17 56	0 59	20 47	0 5	11 4	2 44	22 9	0 11	22 9	0 37	9 43	5 23	22 24	22 36	4 43		n.a.
F 25	17 10	26 3	2 14	20 15	1 51	22 32	1 7	17 44	0 57	20 50	0 5	11 4	2 44	22 9	0 11	22 9	0 37	9 43	5 23	22 24	22 35	4 40		n.a.
S 26	17 28	25 53	3 15	20 44	1 54	22 48	1 9	17 32	0 56	20 53	0 5	11 3	2 44	22 10	0 12	22 8	0 37	9 42	5 23	22 25	22 35	4 37		n.a.
S 27	17 45	24 20	4 5	21 12	1 57	23 3	1 11	17 20	0 54	20 56	0 5	11 3	2 43	22 11	0 12	22 8	0 37	9 42	5 22	22 25	22 34	4 34		n.a.
M28	18 2	21 39	4 42	21 38	1 59	23 17	1 13	17 8	0 53	20 59	0 5	11 3	2 43	22 11	0 12	22 8	0 37	9 42	5 22	22 25	22 34	4 31		n.a.
T 29	18 19	18 3	5 5	22 4	2 0	23 31	1 14	16 55	0 51	21 2	0 5	11 3	2 43	22 12	0 12	22 8	0 37	9 41	5 22	22 25	22 33	4 28		n.a.
W30	18 s35	13n48	5n15	22 s28	2 s 2	23 s44	1 s16	16 s43	0 s50	21 s 5	0 s 6	11 s 2	2 s43	22 s12	0 s12	22n 8	0 s37	9n41	5 s22	22n25	22n33	4n25		n.a.

Julian Day Number = 977347.5, Delta T = 13h18m01s
Ecliptic obliquity = 23°55'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'26, Lahiri = -32°02'26 Julian Calendar 1 Nov. 2038 BCE == Greg. Calendar 15 Oct. 2038 BCE

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ASTRODIENST EPHEMERIS for the year 2038 BCE
geocentric

DECEMBER 2038 BCE (-2037) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 28 42	22♏49'19	19♍20	1♐21	11♐47	17♒59	2♐16	8♓32	7♐37	12°R17	8°R55	10°R 3	10♊55	0♎11	n.a.	T 1
F 2	3 32 38	23°50'33	1♎11	3° 2	13° 2	18°35	2°30	8°33	7°40	12♊15	8♉54	10♊ 0	10°52	0°18	n.a.	F 2
S 3	3 36 35	24°51'46	13° 4	4°43	14°17	19°10	2°44	8°33	7°43	12°14	8°53	9°58	10°49	0°24	n.a.	S 3
S 4	3 40 31	25°52'59	25° 3	6°25	15°31	19°45	2°59	8°34	7°47	12°12	8°52	9°56	10°46	0°31	n.a.	S 4
M 5	3 44 28	26°54'11	7♏10	8° 7	16°46	20°21	3°13	8°35	7°50	12°10	8°51	9°54	10°43	0°38	n.a.	M 5
T 6	3 48 24	27°55'23	19°27	9°48	18° 1	20°56	3°27	8°36	7°54	12° 9	8°49	9°52	10°40	0°45	n.a.	T 6
W 7	3 52 21	28°56'33	1♐55	11°29	19°16	21°32	3°41	8°37	7°57	12° 7	8°48	9°51	10°36	0°51	n.a.	W 7
T 8	3 56 18	29°57'43	14°36	13° 9	20°31	22° 7	3°55	8°38	8° 1	12° 5	8°47	9°D51	10°33	0°58	n.a.	T 8
F 9	4 0 14	0♐58'51	27°29	14°49	21°45	22°43	4° 9	8°39	8° 4	12° 4	8°46	9°52	10°30	1° 5	n.a.	F 9
S 10	4 4 11	1°59'58	10♑36	16°28	23° 0	23°19	4°24	8°41	8° 8	12° 2	8°45	9°52	10°27	1°11	n.a.	S 10
S 11	4 8 7	3° 1'05	23°55	18° 5	24°15	23°54	4°38	8°42	8°11	12° 0	8°44	9°53	10°24	1°18	n.a.	S 11
M12	4 12 4	4° 2'09	7♒28	19°41	25°29	24°30	4°52	8°44	8°15	11°59	8°43	9°54	10°21	1°25	n.a.	M12
T 13	4 16 0	5° 3'12	21°13	21°15	26°44	25° 6	5° 6	8°45	8°18	11°57	8°42	9°54	10°17	1°32	n.a.	T 13
W14	4 19 57	6° 4'14	5♓12	22°47	27°59	25°42	5°20	8°47	8°22	11°55	8°41	9°R54	10°14	1°38	n.a.	W14
T 15	4 23 54	7° 5'14	19°22	24°15	29°13	26°18	5°35	8°49	8°25	11°54	8°39	9°54	10°11	1°45	n.a.	T 15
F 16	4 27 50	8° 6'13	3♈41	25°40	0♑28	26°54	5°49	8°51	8°29	11°52	8°38	9°54	10° 8	1°52	n.a.	F 16
S 17	4 31 47	9° 7'10	18° 8	27° 0	1°42	27°31	6° 3	8°53	8°32	11°50	8°37	9°54	10° 5	1°58	n.a.	S 17
S 18	4 35 43	10° 8'05	2♉36	28°16	2°57	28° 7	6°17	8°56	8°36	11°49	8°36	9°D54	10° 1	2° 5	n.a.	S 18
M19	4 39 40	11° 8'59	17° 3	29°26	4°11	28°43	6°31	8°58	8°39	11°47	8°35	9°54	9°58	2°12	n.a.	M19
T 20	4 43 36	12° 9'51	1♊22	0♑30	5°26	29°19	6°45	9° 1	8°43	11°45	8°34	9°54	9°55	2°19	n.a.	T 20
W21	4 47 33	13°10'42	15°28	1°26	6°40	29°56	7° 0	9° 3	8°46	11°44	8°33	9°R54	9°52	2°25	n.a.	W21
T 22	4 51 30	14°11'32	29°17	2°14	7°54	0♓32	7°14	9° 6	8°50	11°42	8°32	9°54	9°49	2°32	n.a.	T 22
F 23	4 55 26	15°12'20	12♋46	2°54	9° 9	1° 8	7°28	9° 9	8°53	11°40	8°31	9°54	9°46	2°39	n.a.	F 23
S 24	4 59 23	16°13'07	25°54	3°24	10°23	1°45	7°42	9°12	8°57	11°39	8°30	9°53	9°42	2°45	n.a.	S 24
S 25	5 3 19	17°13'52	8♌41	3°45	11°37	2°21	7°56	9°15	9° 0	11°37	8°30	9°52	9°39	2°52	n.a.	S 25
M26	5 7 16	18°14'36	21°10	3°R54	12°52	2°58	8°10	9°18	9° 4	11°35	8°29	9°51	9°36	2°59	n.a.	M26
T 27	5 11 12	19°15'19	3♍23	3°53	14° 6	3°34	8°24	9°21	9° 7	11°34	8°28	9°50	9°33	3° 6	n.a.	T 27
W28	5 15 9	20°16'00	15°24	3°42	15°20	4°11	8°38	9°24	9°11	11°32	8°27	9°D50	9°30	3°12	n.a.	W28
T 29	5 19 5	21°16'40	27°18	3°19	16°34	4°48	8°52	9°28	9°14	11°30	8°26	9°50	9°27	3°19	n.a.	T 29
F 30	5 23 2	22°17'18	9♎ 9	2°47	17°48	5°24	9° 6	9°31	9°18	11°29	8°25	9°50	9°23	3°26	n.a.	F 30
S 31	5 26 59	23♐17'55	21♎ 3	2♑ 5	19♑ 2	6♓ 1	9♐20	9♓35	9♐21	11♊27	8♉24	9♊51	9♊20	3♎32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	18s51	9n 3	5n11	22s51	2s 2	23s56	1s17	16s31	0s48	21s 8	0s 6	11s 2	2s42	22s13	0s12	22n 7	0s37	9n41	5s22	22n25	22n32	4n22			n.a.
F 2	19 7	4 0	4 54	23 12	2 3	24 8	1 19	16 18	0 47	21 11	0 6	11 1	2 42	22 14	0 12	22 7	0 37	9 41	5 22	22 24	22 32	4 19			n.a.
S 3	19 22	1s13	4 24	23 31	2 2	24 19	1 20	16 6	0 45	21 14	0 6	11 1	2 42	22 14	0 12	22 7	0 37	9 40	5 22	22 24	22 31	4 16			n.a.
S 4	19 37	6 26	3 43	23 49	2 2	24 29	1 22	15 53	0 44	21 17	0 6	11 0	2 41	22 15	0 12	22 7	0 37	9 40	5 22	22 24	22 31	4 13			n.a.
M 5	19 52	11 30	2 51	24 5	2 0	24 38	1 23	15 40	0 42	21 20	0 6	11 0	2 41	22 15	0 12	22 7	0 37	9 40	5 22	22 23	22 31	4 10			n.a.
T 6	20 6	16 11	1 51	24 20	1 59	24 47	1 24	15 27	0 41	21 23	0 6	10 59	2 41	22 16	0 12	22 6	0 37	9 39	5 22	22 23	22 30	4 7			n.a.
W 7	20 20	20 15	0 44	24 32	1 56	24 54	1 26	15 14	0 39	21 25	0 6	10 59	2 40	22 16	0 12	22 6	0 37	9 39	5 22	22 23	22 30	4 4			n.a.
T 8	20 33	23 27	0s26	24 42	1 53	25 2	1 27	15 1	0 38	21 28	0 6	10 58	2 40	22 17	0 12	22 6	0 37	9 39	5 21	22 23	22 29	4 1			n.a.
F 9	20 46	25 30	1 36	24 51	1 49	25 8	1 28	14 48	0 37	21 31	0 7	10 57	2 40	22 18	0 12	22 6	0 37	9 39	5 21	22 23	22 29	3 58			n.a.
S 10	20 59	26 11	2 42	24 57	1 44	25 13	1 29	14 35	0 35	21 34	0 7	10 56	2 40	22 18	0 12	22 5	0 37	9 38	5 21	22 23	22 28	3 55			n.a.
S 11	21 11	25 23	3 41	25 1	1 39	25 18	1 30	14 21	0 34	21 37	0 7	10 55	2 39	22 19	0 12	22 5	0 37	9 38	5 21	22 23	22 28	3 52			n.a.
M12	21 23	23 5	4 28	25 3	1 32	25 22	1 31	14 8	0 33	21 39	0 7	10 54	2 39	22 19	0 12	22 5	0 37	9 38	5 21	22 23	22 27	3 49			n.a.
T 13	21 35	19 27	5 1	25 3	1 25	25 25	1 32	13 54	0 31	21 42	0 7	10 54	2 39	22 20	0 12	22 5	0 37	9 38	5 21	22 23	22 27	3 46			n.a.
W14	21 46	14 41	5 16	25 1	1 17	25 27	1 33	13 41	0 30	21 45	0 7	10 53	2 38	22 20	0 12	22 5	0 37	9 37	5 21	22 23	22 26	3 43			n.a.
T 15	21 56	9 4	5 13	24 56	1 8	25 29	1 33	13 27	0 29	21 47	0 7	10 52	2 38	22 21	0 12	22 4	0 37	9 37	5 21	22 23	22 26	3 40			n.a.
F 16	22 6	2 56	4 50	24 49	0 58	25 30	1 34	13 13	0 27	21 50	0 7	10 50	2 38	22 22	0 12	22 4	0 37	9 37	5 21	22 23	22 25	3 37			n.a.
S 17	22 16	3n25	4 9	24 41	0 47	25 30	1 35	13 0	0 26	21 53	0 7	10 49	2 37	22 22	0 12	22 4	0 37	9 37	5 21	22 23	22 25	3 34			n.a.
S 18	22 25	9 37	3 13	24 30	0 35	25 29	1 35	12 46	0 25	21 55	0 8	10 48	2 37	22 23	0 12	22 4	0 36	9 37	5 20	22 23	22 24	3 31			n.a.
M19	22 34	15 18	2 3	24 18	0 22	25 27	1 36	12 32	0 24	21 58	0 8	10 47	2 37	22 23	0 12	22 4	0 36	9 36	5 20	22 23	22 24	3 28			n.a.
T 20	22 43	20 5	0 47	24 4	0 8	25 25	1 36	12 18	0 23	22 1	0 8	10 46	2 37	22 24	0 12	22 3	0 36	9 36	5 20	22 23	22 24	3 25			n.a.
W21	22 51	23 38	0n31	23 49	0n 7	25 22	1 36	12 4	0 21	22 3	0 8	10 45	2 36	22 24	0 12	22 3	0 36	9 36	5 20	22 23	22 23	3 22			n.a.
T 22	22 58	25 41	1 45	23 32	0 22	25 18	1 37	11 49	0 20	22 6	0 8	10 43	2 36	22 25	0 12	22 3	0 36	9 36	5 20	22 23	22 23	3 19			n.a.
F 23	23 5	26 10	2 52	23 15	0 39	25 13	1 37	11 35	0 19	22 8	0 8	10 42	2 36	22 26	0 12	22 3	0 36	9 36	5 20	22 23	22 22	3 16			n.a.
S 24	23 12	25 8	3 48	22 57	0 56	25 7	1 37	11 21	0 18	22 11	0 8	10 41	2 35	22 26	0 12	22 2	0 36	9 35	5 20	22 23	22 22	3 13			n.a.
S 25	23 18	22 48	4 31	22 39	1 14	25 1	1 37	11 6	0 17	22 13	0 8	10 39	2 35	22 27	0 12	22 2	0 36	9 35	5 20	22 23	22 21	3 10			n.a.
M26	23 24	19 27	5 0	22 21	1 31	24 54	1 37	10 52	0 16	22 15	0 9	10 38	2 35	22 27	0 12	22 2	0 36	9 35	5 19	22 23	22 21	3 7			n.a.
T 27	23 29	15 20	5 15	22 3	1 49	24 46	1 37	10 37	0 15	22 18	0 9	10 36	2 35	22 28	0 12	22 2	0 36	9 35	5 19	22 23	22 20	3 4			n.a.
W28	23 34	10 42	5 15	21 45	2 7	24 38	1 37	10 23	0 13	22 20	0 9	10 35	2 34	22 28	0 12	22 2	0 36	9 35	5 19	22 23	22 20	3 1			n.a.
T 29	23 38	5 42	5 2	21 29	2 24	24 28	1 37	10 8	0 12	22 23	0 9	10 33	2 34	22 29	0 12	22 1	0 36	9 35	5 19	22 23	22 19	2 58			n.a.
F 30	23 42	0 31	4 36	21 13	2 41	24 18	1 36	9 54	0 11	22 25	0 9	10 31	2 34	22 29	0 12	22 1	0 36	9 34	5 19	22 23	22 19	2 54			n.a.
S 31	23s45	4s42	3n59	20s58	2n56	24s 8	1s36	9s39	0s10	22s27	0s 9	10s30	2s34	22s30	0s12	22n 1	0s36	9n34	5s19	22n23	22n18	2n51			n.a.

Julian Day Number = 977377.5, Delta T = 13h17m59s
Ecliptic obliquity = 23°55'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'22, Lahiri = -32°02'22 Julian Calendar 1 Dec. 2038 BCE == Greg. Calendar 14 Nov. 2038 BCE

The year -2037 astronomical counting style corresponds to year 2038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

JANUARY 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 30 55	24♐18'30	3♏ 4	1°R15	20♑16	6♓38	9♐34	9♓39	9♐25	11°R25	8°R24	9♊53	9♊17	3♎39	n.a.	S 1
M 2	5 34 52	25°19'04	15°15	0♑19	21°30	7°14	9°48	9°42	9°28	11♊24	8♉23	9°54	9°14	3°46	n.a.	M 2
T 3	5 38 48	26°19'36	27°41	29♐17	22°44	7°51	10° 2	9°46	9°31	11°22	8°22	9°55	9°11	3°53	n.a.	T 3
W 4	5 42 45	27°20'07	10♐23	28°11	23°58	8°28	10°16	9°50	9°35	11°20	8°21	9°R55	9° 7	3°59	n.a.	W 4
T 5	5 46 41	28°20'36	23°22	27° 4	25°12	9° 5	10°30	9°54	9°38	11°19	8°20	9°55	9° 4	4° 6	n.a.	T 5
F 6	5 50 38	29°21'03	6♑39	25°56	26°26	9°42	10°44	9°59	9°41	11°17	8°20	9°53	9° 1	4°13	n.a.	F 6
S 7	5 54 34	0♑21'28	20°11	24°51	27°40	10°19	10°58	10° 3	9°45	11°16	8°19	9°51	8°58	4°19	n.a.	S 7
S 8	5 58 31	1°21'52	3♒58	23°48	28°54	10°56	11°12	10° 7	9°48	11°14	8°18	9°48	8°55	4°26	n.a.	S 8
M 9	6 2 28	2°22'13	17°56	22°49	0♒ 8	11°33	11°25	10°12	9°51	11°12	8°18	9°45	8°52	4°33	n.a.	M 9
T 10	6 6 24	3°22'32	2♓ 1	21°56	1°21	12°10	11°39	10°16	9°55	11°11	8°17	9°42	8°48	4°40	n.a.	T 10
W11	6 10 21	4°22'48	16°11	21°10	2°35	12°47	11°53	10°21	9°58	11° 9	8°16	9°39	8°45	4°46	n.a.	W11
T 12	6 14 17	5°23'03	0♈22	20°30	3°48	13°24	12° 6	10°26	10° 1	11° 8	8°16	9°D38	8°42	4°53	n.a.	T 12
F 13	6 18 14	6°23'14	14°33	19°56	5° 2	14° 1	12°20	10°30	10° 5	11° 6	8°15	9°38	8°39	5° 0	n.a.	F 13
S 14	6 22 10	7°23'24	28°41	19°30	6°16	14°38	12°33	10°35	10° 8	11° 5	8°15	9°40	8°36	5° 6	n.a.	S 14
S 15	6 26 7	8°23'32	12♉44	19°12	7°29	15°15	12°47	10°40	10°11	11° 3	8°14	9°41	8°33	5°13	n.a.	S 15
M16	6 30 3	9°23'37	26°42	19° 0	8°42	15°52	13° 0	10°45	10°14	11° 2	8°14	9°42	8°29	5°20	n.a.	M16
T 17	6 34 0	10°23'40	10♊31	18°D55	9°56	16°29	13°14	10°51	10°17	11° 0	8°13	9°R43	8°26	5°27	n.a.	T 17
W18	6 37 57	11°23'40	24°11	18°56	11° 9	17° 6	13°27	10°56	10°20	10°59	8°13	9°42	8°23	5°33	n.a.	W18
T 19	6 41 53	12°23'39	7♋38	19° 4	12°22	17°44	13°41	11° 1	10°24	10°58	8°12	9°40	8°20	5°40	n.a.	T 19
F 20	6 45 50	13°23'35	20°51	19°18	13°35	18°21	13°54	11° 6	10°27	10°56	8°12	9°36	8°17	5°47	n.a.	F 20
S 21	6 49 46	14°23'29	3♌49	19°37	14°48	18°58	14° 7	11°12	10°30	10°55	8°11	9°30	8°13	5°53	n.a.	S 21
S 22	6 53 43	15°23'22	16°31	20° 1	16° 2	19°35	14°20	11°17	10°33	10°54	8°11	9°24	8°10	6° 0	n.a.	S 22
M23	6 57 39	16°23'12	28°58	20°30	17°15	20°12	14°33	11°23	10°36	10°52	8°11	9°17	8° 7	6° 7	n.a.	M23
T 24	7 1 36	17°23'00	11♍10	21° 4	18°27	20°49	14°47	11°29	10°39	10°51	8°10	9°11	8° 4	6°14	n.a.	T 24
W25	7 5 32	18°22'46	23°12	21°42	19°40	21°27	15° 0	11°34	10°42	10°50	8°10	9° 7	8° 1	6°20	n.a.	W25
T 26	7 9 29	19°22'30	5♎ 6	22°24	20°53	22° 4	15°13	11°40	10°45	10°48	8°10	9° 4	7°58	6°27	n.a.	T 26
F 27	7 13 26	20°22'13	16°58	23°10	22° 6	22°41	15°25	11°46	10°48	10°47	8° 9	9°D 2	7°54	6°34	n.a.	F 27
S 28	7 17 22	21°21'53	28°51	23°59	23°19	23°18	15°38	11°52	10°50	10°46	8° 9	9° 2	7°51	6°40	n.a.	S 28
S 29	7 21 19	22°21'31	10♏51	24°52	24°31	23°56	15°51	11°58	10°53	10°45	8° 9	9° 4	7°48	6°47	n.a.	S 29
M30	7 25 15	23°21'08	23° 3	25°47	25°44	24°33	16° 4	12° 4	10°56	10°44	8° 9	9° 5	7°45	6°54	n.a.	M30
T 31	7 29 12	24♑20'43	5♐32	26♐46	26♒56	25♓10	16♐16	12♓10	10♐59	10♊43	8♉ 8	9°R 6	7♊42	7♎ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23 s48	9 s49	3n10	20 s45	3n10	23 s56	1 s35	9 s24	0 s 9	22 s30	0 s 9	10 s28	2 s33	22 s31	0 s12	22n 1	0 s36	9n34	5 s19	22n23	22n18	2n48		n.a.	S 1
M 2	23 51	14 38	2 12	20 33	3 23	23 44	1 35	9 9	0 8	22 32	0 9	10 26	2 33	22 31	0 12	22 0	0 36	9 34	5 18	22 23	22 17	2 45		n.a.	M 2
T 3	23 53	18 57	1 7	20 22	3 33	23 31	1 34	8 54	0 7	22 34	0 9	10 25	2 33	22 32	0 12	22 0	0 36	9 34	5 18	22 24	22 17	2 42		n.a.	T 3
W 4	23 54	22 30	0 s 2	20 13	3 42	23 17	1 34	8 39	0 6	22 36	0 10	10 23	2 32	22 32	0 12	22 0	0 36	9 34	5 18	22 24	22 16	2 39		n.a.	W 4
T 5	23 55	24 59	1 14	20 6	3 48	23 3	1 33	8 24	0 5	22 38	0 10	10 21	2 32	22 33	0 12	22 0	0 36	9 34	5 18	22 23	22 16	2 36		n.a.	T 5
F 6	23 56	26 7	2 22	20 1	3 51	22 48	1 32	8 9	0 4	22 41	0 10	10 19	2 32	22 33	0 12	22 0	0 36	9 34	5 18	22 23	22 15	2 33		n.a.	F 6
S 7	23 56	25 44	3 24	19 57	3 53	22 32	1 31	7 54	0 3	22 43	0 10	10 17	2 32	22 34	0 12	21 59	0 36	9 34	5 18	22 23	22 15	2 30		n.a.	S 7
S 8	23 55	23 47	4 15	19 55	3 52	22 16	1 30	7 39	0 2	22 45	0 10	10 15	2 31	22 34	0 12	21 59	0 36	9 33	5 17	22 22	22 14	2 27		n.a.	S 8
M 9	23 54	20 23	4 52	19 54	3 50	21 59	1 29	7 24	0 1	22 47	0 10	10 13	2 31	22 35	0 12	21 59	0 36	9 33	5 17	22 22	22 14	2 24		n.a.	M 9
T 10	23 53	15 48	5 11	19 56	3 45	21 42	1 28	7 9	0 0	22 49	0 10	10 11	2 31	22 35	0 12	21 59	0 36	9 33	5 17	22 21	22 13	2 21		n.a.	T 10
W11	23 51	10 20	5 12	19 59	3 39	21 23	1 27	6 53	0n 1	22 51	0 10	10 9	2 31	22 36	0 12	21 59	0 36	9 33	5 17	22 21	22 13	2 18		n.a.	W11
T 12	23 49	4 20	4 54	20 4	3 32	21 5	1 25	6 38	0 2	22 53	0 11	10 7	2 30	22 36	0 12	21 58	0 36	9 33	5 17	22 21	22 12	2 15		n.a.	T 12
F 13	23 46	1n54	4 18	20 10	3 23	20 45	1 24	6 23	0 2	22 55	0 11	10 5	2 30	22 37	0 12	21 58	0 36	9 33	5 17	22 21	22 12	2 12		n.a.	F 13
S 14	23 43	8 1	3 26	20 18	3 13	20 25	1 23	6 7	0 3	22 57	0 11	10 3	2 30	22 37	0 12	21 58	0 36	9 33	5 17	22 21	22 11	2 9		n.a.	S 14
S 15	23 39	13 43	2 22	20 27	3 3	20 5	1 21	5 52	0 4	22 59	0 11	10 1	2 30	22 38	0 12	21 58	0 36	9 33	5 16	22 21	22 11	2 6		n.a.	S 15
M16	23 35	18 40	1 11	20 37	2 51	19 44	1 20	5 36	0 5	23 0	0 11	9 59	2 30	22 38	0 12	21 58	0 36	9 33	5 16	22 22	22 10	2 3		n.a.	M16
T 17	23 31	22 33	0n 4	20 48	2 40	19 22	1 18	5 21	0 6	23 2	0 11	9 57	2 29	22 39	0 12	21 58	0 36	9 33	5 16	22 22	22 10	1 59		n.a.	T 17
W18	23 26	25 6	1 18	21 0	2 28	19 0	1 16	5 5	0 7	23 4	0 11	9 54	2 29	22 39	0 12	21 57	0 36	9 33	5 16	22 22	22 9	1 56		n.a.	W18
T 19	23 20	26 9	2 27	21 13	2 16	18 37	1 14	4 50	0 8	23 6	0 12	9 52	2 29	22 40	0 12	21 57	0 36	9 33	5 16	22 21	22 9	1 53		n.a.	T 19
F 20	23 14	25 39	3 26	21 26	2 3	18 14	1 13	4 34	0 9	23 8	0 12	9 50	2 29	22 40	0 12	21 57	0 36	9 33	5 16	22 21	22 8	1 50		n.a.	F 20
S 21	23 8	23 47	4 13	21 40	1 51	17 51	1 11	4 19	0 9	23 9	0 12	9 47	2 28	22 41	0 12	21 57	0 36	9 33	5 15	22 20	22 8	1 47		n.a.	S 21
S 22	23 1	20 44	4 46	21 54	1 39	17 27	1 9	4 3	0 10	23 11	0 12	9 45	2 28	22 41	0 12	21 57	0 36	9 33	5 15	22 19	22 7	1 44		n.a.	S 22
M23	22 54	16 49	5 5	22 9	1 26	17 2	1 7	3 47	0 11	23 13	0 12	9 43	2 28	22 41	0 12	21 57	0 36	9 33	5 15	22 18	22 7	1 41		n.a.	M23
T 24	22 46	12 17	5 10	22 23	1 14	16 37	1 4	3 32	0 12	23 14	0 12	9 40	2 28	22 42	0 12	21 56	0 36	9 33	5 15	22 17	22 6	1 38		n.a.	T 24
W25	22 38	7 20	5 1	22 38	1 2	16 12	1 2	3 16	0 13	23 16	0 12	9 38	2 28	22 42	0 12	21 56	0 36	9 33	5 15	22 16	22 6	1 35		n.a.	W25
T 26	22 30	2 11	4 39	22 52	0 51	15 46	1 0	3 0	0 13	23 18	0 12	9 35	2 27	22 43	0 12	21 56	0 36	9 33	5 15	22 16	22 5	1 32		n.a.	T 26
F 27	22 21	3 s 2	4 5	23 6	0 39	15 20	0 58	2 45	0 14	23 19	0 13	9 33	2 27	22 43	0 12	21 56	0 36	9 34	5 14	22 15	22 5	1 29		n.a.	F 27
S 28	22 12	8 10	3 21	23 19	0 28	14 54	0 55	2 29	0 15	23 21	0 13	9 30	2 27	22 44	0 12	21 56	0 36	9 34	5 14	22 15	22 4	1 26		n.a.	S 28
S 29	22 2	13 4	2 27	23 32	0 17	14 27	0 53	2 13	0 16	23 22	0 13	9 28	2 27	22 44	0 12	21 56	0 36	9 34	5 14	22 16	22 3	1 23		n.a.	S 29
M30	21 52	17 32	1 26	23 45	0 7	13 59	0 50	1 57	0 16	23 24	0 13	9 25	2 27	22 45	0 12	21 55	0 36	9 34	5 14	22 16	22 3	1 19		n.a.	M30
T 31	21 s41	21 s21	0n19	23 s57	0 s 4	13 s32	0 s48	1 s42	0n17	23 s25	0 s13	9 s23	2 s26	22 s45	0 s12	21n55	0 s36	9n34	5 s14	22n16	22n 2	1n16		n.a.	T 31

Julian Day Number = 977408.5, Delta T = 13h17m57s
Ecliptic obliquity = 23°55'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'18, Lahiri = -32°02'18 Julian Calendar 1 Jan. 2037 BCE == Greg. Calendar 15 Dec. 2038 BCE

The year -2036 astronomical counting style corresponds to year 2037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

FEBRUARY 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 33 8	25♉20'15	18♐21	27♐47	28♒ 9	25♓48	16♐29	12♓17	11♐ 2	10°R41	8°R 8	9°R 6	7♊39	7♎ 7	n.a.	W 1
T 2	7 37 5	26°19'46	1♉33	28°51	29°21	26°25	16°42	12°23	11° 4	10♊40	8♉ 8	9♊ 4	7°35	7°14	n.a.	T 2
F 3	7 41 1	27°19'15	15° 8	29°57	0♓33	27° 2	16°54	12°29	11° 7	10°39	8° 8	8°59	7°32	7°21	n.a.	F 3
S 4	7 44 58	28°18'41	29° 5	1♉ 5	1°46	27°40	17° 6	12°36	11°10	10°38	8° 8	8°53	7°29	7°27	n.a.	S 4
S 5	7 48 54	29°18'05	13♒19	2°15	2°58	28°17	17°19	12°42	11°12	10°37	8° 8	8°45	7°26	7°34	n.a.	S 5
M 6	7 52 51	0♒17'27	27°46	3°28	4°10	28°54	17°31	12°49	11°15	10°36	8° 8	8°36	7°23	7°41	n.a.	M 6
T 7	7 56 48	1°16'46	12♓19	4°43	5°22	29°32	17°43	12°55	11°18	10°35	8° 8	8°28	7°19	7°47	n.a.	T 7
W 8	8 0 44	2°16'03	26°50	5°59	6°34	0♈ 9	17°55	13° 2	11°20	10°34	8°D 8	8°22	7°16	7°54	n.a.	W 8
T 9	8 4 41	3°15'18	11♈16	7°17	7°46	0°47	18° 7	13° 8	11°23	10°33	8° 8	8°18	7°13	8° 1	n.a.	T 9
F 10	8 8 37	4°14'29	25°31	8°37	8°57	1°24	18°19	13°15	11°25	10°33	8° 8	8°16	7°10	8° 8	n.a.	F 10
S 11	8 12 34	5°13'39	9♉35	9°59	10° 9	2° 1	18°31	13°22	11°27	10°32	8° 8	8°D15	7° 7	8°14	n.a.	S 11
S 12	8 16 30	6°12'46	23°25	11°23	11°21	2°39	18°43	13°29	11°30	10°31	8° 8	8°16	7° 4	8°21	n.a.	S 12
M13	8 20 27	7°11'50	7♊ 3	12°48	12°32	3°16	18°55	13°36	11°32	10°30	8° 8	8°R17	7° 0	8°28	n.a.	M13
T 14	8 24 23	8°10'52	20°29	14°14	13°43	3°54	19° 6	13°43	11°34	10°29	8° 8	8°16	6°57	8°34	n.a.	T 14
W15	8 28 20	9° 9'52	3♋44	15°43	14°55	4°31	19°18	13°50	11°37	10°29	8° 9	8°13	6°54	8°41	n.a.	W15
T 16	8 32 16	10° 8'49	16°47	17°13	16° 6	5° 8	19°29	13°57	11°39	10°28	8° 9	8° 8	6°51	8°48	n.a.	T 16
F 17	8 36 13	11° 7'44	29°40	18°44	17°17	5°46	19°41	14° 4	11°41	10°27	8° 9	8° 0	6°48	8°54	n.a.	F 17
S 18	8 40 10	12° 6'36	12♌21	20°17	18°28	6°23	19°52	14°11	11°43	10°27	8° 9	7°49	6°45	9° 1	n.a.	S 18
S 19	8 44 6	13° 5'27	24°50	21°51	19°39	7° 1	20° 3	14°18	11°45	10°26	8° 9	7°38	6°41	9° 8	n.a.	S 19
M20	8 48 3	14° 4'15	7♍ 9	23°27	20°50	7°38	20°14	14°25	11°47	10°26	8°10	7°26	6°38	9°15	n.a.	M20
T 21	8 51 59	15° 3'01	19°16	25° 5	22° 1	8°15	20°25	14°32	11°49	10°25	8°10	7°14	6°35	9°21	n.a.	T 21
W22	8 55 56	16° 1'45	1♎15	26°44	23°11	8°53	20°36	14°40	11°51	10°24	8°10	7° 4	6°32	9°28	n.a.	W22
T 23	8 59 52	17° 0'27	13° 8	28°24	24°22	9°30	20°47	14°47	11°53	10°24	8°11	6°57	6°29	9°35	n.a.	T 23
F 24	9 3 49	17°59'07	24°58	0♒ 6	25°32	10° 8	20°57	14°54	11°55	10°24	8°11	6°52	6°25	9°41	n.a.	F 24
S 25	9 7 45	18°57'45	6♏50	1°49	26°43	10°45	21° 8	15° 2	11°57	10°23	8°11	6°50	6°22	9°48	n.a.	S 25
S 26	9 11 42	19°56'22	18°48	3°35	27°53	11°23	21°19	15° 9	11°59	10°23	8°12	6°D49	6°19	9°55	n.a.	S 26
M27	9 15 38	20°54'56	0♐58	5°21	29° 3	12° 0	21°29	15°17	12° 1	10°22	8°12	6°R49	6°16	10° 1	n.a.	M27
T 28	9 19 35	21°53'29	13°26	7° 9	0♈13	12°37	21°39	15°24	12° 2	10°22	8°13	6°49	6°13	10° 8	n.a.	T 28
W29	9 23 32	22♒52'00	26♐15	8♒59	1♈23	13♈15	21♐49	15♓32	12♐ 4	10♊22	8♉13	6♊48	6♊10	10♎15	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21 s30	24 s14	0 s50	24 s 8	0 s13	13 s 4	0 s45	1 s26	0n18	23 s27	0 s13	9 s20	2 s26	22 s45	0 s12	21n55	0 s36	9n34	5 s14	22n16	22n 2	1n13		n.a.
T 2	21 19	25 53	1 58	24 18	0 23	12 36	0 42	1 10	0 19	23 28	0 13	9 17	2 26	22 46	0 12	21 55	0 36	9 34	5 13	22 16	22 1	1 10		n.a.
F 3	21 7	26 3	3 2	24 28	0 32	12 7	0 40	0 54	0 19	23 30	0 14	9 15	2 26	22 46	0 12	21 55	0 36	9 34	5 13	22 15	22 1	1 7		n.a.
S 4	20 55	24 36	3 56	24 37	0 41	11 38	0 37	0 39	0 20	23 31	0 14	9 12	2 26	22 47	0 12	21 55	0 35	9 34	5 13	22 14	22 0	1 4		n.a.
S 5	20 43	21 34	4 37	24 44	0 50	11 9	0 34	0 23	0 21	23 32	0 14	9 9	2 25	22 47	0 12	21 55	0 35	9 35	5 13	22 13	22 0	1 1		n.a.
M 6	20 30	17 11	5 1	24 51	0 58	10 40	0 31	0 7	0 21	23 34	0 14	9 7	2 25	22 47	0 12	21 55	0 35	9 35	5 13	22 11	21 59	0 58		n.a.
T 7	20 17	11 46	5 5	24 56	1 5	10 10	0 28	0n 9	0 22	23 35	0 14	9 4	2 25	22 48	0 12	21 54	0 35	9 35	5 12	22 10	21 59	0 55		n.a.
W 8	20 3	5 42	4 50	25 0	1 13	9 40	0 25	0 25	0 23	23 36	0 14	9 1	2 25	22 48	0 12	21 54	0 35	9 35	5 12	22 9	21 58	0 52		n.a.
T 9	19 50	0n37	4 17	25 3	1 20	9 10	0 22	0 40	0 24	23 38	0 14	8 59	2 25	22 48	0 12	21 54	0 35	9 35	5 12	22 8	21 58	0 49		n.a.
F 10	19 35	6 50	3 28	25 5	1 26	8 40	0 19	0 56	0 24	23 39	0 15	8 56	2 25	22 49	0 12	21 54	0 35	9 35	5 12	22 8	21 57	0 45		n.a.
S 11	19 21	12 39	2 27	25 5	1 32	8 10	0 16	1 12	0 25	23 40	0 15	8 53	2 24	22 49	0 12	21 54	0 35	9 36	5 12	22 8	21 57	0 42		n.a.
S 12	19 6	17 44	1 19	25 4	1 38	7 39	0 13	1 28	0 26	23 41	0 15	8 50	2 24	22 50	0 12	21 54	0 35	9 36	5 12	22 8	21 56	0 39		n.a.
M13	18 51	21 49	0 7	25 1	1 43	7 8	0 10	1 43	0 26	23 42	0 15	8 47	2 24	22 50	0 12	21 54	0 35	9 36	5 11	22 8	21 55	0 36		n.a.
T 14	18 35	24 39	1n 5	24 57	1 48	6 37	0 6	1 59	0 27	23 43	0 15	8 44	2 24	22 50	0 12	21 54	0 35	9 36	5 11	22 8	21 55	0 33		n.a.
W15	18 20	26 4	2 11	24 51	1 53	6 6	0 3	2 15	0 27	23 45	0 15	8 41	2 24	22 51	0 12	21 54	0 35	9 36	5 11	22 8	21 54	0 30		n.a.
T 16	18 4	26 0	3 10	24 44	1 57	5 35	0n 0	2 31	0 28	23 46	0 16	8 39	2 24	22 51	0 12	21 54	0 35	9 37	5 11	22 7	21 54	0 27		n.a.
F 17	17 47	24 31	3 58	24 35	2 0	5 4	0 4	2 46	0 29	23 47	0 16	8 36	2 24	22 51	0 12	21 54	0 35	9 37	5 11	22 5	21 53	0 24		n.a.
S 18	17 31	21 48	4 33	24 24	2 4	4 33	0 7	3 2	0 29	23 48	0 16	8 33	2 23	22 52	0 12	21 54	0 35	9 37	5 11	22 4	21 53	0 21		n.a.
S 19	17 14	18 7	4 55	24 11	2 6	4 1	0 10	3 18	0 30	23 49	0 16	8 30	2 23	22 52	0 13	21 53	0 35	9 37	5 10	22 2	21 52	0 17		n.a.
M20	16 57	13 43	5 2	23 57	2 8	3 30	0 14	3 33	0 30	23 50	0 16	8 27	2 23	22 52	0 13	21 53	0 35	9 38	5 10	22 0	21 52	0 14		n.a.
T 21	16 39	8 51	4 56	23 41	2 10	2 58	0 17	3 49	0 31	23 51	0 16	8 24	2 23	22 52	0 13	21 53	0 35	9 38	5 10	21 58	21 51	0 11		n.a.
W22	16 21	3 42	4 36	23 23	2 11	2 26	0 21	4 4	0 32	23 52	0 16	8 21	2 23	22 53	0 13	21 53	0 35	9 38	5 10	21 56	21 51	0 8		n.a.
T 23	16 3	1 s33	4 5	23 3	2 12	1 55	0 25	4 20	0 32	23 53	0 17	8 18	2 23	22 53	0 13	21 53	0 35	9 38	5 10	21 55	21 50	0 5		n.a.
F 24	15 45	6 43	3 23	22 42	2 12	1 23	0 28	4 35	0 33	23 54	0 17	8 15	2 23	22 53	0 13	21 53	0 35	9 39	5 10	21 54	21 49	0 2		n.a.
S 25	15 27	11 41	2 32	22 18	2 12	0 51	0 32	4 51	0 33	23 54	0 17	8 12	2 23	22 54	0 13	21 53	0 35	9 39	5 9	21 54	21 49	0s 1		n.a.
S 26	15 8	16 16	1 34	21 53	2 11	0 19	0 35	5 6	0 34	23 55	0 17	8 9	2 22	22 54	0 13	21 53	0 35	9 39	5 9	21 53	21 48	0 4		n.a.
M27	14 49	20 16	0 31	21 25	2 10	0n12	0 39	5 22	0 35	23 56	0 17	8 6	2 22	22 54	0 13	21 53	0 35	9 40	5 9	21 54	21 48	0 7		n.a.
T 28	14 30	23 27	0 s35	20 56	2 8	0 44	0 42	5 37	0 35	23 57	0 17	8 3	2 22	22 54	0 13	21 53	0 35	9 40	5 9	21 54	21 47	0 11		n.a.
W29	14 s10	25 s34	1 s41	20 s24	2 s 6	1n16	0n46	5n53	0n36	23 s58	0 s18	8 s 0	2 s22	22 s55	0 s13	21n53	0 s35	9n40	5 s 9	21n53	21n47	0 s14		n.a.

Julian Day Number = 977439.5, Delta T = 13h17m55s
Ecliptic obliquity = 23°55'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'14, Lahiri = -32°02'13 Julian Calendar 1 Feb. 2037 BCE == Greg. Calendar 15 Jan. 2037 BCE

The year -2036 astronomical counting style corresponds to year 2037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

MARCH 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 27 28	23♒50'29	9♉30	10♒50	2♈33	13♈52	21♐59	15♓39	12♐ 6	10°R22	8♉14	6°R44	6♊ 6	10♎22	n.a.	T 1
F 2	9 31 25	24°48'57	23°13	12°43	3°42	14°30	22° 9	15°47	12° 7	10♊21	8°14	6♊38	6° 3	10°28	n.a.	F 2
S 3	9 35 21	25°47'22	7♒23	14°37	4°52	15° 7	22°19	15°54	12° 9	10°21	8°15	6°29	6° 0	10°35	n.a.	S 3
S 4	9 39 18	26°45'45	21°57	16°33	6° 1	15°45	22°29	16° 2	12°10	10°21	8°15	6°19	5°57	10°42	n.a.	S 4
M 5	9 43 14	27°44'07	6♓47	18°30	7°10	16°22	22°39	16°10	12°12	10°21	8°16	6° 7	5°54	10°48	n.a.	M 5
T 6	9 47 11	28°42'26	21°44	20°29	8°20	17° 0	22°48	16°17	12°13	10°21	8°17	5°57	5°50	10°55	n.a.	T 6
W 7	9 51 7	29°40'43	6♈40	22°30	9°29	17°37	22°58	16°25	12°15	10°21	8°17	5°48	5°47	11° 2	n.a.	W 7
T 8	9 55 4	0♓38'58	21°27	24°32	10°38	18°14	23° 7	16°33	12°16	10°D21	8°18	5°41	5°44	11° 8	n.a.	T 8
F 9	9 59 0	1°37'11	5♉57	26°35	11°46	18°52	23°16	16°40	12°17	10°21	8°18	5°37	5°41	11°15	n.a.	F 9
S 10	10 2 57	2°35'22	20° 8	28°39	12°55	19°29	23°25	16°48	12°18	10°21	8°19	5°36	5°38	11°22	n.a.	S 10
S 11	10 6 54	3°33'31	3♊58	0♓45	14° 3	20° 7	23°34	16°56	12°20	10°21	8°20	5°36	5°35	11°29	n.a.	S 11
M12	10 10 50	4°31'37	17°29	2°51	15°12	20°44	23°43	17° 4	12°21	10°21	8°21	5°35	5°31	11°35	n.a.	M12
T 13	10 14 47	5°29'41	0♋43	4°59	16°20	21°22	23°51	17°11	12°22	10°21	8°21	5°34	5°28	11°42	n.a.	T 13
W14	10 18 43	6°27'43	13°41	7° 7	17°28	21°59	24° 0	17°19	12°23	10°21	8°22	5°30	5°25	11°49	n.a.	W14
T 15	10 22 40	7°25'43	26°26	9°16	18°36	22°37	24° 8	17°27	12°24	10°21	8°23	5°24	5°22	11°55	n.a.	T 15
F 16	10 26 36	8°23'41	9♌ 1	11°25	19°44	23°14	24°16	17°35	12°25	10°22	8°24	5°15	5°19	12° 2	n.a.	F 16
S 17	10 30 33	9°21'37	21°25	13°34	20°51	23°52	24°25	17°43	12°26	10°22	8°25	5° 3	5°16	12° 9	n.a.	S 17
S 18	10 34 29	10°19'32	3♍41	15°43	21°59	24°29	24°33	17°51	12°26	10°22	8°25	4°50	5°12	12°15	n.a.	S 18
M19	10 38 26	11°17'24	15°48	17°51	23° 6	25° 6	24°40	17°59	12°27	10°23	8°26	4°36	5° 9	12°22	n.a.	M19
T 20	10 42 22	12°15'15	27°49	19°58	24°13	25°44	24°48	18° 6	12°28	10°23	8°27	4°23	5° 6	12°29	n.a.	T 20
W21	10 46 19	13°13'04	9♎43	22° 5	25°20	26°21	24°56	18°14	12°29	10°23	8°28	4°12	5° 3	12°36	n.a.	W21
T 22	10 50 16	14°10'51	21°34	24° 9	26°26	26°59	25° 3	18°22	12°29	10°24	8°29	4° 3	5° 0	12°42	n.a.	T 22
F 23	10 54 12	15° 8'37	3♏23	26°12	27°33	27°36	25°10	18°30	12°30	10°24	8°30	3°57	4°56	12°49	n.a.	F 23
S 24	10 58 9	16° 6'21	15°14	28°14	28°39	28°14	25°18	18°38	12°30	10°25	8°31	3°53	4°53	12°56	n.a.	S 24
S 25	11 2 5	17° 4'05	27°12	0♈12	29°45	28°51	25°25	18°46	12°31	10°25	8°32	3°52	4°50	13° 2	n.a.	S 25
M26	11 6 2	18° 1'47	9♐21	2° 9	0♉51	29°29	25°31	18°54	12°31	10°26	8°33	3°D52	4°47	13° 9	n.a.	M26
T 27	11 9 58	18°59'27	21°46	4° 3	1°57	0♉ 6	25°38	19° 2	12°32	10°27	8°34	3°R52	4°44	13°16	n.a.	T 27
W28	11 13 55	19°57'07	4♑33	5°54	3° 3	0°43	25°45	19°10	12°32	10°27	8°35	3°51	4°41	13°22	n.a.	W28
T 29	11 17 51	20°54'45	17°45	7°42	4° 8	1°21	25°51	19°18	12°32	10°28	8°36	3°49	4°37	13°29	n.a.	T 29
F 30	11 21 48	21°52'22	1♒26	9°27	5°13	1°58	25°57	19°26	12°33	10°29	8°37	3°44	4°34	13°36	n.a.	F 30
S 31	11 25 45	22♓49'58	15♒37	11♈ 9	6♉18	2♉36	26♐ 3	19♓33	12♐33	10♊29	8♉38	3♊36	4♊31	13♎42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13s51	26s18	2s44	19s50	2s 3	1n47	0n50	6n 8	0n36	23s59	0s18	7s57	2s22	22s55	0s13	21n53	0s35	9n41	5s 8	21n53	21n46	0s17			n.a.
F 2	13 31	25 29	3 39	19 15	2 0	2 19	0 53	6 23	0 37	23 59	0 18	7 54	2 22	22 55	0 13	21 53	0 35	9 41	5 8	21 52	21 46	0 20			n.a.
S 3	13 11	23 2	4 23	18 37	1 56	2 50	0 57	6 39	0 37	24 0	0 18	7 50	2 22	22 55	0 13	21 53	0 35	9 41	5 8	21 50	21 45	0 23			n.a.
S 4	12 51	19 3	4 51	17 58	1 51	3 22	1 1	6 54	0 38	24 1	0 18	7 47	2 22	22 55	0 13	21 53	0 35	9 42	5 8	21 48	21 44	0 26			n.a.
M 5	12 30	13 50	5 0	17 16	1 46	3 53	1 4	7 9	0 38	24 2	0 18	7 44	2 22	22 56	0 13	21 53	0 35	9 42	5 8	21 46	21 44	0 29			n.a.
T 6	12 10	7 45	4 49	16 32	1 40	4 24	1 8	7 24	0 39	24 2	0 19	7 41	2 22	22 56	0 13	21 53	0 35	9 42	5 8	21 44	21 43	0 32			n.a.
W 7	11 49	1 14	4 18	15 47	1 34	4 55	1 12	7 39	0 39	24 3	0 19	7 38	2 22	22 56	0 13	21 53	0 35	9 43	5 7	21 43	21 43	0 36			n.a.
T 8	11 28	5n17	3 31	14 59	1 27	5 26	1 15	7 54	0 40	24 4	0 19	7 35	2 22	22 56	0 13	21 53	0 34	9 43	5 7	21 42	21 42	0 39			n.a.
F 9	11 7	11 26	2 30	14 10	1 20	5 57	1 19	8 9	0 40	24 4	0 19	7 32	2 21	22 57	0 13	21 53	0 34	9 43	5 7	21 41	21 42	0 42			n.a.
S 10	10 46	16 51	1 21	13 19	1 12	6 28	1 23	8 24	0 41	24 5	0 19	7 29	2 21	22 57	0 13	21 53	0 34	9 44	5 7	21 41	21 41	0 45			n.a.
S 11	10 24	21 14	0 9	12 26	1 4	6 58	1 26	8 39	0 41	24 6	0 20	7 25	2 21	22 57	0 13	21 53	0 34	9 44	5 7	21 41	21 40	0 48			n.a.
M12	10 3	24 22	1n 2	11 31	0 55	7 29	1 30	8 54	0 42	24 6	0 20	7 22	2 21	22 57	0 13	21 53	0 34	9 44	5 7	21 41	21 40	0 51			n.a.
T 13	9 41	26 4	2 8	10 35	0 46	7 59	1 33	9 9	0 42	24 7	0 20	7 19	2 21	22 57	0 13	21 53	0 34	9 45	5 7	21 40	21 39	0 54			n.a.
W14	9 19	26 18	3 6	9 38	0 36	8 29	1 37	9 23	0 43	24 7	0 20	7 16	2 21	22 57	0 13	21 54	0 34	9 45	5 6	21 40	21 39	0 57			n.a.
T 15	8 57	25 7	3 54	8 40	0 27	8 59	1 41	9 38	0 43	24 8	0 20	7 13	2 21	22 58	0 13	21 54	0 34	9 46	5 6	21 38	21 38	1 1			n.a.
F 16	8 35	22 41	4 29	7 41	0 16	9 28	1 44	9 53	0 44	24 9	0 20	7 10	2 21	22 58	0 13	21 54	0 34	9 46	5 6	21 37	21 38	1 4			n.a.
S 17	8 13	19 14	4 51	6 41	0 6	9 57	1 48	10 7	0 44	24 9	0 21	7 6	2 21	22 58	0 13	21 54	0 34	9 46	5 6	21 35	21 37	1 7			n.a.
S 18	7 51	15 0	5 0	5 40	0n 5	10 26	1 51	10 22	0 44	24 10	0 21	7 3	2 21	22 58	0 13	21 54	0 34	9 47	5 6	21 32	21 36	1 10			n.a.
M19	7 29	10 12	4 54	4 39	0 16	10 55	1 54	10 36	0 45	24 10	0 21	7 0	2 21	22 58	0 13	21 54	0 34	9 47	5 6	21 30	21 36	1 13			n.a.
T 20	7 6	5 5	4 35	3 39	0 27	11 24	1 58	10 51	0 45	24 11	0 21	6 57	2 21	22 58	0 13	21 54	0 34	9 48	5 5	21 27	21 35	1 16			n.a.
W21	6 44	0s11	4 5	2 38	0 38	11 52	2 1	11 5	0 46	24 11	0 21	6 54	2 21	22 58	0 13	21 54	0 34	9 48	5 5	21 25	21 35	1 19			n.a.
T 22	6 21	5 26	3 24	1 38	0 48	12 20	2 4	11 19	0 46	24 12	0 22	6 51	2 21	22 58	0 13	21 54	0 34	9 49	5 5	21 23	21 34	1 23			n.a.
F 23	5 58	10 29	2 34	0 38	0 59	12 47	2 8	11 33	0 47	24 12	0 22	6 47	2 21	22 58	0 13	21 54	0 34	9 49	5 5	21 22	21 33	1 26			n.a.
S 24	5 35	15 12	1 37	0n20	1 9	13 15	2 11	11 47	0 47	24 13	0 22	6 44	2 21	22 59	0 13	21 54	0 34	9 49	5 5	21 22	21 33	1 29			n.a.
S 25	5 12	19 22	0 35	1 17	1 19	13 42	2 14	12 1	0 47	24 13	0 22	6 41	2 21	22 59	0 13	21 54	0 34	9 50	5 5	21 21	21 32	1 32			n.a.
M26	4 50	22 47	0s29	2 13	1 29	14 8	2 17	12 15	0 48	24 14	0 22	6 38	2 21	22 59	0 13	21 55	0 34	9 50	5 5	21 21	21 32	1 35			n.a.
T 27	4 27	25 13	1 34	3 8	1 38	14 35	2 20	12 29	0 48	24 14	0 23	6 35	2 21	22 59	0 13	21 55	0 34	9 51	5 4	21 21	21 31	1 38			n.a.
W28	4 3	26 26	2 35	4 1	1 46	15 1	2 23	12 43	0 49	24 14	0 23	6 32	2 21	22 59	0 13	21 55	0 34	9 51	5 4	21 21	21 30	1 41			n.a.
T 29	3 40	26 12	3 31	4 52	1 54	15 26	2 26	12 57	0 49	24 15	0 23	6 28	2 21	22 59	0 13	21 55	0 34	9 52	5 4	21 21	21 30	1 45			n.a.
F 30	3 17	24 24	4 16	5 41	2 2	15 52	2 29	13 10	0 49	24 15	0 23	6 25	2 21	22 59	0 13	21 55	0 34	9 52	5 4	21 20	21 29	1 48			n.a.
S 31	2s54	21s 3	4s48	6n28	2n 9	16n16	2n32	13n24	0n50	24s16	0s23	6s22	2s21	22s59	0s13	21n55	0s34	9n53	5s 4	21n18	21n29	1s51			n.a.

Julian Day Number = 977468.5, Delta T = 13h17m53s
Ecliptic obliquity = 23°55'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'10, Lahiri = -32°02'09 Julian Calendar 1 March 2037 BCE == Greg. Calendar 13 Feb. 2037 BCE

The year -2036 astronomical counting style corresponds to year 2037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

APRIL 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 29 41	23♓47'32	0♓15	12♈48	7♉23	3♉13	26♐ 9	19♓41	12♐33	10♊30	8♉39	3°R27	4♊28	13♎49	n.a.	S 1
M 2	11 33 38	24°45'06	15°14	14°23	8°27	3°51	26°15	19°49	12°33	10°31	8°40	3♊17	4°25	13°56	n.a.	M 2
T 3	11 37 34	25°42'38	0♈25	15°55	9°32	4°28	26°21	19°57	12°33	10°32	8°41	3° 7	4°22	14° 3	n.a.	T 3
W 4	11 41 31	26°40'08	15°38	17°24	10°36	5° 6	26°26	20° 5	12°R33	10°32	8°43	2°59	4°18	14° 9	n.a.	W 4
T 5	11 45 27	27°37'37	0♉42	18°49	11°39	5°43	26°31	20°13	12°33	10°33	8°44	2°54	4°15	14°16	n.a.	T 5
F 6	11 49 24	28°35'05	15°29	20°11	12°43	6°21	26°36	20°21	12°33	10°34	8°45	2°50	4°12	14°23	n.a.	F 6
S 7	11 53 20	29°32'31	29°53	21°29	13°46	6°58	26°41	20°29	12°33	10°35	8°46	2°D49	4° 9	14°29	n.a.	S 7
S 8	11 57 17	0♈29'56	13♊52	22°44	14°49	7°36	26°46	20°37	12°33	10°36	8°47	2°49	4° 6	14°36	n.a.	S 8
M 9	12 1 13	1°27'20	27°26	23°54	15°52	8°13	26°51	20°44	12°33	10°37	8°48	2°R50	4° 2	14°43	n.a.	M 9
T 10	12 5 10	2°24'42	10♋38	25° 2	16°54	8°51	26°55	20°52	12°32	10°38	8°50	2°50	3°59	14°49	n.a.	T 10
W11	12 9 7	3°22'02	23°31	26° 5	17°57	9°28	26°59	21° 0	12°32	10°39	8°51	2°48	3°56	14°56	n.a.	W11
T 12	12 13 3	4°19'21	6♌ 7	27° 5	18°58	10° 6	27° 4	21° 8	12°32	10°40	8°52	2°44	3°53	15° 3	n.a.	T 12
F 13	12 17 0	5°16'39	18°30	28° 0	20° 0	10°43	27° 7	21°16	12°31	10°41	8°53	2°37	3°50	15° 9	n.a.	F 13
S 14	12 20 56	6°13'56	0♍42	28°52	21° 1	11°21	27°11	21°23	12°31	10°43	8°55	2°29	3°47	15°16	n.a.	S 14
S 15	12 24 53	7°11'11	12°47	29°40	22° 2	11°58	27°15	21°31	12°30	10°44	8°56	2°19	3°43	15°23	n.a.	S 15
M16	12 28 49	8° 8'25	24°46	0♉23	23° 3	12°35	27°18	21°39	12°29	10°45	8°57	2° 9	3°40	15°30	n.a.	M16
T 17	12 32 46	9° 5'38	6♎39	1° 2	24° 3	13°13	27°21	21°46	12°29	10°46	8°58	1°59	3°37	15°36	n.a.	T 17
W18	12 36 42	10° 2'51	18°30	1°37	25° 3	13°50	27°24	21°54	12°28	10°47	9° 0	1°51	3°34	15°43	n.a.	W18
T 19	12 40 39	11° 0'02	0♏20	2° 8	26° 2	14°28	27°27	22° 2	12°27	10°49	9° 1	1°44	3°31	15°50	n.a.	T 19
F 20	12 44 36	11°57'13	12°11	2°34	27° 1	15° 5	27°30	22° 9	12°27	10°50	9° 2	1°40	3°27	15°56	n.a.	F 20
S 21	12 48 32	12°54'23	24° 5	2°56	28° 0	15°43	27°32	22°17	12°26	10°51	9° 4	1°38	3°24	16° 3	n.a.	S 21
S 22	12 52 29	13°51'33	6♐ 6	3°13	28°58	16°20	27°35	22°25	12°25	10°53	9° 5	1°D38	3°21	16°10	n.a.	S 22
M23	12 56 25	14°48'42	18°18	3°26	29°56	16°58	27°37	22°32	12°24	10°54	9° 6	1°39	3°18	16°16	n.a.	M23
T 24	13 0 22	15°45'51	0♑45	3°34	0♊53	17°35	27°39	22°40	12°23	10°56	9° 8	1°40	3°15	16°23	n.a.	T 24
W25	13 4 18	16°42'59	13°30	3°R38	1°50	18°13	27°40	22°47	12°22	10°57	9° 9	1°R41	3°12	16°30	n.a.	W25
T 26	13 8 15	17°40'07	26°39	3°37	2°47	18°51	27°42	22°55	12°21	10°58	9°11	1°40	3° 8	16°36	n.a.	T 26
F 27	13 12 12	18°37'15	10♒15	3°31	3°43	19°28	27°43	23° 2	12°20	11° 0	9°12	1°38	3° 5	16°43	n.a.	F 27
S 28	13 16 8	19°34'22	24°18	3°21	4°39	20° 6	27°45	23° 9	12°19	11° 1	9°13	1°35	3° 2	16°50	n.a.	S 28
S 29	13 20 5	20°31'29	8♓49	3° 8	5°34	20°43	27°46	23°17	12°18	11° 3	9°15	1°30	2°59	16°56	n.a.	S 29
M30	13 24 1	21♈28'35	23♓42	2♉50	6♊28	21♉21	27♐46	23♓24	12♐17	11♊ 5	9♉16	1♊24	2♊56	17♎ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s31	16s18	5s 2	7n13	2n15	16n41	2n34	13n37	0n50	24s16	0s24	6s19	2s21	22s59	0s13	21n55	0s34	9n53	5s 4	21n16	21n28	1s54		n.a.
M 2	2 8	10 28	4 56	7 56	2 20	17 5	2 37	13 51	0 50	24 16	0 24	6 16	2 21	22 59	0 13	21 56	0 34	9 54	5 4	21 15	21 28	1 57		n.a.
T 3	1 44	3 56	4 29	8 37	2 25	17 29	2 40	14 4	0 51	24 17	0 24	6 13	2 21	22 59	0 13	21 56	0 34	9 54	5 3	21 13	21 27	2 0		n.a.
W 4	1 21	2n51	3 43	9 15	2 29	17 52	2 42	14 17	0 51	24 17	0 24	6 9	2 21	22 59	0 13	21 56	0 34	9 55	5 3	21 11	21 26	2 3		n.a.
T 5	0 58	9 26	2 42	9 52	2 33	18 15	2 45	14 30	0 52	24 17	0 25	6 6	2 21	22 59	0 13	21 56	0 34	9 55	5 3	21 10	21 26	2 7		n.a.
F 6	0 34	15 22	1 31	10 26	2 35	18 37	2 47	14 43	0 52	24 18	0 25	6 3	2 21	22 59	0 13	21 56	0 34	9 56	5 3	21 9	21 25	2 10		n.a.
S 7	0 11	20 17	0 16	10 57	2 37	18 59	2 49	14 56	0 52	24 18	0 25	6 0	2 21	22 59	0 13	21 56	0 34	9 56	5 3	21 9	21 25	2 13		n.a.
S 8	0n12	23 54	0n59	11 27	2 38	19 20	2 51	15 9	0 53	24 18	0 25	5 57	2 21	22 59	0 13	21 56	0 33	9 57	5 3	21 9	21 24	2 16		n.a.
M 9	0 35	26 2	2 7	11 54	2 38	19 41	2 54	15 22	0 53	24 19	0 25	5 54	2 21	22 59	0 13	21 57	0 33	9 57	5 3	21 9	21 23	2 19		n.a.
T 10	0 59	26 37	3 8	12 18	2 37	20 2	2 55	15 35	0 53	24 19	0 26	5 51	2 21	22 59	0 14	21 57	0 33	9 58	5 3	21 9	21 23	2 22		n.a.
W11	1 22	25 43	3 57	12 40	2 35	20 22	2 57	15 47	0 54	24 19	0 26	5 48	2 21	22 59	0 14	21 57	0 33	9 58	5 2	21 9	21 22	2 26		n.a.
T 12	1 45	23 31	4 33	13 0	2 32	20 41	2 59	16 0	0 54	24 20	0 26	5 44	2 21	22 59	0 14	21 57	0 33	9 59	5 2	21 8	21 21	2 29		n.a.
F 13	2 8	20 16	4 56	13 17	2 29	21 0	3 1	16 12	0 54	24 20	0 26	5 41	2 21	22 59	0 14	21 57	0 33	9 59	5 2	21 7	21 21	2 32		n.a.
S 14	2 31	16 10	5 5	13 32	2 25	21 18	3 2	16 24	0 55	24 20	0 26	5 38	2 21	22 59	0 14	21 58	0 33	10 0	5 2	21 5	21 20	2 35		n.a.
S 15	2 55	11 29	5 0	13 45	2 20	21 36	3 4	16 36	0 55	24 21	0 27	5 35	2 21	22 59	0 14	21 58	0 33	10 0	5 2	21 3	21 20	2 38		n.a.
M16	3 18	6 25	4 42	13 55	2 13	21 54	3 5	16 49	0 55	24 21	0 27	5 32	2 21	22 59	0 14	21 58	0 33	10 1	5 2	21 1	21 19	2 41		n.a.
T 17	3 41	1 8	4 12	14 2	2 6	22 10	3 6	17 0	0 56	24 21	0 27	5 29	2 21	22 59	0 14	21 58	0 33	10 1	5 2	20 59	21 18	2 44		n.a.
W18	4 3	4s10	3 30	14 8	1 58	22 27	3 8	17 12	0 56	24 22	0 27	5 26	2 22	22 59	0 14	21 58	0 33	10 2	5 2	20 57	21 18	2 48		n.a.
T 19	4 26	9 20	2 40	14 10	1 50	22 42	3 9	17 24	0 56	24 22	0 28	5 23	2 22	22 59	0 14	21 59	0 33	10 2	5 2	20 56	21 17	2 51		n.a.
F 20	4 49	14 11	1 43	14 10	1 40	22 58	3 9	17 36	0 57	24 22	0 28	5 20	2 22	22 59	0 14	21 59	0 33	10 3	5 1	20 55	21 17	2 54		n.a.
S 21	5 12	18 31	0 41	14 8	1 29	23 12	3 10	17 47	0 57	24 22	0 28	5 17	2 22	22 59	0 14	21 59	0 33	10 3	5 1	20 55	21 16	2 57		n.a.
S 22	5 35	22 10	0s24	14 4	1 18	23 26	3 11	17 58	0 57	24 23	0 28	5 14	2 22	22 58	0 14	21 59	0 33	10 4	5 1	20 55	21 15	3 0		n.a.
M23	5 57	24 53	1 29	13 56	1 6	23 40	3 11	18 10	0 57	24 23	0 29	5 11	2 22	22 58	0 14	22 0	0 33	10 4	5 1	20 55	21 15	3 3		n.a.
T 24	6 20	26 27	2 31	13 47	0 53	23 52	3 11	18 21	0 58	24 23	0 29	5 8	2 22	22 58	0 14	22 0	0 33	10 5	5 1	20 55	21 14	3 7		n.a.
W25	6 42	26 40	3 27	13 35	0 39	24 5	3 12	18 32	0 58	24 24	0 29	5 5	2 22	22 58	0 14	22 0	0 33	10 5	5 1	20 55	21 13	3 10		n.a.
T 26	7 4	25 24	4 14	13 21	0 25	24 16	3 12	18 43	0 58	24 24	0 29	5 2	2 22	22 58	0 14	22 0	0 33	10 6	5 1	20 55	21 13	3 13		n.a.
F 27	7 26	22 39	4 49	13 5	0 9	24 27	3 12	18 54	0 59	24 24	0 30	4 59	2 22	22 58	0 14	22 0	0 33	10 7	5 1	20 55	21 12	3 16		n.a.
S 28	7 49	18 30	5 7	12 47	0s 6	24 38	3 11	19 4	0 59	24 24	0 30	4 56	2 22	22 58	0 14	22 1	0 33	10 7	5 1	20 54	21 12	3 19		n.a.
S 29	8 11	13 9	5 7	12 28	0 22	24 48	3 11	19 15	0 59	24 25	0 30	4 54	2 22	22 58	0 14	22 1	0 33	10 8	5 1	20 53	21 11	3 22		n.a.
M30	8n32	6s55	4s47	12n 6	0s39	24n57	3n10	19n25	0n59	24s25	0s30	4s51	2s23	22s57	0s14	22n 1	0s33	10n 8	5s 0	20n52	21n10	3s25		n.a.

Julian Day Number = 977499.5, Delta T = 13h17m51s
Ecliptic obliquity = 23°55'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'06, Lahiri = -32°02'05 Julian Calendar 1 Apr. 2037 BCE == Greg. Calendar 15 March 2037 BCE

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

MAY 2037 BCE (-2036) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 27 58	22♈25'41	8♈51	2°R28	7♊23	21♉58	27♐47	23♓31	12°R15	11♊ 6	9♉18	1°R19	2♊53	17♎10	n.a.	T 1
W 2	13 31 54	23°22'47	24° 5	2♉ 4	8°16	22°36	27°47	23°39	12♐14	11° 8	9°19	1♊14	2°49	17°17	n.a.	W 2
T 3	13 35 51	24°19'53	9♉15	1°36	9° 9	23°13	27°48	23°46	12°13	11° 9	9°20	1°11	2°46	17°23	n.a.	T 3
F 4	13 39 47	25°16'58	24°11	1° 6	10° 1	23°51	27°R48	23°53	12°12	11°11	9°22	1°D 9	2°43	17°30	n.a.	F 4
S 5	13 43 44	26°14'03	8♊46	0°34	10°53	24°29	27°47	24° 0	12°10	11°13	9°23	1° 9	2°40	17°37	n.a.	S 5
S 6	13 47 41	27°11'07	22°56	0° 1	11°44	25° 6	27°47	24° 7	12° 9	11°14	9°25	1°10	2°37	17°43	n.a.	S 6
M 7	13 51 37	28° 8'11	6♋39	29♈26	12°35	25°44	27°46	24°14	12° 7	11°16	9°26	1°12	2°33	17°50	n.a.	M 7
T 8	13 55 34	29° 5'14	19°56	28°52	13°25	26°21	27°46	24°21	12° 6	11°18	9°28	1°13	2°30	17°57	n.a.	T 8
W 9	13 59 30	0♉ 2'17	2♌50	28°17	14°14	26°59	27°45	24°28	12° 4	11°20	9°29	1°R13	2°27	18° 3	n.a.	W 9
T 10	14 3 27	0°59'19	15°24	27°44	15° 2	27°37	27°44	24°35	12° 3	11°21	9°31	1°12	2°24	18°10	n.a.	T 10
F 11	14 7 23	1°56'21	27°43	27°12	15°50	28°14	27°42	24°42	12° 1	11°23	9°32	1°10	2°21	18°17	n.a.	F 11
S 12	14 11 20	2°53'22	9♍50	26°41	16°36	28°52	27°41	24°49	11°59	11°25	9°34	1° 6	2°18	18°23	n.a.	S 12
S 13	14 15 17	3°50'24	21°48	26°14	17°22	29°29	27°39	24°56	11°58	11°27	9°35	1° 2	2°14	18°30	n.a.	S 13
M14	14 19 13	4°47'25	3♎41	25°49	18° 7	0♊ 7	27°37	25° 3	11°56	11°29	9°36	0°58	2°11	18°37	n.a.	M14
T 15	14 23 10	5°44'25	15°32	25°28	18°51	0°45	27°35	25° 9	11°54	11°30	9°38	0°54	2° 8	18°43	n.a.	T 15
W16	14 27 6	6°41'26	27°22	25°11	19°35	1°22	27°33	25°16	11°52	11°32	9°39	0°50	2° 5	18°50	n.a.	W16
T 17	14 31 3	7°38'27	9♏14	24°58	20°17	2° 0	27°30	25°23	11°50	11°34	9°41	0°47	2° 2	18°57	n.a.	T 17
F 18	14 34 59	8°35'28	21°10	24°49	20°58	2°38	27°28	25°29	11°49	11°36	9°42	0°46	1°59	19° 3	n.a.	F 18
S 19	14 38 56	9°32'29	3♐12	24°D45	21°38	3°15	27°25	25°36	11°47	11°38	9°44	0°D46	1°55	19°10	n.a.	S 19
S 20	14 42 52	10°29'31	15°23	24°45	22°18	3°53	27°22	25°42	11°45	11°40	9°45	0°46	1°52	19°17	n.a.	S 20
M21	14 46 49	11°26'33	27°44	24°51	22°56	4°31	27°19	25°48	11°43	11°42	9°47	0°48	1°49	19°24	n.a.	M21
T 22	14 50 46	12°23'36	10♑18	25° 2	23°32	5° 8	27°16	25°55	11°41	11°44	9°48	0°49	1°46	19°30	n.a.	T 22
W23	14 54 42	13°20'39	23° 9	25°18	24° 8	5°46	27°12	26° 1	11°39	11°46	9°50	0°50	1°43	19°37	n.a.	W23
T 24	14 58 39	14°17'42	6♒20	25°39	24°43	6°24	27° 8	26° 7	11°37	11°48	9°51	0°51	1°39	19°44	n.a.	T 24
F 25	15 2 35	15°14'47	19°52	26° 5	25°16	7° 2	27° 4	26°13	11°35	11°50	9°53	0°R51	1°36	19°50	n.a.	F 25
S 26	15 6 32	16°11'51	3♓47	26°36	25°48	7°39	27° 0	26°19	11°33	11°52	9°54	0°51	1°33	19°57	n.a.	S 26
S 27	15 10 28	17° 8'57	18° 4	27°12	26°18	8°17	26°56	26°25	11°31	11°54	9°56	0°49	1°30	20° 4	n.a.	S 27
M28	15 14 25	18° 6'03	2♈42	27°54	26°47	8°55	26°52	26°31	11°29	11°56	9°57	0°48	1°27	20°10	n.a.	M28
T 29	15 18 22	19° 3'10	17°35	28°40	27°14	9°33	26°47	26°37	11°26	11°58	9°59	0°47	1°24	20°17	n.a.	T 29
W30	15 22 18	20° 0'18	2♉36	29°32	27°40	10°11	26°42	26°43	11°24	12° 0	10° 0	0°45	1°20	20°24	n.a.	W30
T 31	15 26 15	20♉57'27	17♉37	0♉28	28♊ 5	10♊48	26♐38	26♓49	11♐22	12♊ 2	10♉ 2	0♊45	1♊17	20♎30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	8n54	0s11	4s 6	11n43	0s55	25n 6	3n 9	19n35	1n 0	24s25	0s30	4s48	2s23	22s57	0s14	22n 1	0s33	10n 9	5s 0	20n51	21n10	3s29			n.a.
W 2	9 16	6n37	3 8	11 19	1 12	25 14	3 8	19 46	1 0	24 25	0 31	4 45	2 23	22 57	0 14	22 2	0 33	10 9	5 0	20 50	21 9	3 32			n.a.
T 3	9 37	13 2	1 56	10 54	1 28	25 21	3 7	19 56	1 0	24 26	0 31	4 42	2 23	22 57	0 14	22 2	0 33	10 10	5 0	20 49	21 8	3 35			n.a.
F 4	9 59	18 36	0 38	10 28	1 45	25 28	3 6	20 6	1 0	24 26	0 31	4 39	2 23	22 57	0 14	22 2	0 33	10 10	5 0	20 49	21 8	3 38			n.a.
S 5	10 20	22 54	0n42	10 1	2 1	25 35	3 5	20 15	1 1	24 26	0 31	4 37	2 23	22 57	0 14	22 2	0 33	10 11	5 0	20 49	21 7	3 41			n.a.
S 6	10 41	25 40	1 56	9 35	2 16	25 40	3 3	20 25	1 1	24 26	0 32	4 34	2 23	22 56	0 14	22 3	0 33	10 11	5 0	20 49	21 7	3 44			n.a.
M 7	11 2	26 47	3 2	9 9	2 31	25 45	3 1	20 34	1 1	24 27	0 32	4 31	2 23	22 56	0 14	22 3	0 33	10 12	5 0	20 49	21 6	3 48			n.a.
T 8	11 22	26 18	3 55	8 43	2 45	25 50	2 59	20 44	1 1	24 27	0 32	4 28	2 24	22 56	0 14	22 3	0 33	10 12	5 0	20 49	21 5	3 51			n.a.
W 9	11 43	24 23	4 35	8 18	2 59	25 54	2 57	20 53	1 2	24 27	0 32	4 26	2 24	22 56	0 14	22 4	0 33	10 13	5 0	20 49	21 5	3 54			n.a.
T 10	12 3	21 19	5 1	7 55	3 11	25 57	2 54	21 2	1 2	24 27	0 33	4 23	2 24	22 56	0 14	22 4	0 33	10 13	5 0	20 49	21 4	3 57			n.a.
F 11	12 23	17 23	5 12	7 33	3 22	26 0	2 51	21 11	1 2	24 27	0 33	4 20	2 24	22 56	0 14	22 4	0 33	10 14	5 0	20 49	21 3	4 0			n.a.
S 12	12 43	12 48	5 9	7 13	3 32	26 2	2 48	21 20	1 2	24 28	0 33	4 18	2 24	22 55	0 14	22 4	0 33	10 14	5 0	20 48	21 3	4 3			n.a.
S 13	13 3	7 47	4 53	6 55	3 40	26 3	2 45	21 28	1 3	24 28	0 33	4 15	2 24	22 55	0 14	22 5	0 33	10 15	4 59	20 47	21 2	4 7			n.a.
M14	13 23	2 31	4 24	6 39	3 47	26 4	2 42	21 37	1 3	24 28	0 34	4 12	2 24	22 55	0 14	22 5	0 33	10 16	4 59	20 46	21 1	4 10			n.a.
T 15	13 42	2s49	3 43	6 26	3 53	26 5	2 38	21 45	1 3	24 28	0 34	4 10	2 25	22 55	0 14	22 5	0 32	10 16	4 59	20 45	21 1	4 13			n.a.
W16	14 1	8 3	2 53	6 16	3 57	26 4	2 34	21 53	1 3	24 29	0 34	4 7	2 25	22 54	0 14	22 5	0 32	10 17	4 59	20 45	21 0	4 16			n.a.
T 17	14 21	13 2	1 56	6 8	4 0	26 4	2 30	22 1	1 3	24 29	0 34	4 5	2 25	22 54	0 14	22 6	0 32	10 17	4 59	20 44	20 59	4 19			n.a.
F 18	14 39	17 35	0 53	6 3	4 2	26 2	2 26	22 9	1 4	24 29	0 35	4 2	2 25	22 54	0 14	22 6	0 32	10 18	4 59	20 44	20 59	4 22			n.a.
S 19	14 58	21 27	0s13	6 1	4 3	26 0	2 21	22 17	1 4	24 29	0 35	4 0	2 25	22 54	0 14	22 6	0 32	10 18	4 59	20 44	20 58	4 26			n.a.
S 20	15 16	24 26	1 20	6 2	4 2	25 58	2 16	22 24	1 4	24 29	0 35	3 57	2 25	22 53	0 14	22 7	0 32	10 19	4 59	20 44	20 58	4 29			n.a.
M21	15 34	26 18	2 23	6 6	4 0	25 55	2 11	22 32	1 4	24 29	0 35	3 55	2 25	22 53	0 14	22 7	0 32	10 19	4 59	20 44	20 57	4 32			n.a.
T 22	15 52	26 52	3 21	6 13	3 57	25 52	2 6	22 39	1 4	24 30	0 36	3 53	2 26	22 53	0 14	22 7	0 32	10 20	4 59	20 44	20 56	4 35			n.a.
W23	16 10	26 0	4 11	6 23	3 52	25 48	2 0	22 46	1 5	24 30	0 36	3 50	2 26	22 53	0 14	22 8	0 32	10 20	4 59	20 45	20 56	4 38			n.a.
T 24	16 27	23 42	4 48	6 36	3 47	25 43	1 54	22 53	1 5	24 30	0 36	3 48	2 26	22 52	0 14	22 8	0 32	10 21	4 59	20 45	20 55	4 41			n.a.
F 25	16 44	20 3	5 10	6 51	3 41	25 38	1 47	23 0	1 5	24 30	0 36	3 46	2 26	22 52	0 14	22 8	0 32	10 21	4 59	20 45	20 54	4 45			n.a.
S 26	17 1	15 12	5 16	7 9	3 34	25 32	1 41	23 6	1 5	24 30	0 37	3 43	2 26	22 52	0 14	22 8	0 32	10 22	4 59	20 45	20 54	4 48			n.a.
S 27	17 18	9 25	5 2	7 30	3 26	25 26	1 34	23 13	1 5	24 30	0 37	3 41	2 27	22 52	0 14	22 9	0 32	10 22	4 59	20 44	20 53	4 51			n.a.
M28	17 34	3 0	4 29	7 53	3 17	25 20	1 27	23 19	1 5	24 31	0 37	3 39	2 27	22 51	0 14	22 9	0 32	10 23	4 59	20 44	20 52	4 54			n.a.
T 29	17 50	3n42	3 37	8 18	3 8	25 13	1 19	23 25	1 6	24 31	0 37	3 37	2 27	22 51	0 14	22 9	0 32	10 23	4 59	20 44	20 52	4 57			n.a.
W30	18 6	10 17	2 30	8 46	2 58	25 6	1 11	23 31	1 6	24 31	0 38	3 34	2 27	22 51	0 14	22 10	0 32	10 24	4 59	20 44	20 51	5 0			n.a.
T 31	18n22	16n17	1s12	9n16	2s47	24n58	1n 3	23n37	1n 6	24s31	0s38	3s32	2s27	22s50	0s14	22n10	0s32	10n24	4s59	20n43	20n50	5s 4			n.a.

Julian Day Number = 977529.5, Delta T = 13h17m49s
Ecliptic obliquity = 23°55'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°09'02, Lahiri = -32°02'01 Julian Calendar 1 May 2037 BCE == Greg. Calendar 14 Apr. 2037 BCE

The year -2036 astronomical counting style corresponds to year 2037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

JUNE 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 30 11	21♉54'36	2♊29	1♉29	28♊27	11♊26	26°R33	26♓54	11°R20	12♊ 5	10♉ 3	0°D45	1♊14	20♎37	n.a.	F 1
S 2	15 34 8	22°51'46	17° 5	2°36	28°48	12° 4	26♐27	27° 0	11♐18	12° 7	10° 4	0♊45	1°11	20°44	n.a.	S 2
S 3	15 38 4	23°48'56	1♋19	3°46	29° 8	12°42	26°22	27° 6	11°15	12° 9	10° 6	0°45	1° 8	20°50	n.a.	S 3
M 4	15 42 1	24°46'07	15° 8	5° 2	29°25	13°20	26°17	27°11	11°13	12°11	10° 7	0°46	1° 4	20°57	n.a.	M 4
T 5	15 45 58	25°43'18	28°32	6°21	29°40	13°58	26°11	27°16	11°11	12°13	10° 9	0°46	1° 1	21° 4	n.a.	T 5
W 6	15 49 54	26°40'30	11♌30	7°46	29°54	14°36	26° 5	27°22	11° 9	12°15	10°10	0°47	0°58	21°10	n.a.	W 6
T 7	15 53 51	27°37'42	24° 7	9°14	0♍ 5	15°14	25°59	27°27	11° 6	12°17	10°12	0°R47	0°55	21°17	n.a.	T 7
F 8	15 57 47	28°34'55	6♍27	10°47	0°14	15°51	25°53	27°32	11° 4	12°20	10°13	0°47	0°52	21°24	n.a.	F 8
S 9	16 1 44	29°32'09	18°32	12°24	0°22	16°29	25°47	27°37	11° 2	12°22	10°14	0°47	0°49	21°30	n.a.	S 9
S 10	16 5 40	0♊29'23	0♎28	14° 4	0°26	17° 7	25°41	27°42	10°59	12°24	10°16	0°D47	0°45	21°37	n.a.	S 10
M11	16 9 37	1°26'37	12°19	15°49	0°29	17°45	25°34	27°47	10°57	12°26	10°17	0°47	0°42	21°44	n.a.	M11
T 12	16 13 33	2°23'53	24° 9	17°36	0°R30	18°23	25°28	27°52	10°55	12°28	10°19	0°47	0°39	21°50	n.a.	T 12
W13	16 17 30	3°21'09	6♏ 1	19°27	0°28	19° 1	25°21	27°57	10°52	12°30	10°20	0°47	0°36	21°57	n.a.	W13
T 14	16 21 27	4°18'27	17°59	21°21	0°23	19°39	25°14	28° 2	10°50	12°33	10°21	0°47	0°33	22° 4	n.a.	T 14
F 15	16 25 23	5°15'45	0♐ 3	23°17	0°17	20°17	25° 7	28° 6	10°48	12°35	10°23	0°R47	0°30	22°11	n.a.	F 15
S 16	16 29 20	6°13'04	12°18	25°15	0° 8	20°55	25° 0	28°11	10°45	12°37	10°24	0°47	0°26	22°17	n.a.	S 16
S 17	16 33 16	7°10'25	24°43	27°15	29♊56	21°33	24°53	28°15	10°43	12°39	10°26	0°47	0°23	22°24	n.a.	S 17
M18	16 37 13	8° 7'47	7♑20	29°17	29°43	22°11	24°46	28°20	10°40	12°42	10°27	0°46	0°20	22°31	n.a.	M18
T 19	16 41 9	9° 5'10	20°11	1♊20	29°27	22°49	24°39	28°24	10°38	12°44	10°28	0°45	0°17	22°37	n.a.	T 19
W20	16 45 6	10° 2'35	3♒16	3°23	29° 8	23°28	24°32	28°28	10°36	12°46	10°30	0°44	0°14	22°44	n.a.	W20
T 21	16 49 3	11° 0'01	16°37	5°27	28°48	24° 6	24°24	28°32	10°33	12°48	10°31	0°43	0°10	22°51	n.a.	T 21
F 22	16 52 59	11°57'28	0♓13	7°32	28°25	24°44	24°17	28°36	10°31	12°50	10°32	0°42	0° 7	22°57	n.a.	F 22
S 23	16 56 56	12°54'57	14° 5	9°36	28° 0	25°22	24° 9	28°40	10°28	12°53	10°33	0°D42	0° 4	23° 4	n.a.	S 23
S 24	17 0 52	13°52'28	28°11	11°40	27°34	26° 0	24° 2	28°44	10°26	12°55	10°35	0°42	0° 1	23°11	n.a.	S 24
M25	17 4 49	14°50'00	12♈32	13°44	27° 5	26°38	23°54	28°48	10°24	12°57	10°36	0°43	29♉58	23°17	n.a.	M25
T 26	17 8 45	15°47'34	27° 3	15°47	26°35	27°17	23°47	28°52	10°21	12°59	10°37	0°44	29°55	23°24	n.a.	T 26
W27	17 12 42	16°45'10	11♉42	17°49	26° 3	27°55	23°39	28°55	10°19	13° 2	10°38	0°45	29°51	23°31	n.a.	W27
T 28	17 16 38	17°42'47	26°21	19°50	25°30	28°33	23°31	28°59	10°17	13° 4	10°40	0°R46	29°48	23°37	n.a.	T 28
F 29	17 20 35	18°40'26	10♊56	21°50	24°56	29°11	23°23	29° 2	10°14	13° 6	10°41	0°46	29°45	23°44	n.a.	F 29
S 30	17 24 32	19♊38'07	25♊20	23♊48	24♊21	29♊50	23♐15	29♓ 5	10♐12	13♊ 8	10♉42	0♊45	29♉42	23♎51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n37	21n15	0n10	9n48	2s36	24n50	0n54	23n42	1n 6	24s31	0s38	3s30	2s28	22s50	0s14	22n10	0s32	10n25	4s59	20n43	20n50	5s 7		n.a.
S 2	18 52	24 46	1 29	10 22	2 24	24 41	0 45	23 48	1 6	24 31	0 38	3 28	2 28	22 50	0 14	22 11	0 32	10 25	4 59	20 43	20 49	5 10		n.a.
S 3	19 7	26 37	2 42	10 58	2 12	24 32	0 36	23 53	1 6	24 31	0 39	3 26	2 28	22 50	0 14	22 11	0 32	10 26	4 59	20 44	20 48	5 13		n.a.
M 4	19 21	26 44	3 42	11 35	2 0	24 22	0 27	23 58	1 7	24 31	0 39	3 24	2 28	22 49	0 14	22 11	0 32	10 26	4 59	20 44	20 48	5 16		n.a.
T 5	19 35	25 15	4 29	12 14	1 47	24 12	0 17	24 3	1 7	24 31	0 39	3 22	2 28	22 49	0 14	22 11	0 32	10 27	4 58	20 44	20 47	5 19		n.a.
W 6	19 49	22 28	5 0	12 53	1 35	24 2	0 6	24 8	1 7	24 31	0 39	3 20	2 29	22 49	0 14	22 12	0 32	10 27	4 58	20 44	20 46	5 22		n.a.
T 7	20 2	18 41	5 15	13 35	1 22	23 51	0s 4	24 12	1 7	24 31	0 40	3 18	2 29	22 48	0 14	22 12	0 32	10 28	4 58	20 44	20 46	5 26		n.a.
F 8	20 15	14 12	5 16	14 16	1 9	23 40	0 15	24 16	1 7	24 32	0 40	3 16	2 29	22 48	0 15	22 12	0 32	10 28	4 58	20 44	20 45	5 29		n.a.
S 9	20 28	9 14	5 2	14 59	0 56	23 29	0 27	24 21	1 7	24 32	0 40	3 14	2 29	22 48	0 15	22 13	0 32	10 28	4 58	20 44	20 44	5 32		n.a.
S 10	20 40	4 1	4 36	15 42	0 43	23 17	0 39	24 25	1 7	24 32	0 40	3 12	2 29	22 47	0 15	22 13	0 32	10 29	4 58	20 44	20 44	5 35		n.a.
M11	20 52	1s20	3 58	16 25	0 31	23 5	0 51	24 28	1 8	24 32	0 40	3 11	2 30	22 47	0 15	22 13	0 32	10 29	4 58	20 44	20 43	5 38		n.a.
T 12	21 4	6 37	3 10	17 8	0 18	22 53	1 3	24 32	1 8	24 32	0 41	3 9	2 30	22 47	0 15	22 14	0 32	10 30	4 58	20 44	20 42	5 41		n.a.
W13	21 15	11 43	2 13	17 51	0 6	22 40	1 16	24 35	1 8	24 32	0 41	3 7	2 30	22 46	0 15	22 14	0 32	10 30	4 58	20 44	20 42	5 45		n.a.
T 14	21 26	16 25	1 11	18 33	0n 6	22 27	1 29	24 39	1 8	24 32	0 41	3 5	2 30	22 46	0 15	22 14	0 32	10 31	4 58	20 44	20 41	5 48		n.a.
F 15	21 37	20 31	0 4	19 15	0 17	22 14	1 42	24 42	1 8	24 31	0 41	3 4	2 31	22 46	0 15	22 14	0 32	10 31	4 58	20 44	20 40	5 51		n.a.
S 16	21 47	23 47	1s 3	19 55	0 28	22 1	1 55	24 45	1 8	24 31	0 41	3 2	2 31	22 45	0 15	22 15	0 32	10 32	4 58	20 44	20 40	5 54		n.a.
S 17	21 57	25 58	2 9	20 34	0 38	21 47	2 9	24 47	1 8	24 31	0 42	3 1	2 31	22 45	0 15	22 15	0 32	10 32	4 58	20 44	20 39	5 57		n.a.
M18	22 7	26 52	3 9	21 11	0 48	21 33	2 23	24 50	1 8	24 31	0 42	2 59	2 31	22 45	0 15	22 15	0 32	10 32	4 58	20 44	20 38	6 0		n.a.
T 19	22 16	26 21	4 1	21 46	0 57	21 19	2 37	24 52	1 9	24 31	0 42	2 57	2 32	22 44	0 15	22 16	0 32	10 33	4 58	20 44	20 38	6 4		n.a.
W20	22 25	24 22	4 41	22 20	1 5	21 5	2 51	24 54	1 9	24 31	0 42	2 56	2 32	22 44	0 15	22 16	0 32	10 33	4 58	20 43	20 37	6 7		n.a.
T 21	22 33	21 2	5 7	22 51	1 13	20 50	3 5	24 56	1 9	24 31	0 43	2 55	2 32	22 44	0 15	22 16	0 32	10 34	4 58	20 43	20 36	6 10		n.a.
F 22	22 41	16 32	5 17	23 19	1 20	20 36	3 20	24 58	1 9	24 31	0 43	2 53	2 32	22 43	0 15	22 17	0 32	10 34	4 58	20 43	20 35	6 13		n.a.
S 23	22 49	11 6	5 8	23 45	1 26	20 21	3 34	25 0	1 9	24 31	0 43	2 52	2 33	22 43	0 15	22 17	0 32	10 34	4 58	20 43	20 35	6 16		n.a.
S 24	22 56	5 1	4 41	24 9	1 31	20 6	3 48	25 1	1 9	24 31	0 43	2 50	2 33	22 43	0 15	22 17	0 32	10 35	4 58	20 43	20 34	6 19		n.a.
M25	23 3	1n26	3 56	24 30	1 36	19 52	4 2	25 2	1 9	24 30	0 43	2 49	2 33	22 42	0 15	22 17	0 32	10 35	4 58	20 43	20 33	6 23		n.a.
T 26	23 9	7 54	2 56	24 48	1 40	19 37	4 16	25 3	1 9	24 30	0 43	2 48	2 33	22 42	0 15	22 18	0 32	10 36	4 58	20 43	20 33	6 26		n.a.
W27	23 15	14 1	1 44	25 4	1 43	19 23	4 30	25 4	1 9	24 30	0 44	2 47	2 34	22 42	0 15	22 18	0 32	10 36	4 58	20 44	20 32	6 29		n.a.
T 28	23 21	19 20	0 24	25 17	1 45	19 8	4 43	25 5	1 9	24 30	0 44	2 46	2 34	22 41	0 15	22 18	0 32	10 36	4 58	20 44	20 31	6 32		n.a.
F 29	23 26	23 28	0n56	25 27	1 47	18 54	4 56	25 5	1 9	24 30	0 44	2 44	2 34	22 41	0 15	22 19	0 32	10 37	4 58	20 44	20 31	6 35		n.a.
S 30	23n31	26n 2	2n12	25n35	1n49	18n40	5s 8	25n 5	1n10	24s29	0s44	2s43	2s34	22s41	0s15	22n19	0s32	10n37	4s58	20n43	20n30	6s38		n.a.

Julian Day Number = 977560.5, Delta T = 13h17m47s
Ecliptic obliquity = 23°55'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'57, Lahiri = -32°01'57 Julian Calendar 1 June 2037 BCE == Greg. Calendar 15 May 2037 BCE

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

JULY 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 28 28	20♊35'49	9♋28	25♊46	23°R45	0♋28	23°R 8	29♓ 8	10°R 9	13♊10	10♉43	0°R43	29♉39	23♎57	n.a.	S 1
M 2	17 32 25	21°33'32	23°15	27°42	23♊ 8	1° 6	23♐ 0	29°12	10♐ 7	13°13	10°44	0♊40	29°36	24° 4	n.a.	M 2
T 3	17 36 21	22°31'17	6♌39	29°37	22°31	1°45	22°52	29°15	10° 5	13°15	10°46	0°37	29°32	24°11	n.a.	T 3
W 4	17 40 18	23°29'03	19°40	1♋31	21°55	2°23	22°44	29°17	10° 3	13°17	10°47	0°34	29°29	24°17	n.a.	W 4
T 5	17 44 14	24°26'51	2♍19	3°23	21°18	3° 1	22°36	29°20	10° 0	13°19	10°48	0°31	29°26	24°24	n.a.	T 5
F 6	17 48 11	25°24'40	14°40	5°14	20°42	3°40	22°28	29°23	9°58	13°21	10°49	0°30	29°23	24°31	n.a.	F 6
S 7	17 52 8	26°22'30	26°46	7° 3	20° 6	4°18	22°20	29°26	9°56	13°24	10°50	0°D29	29°20	24°37	n.a.	S 7
S 8	17 56 4	27°20'22	8♎42	8°51	19°31	4°57	22°13	29°28	9°53	13°26	10°51	0°30	29°16	24°44	n.a.	S 8
M 9	18 0 1	28°18'15	20°33	10°38	18°58	5°35	22° 5	29°30	9°51	13°28	10°52	0°31	29°13	24°51	n.a.	M 9
T 10	18 3 57	29°16'10	2♏24	12°24	18°25	6°14	21°57	29°33	9°49	13°30	10°53	0°33	29°10	24°57	n.a.	T 10
W11	18 7 54	0♋14'06	14°18	14° 8	17°55	6°52	21°49	29°35	9°47	13°32	10°54	0°34	29° 7	25° 4	n.a.	W11
T 12	18 11 50	1°12'04	26°21	15°50	17°25	7°31	21°42	29°37	9°45	13°34	10°55	0°R35	29° 4	25°11	n.a.	T 12
F 13	18 15 47	2°10'04	8♐35	17°32	16°58	8° 9	21°34	29°39	9°42	13°37	10°56	0°35	29° 1	25°17	n.a.	F 13
S 14	18 19 43	3° 8'05	21° 2	19°12	16°32	8°48	21°27	29°41	9°40	13°39	10°57	0°33	28°57	25°24	n.a.	S 14
S 15	18 23 40	4° 6'08	3♑45	20°51	16° 9	9°26	21°19	29°43	9°38	13°41	10°58	0°30	28°54	25°31	n.a.	S 15
M16	18 27 37	5° 4'13	16°44	22°28	15°48	10° 5	21°12	29°44	9°36	13°43	10°59	0°26	28°51	25°37	n.a.	M16
T 17	18 31 33	6° 2'20	29°58	24° 5	15°29	10°44	21° 4	29°46	9°34	13°45	11° 0	0°20	28°48	25°44	n.a.	T 17
W18	18 35 30	7° 0'29	13♒26	25°40	15°12	11°22	20°57	29°47	9°32	13°47	11° 1	0°14	28°45	25°51	n.a.	W18
T 19	18 39 26	7°58'40	27° 6	27°14	14°58	12° 1	20°50	29°49	9°30	13°49	11° 2	0° 9	28°42	25°57	n.a.	T 19
F 20	18 43 23	8°56'53	10♓56	28°46	14°46	12°40	20°43	29°50	9°28	13°51	11° 3	0° 4	28°38	26° 4	n.a.	F 20
S 21	18 47 19	9°55'09	24°55	0♌17	14°36	13°19	20°36	29°51	9°26	13°53	11° 4	0° 2	28°35	26°11	n.a.	S 21
S 22	18 51 16	10°53'26	8♈59	1°47	14°29	13°57	20°29	29°52	9°24	13°55	11° 5	0°D 1	28°32	26°17	n.a.	S 22
M23	18 55 12	11°51'46	23° 9	3°16	14°24	14°36	20°22	29°53	9°22	13°57	11° 6	0° 1	28°29	26°24	n.a.	M23
T 24	18 59 9	12°50'09	7♉22	4°44	14°D22	15°15	20°15	29°54	9°20	13°59	11° 6	0° 2	28°26	26°31	n.a.	T 24
W25	19 3 5	13°48'33	21°37	6°10	14°22	15°54	20° 9	29°54	9°18	14° 1	11° 7	0° 3	28°22	26°37	n.a.	W25
T 26	19 7 2	14°47'00	5♊50	7°35	14°24	16°33	20° 2	29°55	9°17	14° 3	11° 8	0°R 4	28°19	26°44	n.a.	T 26
F 27	19 10 59	15°45'29	20° 0	8°58	14°29	17°12	19°56	29°55	9°15	14° 5	11° 9	0° 2	28°16	26°51	n.a.	F 27
S 28	19 14 55	16°44'01	4♋ 1	10°21	14°36	17°50	19°50	29°56	9°13	14° 7	11° 9	29♉58	28°13	26°57	n.a.	S 28
S 29	19 18 52	17°42'35	17°51	11°42	14°45	18°29	19°44	29°56	9°11	14° 9	11°10	29°52	28°10	27° 4	n.a.	S 29
M30	19 22 48	18°41'10	1♌26	13° 1	14°56	19° 8	19°38	29°56	9°10	14°11	11°11	29°44	28° 7	27°11	n.a.	M30
T 31	19 26 45	19♋39'48	14♌42	14♌19	15♊ 9	19♋47	19♐32	29°R56	9♐ 8	14♊13	11♉11	29♉36	28♉ 3	27♎17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n35	26n52	3n17	25n41	1n49	18n26	5s21	25n 5	1n10	24s29	0s44	2s42	2s35	22s40	0s15	22n19	0s32	10n37	4s58	20n43	20n29	6s41			n.a.
M 2	23 39	25 59	4 10	25 44	1 49	18 13	5 32	25 5	1 10	24 29	0 45	2 41	2 35	22 40	0 15	22 20	0 32	10 38	4 59	20 42	20 29	6 45			n.a.
T 3	23 43	23 37	4 48	25 44	1 49	18 0	5 43	25 5	1 10	24 29	0 45	2 40	2 35	22 40	0 15	22 20	0 32	10 38	4 59	20 42	20 28	6 48			n.a.
W 4	23 46	20 5	5 9	25 43	1 48	17 48	5 54	25 4	1 10	24 28	0 45	2 39	2 35	22 39	0 15	22 20	0 32	10 38	4 59	20 41	20 27	6 51			n.a.
T 5	23 49	15 44	5 14	25 39	1 46	17 36	6 3	25 3	1 10	24 28	0 45	2 38	2 36	22 39	0 15	22 20	0 32	10 39	4 59	20 41	20 26	6 54			n.a.
F 6	23 51	10 49	5 5	25 33	1 44	17 24	6 13	25 3	1 10	24 28	0 45	2 38	2 36	22 39	0 15	22 21	0 32	10 39	4 59	20 40	20 26	6 57			n.a.
S 7	23 53	5 36	4 42	25 25	1 41	17 13	6 21	25 1	1 10	24 27	0 45	2 37	2 36	22 38	0 15	22 21	0 32	10 39	4 59	20 40	20 25	7 0			n.a.
S 8	23 54	0 15	4 7	25 15	1 38	17 3	6 29	25 0	1 10	24 27	0 45	2 36	2 37	22 38	0 15	22 21	0 32	10 40	4 59	20 40	20 24	7 3			n.a.
M 9	23 55	5s 4	3 22	25 4	1 35	16 53	6 36	24 59	1 10	24 27	0 46	2 35	2 37	22 38	0 15	22 22	0 32	10 40	4 59	20 41	20 24	7 7			n.a.
T 10	23 56	10 14	2 29	24 51	1 31	16 45	6 42	24 57	1 10	24 26	0 46	2 35	2 37	22 37	0 15	22 22	0 32	10 40	4 59	20 41	20 23	7 10			n.a.
W11	23 56	15 3	1 28	24 36	1 26	16 37	6 47	24 55	1 10	24 26	0 46	2 34	2 37	22 37	0 15	22 22	0 32	10 41	4 59	20 41	20 22	7 13			n.a.
T 12	23 55	19 21	0 23	24 19	1 22	16 29	6 52	24 53	1 10	24 26	0 46	2 33	2 38	22 37	0 15	22 22	0 32	10 41	4 59	20 41	20 22	7 16			n.a.
F 13	23 55	22 54	0s44	24 1	1 17	16 23	6 56	24 50	1 10	24 25	0 46	2 33	2 38	22 36	0 15	22 23	0 32	10 41	4 59	20 41	20 21	7 19			n.a.
S 14	23 53	25 26	1 49	23 42	1 12	16 17	6 59	24 48	1 10	24 25	0 46	2 32	2 38	22 36	0 15	22 23	0 32	10 41	4 59	20 41	20 20	7 22			n.a.
S 15	23 52	26 44	2 51	23 22	1 6	16 13	7 1	24 45	1 10	24 25	0 46	2 32	2 39	22 36	0 15	22 23	0 32	10 42	4 59	20 40	20 19	7 26			n.a.
M16	23 50	26 35	3 45	23 0	1 0	16 9	7 3	24 42	1 10	24 24	0 46	2 32	2 39	22 35	0 15	22 23	0 32	10 42	4 59	20 39	20 19	7 29			n.a.
T 17	23 47	24 56	4 28	22 37	0 54	16 6	7 4	24 39	1 10	24 24	0 47	2 31	2 39	22 35	0 15	22 24	0 32	10 42	4 59	20 38	20 18	7 32			n.a.
W18	23 44	21 52	4 57	22 13	0 48	16 4	7 4	24 36	1 10	24 23	0 47	2 31	2 39	22 35	0 15	22 24	0 32	10 42	4 59	20 37	20 17	7 35			n.a.
T 19	23 41	17 34	5 10	21 49	0 41	16 2	7 4	24 33	1 10	24 23	0 47	2 31	2 40	22 34	0 15	22 24	0 32	10 43	4 59	20 36	20 17	7 38			n.a.
F 20	23 37	12 17	5 5	21 23	0 34	16 2	7 3	24 29	1 10	24 23	0 47	2 30	2 40	22 34	0 15	22 24	0 32	10 43	4 59	20 35	20 16	7 41			n.a.
S 21	23 33	6 21	4 42	20 56	0 27	16 2	7 2	24 25	1 10	24 22	0 47	2 30	2 40	22 34	0 15	22 25	0 32	10 43	4 59	20 34	20 15	7 44			n.a.
S 22	23 28	0 3	4 2	20 29	0 20	16 3	7 0	24 21	1 10	24 22	0 47	2 30	2 41	22 33	0 15	22 25	0 32	10 43	4 59	20 34	20 14	7 48			n.a.
M23	23 23	6n18	3 7	20 1	0 12	16 5	6 58	24 17	1 10	24 21	0 47	2 30	2 41	22 33	0 15	22 25	0 32	10 44	4 59	20 34	20 14	7 51			n.a.
T 24	23 18	12 22	2 0	19 33	0 4	16 7	6 55	24 12	1 10	24 21	0 47	2 30	2 41	22 33	0 15	22 25	0 32	10 44	4 59	20 34	20 13	7 54			n.a.
W25	23 12	17 48	0 46	19 4	0s 3	16 10	6 52	24 8	1 10	24 21	0 47	2 30	2 41	22 33	0 15	22 26	0 32	10 44	4 59	20 35	20 12	7 57			n.a.
T 26	23 5	22 14	0n31	18 34	0 11	16 14	6 48	24 3	1 10	24 20	0 47	2 30	2 42	22 32	0 15	22 26	0 32	10 44	4 59	20 35	20 12	8 0			n.a.
F 27	22 59	25 18	1 46	18 4	0 19	16 19	6 44	23 58	1 10	24 20	0 48	2 30	2 42	22 32	0 15	22 26	0 32	10 44	4 59	20 34	20 11	8 3			n.a.
S 28	22 51	26 45	2 53	17 34	0 28	16 24	6 40	23 53	1 10	24 19	0 48	2 30	2 42	22 32	0 15	22 26	0 32	10 45	5 0	20 33	20 10	8 6			n.a.
S 29	22 44	26 29	3 49	17 3	0 36	16 29	6 35	23 47	1 10	24 19	0 48	2 30	2 43	22 31	0 15	22 27	0 32	10 45	5 0	20 32	20 9	8 10			n.a.
M30	22 36	24 38	4 30	16 33	0 44	16 36	6 30	23 42	1 10	24 18	0 48	2 30	2 43	22 31	0 15	22 27	0 32	10 45	5 0	20 30	20 9	8 13			n.a.
T 31	22n27	21n28	4n56	16n 2	0s53	16n42	6s25	23n36	1n10	24s18	0s48	2s31	2s43	22s31	0s15	22n27	0s32	10n45	5s 0	20n29	20n 8	8s16			n.a.

Julian Day Number = 977590.5, Delta T = 13h17m45s
Ecliptic obliquity = 23°55'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'53, Lahiri = -32°01'53 Julian Calendar 1 July 2037 BCE == Greg. Calendar 14 June 2037 BCE

The year -2036 astronomical counting style corresponds to year 2037 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

AUGUST 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 30 41	20♋38'28	27♌39	15♌35	15♊25	20♋26	19°R26	29°R56	9°R 6	14♊15	11♉12	29°R27	28♉ 0	27♎24	n.a.	W 1
T 2	19 34 38	21°37'09	10♍16	16°50	15°42	21° 5	19♐21	29♓56	9♐ 5	14°17	11°13	29♉19	27°57	27°31	n.a.	T 2
F 3	19 38 34	22°35'53	22°37	18° 3	16° 1	21°45	19°15	29°55	9° 3	14°19	11°13	29°13	27°54	27°37	n.a.	F 3
S 4	19 42 31	23°34'38	4♎42	19°15	16°22	22°24	19°10	29°55	9° 2	14°20	11°14	29° 9	27°51	27°44	n.a.	S 4
S 5	19 46 28	24°33'26	16°38	20°24	16°45	23° 3	19° 5	29°54	9° 0	14°22	11°14	29° 7	27°48	27°51	n.a.	S 5
M 6	19 50 24	25°32'15	28°28	21°32	17° 9	23°42	19° 0	29°54	8°59	14°24	11°15	29°D 6	27°44	27°57	n.a.	M 6
T 7	19 54 21	26°31'06	10♏18	22°37	17°36	24°21	18°55	29°53	8°58	14°26	11°16	29° 7	27°41	28° 4	n.a.	T 7
W 8	19 58 17	27°29'59	22°13	23°40	18° 3	25° 0	18°51	29°52	8°56	14°27	11°16	29° 8	27°38	28°11	n.a.	W 8
T 9	20 2 14	28°28'54	4♐18	24°41	18°33	25°40	18°46	29°51	8°55	14°29	11°17	29°R 8	27°35	28°17	n.a.	T 9
F 10	20 6 10	29°27'51	16°38	25°39	19° 4	26°19	18°42	29°50	8°54	14°31	11°17	29° 6	27°32	28°24	n.a.	F 10
S 11	20 10 7	0♌26'51	29°16	26°35	19°36	26°58	18°38	29°49	8°53	14°33	11°17	29° 2	27°28	28°31	n.a.	S 11
S 12	20 14 3	1°25'52	12♑15	27°27	20°10	27°37	18°34	29°47	8°51	14°34	11°18	28°56	27°25	28°37	n.a.	S 12
M13	20 18 0	2°24'55	25°34	28°16	20°45	28°17	18°30	29°46	8°50	14°36	11°18	28°47	27°22	28°44	n.a.	M13
T 14	20 21 56	3°24'01	9♒13	29° 2	21°21	28°56	18°27	29°44	8°49	14°38	11°19	28°37	27°19	28°51	n.a.	T 14
W15	20 25 53	4°23'08	23° 8	29°44	21°59	29°36	18°23	29°43	8°48	14°39	11°19	28°26	27°16	28°57	n.a.	W15
T 16	20 29 50	5°22'18	7♓15	0♍21	22°38	0♌15	18°20	29°41	8°47	14°41	11°19	28°16	27°13	29° 4	n.a.	T 16
F 17	20 33 46	6°21'31	21°29	0°55	23°18	0°54	18°17	29°39	8°46	14°42	11°20	28° 8	27° 9	29°11	n.a.	F 17
S 18	20 37 43	7°20'45	5♈45	1°23	23°59	1°34	18°15	29°37	8°45	14°44	11°20	28° 2	27° 6	29°17	n.a.	S 18
S 19	20 41 39	8°20'03	19°59	1°46	24°42	2°13	18°12	29°35	8°44	14°45	11°20	27°58	27° 3	29°24	n.a.	S 19
M20	20 45 36	9°19'22	4♉ 9	2° 3	25°25	2°53	18°10	29°33	8°44	14°47	11°20	27°D57	27° 0	29°31	n.a.	M20
T 21	20 49 32	10°18'45	18°14	2°14	26° 9	3°33	18° 7	29°31	8°43	14°48	11°20	27°57	26°57	29°37	n.a.	T 21
W22	20 53 29	11°18'10	2♊13	2°R19	26°55	4°12	18° 5	29°28	8°42	14°50	11°21	27°R57	26°54	29°44	n.a.	W22
T 23	20 57 25	12°17'37	16° 4	2°16	27°41	4°52	18° 4	29°26	8°42	14°51	11°21	27°56	26°50	29°51	n.a.	T 23
F 24	21 1 22	13°17'07	29°49	2° 6	28°28	5°32	18° 2	29°23	8°41	14°52	11°21	27°52	26°47	29°57	n.a.	F 24
S 25	21 5 18	14°16'40	13♋24	1°48	29°16	6°11	18° 0	29°21	8°40	14°54	11°21	27°46	26°44	0♏ 4	n.a.	S 25
S 26	21 9 15	15°16'15	26°50	1°22	0♋ 5	6°51	17°59	29°18	8°40	14°55	11°21	27°37	26°41	0°11	n.a.	S 26
M27	21 13 12	16°15'52	10♌ 4	0°48	0°55	7°31	17°58	29°15	8°39	14°56	11°21	27°25	26°38	0°17	n.a.	M27
T 28	21 17 8	17°15'31	23° 5	0° 5	1°46	8°11	17°57	29°12	8°39	14°57	11°21	27°12	26°34	0°24	n.a.	T 28
W29	21 21 5	18°15'12	5♍50	29♌15	2°37	8°50	17°57	29° 9	8°39	14°59	11°R21	26°59	26°31	0°31	n.a.	W29
T 30	21 25 1	19°14'56	18°20	28°17	3°29	9°30	17°56	29° 6	8°38	15° 0	11°21	26°46	26°28	0°37	n.a.	T 30
F 31	21 28 58	20♌14'41	0♎35	27♌13	4♋22	10♌10	17♐56	29♓ 3	8♐38	15♊ 1	11♉21	26♉36	26♉25	0♏44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	22n18	17n19	5n 6	15n31	1s 1	16n49	6s20	23n30	1n10	24s18	0s48	2s31	2s43	22s31	0s15	22n27	0s32	10n45	5s 0	20n27	20n 7	8s19					n.a.
T 2	22 9	12 30	5 1	15 0	1 10	16 57	6 14	23 24	1 10	24 17	0 48	2 31	2 44	22 30	0 15	22 28	0 32	10 45	5 0	20 25	20 6	8 22					n.a.
F 3	21 59	7 17	4 42	14 29	1 18	17 4	6 8	23 17	1 10	24 17	0 48	2 32	2 44	22 30	0 15	22 28	0 32	10 45	5 0	20 24	20 6	8 25					n.a.
S 4	21 49	1 54	4 10	13 59	1 27	17 12	6 2	23 11	1 10	24 16	0 48	2 32	2 44	22 30	0 15	22 28	0 32	10 46	5 0	20 23	20 5	8 28					n.a.
S 5	21 39	3s29	3 28	13 28	1 36	17 21	5 56	23 4	1 10	24 16	0 48	2 33	2 45	22 30	0 15	22 28	0 32	10 46	5 0	20 22	20 4	8 31					n.a.
M 6	21 28	8 43	2 37	12 58	1 44	17 29	5 50	22 57	1 10	24 16	0 48	2 33	2 45	22 30	0 15	22 28	0 32	10 46	5 0	20 22	20 4	8 35					n.a.
T 7	21 17	13 38	1 39	12 29	1 53	17 38	5 43	22 50	1 10	24 15	0 48	2 34	2 45	22 29	0 15	22 29	0 32	10 46	5 0	20 22	20 3	8 38					n.a.
W 8	21 5	18 6	0 37	12 0	2 1	17 47	5 37	22 43	1 10	24 15	0 48	2 34	2 45	22 29	0 15	22 29	0 32	10 46	5 0	20 22	20 2	8 41					n.a.
T 9	20 53	21 53	0s28	11 32	2 10	17 57	5 30	22 36	1 10	24 15	0 48	2 35	2 46	22 29	0 15	22 29	0 32	10 46	5 0	20 22	20 1	8 44					n.a.
F 10	20 41	24 46	1 32	11 4	2 18	18 6	5 23	22 28	1 10	24 14	0 48	2 36	2 46	22 29	0 15	22 29	0 32	10 46	5 0	20 22	20 1	8 47					n.a.
S 11	20 28	26 29	2 34	10 37	2 26	18 15	5 16	22 20	1 10	24 14	0 48	2 36	2 46	22 29	0 15	22 29	0 32	10 46	5 0	20 21	20 0	8 50					n.a.
S 12	20 15	26 49	3 29	10 12	2 34	18 25	5 9	22 12	1 10	24 14	0 48	2 37	2 46	22 28	0 15	22 30	0 32	10 46	5 0	20 20	19 59	8 53					n.a.
M13	20 1	25 37	4 14	9 47	2 42	18 34	5 2	22 4	1 10	24 13	0 48	2 38	2 47	22 28	0 15	22 30	0 32	10 46	5 0	20 18	19 58	8 56					n.a.
T 14	19 48	22 54	4 46	9 24	2 50	18 44	4 55	21 56	1 10	24 13	0 48	2 39	2 47	22 28	0 15	22 30	0 32	10 46	5 1	20 16	19 58	9 0					n.a.
W15	19 33	18 49	5 1	9 3	2 57	18 53	4 48	21 47	1 10	24 13	0 48	2 40	2 47	22 28	0 15	22 30	0 32	10 46	5 1	20 13	19 57	9 3					n.a.
T 16	19 19	13 38	4 59	8 43	3 4	19 3	4 41	21 39	1 10	24 13	0 48	2 41	2 47	22 28	0 15	22 30	0 32	10 46	5 1	20 11	19 56	9 6					n.a.
F 17	19 4	7 41	4 38	8 25	3 10	19 12	4 34	21 30	1 10	24 12	0 48	2 42	2 48	22 28	0 15	22 31	0 32	10 47	5 1	20 9	19 55	9 9					n.a.
S 18	18 49	1 20	4 0	8 9	3 16	19 21	4 27	21 21	1 10	24 12	0 48	2 43	2 48	22 27	0 15	22 31	0 32	10 47	5 1	20 8	19 55	9 12					n.a.
S 19	18 33	5n 5	3 7	7 56	3 21	19 30	4 19	21 12	1 10	24 12	0 48	2 44	2 48	22 27	0 15	22 31	0 32	10 47	5 1	20 7	19 54	9 15					n.a.
M20	18 17	11 15	2 3	7 46	3 26	19 39	4 12	21 2	1 9	24 12	0 48	2 45	2 48	22 27	0 15	22 31	0 32	10 47	5 1	20 6	19 53	9 18					n.a.
T 21	18 1	16 47	0 51	7 38	3 30	19 48	4 5	20 53	1 9	24 11	0 48	2 46	2 49	22 27	0 15	22 31	0 32	10 47	5 1	20 6	19 52	9 21					n.a.
W22	17 44	21 24	0n23	7 34	3 32	19 56	3 57	20 43	1 9	24 11	0 48	2 47	2 49	22 27	0 15	22 31	0 32	10 47	5 1	20 6	19 52	9 24					n.a.
T 23	17 28	24 45	1 35	7 33	3 34	20 4	3 50	20 33	1 9	24 11	0 49	2 48	2 49	22 27	0 15	22 32	0 32	10 47	5 1	20 6	19 51	9 28					n.a.
F 24	17 10	26 36	2 40	7 36	3 35	20 12	3 43	20 23	1 9	24 11	0 49	2 50	2 49	22 27	0 15	22 32	0 32	10 47	5 1	20 5	19 50	9 31					n.a.
S 25	16 53	26 49	3 36	7 43	3 34	20 20	3 36	20 13	1 9	24 11	0 48	2 51	2 50	22 27	0 15	22 32	0 32	10 47	5 1	20 4	19 49	9 34					n.a.
S 26	16 35	25 27	4 19	7 55	3 32	20 27	3 28	20 3	1 9	24 11	0 48	2 52	2 50	22 26	0 15	22 32	0 32	10 46	5 1	20 2	19 49	9 37					n.a.
M27	16 17	22 40	4 47	8 11	3 28	20 34	3 21	19 52	1 9	24 11	0 48	2 54	2 50	22 26	0 15	22 32	0 32	10 46	5 1	19 59	19 48	9 40					n.a.
T 28	15 59	18 48	4 59	8 31	3 22	20 41	3 14	19 42	1 9	24 11	0 48	2 55	2 50	22 26	0 15	22 32	0 32	10 46	5 1	19 56	19 47	9 43					n.a.
W29	15 40	14 8	4 57	8 56	3 15	20 48	3 7	19 31	1 9	24 10	0 48	2 56	2 51	22 26	0 15	22 32	0 32	10 46	5 1	19 53	19 46	9 46					n.a.
T 30	15 21	8 59	4 40	9 25	3 5	20 53	3 0	19 20	1 8	24 10	0 48	2 58	2 51	22 26	0 15	22 33	0 32	10 46	5 2	19 50	19 46	9 49					n.a.
F 31	15n 2	3n34	4n10	9n59	2s54	20n59	2s52	19n 9	1n 8	24s10	0s48	2s59	2s51	22s26	0s15	22n33	0s32	10n46	5s 2	19n47	19n45	9s52					n.a.

Julian Day Number = 977621.5, Delta T = 13h17m43s
Ecliptic obliquity = 23°55'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'49, Lahiri = -32°01'49 Julian Calendar 1 Aug. 2037 BCE == Greg. Calendar 15 July 2037 BCE

The year -2036 astronomical counting style corresponds to year 2037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

SEPTEMBER 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 32 54	21♌14'29	12♎38	26°R 4	5♋15	10♌50	17°D56	28°R59	8°R38	15♊ 2	11°R21	26°R28	26♉22	0♏51	n.a.	S 1
S 2	21 36 51	22°14'18	24°31	24♌51	6° 9	11°30	17♐56	28♓56	8♐38	15° 3	11♉21	26♉23	26°19	0°57	n.a.	S 2
M 3	21 40 47	23°14'09	6♏19	23°37	7° 4	12°10	17°57	28°53	8°37	15° 4	11°21	26°20	26°15	1° 4	n.a.	M 3
T 4	21 44 44	24°14'02	18° 7	22°23	7°59	12°50	17°57	28°49	8°37	15° 5	11°21	26°19	26°12	1°11	n.a.	T 4
W 5	21 48 40	25°13'58	0♐ 1	21°12	8°55	13°30	17°58	28°45	8°D37	15° 6	11°21	26°19	26° 9	1°17	n.a.	W 5
T 6	21 52 37	26°13'55	12° 5	20° 6	9°51	14°10	17°59	28°42	8°37	15° 7	11°20	26°19	26° 6	1°24	n.a.	T 6
F 7	21 56 34	27°13'54	24°25	19° 7	10°48	14°50	18° 0	28°38	8°37	15° 8	11°20	26°17	26° 3	1°31	n.a.	F 7
S 8	22 0 30	28°13'54	7♑ 7	18°16	11°46	15°30	18° 2	28°34	8°38	15° 9	11°20	26°13	26° 0	1°37	n.a.	S 8
S 9	22 4 27	29°13'57	20°12	17°35	12°44	16°11	18° 3	28°30	8°38	15°10	11°20	26° 5	25°56	1°44	n.a.	S 9
M10	22 8 23	0♍14'02	3♒44	17° 5	13°42	16°51	18° 5	28°26	8°38	15°11	11°20	25°56	25°53	1°51	n.a.	M10
T 11	22 12 20	1°14'08	17°41	16°47	14°41	17°31	18° 7	28°22	8°38	15°12	11°19	25°44	25°50	1°57	n.a.	T 11
W12	22 16 16	2°14'16	1♓59	16°D40	15°41	18°11	18° 9	28°18	8°39	15°13	11°19	25°32	25°47	2° 4	n.a.	W12
T 13	22 20 13	3°14'26	16°32	16°44	16°41	18°52	18°12	28°14	8°39	15°13	11°19	25°20	25°44	2°11	n.a.	T 13
F 14	22 24 9	4°14'39	1♈13	16°59	17°41	19°32	18°14	28° 9	8°40	15°14	11°18	25°10	25°40	2°17	n.a.	F 14
S 15	22 28 6	5°14'53	15°55	17°24	18°42	20°12	18°17	28° 5	8°40	15°15	11°18	25° 3	25°37	2°24	n.a.	S 15
S 16	22 32 2	6°15'09	0♉30	17°59	19°44	20°53	18°20	28° 0	8°41	15°15	11°17	24°59	25°34	2°31	n.a.	S 16
M17	22 35 59	7°15'28	14°54	18°42	20°45	21°33	18°23	27°56	8°41	15°16	11°17	24°57	25°31	2°37	n.a.	M17
T 18	22 39 56	8°15'49	29° 4	19°33	21°47	22°14	18°26	27°52	8°42	15°17	11°17	24°D57	25°28	2°44	n.a.	T 18
W19	22 43 52	9°16'13	12♊59	20°31	22°50	22°54	18°30	27°47	8°43	15°17	11°16	24°R57	25°25	2°51	n.a.	W19
T 20	22 47 49	10°16'38	26°40	21°35	23°53	23°35	18°34	27°42	8°43	15°18	11°16	24°56	25°21	2°57	n.a.	T 20
F 21	22 51 45	11°17'06	10♋ 8	22°45	24°56	24°15	18°38	27°38	8°44	15°18	11°15	24°53	25°18	3° 4	n.a.	F 21
S 22	22 55 42	12°17'36	23°23	23°58	26° 0	24°56	18°42	27°33	8°45	15°19	11°15	24°47	25°15	3°11	n.a.	S 22
S 23	22 59 38	13°18'08	6♌26	25°16	27° 4	25°37	18°46	27°28	8°46	15°19	11°14	24°38	25°12	3°17	n.a.	S 23
M24	23 3 35	14°18'41	19°18	26°37	28° 8	26°17	18°50	27°24	8°47	15°19	11°13	24°27	25° 9	3°24	n.a.	M24
T 25	23 7 31	15°19'17	1♍59	28° 1	29°12	26°58	18°55	27°19	8°48	15°20	11°13	24°14	25° 5	3°30	n.a.	T 25
W26	23 11 28	16°19'54	14°28	29°27	0♌17	27°39	19° 0	27°14	8°49	15°20	11°12	24° 1	25° 2	3°37	n.a.	W26
T 27	23 15 25	17°20'33	26°45	0♍55	1°22	28°19	19° 5	27° 9	8°50	15°20	11°12	23°49	24°59	3°44	n.a.	T 27
F 28	23 19 21	18°21'14	8♎52	2°25	2°28	29° 0	19°10	27° 4	8°51	15°21	11°11	23°39	24°56	3°50	n.a.	F 28
S 29	23 23 18	19°21'56	20°49	3°56	3°34	29°41	19°16	26°59	8°52	15°21	11°10	23°31	24°53	3°57	n.a.	S 29
S 30	23 27 14	20♍22'40	2♏40	5♍28	4♌40	0♍22	19♐21	26♓54	8♐54	15♊21	11♉10	23♉26	24♉50	4♏ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n43	1s53	3n29	10n35	2s40	21n 4	2s45	18n58	1n 8	24s10	0s48	3s 1	2s51	22s26	0s15	22n33	0s32	10n46	5s 2	19n46	19n44	9s56		n.a.
S 2	14 23	7 13	2 40	11 14	2 25	21 9	2 38	18 46	1 8	24 10	0 48	3 3	2 51	22 26	0 15	22 33	0 32	10 46	5 2	19 44	19 43	9 59		n.a.
M 3	14 3	12 16	1 44	11 55	2 7	21 13	2 31	18 35	1 8	24 10	0 48	3 4	2 51	22 26	0 15	22 33	0 32	10 46	5 2	19 44	19 43	10 2		n.a.
T 4	13 43	16 53	0 43	12 37	1 49	21 17	2 24	18 23	1 8	24 10	0 48	3 6	2 52	22 26	0 15	22 33	0 32	10 46	5 2	19 44	19 42	10 5		n.a.
W 5	13 22	20 53	0s20	13 19	1 29	21 20	2 18	18 11	1 8	24 11	0 48	3 7	2 52	22 26	0 15	22 33	0 32	10 46	5 2	19 44	19 41	10 8		n.a.
T 6	13 2	24 4	1 22	13 59	1 9	21 23	2 11	17 59	1 8	24 11	0 48	3 9	2 52	22 26	0 15	22 33	0 32	10 46	5 2	19 44	19 40	10 11		n.a.
F 7	12 41	26 11	2 23	14 38	0 49	21 25	2 4	17 47	1 7	24 11	0 48	3 11	2 52	22 26	0 15	22 34	0 32	10 46	5 2	19 43	19 40	10 14		n.a.
S 8	12 20	27 2	3 18	15 13	0 29	21 27	1 57	17 35	1 7	24 11	0 48	3 12	2 52	22 26	0 15	22 34	0 32	10 45	5 2	19 42	19 39	10 17		n.a.
S 9	11 59	26 24	4 4	15 44	0 9	21 28	1 51	17 23	1 7	24 11	0 48	3 14	2 53	22 26	0 15	22 34	0 32	10 45	5 2	19 40	19 38	10 20		n.a.
M10	11 37	24 13	4 38	16 11	0n10	21 29	1 44	17 10	1 7	24 11	0 48	3 16	2 53	22 26	0 15	22 34	0 32	10 45	5 2	19 38	19 37	10 23		n.a.
T 11	11 15	20 33	4 57	16 34	0 27	21 29	1 37	16 57	1 7	24 11	0 48	3 18	2 53	22 26	0 15	22 34	0 32	10 45	5 2	19 35	19 37	10 26		n.a.
W12	10 53	15 37	4 58	16 51	0 44	21 29	1 31	16 45	1 7	24 11	0 48	3 20	2 53	22 26	0 15	22 34	0 32	10 45	5 2	19 32	19 36	10 30		n.a.
T 13	10 31	9 42	4 40	17 4	0 58	21 28	1 25	16 32	1 7	24 12	0 48	3 21	2 53	22 26	0 15	22 34	0 32	10 45	5 2	19 29	19 35	10 33		n.a.
F 14	10 9	3 13	4 4	17 12	1 12	21 26	1 18	16 19	1 6	24 12	0 48	3 23	2 53	22 26	0 15	22 34	0 32	10 44	5 2	19 27	19 34	10 36		n.a.
S 15	9 47	3n28	3 11	17 15	1 24	21 24	1 12	16 5	1 6	24 12	0 48	3 25	2 53	22 26	0 15	22 34	0 32	10 44	5 3	19 25	19 33	10 39		n.a.
S 16	9 24	9 55	2 6	17 14	1 34	21 22	1 6	15 52	1 6	24 12	0 48	3 27	2 53	22 27	0 15	22 34	0 32	10 44	5 3	19 24	19 33	10 42		n.a.
M17	9 1	15 48	0 53	17 9	1 42	21 18	1 0	15 39	1 6	24 13	0 48	3 29	2 54	22 27	0 15	22 34	0 32	10 44	5 3	19 24	19 32	10 45		n.a.
T 18	8 38	20 43	0n22	16 59	1 50	21 15	0 54	15 25	1 6	24 13	0 48	3 31	2 54	22 27	0 15	22 34	0 32	10 44	5 3	19 24	19 31	10 48		n.a.
W19	8 15	24 23	1 34	16 46	1 56	21 10	0 48	15 11	1 5	24 13	0 48	3 33	2 54	22 27	0 15	22 34	0 32	10 44	5 3	19 24	19 30	10 51		n.a.
T 20	7 52	26 33	2 40	16 30	2 1	21 5	0 42	14 58	1 5	24 13	0 48	3 35	2 54	22 27	0 15	22 35	0 32	10 43	5 3	19 23	19 30	10 54		n.a.
F 21	7 29	27 7	3 35	16 10	2 4	20 59	0 36	14 44	1 5	24 14	0 48	3 37	2 54	22 27	0 15	22 35	0 32	10 43	5 3	19 23	19 29	10 57		n.a.
S 22	7 5	26 6	4 18	15 47	2 7	20 53	0 30	14 30	1 5	24 14	0 48	3 39	2 54	22 27	0 15	22 35	0 32	10 43	5 3	19 21	19 28	11 0		n.a.
S 23	6 42	23 40	4 47	15 22	2 8	20 46	0 25	14 15	1 5	24 14	0 48	3 41	2 54	22 27	0 15	22 35	0 32	10 43	5 3	19 19	19 27	11 3		n.a.
M24	6 18	20 5	5 0	14 54	2 9	20 39	0 19	14 1	1 4	24 15	0 48	3 43	2 54	22 28	0 15	22 35	0 32	10 43	5 3	19 16	19 26	11 6		n.a.
T 25	5 54	15 37	4 59	14 25	2 8	20 31	0 14	13 47	1 4	24 15	0 48	3 45	2 54	22 28	0 15	22 35	0 32	10 42	5 3	19 13	19 26	11 10		n.a.
W26	5 30	10 34	4 43	13 53	2 8	20 22	0 8	13 32	1 4	24 15	0 48	3 47	2 54	22 28	0 15	22 35	0 32	10 42	5 3	19 10	19 25	11 13		n.a.
T 27	5 6	5 11	4 14	13 20	2 6	20 13	0 3	13 18	1 4	24 16	0 48	3 49	2 54	22 28	0 15	22 35	0 32	10 42	5 3	19 7	19 24	11 16		n.a.
F 28	4 42	0s19	3 34	12 45	2 4	20 3	0n 2	13 3	1 4	24 16	0 48	3 51	2 54	22 28	0 15	22 35	0 32	10 42	5 3	19 4	19 23	11 19		n.a.
S 29	4 18	5 45	2 45	12 8	2 1	19 52	0 7	12 48	1 3	24 17	0 48	3 53	2 54	22 28	0 15	22 35	0 32	10 41	5 3	19 2	19 23	11 22		n.a.
S 30	3n53	10s57	1n48	11n31	1n58	19n41	0n12	12n33	1n 3	24s17	0s48	3s55	2s54	22s29	0s15	22n35	0s32	10n41	5s 3	19n 1	19n22	11s25		n.a.

Julian Day Number = 977652.5, Delta T = 13h17m41s
Ecliptic obliquity = 23°55'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'45, Lahiri = -32°01'45 Julian Calendar 1 Sept. 2037 BCE == Greg. Calendar 15 Aug. 2037 BCE

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

OCTOBER 2037 BCE (-2036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 31 11	21♍23'25	14♏26	7♍ 1	5♌46	1♍ 3	19♐27	26°R49	8♐55	15♊21	11°R 9	23°R24	24♉46	4♏10	n.a.	M 1
T 2	23 35 7	22°24'12	26°12	8°34	6°52	1°44	19°33	26♓44	8°56	15°21	11♉ 8	23°D23	24°43	4°17	n.a.	T 2
W 3	23 39 4	23°25'00	8♐ 4	10° 8	7°59	2°25	19°39	26°39	8°58	15°21	11° 7	23♉24	24°40	4°24	n.a.	W 3
T 4	23 43 0	24°25'49	20° 5	11°43	9° 6	3° 6	19°45	26°34	8°59	15°21	11° 7	23°R25	24°37	4°30	n.a.	T 4
F 5	23 46 57	25°26'40	2♑22	13°18	10°14	3°47	19°51	26°30	9° 1	15°R22	11° 6	23°25	24°34	4°37	n.a.	F 5
S 6	23 50 53	26°27'31	15° 0	14°53	11°21	4°28	19°58	26°25	9° 2	15°21	11° 5	23°23	24°31	4°44	n.a.	S 6
S 7	23 54 50	27°28'24	28° 3	16°28	12°29	5° 9	20° 5	26°20	9° 4	15°21	11° 4	23°19	24°27	4°50	n.a.	S 7
M 8	23 58 47	28°29'18	11♒34	18° 3	13°37	5°50	20°12	26°15	9° 5	15°21	11° 3	23°12	24°24	4°57	n.a.	M 8
T 9	0 2 43	29°30'13	25°34	19°38	14°45	6°31	20°19	26°10	9° 7	15°21	11° 2	23° 4	24°21	5° 4	n.a.	T 9
W10	0 6 40	0♎31'09	10♓ 1	21°13	15°53	7°13	20°26	26° 5	9° 9	15°21	11° 2	22°55	24°18	5°10	n.a.	W10
T 11	0 10 36	1°32'06	24°50	22°48	17° 2	7°54	20°33	26° 0	9°11	15°21	11° 1	22°47	24°15	5°17	n.a.	T 11
F 12	0 14 33	2°33'05	9♈51	24°23	18°11	8°35	20°41	25°55	9°12	15°21	11° 0	22°40	24°11	5°24	n.a.	F 12
S 13	0 18 29	3°34'05	24°57	25°58	19°20	9°16	20°48	25°50	9°14	15°20	10°59	22°35	24° 8	5°30	n.a.	S 13
S 14	0 22 26	4°35'06	9♉56	27°33	20°29	9°58	20°56	25°45	9°16	15°20	10°58	22°32	24° 5	5°37	n.a.	S 14
M15	0 26 22	5°36'08	24°42	29° 8	21°38	10°39	21° 4	25°40	9°18	15°20	10°57	22°D31	24° 2	5°44	n.a.	M15
T 16	0 30 19	6°37'12	9♊10	0♎43	22°48	11°21	21°12	25°35	9°20	15°19	10°56	22°32	23°59	5°50	n.a.	T 16
W17	0 34 16	7°38'18	23°16	2°17	23°57	12° 2	21°21	25°30	9°22	15°19	10°55	22°33	23°56	5°57	n.a.	W17
T 18	0 38 12	8°39'24	7♋ 0	3°52	25° 7	12°44	21°29	25°26	9°24	15°19	10°54	22°R34	23°52	6° 4	n.a.	T 18
F 19	0 42 9	9°40'32	20°24	5°27	26°17	13°25	21°37	25°21	9°26	15°18	10°53	22°34	23°49	6°10	n.a.	F 19
S 20	0 46 5	10°41'42	3♌29	7° 1	27°27	14° 7	21°46	25°16	9°28	15°18	10°52	22°31	23°46	6°17	n.a.	S 20
S 21	0 50 2	11°42'52	16°18	8°36	28°38	14°48	21°55	25°11	9°31	15°17	10°51	22°27	23°43	6°23	n.a.	S 21
M22	0 53 58	12°44'04	28°53	10°10	29°48	15°30	22° 4	25° 7	9°33	15°16	10°50	22°21	23°40	6°30	n.a.	M22
T 23	0 57 55	13°45'16	11♍16	11°44	0♍59	16°12	22°13	25° 2	9°35	15°16	10°49	22°13	23°37	6°37	n.a.	T 23
W24	1 1 52	14°46'30	23°29	13°19	2° 9	16°53	22°22	24°58	9°37	15°15	10°48	22° 6	23°33	6°43	n.a.	W24
T 25	1 5 48	15°47'44	5♎34	14°53	3°20	17°35	22°32	24°53	9°40	15°15	10°47	21°59	23°30	6°50	n.a.	T 25
F 26	1 9 45	16°48'59	17°31	16°28	4°31	18°17	22°41	24°49	9°42	15°14	10°46	21°53	23°27	6°57	n.a.	F 26
S 27	1 13 41	17°50'15	29°23	18° 2	5°42	18°59	22°51	24°44	9°45	15°13	10°44	21°49	23°24	7° 3	n.a.	S 27
S 28	1 17 38	18°51'31	11♏10	19°37	6°54	19°40	23° 0	24°40	9°47	15°12	10°43	21°47	23°21	7°10	n.a.	S 28
M29	1 21 34	19°52'49	22°57	21°12	8° 5	20°22	23°10	24°36	9°50	15°12	10°42	21°D46	23°17	7°17	n.a.	M29
T 30	1 25 31	20°54'06	4♐44	22°46	9°17	21° 4	23°20	24°31	9°52	15°11	10°41	21°47	23°14	7°23	n.a.	T 30
W31	1 29 27	21♎55'24	16♐37	24♎21	10♍28	21♍46	23♐30	24♓27	9♐55	15♊10	10♉40	21♉48	23♉11	7♏30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	3n29	15s44	0n48	10n52	1n54	19n29	0n17	12n18	1n 3	24s18	0s48	3s57	2s54	22s29	0s15	22n35	0s32	10n41	5s 3	19n 0	19n21	11s28			n.a.
T 2	3 4	19 57	0s15	10 13	1 50	19 17	0 22	12 3	1 3	24 18	0 48	3 59	2 54	22 29	0 15	22 35	0 32	10 41	5 3	19 0	19 20	11 31			n.a.
W 3	2 40	23 23	1 18	9 33	1 46	19 4	0 26	11 48	1 2	24 18	0 48	4 1	2 54	22 29	0 15	22 35	0 32	10 40	5 3	19 0	19 19	11 34			n.a.
T 4	2 15	25 51	2 18	8 52	1 41	18 50	0 31	11 32	1 2	24 19	0 48	4 3	2 54	22 29	0 15	22 35	0 32	10 40	5 3	19 0	19 19	11 37			n.a.
F 5	1 51	27 8	3 13	8 10	1 36	18 36	0 35	11 17	1 2	24 19	0 48	4 5	2 54	22 30	0 15	22 35	0 32	10 40	5 3	19 0	19 18	11 40			n.a.
S 6	1 26	27 3	4 1	7 28	1 31	18 22	0 40	11 1	1 2	24 20	0 48	4 7	2 54	22 30	0 15	22 35	0 32	10 39	5 3	19 0	19 17	11 43			n.a.
S 7	1 1	25 30	4 37	6 45	1 25	18 6	0 44	10 46	1 1	24 20	0 48	4 9	2 54	22 30	0 15	22 35	0 32	10 39	5 3	18 59	19 16	11 46			n.a.
M 8	0 37	22 28	5 0	6 2	1 19	17 50	0 48	10 30	1 1	24 21	0 48	4 11	2 54	22 30	0 15	22 35	0 32	10 39	5 4	18 57	19 15	11 49			n.a.
T 9	0 12	18 2	5 6	5 19	1 14	17 34	0 52	10 14	1 1	24 21	0 47	4 13	2 54	22 31	0 15	22 35	0 32	10 39	5 4	18 55	19 15	11 52			n.a.
W10	0s13	12 28	4 53	4 35	1 8	17 17	0 56	9 58	1 1	24 22	0 47	4 15	2 54	22 31	0 15	22 35	0 32	10 38	5 4	18 53	19 14	11 55			n.a.
T 11	0 37	6 4	4 20	3 51	1 1	17 0	1 0	9 43	1 0	24 22	0 47	4 17	2 54	22 31	0 15	22 35	0 32	10 38	5 4	18 51	19 13	11 58			n.a.
F 12	1 2	0n47	3 29	3 7	0 55	16 42	1 3	9 26	1 0	24 23	0 47	4 19	2 54	22 31	0 15	22 35	0 32	10 38	5 4	18 49	19 12	12 1			n.a.
S 13	1 27	7 38	2 23	2 23	0 49	16 23	1 7	9 10	1 0	24 23	0 47	4 21	2 54	22 32	0 15	22 35	0 32	10 37	5 4	18 48	19 11	12 4			n.a.
S 14	1 51	14 2	1 7	1 38	0 43	16 4	1 10	8 54	0 59	24 24	0 47	4 23	2 54	22 32	0 15	22 35	0 32	10 37	5 4	18 47	19 11	12 7			n.a.
M15	2 16	19 31	0n12	0 54	0 36	15 45	1 14	8 38	0 59	24 25	0 47	4 24	2 54	22 32	0 15	22 35	0 32	10 37	5 4	18 47	19 10	12 11			n.a.
T 16	2 41	23 44	1 29	0 10	0 30	15 25	1 17	8 22	0 59	24 25	0 47	4 26	2 54	22 33	0 15	22 35	0 32	10 36	5 4	18 47	19 9	12 14			n.a.
W17	3 5	26 24	2 39	0s35	0 23	15 4	1 20	8 5	0 59	24 26	0 47	4 28	2 54	22 33	0 15	22 35	0 32	10 36	5 4	18 47	19 8	12 17			n.a.
T 18	3 30	27 21	3 37	1 19	0 17	14 43	1 23	7 49	0 58	24 26	0 47	4 30	2 54	22 33	0 15	22 34	0 32	10 36	5 4	18 47	19 7	12 20			n.a.
F 19	3 55	26 40	4 23	2 3	0 10	14 22	1 26	7 32	0 58	24 27	0 47	4 32	2 54	22 34	0 15	22 34	0 32	10 35	5 4	18 47	19 7	12 23			n.a.
S 20	4 19	24 31	4 53	2 47	0 4	14 0	1 29	7 16	0 58	24 27	0 47	4 34	2 53	22 34	0 15	22 34	0 32	10 35	5 4	18 47	19 6	12 26			n.a.
S 21	4 43	21 9	5 8	3 31	0s 3	13 37	1 32	6 59	0 57	24 28	0 47	4 35	2 53	22 34	0 15	22 34	0 32	10 35	5 4	18 45	19 5	12 29			n.a.
M22	5 8	16 53	5 8	4 15	0 9	13 15	1 34	6 42	0 57	24 28	0 47	4 37	2 53	22 35	0 15	22 34	0 32	10 34	5 4	18 44	19 4	12 32			n.a.
T 23	5 32	11 59	4 53	4 59	0 16	12 51	1 37	6 25	0 57	24 29	0 47	4 39	2 53	22 35	0 15	22 34	0 32	10 34	5 4	18 42	19 3	12 35			n.a.
W24	5 56	6 41	4 25	5 42	0 22	12 28	1 39	6 8	0 56	24 29	0 47	4 41	2 53	22 35	0 15	22 34	0 32	10 34	5 4	18 40	19 3	12 38			n.a.
T 25	6 20	1 11	3 45	6 25	0 28	12 4	1 42	5 52	0 56	24 30	0 47	4 42	2 53	22 36	0 15	22 34	0 32	10 33	5 4	18 38	19 2	12 41			n.a.
F 26	6 44	4s18	2 56	7 8	0 35	11 39	1 44	5 35	0 56	24 30	0 47	4 44	2 53	22 36	0 15	22 34	0 32	10 33	5 4	18 37	19 1	12 44			n.a.
S 27	7 8	9 37	1 59	7 50	0 41	11 14	1 46	5 18	0 55	24 31	0 47	4 46	2 52	22 36	0 15	22 34	0 32	10 33	5 4	18 36	19 0	12 47			n.a.
S 28	7 32	14 35	0 58	8 33	0 47	10 49	1 48	5 0	0 55	24 31	0 47	4 47	2 52	22 37	0 15	22 34	0 32	10 32	5 4	18 35	18 59	12 50			n.a.
M29	7 56	18 59	0s 6	9 15	0 53	10 24	1 50	4 43	0 54	24 32	0 47	4 49	2 52	22 37	0 15	22 34	0 32	10 32	5 4	18 35	18 59	12 53			n.a.
T 30	8 19	22 41	1 11	9 56	0 59	9 58	1 51	4 26	0 54	24 32	0 47	4 50	2 52	22 38	0 15	22 34	0 32	10 32	5 4	18 35	18 58	12 56			n.a.
W31	8s43	25s26	2s12	10s37	1s 4	9n32	1n53	4n 9	0n54	24s33	0s47	4s52	2s52	22s38	0s15	22n33	0s32	10n31	5s 4	18n35	18n57	12s59			n.a.

Julian Day Number = 977682.5, Delta T = 13h17m39s
Ecliptic obliquity = 23°55'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'41, Lahiri = -32°01'40 Julian Calendar 1 Oct. 2037 BCE == Greg. Calendar 14 Sept. 2037 BCE

The year -2036 astronomical counting style corresponds to year 2037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

NOVEMBER 2037 BCE (-2036) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 33 24	22♎56'42	28♐39	25♎56	11♍40	22♍28	23♐41	24°R23	9♐57	15°R 9	10°R39	21♉50	23♉ 8	7♏37	n.a.	T 1
F 2	1 37 21	23°58'01	10♑54	27°31	12°52	23°10	23°51	24♓19	10° 0	15♊ 8	10♉38	21°52	23° 5	7°43	n.a.	F 2
S 3	1 41 17	24°59'19	23°27	29° 7	14° 3	23°52	24° 1	24°15	10° 3	15° 7	10°36	21°R52	23° 2	7°50	n.a.	S 3
S 4	1 45 14	26° 0'38	6♒23	0♏42	15°15	24°34	24°12	24°12	10° 6	15° 6	10°35	21°52	22°58	7°57	n.a.	S 4
M 5	1 49 10	27° 1'57	19°45	2°17	16°27	25°16	24°23	24° 8	10° 8	15° 5	10°34	21°50	22°55	8° 3	n.a.	M 5
T 6	1 53 7	28° 3'16	3♓36	3°53	17°40	25°58	24°34	24° 4	10°11	15° 4	10°33	21°48	22°52	8°10	n.a.	T 6
W 7	1 57 3	29° 4'34	17°55	5°29	18°52	26°41	24°44	24° 0	10°14	15° 3	10°32	21°45	22°49	8°17	n.a.	W 7
T 8	2 1 0	0♏ 5'53	2♈40	7° 5	20° 4	27°23	24°55	23°57	10°17	15° 2	10°30	21°41	22°46	8°23	n.a.	T 8
F 9	2 4 57	1° 7'12	17°44	8°41	21°17	28° 5	25° 6	23°54	10°20	15° 1	10°29	21°39	22°42	8°30	n.a.	F 9
S 10	2 8 53	2° 8'30	2♉58	10°18	22°29	28°47	25°18	23°50	10°22	15° 0	10°28	21°37	22°39	8°36	n.a.	S 10
S 11	2 12 50	3° 9'49	18°13	11°54	23°42	29°30	25°29	23°47	10°25	14°59	10°27	21°D36	22°36	8°43	n.a.	S 11
M12	2 16 46	4°11'08	3♊18	13°31	24°54	0♎12	25°40	23°44	10°28	14°58	10°26	21°36	22°33	8°50	n.a.	M12
T 13	2 20 43	5°12'28	18° 5	15° 8	26° 7	0°54	25°52	23°41	10°31	14°56	10°24	21°37	22°30	8°56	n.a.	T 13
W14	2 24 39	6°13'47	2♋29	16°45	27°20	1°37	26° 3	23°38	10°34	14°55	10°23	21°39	22°27	9° 3	n.a.	W14
T 15	2 28 36	7°15'07	16°27	18°22	28°33	2°19	26°15	23°35	10°37	14°54	10°22	21°40	22°23	9°10	n.a.	T 15
F 16	2 32 32	8°16'27	29°59	19°58	29°45	3° 2	26°27	23°32	10°41	14°53	10°21	21°40	22°20	9°16	n.a.	F 16
S 17	2 36 29	9°17'47	13♌ 7	21°35	0♎58	3°44	26°39	23°29	10°44	14°51	10°20	21°R40	22°17	9°23	n.a.	S 17
S 18	2 40 26	10°19'07	25°52	23°12	2°11	4°27	26°51	23°27	10°47	14°50	10°18	21°40	22°14	9°30	n.a.	S 18
M19	2 44 22	11°20'27	8♍20	24°48	3°25	5° 9	27° 3	23°24	10°50	14°49	10°17	21°39	22°11	9°36	n.a.	M19
T 20	2 48 19	12°21'47	20°33	26°24	4°38	5°52	27°15	23°22	10°53	14°47	10°16	21°38	22° 8	9°43	n.a.	T 20
W21	2 52 15	13°23'07	2♎36	27°59	5°51	6°34	27°27	23°20	10°56	14°46	10°15	21°36	22° 4	9°50	n.a.	W21
T 22	2 56 12	14°24'26	14°30	29°33	7° 4	7°17	27°39	23°17	10°59	14°45	10°13	21°35	22° 1	9°56	n.a.	T 22
F 23	3 0 8	15°25'46	26°20	1♐ 7	8°17	8° 0	27°52	23°15	11° 3	14°43	10°12	21°34	21°58	10° 3	n.a.	F 23
S 24	3 4 5	16°27'05	8♏ 8	2°39	9°31	8°42	28° 4	23°13	11° 6	14°42	10°11	21°34	21°55	10°10	n.a.	S 24
S 25	3 8 2	17°28'24	19°55	4°10	10°44	9°25	28°17	23°11	11° 9	14°40	10°10	21°D34	21°52	10°16	n.a.	S 25
M26	3 11 58	18°29'42	1♑45	5°38	11°58	10° 8	28°29	23°10	11°12	14°39	10° 8	21°34	21°48	10°23	n.a.	M26
T 27	3 15 55	19°30'59	13°38	7° 5	13°11	10°51	28°42	23° 8	11°16	14°37	10° 7	21°34	21°45	10°30	n.a.	T 27
W28	3 19 51	20°32'16	25°38	8°29	14°24	11°34	28°55	23° 6	11°19	14°36	10° 6	21°34	21°42	10°36	n.a.	W28
T 29	3 23 48	21°33'32	7♑47	9°49	15°38	12°17	29° 8	23° 5	11°22	14°34	10° 5	21°R34	21°39	10°43	n.a.	T 29
F 30	3 27 44	22♏34'47	20♑ 7	11♐ 6	16♎51	13♎ 0	29♐20	23♓ 4	11♐26	14♊33	10♉ 4	21♉34	21♉36	10♏49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s 6	27s 4	3s 9	11s18	1s10	9n 5	1n55	3n52	0n53	24s33	0s47	4s53	2s52	22s38	0s15	22n33	0s32	10n31	5s 4	18n36	18n56	13s 2		n.a.
F 2	9 29	27 26	3 58	11 58	1 15	8 39	1 56	3 34	0 53	24 34	0 47	4 55	2 51	22 39	0 15	22 33	0 32	10 31	5 4	18 36	18 55	13 5		n.a.
S 3	9 52	26 24	4 37	12 38	1 20	8 12	1 57	3 17	0 53	24 34	0 47	4 56	2 51	22 39	0 15	22 33	0 32	10 30	5 4	18 36	18 54	13 8		n.a.
S 4	10 15	23 57	5 4	13 17	1 25	7 44	1 58	3 0	0 52	24 35	0 47	4 58	2 51	22 40	0 15	22 33	0 32	10 30	5 4	18 36	18 54	13 11		n.a.
M 5	10 37	20 9	5 15	13 55	1 30	7 17	1 59	2 42	0 52	24 35	0 47	4 59	2 51	22 40	0 15	22 33	0 32	10 30	5 4	18 36	18 53	13 14		n.a.
T 6	11 0	15 10	5 8	14 33	1 35	6 49	2 0	2 25	0 51	24 36	0 47	5 0	2 51	22 40	0 15	22 33	0 32	10 29	5 4	18 35	18 52	13 17		n.a.
W 7	11 22	9 11	4 43	15 10	1 39	6 21	2 1	2 7	0 51	24 36	0 47	5 1	2 50	22 41	0 15	22 33	0 32	10 29	5 4	18 34	18 51	13 20		n.a.
T 8	11 44	2 33	3 58	15 47	1 43	5 52	2 2	1 50	0 51	24 37	0 47	5 3	2 50	22 41	0 15	22 33	0 32	10 29	5 3	18 33	18 50	13 23		n.a.
F 9	12 6	4n23	2 56	16 23	1 47	5 24	2 3	1 32	0 50	24 37	0 47	5 4	2 50	22 42	0 15	22 32	0 32	10 28	5 3	18 33	18 50	13 26		n.a.
S 10	12 28	11 10	1 41	16 57	1 51	4 55	2 3	1 15	0 50	24 38	0 47	5 5	2 50	22 42	0 15	22 32	0 32	10 28	5 3	18 32	18 49	13 29		n.a.
S 11	12 49	17 18	0 19	17 31	1 54	4 26	2 4	0 57	0 49	24 38	0 47	5 6	2 49	22 43	0 15	22 32	0 32	10 28	5 3	18 32	18 48	13 32		n.a.
M12	13 10	22 18	1n 4	18 5	1 57	3 57	2 4	0 40	0 49	24 38	0 47	5 7	2 49	22 43	0 15	22 32	0 32	10 27	5 3	18 32	18 47	13 35		n.a.
T 13	13 31	25 44	2 22	18 37	2 0	3 28	2 4	0 22	0 48	24 39	0 47	5 8	2 49	22 43	0 15	22 32	0 32	10 27	5 3	18 32	18 46	13 38		n.a.
W14	13 52	27 22	3 28	19 8	2 2	2 59	2 5	0 5	0 48	24 39	0 47	5 9	2 49	22 44	0 15	22 32	0 32	10 27	5 3	18 33	18 45	13 41		n.a.
T 15	14 13	27 11	4 19	19 38	2 4	2 29	2 5	0s13	0 47	24 39	0 47	5 10	2 48	22 44	0 15	22 32	0 32	10 26	5 3	18 33	18 45	13 44		n.a.
F 16	14 33	25 22	4 55	20 6	2 5	2 0	2 5	0 31	0 47	24 40	0 47	5 11	2 48	22 45	0 15	22 32	0 32	10 26	5 3	18 33	18 44	13 46		n.a.
S 17	14 53	22 13	5 14	20 34	2 6	1 30	2 4	0 48	0 47	24 40	0 47	5 12	2 48	22 45	0 15	22 31	0 32	10 26	5 3	18 33	18 43	13 49		n.a.
S 18	15 13	18 6	5 16	21 0	2 7	1 0	2 4	1 6	0 46	24 40	0 47	5 13	2 48	22 46	0 15	22 31	0 32	10 25	5 3	18 33	18 42	13 52		n.a.
M19	15 32	13 17	5 4	21 24	2 7	0 30	2 4	1 24	0 46	24 41	0 47	5 13	2 47	22 46	0 15	22 31	0 32	10 25	5 3	18 33	18 41	13 55		n.a.
T 20	15 52	8 3	4 38	21 47	2 7	0 0	2 3	1 41	0 45	24 41	0 47	5 14	2 47	22 47	0 15	22 31	0 32	10 25	5 3	18 33	18 40	13 58		n.a.
W21	16 11	2 36	4 0	22 9	2 5	0s30	2 3	1 59	0 45	24 41	0 47	5 15	2 47	22 47	0 15	22 31	0 32	10 24	5 3	18 32	18 40	14 1		n.a.
T 22	16 29	2s54	3 12	22 29	2 4	1 0	2 2	2 17	0 44	24 42	0 47	5 15	2 47	22 47	0 15	22 31	0 32	10 24	5 3	18 32	18 39	14 4		n.a.
F 23	16 48	8 16	2 16	22 47	2 1	1 30	2 2	2 34	0 44	24 42	0 47	5 16	2 46	22 48	0 15	22 30	0 32	10 24	5 3	18 32	18 38	14 7		n.a.
S 24	17 6	13 20	1 14	23 3	1 58	2 0	2 1	2 52	0 43	24 42	0 47	5 16	2 46	22 48	0 15	22 30	0 32	10 23	5 3	18 32	18 37	14 10		n.a.
S 25	17 24	17 56	0 9	23 17	1 54	2 30	2 0	3 9	0 43	24 42	0 47	5 17	2 46	22 49	0 15	22 30	0 32	10 23	5 3	18 31	18 36	14 13		n.a.
M26	17 41	21 51	0s56	23 29	1 50	3 0	1 59	3 27	0 42	24 42	0 47	5 17	2 45	22 49	0 15	22 30	0 32	10 23	5 3	18 31	18 35	14 16		n.a.
T 27	17 58	24 53	2 0	23 39	1 44	3 30	1 58	3 45	0 41	24 42	0 47	5 18	2 45	22 50	0 15	22 30	0 32	10 22	5 2	18 32	18 35	14 19		n.a.
W28	18 15	26 50	2 58	23 46	1 37	4 0	1 57	4 2	0 41	24 43	0 47	5 18	2 45	22 50	0 15	22 30	0 32	10 22	5 2	18 32	18 34	14 22		n.a.
T 29	18 31	27 31	3 50	23 52	1 30	4 30	1 56	4 20	0 40	24 43	0 47	5 18	2 44	22 51	0 15	22 29	0 32	10 22	5 2	18 32	18 33	14 25		n.a.
F 30	18s48	26s51	4s31	23s54	1s21	5s 0	1n55	4s37	0n40	24s43	0s47	5s19	2s44	22s51	0s15	22n29	0s32	10n21	5s 2	18n32	18n32	14s28		n.a.

Julian Day Number = 977713.5, Delta T = 13h17m36s
Ecliptic obliquity = 23°55'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'37, Lahiri = -32°01'36 Julian Calendar 1 Nov. 2037 BCE == Greg. Calendar 15 Oct. 2037 BCE

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ASTRODIENST EPHEMERIS for the year 2037 BCE
geocentric

DECEMBER 2037 BCE (-2036) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 31 41	23♏36'01	2♒43	12♐18	18♎ 5	13♎42	29♐33	23°R 3	11♐29	14°R31	10°R 2	21°R34	21♉33	10♏56	n.a.	S 1
S 2	3 35 38	24°37'14	15°36	13°25	19°19	14°25	29°46	23♓ 1	11°32	14♊30	10♉ 1	21♉34	21°29	11° 3	n.a.	S 2
M 3	3 39 34	25°38'26	28°51	14°25	20°32	15° 8	29°59	23° 1	11°36	14°28	10° 0	21°D34	21°26	11° 9	n.a.	M 3
T 4	3 43 31	26°39'37	12♓29	15°19	21°46	15°51	0♑13	23° 0	11°39	14°27	9°59	21°34	21°23	11°16	n.a.	T 4
W 5	3 47 27	27°40'47	26°32	16° 6	23° 0	16°35	0°26	22°59	11°43	14°25	9°58	21°34	21°20	11°23	n.a.	W 5
T 6	3 51 24	28°41'55	10♈59	16°43	24°13	17°18	0°39	22°58	11°46	14°23	9°57	21°35	21°17	11°29	n.a.	T 6
F 7	3 55 20	29°43'02	25°47	17°11	25°27	18° 1	0°52	22°58	11°50	14°22	9°55	21°36	21°14	11°36	n.a.	F 7
S 8	3 59 17	0♐44'08	10♉50	17°29	26°41	18°44	1° 6	22°57	11°53	14°20	9°54	21°36	21°10	11°43	n.a.	S 8
S 9	4 3 13	1°45'13	26° 0	17°R36	27°54	19°27	1°19	22°57	11°56	14°19	9°53	21°R36	21° 7	11°49	n.a.	S 9
M10	4 7 10	2°46'17	11♊ 8	17°32	29° 8	20°10	1°33	22°57	12° 0	14°17	9°52	21°36	21° 4	11°56	n.a.	M10
T 11	4 11 7	3°47'20	26° 4	17°16	0♏22	20°54	1°46	22°D57	12° 3	14°15	9°51	21°35	21° 1	12° 3	n.a.	T 11
W12	4 15 3	4°48'22	10♋41	16°49	1°36	21°37	2° 0	22°57	12° 7	14°14	9°50	21°33	20°58	12° 9	n.a.	W12
T 13	4 19 0	5°49'23	24°53	16°11	2°50	22°20	2°13	22°57	12°10	14°12	9°49	21°31	20°54	12°16	n.a.	T 13
F 14	4 22 56	6°50'23	8♌37	15°23	4° 3	23° 3	2°27	22°57	12°14	14°10	9°48	21°30	20°51	12°23	n.a.	F 14
S 15	4 26 53	7°51'21	21°54	14°26	5°17	23°47	2°41	22°58	12°17	14° 9	9°47	21°28	20°48	12°29	n.a.	S 15
S 16	4 30 49	8°52'19	4♍45	13°22	6°31	24°30	2°54	22°58	12°21	14° 7	9°46	21°D27	20°45	12°36	n.a.	S 16
M17	4 34 46	9°53'16	17°14	12°13	7°45	25°14	3° 8	22°59	12°24	14° 5	9°45	21°28	20°42	12°43	n.a.	M17
T 18	4 38 43	10°54'11	29°25	11° 0	8°59	25°57	3°22	23° 0	12°28	14° 4	9°43	21°28	20°39	12°49	n.a.	T 18
W19	4 42 39	11°55'06	11♎24	9°47	10°13	26°41	3°36	23° 1	12°31	14° 2	9°42	21°30	20°35	12°56	n.a.	W19
T 20	4 46 36	12°55'59	23°14	8°34	11°27	27°24	3°50	23° 2	12°35	14° 0	9°41	21°32	20°32	13° 2	n.a.	T 20
F 21	4 50 32	13°56'51	5♏ 1	7°24	12°41	28° 8	4° 4	23° 3	12°38	13°59	9°40	21°33	20°29	13° 9	n.a.	F 21
S 22	4 54 29	14°57'42	16°47	6°19	13°55	28°51	4°18	23° 4	12°42	13°57	9°39	21°R34	20°26	13°16	n.a.	S 22
S 23	4 58 25	15°58'31	28°37	5°20	15° 9	29°35	4°32	23° 5	12°45	13°55	9°38	21°34	20°23	13°22	n.a.	S 23
M24	5 2 22	16°59'19	10♐32	4°27	16°23	0♏18	4°46	23° 7	12°49	13°53	9°38	21°33	20°20	13°29	n.a.	M24
T 25	5 6 18	18° 0'06	22°35	3°42	17°37	1° 2	5° 0	23° 8	12°52	13°52	9°37	21°30	20°16	13°36	n.a.	T 25
W26	5 10 15	19° 0'51	4♑48	3° 6	18°51	1°46	5°14	23°10	12°56	13°50	9°36	21°26	20°13	13°42	n.a.	W26
T 27	5 14 12	20° 1'34	17°11	2°37	20° 4	2°29	5°28	23°12	12°59	13°48	9°35	21°21	20°10	13°49	n.a.	T 27
F 28	5 18 8	21° 2'15	29°46	2°16	21°18	3°13	5°42	23°14	13° 3	13°47	9°34	21°16	20° 7	13°56	n.a.	F 28
S 29	5 22 5	22° 2'55	12♒34	2° 3	22°32	3°57	5°56	23°16	13° 6	13°45	9°33	21°11	20° 4	14° 2	n.a.	S 29
S 30	5 26 1	23° 3'33	25°36	1°D58	23°46	4°41	6°11	23°18	13°10	13°43	9°32	21° 7	20° 0	14° 9	n.a.	S 30
M31	5 29 58	24♐ 4'08	8♓53	2♐ 0	25♏ 0	5♏24	6♑25	23♓20	13♐13	13♊42	9♉31	21♉ 4	19♉57	14♏16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 3	24s50	5s 1	23s55	1s12	5s30	1n53	4s55	0n39	24s43	0s47	5s19	2s44	22s52	0s15	22n29	0s32	10n21	5s 2	18n32	18n31	14s31		n.a.
S 2	19 19	21 30	5 16	23 53	1 1	5 59	1 52	5 12	0 39	24 43	0 47	5 19	2 44	22 52	0 15	22 29	0 32	10 21	5 2	18 32	18 30	14 34		n.a.
M 3	19 34	17 1	5 15	23 49	0 49	6 29	1 50	5 30	0 38	24 43	0 47	5 19	2 43	22 53	0 15	22 29	0 32	10 21	5 2	18 31	18 29	14 37		n.a.
T 4	19 48	11 34	4 57	23 42	0 36	6 58	1 49	5 47	0 38	24 43	0 47	5 19	2 43	22 53	0 15	22 29	0 32	10 20	5 2	18 32	18 29	14 39		n.a.
W 5	20 3	5 22	4 21	23 33	0 22	7 28	1 47	6 5	0 37	24 43	0 47	5 19	2 43	22 54	0 15	22 28	0 32	10 20	5 2	18 32	18 28	14 42		n.a.
T 6	20 17	1n16	3 27	23 22	0 7	7 57	1 46	6 22	0 36	24 43	0 47	5 19	2 42	22 54	0 15	22 28	0 32	10 20	5 2	18 32	18 27	14 45		n.a.
F 7	20 30	8 1	2 19	23 9	0n 9	8 26	1 44	6 39	0 36	24 43	0 47	5 19	2 42	22 55	0 15	22 28	0 32	10 19	5 2	18 32	18 26	14 48		n.a.
S 8	20 43	14 26	1 0	22 53	0 26	8 55	1 42	6 57	0 35	24 43	0 47	5 19	2 42	22 55	0 15	22 28	0 32	10 19	5 2	18 32	18 25	14 51		n.a.
S 9	20 56	20 3	0n24	22 36	0 44	9 23	1 40	7 14	0 35	24 43	0 47	5 19	2 41	22 56	0 15	22 28	0 32	10 19	5 1	18 32	18 24	14 54		n.a.
M10	21 8	24 20	1 46	22 17	1 3	9 52	1 38	7 31	0 34	24 43	0 47	5 19	2 41	22 56	0 15	22 27	0 32	10 19	5 1	18 32	18 24	14 57		n.a.
T 11	21 20	26 52	3 0	21 57	1 22	10 20	1 36	7 48	0 33	24 42	0 47	5 18	2 41	22 56	0 15	22 27	0 32	10 18	5 1	18 32	18 23	15 0		n.a.
W12	21 32	27 28	4 0	21 35	1 41	10 48	1 34	8 5	0 33	24 42	0 47	5 18	2 40	22 57	0 15	22 27	0 32	10 18	5 1	18 31	18 22	15 3		n.a.
T 13	21 43	26 14	4 43	21 13	2 0	11 16	1 32	8 22	0 32	24 42	0 48	5 18	2 40	22 57	0 15	22 27	0 32	10 18	5 1	18 31	18 21	15 6		n.a.
F 14	21 54	23 26	5 9	20 49	2 18	11 43	1 30	8 39	0 31	24 42	0 48	5 17	2 40	22 58	0 15	22 27	0 32	10 18	5 1	18 30	18 20	15 9		n.a.
S 15	22 4	19 28	5 17	20 26	2 35	12 11	1 28	8 56	0 31	24 42	0 48	5 17	2 39	22 58	0 15	22 27	0 32	10 17	5 1	18 30	18 19	15 11		n.a.
S 16	22 14	14 44	5 8	20 3	2 51	12 37	1 26	9 13	0 30	24 41	0 48	5 16	2 39	22 59	0 15	22 26	0 32	10 17	5 1	18 30	18 18	15 14		n.a.
M17	22 23	9 30	4 45	19 40	3 5	13 4	1 23	9 30	0 29	24 41	0 48	5 16	2 39	22 59	0 15	22 26	0 32	10 17	5 1	18 30	18 18	15 17		n.a.
T 18	22 32	4 3	4 10	19 18	3 17	13 30	1 21	9 47	0 29	24 41	0 48	5 15	2 38	23 0	0 15	22 26	0 32	10 17	5 0	18 30	18 17	15 20		n.a.
W19	22 41	1s28	3 24	18 58	3 27	13 56	1 19	10 3	0 28	24 41	0 48	5 14	2 38	23 0	0 15	22 26	0 32	10 17	5 0	18 30	18 16	15 23		n.a.
T 20	22 49	6 53	2 30	18 39	3 34	14 22	1 16	10 20	0 27	24 40	0 48	5 14	2 38	23 1	0 15	22 26	0 32	10 16	5 0	18 31	18 15	15 26		n.a.
F 21	22 56	12 3	1 30	18 23	3 39	14 47	1 14	10 37	0 27	24 40	0 48	5 13	2 38	23 1	0 15	22 25	0 32	10 16	5 0	18 31	18 14	15 29		n.a.
S 22	23 4	16 46	0 26	18 10	3 42	15 12	1 11	10 53	0 26	24 39	0 48	5 12	2 37	23 2	0 15	22 25	0 32	10 16	5 0	18 32	18 13	15 32		n.a.
S 23	23 10	20 53	0s39	17 59	3 43	15 37	1 9	11 9	0 25	24 39	0 48	5 11	2 37	23 2	0 15	22 25	0 32	10 16	5 0	18 32	18 12	15 34		n.a.
M24	23 17	24 11	1 43	17 51	3 41	16 1	1 6	11 26	0 25	24 39	0 48	5 11	2 37	23 3	0 15	22 25	0 32	10 16	5 0	18 31	18 11	15 37		n.a.
T 25	23 22	26 25	2 42	17 46	3 38	16 25	1 4	11 42	0 24	24 38	0 48	5 10	2 36	23 3	0 15	22 25	0 32	10 15	5 0	18 30	18 11	15 40		n.a.
W26	23 28	27 26	3 35	17 43	3 33	16 48	1 1	11 58	0 23	24 38	0 48	5 9	2 36	23 4	0 15	22 24	0 31	10 15	4 59	18 29	18 10	15 43		n.a.
T 27	23 33	27 5	4 19	17 44	3 27	17 11	0 58	12 14	0 22	24 37	0 48	5 8	2 36	23 4	0 15	22 24	0 31	10 15	4 59	18 28	18 9	15 46		n.a.
F 28	23 37	25 21	4 51	17 47	3 19	17 34	0 56	12 30	0 22	24 36	0 48	5 7	2 35	23 4	0 15	22 24	0 31	10 15	4 59	18 27	18 8	15 49		n.a.
S 29	23 41	22 19	5 9	17 53	3 11	17 56	0 53	12 46	0 21	24 36	0 48	5 5	2 35	23 5	0 15	22 24	0 31	10 15	4 59	18 25	18 7	15 52		n.a.
S 30	23 45	18 7	5 12	18 0	3 2	18 17	0 50	13 2	0 20	24 35	0 48	5 4	2 35	23 5	0 15	22 24	0 31	10 15	4 59	18 24	18 6	15 55		n.a.
M31	23s48	12s59	4s58	18s10	2n52	18s38	0n48	13s17	0n19	24s35	0s48	5s 3	2s34	23s 6	0s15	22n23	0s31	10n15	4s59	18n24	18n 5	15s57		n.a.

Julian Day Number = 977743.5, Delta T = 13h17m34s
Ecliptic obliquity = 23°55'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'33, Lahiri = -32°01'32 Julian Calendar 1 Dec. 2037 BCE == Greg. Calendar 14 Nov. 2037 BCE

The year -2036 astronomical counting style corresponds to year 2037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

JANUARY 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 33 54	25♐ 4'41	22♓27	2♐ 9	26♏14	6♏ 8	6♑39	23♓22	13♐17	13°R40	9°R31	21°D 3	19♉54	14♏22	n.a.	T 1
W 2	5 37 51	26° 5'13	6♈18	2°24	27°28	6°52	6°53	23°25	13°20	13♊38	9♉30	21♉ 3	19°51	14°29	n.a.	W 2
T 3	5 41 48	27° 5'42	20°26	2°45	28°42	7°36	7° 8	23°27	13°23	13°37	9°29	21° 5	19°48	14°36	n.a.	T 3
F 4	5 45 44	28° 6'09	4♉52	3°11	29°56	8°20	7°22	23°30	13°27	13°35	9°28	21° 6	19°45	14°42	n.a.	F 4
S 5	5 49 41	29° 6'34	19°31	3°43	1♐10	9° 4	7°36	23°33	13°30	13°34	9°27	21°R 7	19°41	14°49	n.a.	S 5
S 6	5 53 37	0♑ 6'57	4♊20	4°19	2°24	9°48	7°51	23°36	13°34	13°32	9°27	21° 6	19°38	14°55	n.a.	S 6
M 7	5 57 34	1° 7'18	19°11	4°59	3°38	10°32	8° 5	23°39	13°37	13°30	9°26	21° 4	19°35	15° 2	n.a.	M 7
T 8	6 1 30	2° 7'38	3♋58	5°44	4°52	11°16	8°19	23°42	13°40	13°29	9°25	20°59	19°32	15° 9	n.a.	T 8
W 9	6 5 27	3° 7'55	18°31	6°32	6° 6	12° 0	8°34	23°45	13°44	13°27	9°25	20°53	19°29	15°15	n.a.	W 9
T 10	6 9 23	4° 8'10	2♌45	7°24	7°20	12°44	8°48	23°48	13°47	13°26	9°24	20°46	19°26	15°22	n.a.	T 10
F 11	6 13 20	5° 8'23	16°35	8°18	8°34	13°28	9° 2	23°52	13°50	13°24	9°23	20°39	19°22	15°29	n.a.	F 11
S 12	6 17 17	6° 8'35	29°58	9°16	9°48	14°12	9°17	23°55	13°54	13°23	9°23	20°32	19°19	15°35	n.a.	S 12
S 13	6 21 13	7° 8'45	12♍55	10°16	11° 2	14°56	9°31	23°59	13°57	13°21	9°22	20°28	19°16	15°42	n.a.	S 13
M14	6 25 10	8° 8'53	25°28	11°19	12°15	15°40	9°45	24° 2	14° 0	13°20	9°22	20°25	19°13	15°49	n.a.	M14
T 15	6 29 6	9° 8'59	7♎42	12°25	13°29	16°24	10° 0	24° 6	14° 4	13°18	9°21	20°D24	19°10	15°55	n.a.	T 15
W16	6 33 3	10° 9'03	19°42	13°32	14°43	17° 8	10°14	24°10	14° 7	13°17	9°21	20°24	19° 6	16° 2	n.a.	W16
T 17	6 36 59	11° 9'06	1♏32	14°42	15°57	17°52	10°29	24°14	14°10	13°15	9°20	20°25	19° 3	16° 9	n.a.	T 17
F 18	6 40 56	12° 9'06	13°19	15°53	17°11	18°36	10°43	24°18	14°13	13°14	9°20	20°26	19° 0	16°15	n.a.	F 18
S 19	6 44 52	13° 9'05	25° 7	17° 7	18°25	19°21	10°57	24°22	14°16	13°12	9°19	20°R26	18°57	16°22	n.a.	S 19
S 20	6 48 49	14° 9'02	7♐ 0	18°22	19°39	20° 5	11°12	24°26	14°19	13°11	9°19	20°25	18°54	16°29	n.a.	S 20
M21	6 52 46	15° 8'57	19° 2	19°39	20°53	20°49	11°26	24°31	14°23	13° 9	9°18	20°21	18°51	16°35	n.a.	M21
T 22	6 56 42	16° 8'51	1♑16	20°58	22° 7	21°33	11°41	24°35	14°26	13° 8	9°18	20°14	18°47	16°42	n.a.	T 22
W23	7 0 39	17° 8'42	13°44	22°18	23°21	22°18	11°55	24°40	14°29	13° 7	9°17	20° 6	18°44	16°48	n.a.	W23
T 24	7 4 35	18° 8'31	26°25	23°40	24°35	23° 2	12° 9	24°44	14°32	13° 5	9°17	19°56	18°41	16°55	n.a.	T 24
F 25	7 8 32	19° 8'17	9♒21	25° 3	25°49	23°46	12°24	24°49	14°35	13° 4	9°17	19°45	18°38	17° 2	n.a.	F 25
S 26	7 12 28	20° 8'01	22°30	26°28	27° 2	24°30	12°38	24°54	14°38	13° 3	9°16	19°34	18°35	17° 8	n.a.	S 26
S 27	7 16 25	21° 7'43	5♓51	27°54	28°16	25°15	12°52	24°59	14°41	13° 2	9°16	19°25	18°32	17°15	n.a.	S 27
M28	7 20 21	22° 7'23	19°22	29°21	29°30	25°59	13° 7	25° 4	14°44	13° 0	9°16	19°18	18°28	17°22	n.a.	M28
T 29	7 24 18	23° 7'00	3♈ 4	0♑50	0♑44	26°43	13°21	25° 9	14°47	12°59	9°16	19°14	18°25	17°28	n.a.	T 29
W30	7 28 14	24° 6'34	16°56	2°20	1°58	27°28	13°35	25°14	14°50	12°58	9°15	19°13	18°22	17°35	n.a.	W30
T 31	7 32 11	25♑ 6'06	0♉56	3♑51	3♑12	28♏12	13♑49	25♓19	14♐53	12♊57	9♉15	19°D13	18♉19	17♏42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s50	7s 8	4s27	18s22	2n42	18s59	0n45	13s33	0n19	24s34	0s49	5s 2	2s34	23s 6	0s15	22n23	0s31	10n14	4s59	18n23	18n 5	16s 0			n.a.
W 2	23 52	0 49	3 40	18 35	2 32	19 19	0 42	13 48	0 18	24 33	0 49	5 1	2 34	23 7	0 15	22 23	0 31	10 14	4 59	18 23	18 4	16 3			n.a.
T 3	23 54	5n41	2 40	18 50	2 21	19 38	0 39	14 4	0 17	24 33	0 49	4 59	2 33	23 7	0 15	22 23	0 31	10 14	4 58	18 24	18 3	16 6			n.a.
F 4	23 55	12 2	1 28	19 6	2 10	19 57	0 37	14 19	0 16	24 32	0 49	4 58	2 33	23 8	0 15	22 23	0 31	10 14	4 58	18 24	18 2	16 9			n.a.
S 5	23 56	17 50	0 9	19 23	1 59	20 16	0 34	14 34	0 16	24 31	0 49	4 57	2 33	23 8	0 15	22 23	0 31	10 14	4 58	18 24	18 1	16 12			n.a.
S 6	23 56	22 37	1n11	19 40	1 48	20 33	0 31	14 49	0 15	24 30	0 49	4 55	2 33	23 8	0 15	22 22	0 31	10 14	4 58	18 24	18 0	16 14			n.a.
M 7	23 55	25 55	2 27	19 58	1 37	20 51	0 28	15 4	0 14	24 29	0 49	4 54	2 32	23 9	0 15	22 22	0 31	10 14	4 58	18 23	17 59	16 17			n.a.
T 8	23 55	27 24	3 32	20 17	1 26	21 7	0 26	15 18	0 13	24 29	0 49	4 52	2 32	23 9	0 15	22 22	0 31	10 14	4 58	18 22	17 58	16 20			n.a.
W 9	23 53	26 56	4 22	20 36	1 15	21 23	0 23	15 33	0 12	24 28	0 49	4 51	2 32	23 10	0 15	22 22	0 31	10 14	4 58	18 21	17 58	16 23			n.a.
T 10	23 52	24 42	4 54	20 56	1 5	21 39	0 20	15 48	0 11	24 27	0 49	4 49	2 31	23 10	0 15	22 22	0 31	10 14	4 57	18 19	17 57	16 26			n.a.
F 11	23 50	21 4	5 8	21 15	0 54	21 54	0 17	16 2	0 11	24 26	0 49	4 47	2 31	23 11	0 15	22 21	0 31	10 13	4 57	18 17	17 56	16 29			n.a.
S 12	23 47	16 27	5 5	21 34	0 44	22 8	0 15	16 16	0 10	24 25	0 49	4 46	2 31	23 11	0 15	22 21	0 31	10 13	4 57	18 15	17 55	16 31			n.a.
S 13	23 44	11 14	4 46	21 53	0 34	22 22	0 12	16 30	0 9	24 24	0 49	4 44	2 30	23 11	0 15	22 21	0 31	10 13	4 57	18 14	17 54	16 34			n.a.
M14	23 40	5 42	4 13	22 12	0 24	22 35	0 9	16 44	0 8	24 23	0 49	4 42	2 30	23 12	0 15	22 21	0 31	10 13	4 57	18 13	17 53	16 37			n.a.
T 15	23 36	0 5	3 30	22 31	0 14	22 47	0 6	16 58	0 7	24 22	0 50	4 40	2 30	23 12	0 15	22 21	0 31	10 13	4 57	18 13	17 52	16 40			n.a.
W16	23 32	5s25	2 38	22 49	0 5	22 59	0 4	17 12	0 6	24 21	0 50	4 39	2 30	23 13	0 15	22 21	0 31	10 13	4 56	18 13	17 51	16 43			n.a.
T 17	23 27	10 41	1 40	23 6	0s 4	23 9	0 1	17 25	0 5	24 20	0 50	4 37	2 29	23 13	0 15	22 20	0 31	10 13	4 56	18 13	17 50	16 45			n.a.
F 18	23 22	15 33	0 38	23 23	0 13	23 20	0s 2	17 39	0 5	24 19	0 50	4 35	2 29	23 13	0 15	22 20	0 31	10 13	4 56	18 13	17 50	16 48			n.a.
S 19	23 16	19 50	0s25	23 39	0 22	23 29	0 5	17 52	0 4	24 18	0 50	4 33	2 29	23 14	0 15	22 20	0 31	10 13	4 56	18 13	17 49	16 51			n.a.
S 20	23 10	23 22	1 28	23 55	0 30	23 38	0 7	18 5	0 3	24 17	0 50	4 31	2 28	23 14	0 15	22 20	0 31	10 13	4 56	18 13	17 48	16 54			n.a.
M21	23 3	25 55	2 27	24 9	0 38	23 46	0 10	18 18	0 2	24 15	0 50	4 29	2 28	23 15	0 15	22 20	0 31	10 13	4 56	18 12	17 47	16 56			n.a.
T 22	22 56	27 16	3 21	24 23	0 46	23 54	0 12	18 30	0 1	24 14	0 50	4 27	2 28	23 15	0 15	22 20	0 31	10 13	4 55	18 10	17 46	16 59			n.a.
W23	22 48	27 17	4 6	24 35	0 54	24 1	0 15	18 43	0s 0	24 13	0 50	4 25	2 28	23 15	0 15	22 20	0 31	10 13	4 55	18 8	17 45	17 2			n.a.
T 24	22 40	25 52	4 39	24 47	1 1	24 7	0 18	18 55	0 1	24 12	0 50	4 23	2 27	23 16	0 15	22 19	0 31	10 13	4 55	18 5	17 44	17 5			n.a.
F 25	22 32	23 4	4 59	24 58	1 7	24 12	0 20	19 8	0 2	24 11	0 51	4 20	2 27	23 16	0 15	22 19	0 31	10 13	4 55	18 2	17 43	17 8			n.a.
S 26	22 23	19 4	5 4	25 7	1 14	24 16	0 23	19 20	0 3	24 9	0 51	4 18	2 27	23 17	0 15	22 19	0 31	10 14	4 55	17 59	17 42	17 10			n.a.
S 27	22 14	14 3	4 52	25 15	1 20	24 20	0 25	19 32	0 4	24 8	0 51	4 16	2 27	23 17	0 15	22 19	0 31	10 14	4 55	17 57	17 42	17 13			n.a.
M28	22 4	8 19	4 24	25 22	1 26	24 23	0 28	19 43	0 5	24 7	0 51	4 14	2 26	23 17	0 15	22 19	0 31	10 14	4 54	17 55	17 41	17 16			n.a.
T 29	21 54	2 7	3 40	25 27	1 31	24 26	0 30	19 55	0 6	24 5	0 51	4 12	2 26	23 18	0 15	22 19	0 31	10 14	4 54	17 54	17 40	17 19			n.a.
W30	21 44	4n17	2 43	25 31	1 37	24 27	0 32	20 6	0 7	24 4	0 51	4 9	2 26	23 18	0 15	22 19	0 31	10 14	4 54	17 53	17 39	17 21			n.a.
T 31	21s33	10n33	1s36	25s34	1s41	24s28	0s35	20s17	0s 8	24s 3	0s51	4s 7	2s26	23s18	0s15	22n18	0s31	10n14	4s54	17n53	17n38	17s24			n.a.

Julian Day Number = 977774.5, Delta T = 13h17m32s
Ecliptic obliquity = 23°55'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'28, Lahiri = -32°01'28 Julian Calendar 1 Jan. 2036 BCE == Greg. Calendar 15 Dec. 2037 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

FEBRUARY 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 36 8	26♉ 5'36	15♉ 6	5♉24	4♉26	28♏57	14♉ 4	25♓24	14♐55	12°R56	9°R15	19°R13	18♉16	17♏48	n.a.	F 1
S 2	7 40 4	27° 5'03	29°23	6°58	5°39	29°41	14°18	25°30	14°58	12♊54	9♉15	19♉13	18°12	17°55	n.a.	S 2
S 3	7 44 1	28° 4'28	13♊47	8°34	6°53	0♐25	14°32	25°35	15° 1	12°53	9°15	19°10	18° 9	18° 2	n.a.	S 3
M 4	7 47 57	29° 3'50	28°12	10°10	8° 7	1°10	14°46	25°41	15° 4	12°52	9°15	19° 6	18° 6	18° 8	n.a.	M 4
T 5	7 51 54	0♒ 3'10	12♋34	11°48	9°21	1°54	15° 0	25°46	15° 7	12°51	9°15	18°58	18° 3	18°15	n.a.	T 5
W 6	7 55 50	1° 2'27	26°49	13°27	10°35	2°38	15°14	25°52	15° 9	12°50	9°15	18°48	18° 0	18°22	n.a.	W 6
T 7	7 59 47	2° 1'42	10♌48	15° 8	11°48	3°23	15°29	25°57	15°12	12°49	9°15	18°37	17°57	18°28	n.a.	T 7
F 8	8 3 43	3° 0'55	24°29	16°50	13° 2	4° 7	15°43	26° 3	15°15	12°48	9°D15	18°25	17°53	18°35	n.a.	F 8
S 9	8 7 40	4° 0'06	7♍49	18°33	14°16	4°52	15°57	26° 9	15°17	12°47	9°15	18°14	17°50	18°41	n.a.	S 9
S 10	8 11 37	4°59'15	20°45	20°17	15°30	5°36	16°11	26°15	15°20	12°46	9°15	18° 5	17°47	18°48	n.a.	S 10
M11	8 15 33	5°58'21	3♎20	22° 3	16°44	6°21	16°25	26°21	15°22	12°46	9°15	17°59	17°44	18°55	n.a.	M11
T 12	8 19 30	6°57'26	15°36	23°50	17°57	7° 5	16°39	26°27	15°25	12°45	9°15	17°55	17°41	19° 1	n.a.	T 12
W13	8 23 26	7°56'28	27°37	25°39	19°11	7°50	16°52	26°33	15°27	12°44	9°15	17°53	17°37	19° 8	n.a.	W13
T 14	8 27 23	8°55'29	9♏29	27°29	20°25	8°34	17° 6	26°39	15°30	12°43	9°15	17°D52	17°34	19°15	n.a.	T 14
F 15	8 31 19	9°54'28	21°17	29°20	21°39	9°19	17°20	26°46	15°32	12°42	9°15	17°R52	17°31	19°21	n.a.	F 15
S 16	8 35 16	10°53'25	3♐ 6	1♒13	22°52	10° 3	17°34	26°52	15°34	12°42	9°15	17°52	17°28	19°28	n.a.	S 16
S 17	8 39 12	11°52'20	15° 2	3° 7	24° 6	10°48	17°48	26°58	15°37	12°41	9°16	17°49	17°25	19°35	n.a.	S 17
M18	8 43 9	12°51'13	27°10	5° 3	25°20	11°32	18° 1	27° 5	15°39	12°40	9°16	17°44	17°22	19°41	n.a.	M18
T 19	8 47 5	13°50'04	9♑32	7° 0	26°34	12°17	18°15	27°11	15°41	12°40	9°16	17°37	17°18	19°48	n.a.	T 19
W20	8 51 2	14°48'53	22°13	8°58	27°47	13° 1	18°29	27°18	15°43	12°39	9°16	17°26	17°15	19°55	n.a.	W20
T 21	8 54 59	15°47'40	5♒11	10°58	29° 1	13°46	18°42	27°24	15°45	12°38	9°17	17°14	17°12	20° 1	n.a.	T 21
F 22	8 58 55	16°46'25	18°28	12°58	0♒15	14°30	18°56	27°31	15°48	12°38	9°17	17° 1	17° 9	20° 8	n.a.	F 22
S 23	9 2 52	17°45'08	2♓ 1	15° 0	1°29	15°14	19° 9	27°38	15°50	12°37	9°17	16°49	17° 6	20°14	n.a.	S 23
S 24	9 6 48	18°43'48	15°47	17° 3	2°42	15°59	19°23	27°44	15°52	12°37	9°18	16°38	17° 3	20°21	n.a.	S 24
M25	9 10 45	19°42'26	29°42	19° 7	3°56	16°43	19°36	27°51	15°54	12°36	9°18	16°30	16°59	20°28	n.a.	M25
T 26	9 14 41	20°41'02	13♈43	21°12	5°10	17°28	19°50	27°58	15°56	12°36	9°18	16°24	16°56	20°34	n.a.	T 26
W27	9 18 38	21°39'35	27°48	23°18	6°24	18°12	20° 3	28° 5	15°58	12°35	9°19	16°22	16°53	20°41	n.a.	W27
T 28	9 22 34	22♒38'06	11♉54	25♒24	7♒37	18♐57	20♉16	28♓12	15♐59	12♊35	9♉19	16♉21	16♉50	20♏48	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s22	16n21	0s22	25 s34	1 s46	24 s28	0 s37	20 s28	0 s 9	24 s 1	0 s51	4 s 5	2 s25	23 s19	0 s15	22 n18	0 s31	10 n14	4 s54	17 n53	17 n37	17 s27		n.a.
S 2	21 10	21 18	0n54	25 34	1 50	24 28	0 39	20 39	0 10	24 0	0 51	4 2	2 25	23 19	0 15	22 18	0 31	10 14	4 54	17 53	17 36	17 30		n.a.
S 3	20 58	25 1	2 7	25 32	1 53	24 26	0 42	20 50	0 11	23 58	0 52	4 0	2 25	23 19	0 15	22 18	0 31	10 14	4 53	17 52	17 35	17 32		n.a.
M 4	20 46	27 6	3 11	25 28	1 56	24 24	0 44	21 0	0 12	23 57	0 52	3 57	2 25	23 20	0 15	22 18	0 31	10 14	4 53	17 51	17 34	17 35		n.a.
T 5	20 33	27 22	4 4	25 22	1 59	24 21	0 46	21 10	0 13	23 55	0 52	3 55	2 24	23 20	0 15	22 18	0 31	10 15	4 53	17 49	17 33	17 38		n.a.
W 6	20 20	25 48	4 40	25 15	2 1	24 18	0 48	21 20	0 14	23 54	0 52	3 52	2 24	23 20	0 15	22 18	0 31	10 15	4 53	17 46	17 33	17 41		n.a.
T 7	20 7	22 39	4 59	25 6	2 3	24 13	0 50	21 30	0 15	23 52	0 52	3 50	2 24	23 21	0 15	22 18	0 31	10 15	4 53	17 43	17 32	17 43		n.a.
F 8	19 53	18 19	5 0	24 54	2 5	24 8	0 52	21 40	0 16	23 51	0 52	3 47	2 24	23 21	0 15	22 18	0 31	10 15	4 53	17 40	17 31	17 46		n.a.
S 9	19 39	13 11	4 44	24 41	2 6	24 3	0 54	21 49	0 17	23 49	0 52	3 45	2 23	23 21	0 15	22 17	0 31	10 15	4 52	17 37	17 30	17 49		n.a.
S 10	19 25	7 37	4 15	24 26	2 6	23 56	0 56	21 58	0 18	23 48	0 52	3 42	2 23	23 22	0 15	22 17	0 31	10 15	4 52	17 34	17 29	17 51		n.a.
M11	19 10	1 54	3 33	24 10	2 6	23 49	0 58	22 7	0 19	23 46	0 53	3 39	2 23	23 22	0 15	22 17	0 30	10 16	4 52	17 32	17 28	17 54		n.a.
T 12	18 55	3 s46	2 42	23 51	2 6	23 41	1 0	22 16	0 20	23 44	0 53	3 37	2 23	23 22	0 15	22 17	0 30	10 16	4 52	17 31	17 27	17 57		n.a.
W13	18 39	9 12	1 45	23 29	2 5	23 32	1 1	22 25	0 21	23 43	0 53	3 34	2 23	23 22	0 16	22 17	0 30	10 16	4 52	17 31	17 26	18 0		n.a.
T 14	18 24	14 15	0 44	23 6	2 3	23 23	1 3	22 33	0 22	23 41	0 53	3 31	2 22	23 23	0 16	22 17	0 30	10 16	4 52	17 30	17 25	18 2		n.a.
F 15	18 8	18 44	0 s18	22 41	2 1	23 13	1 5	22 41	0 23	23 39	0 53	3 29	2 22	23 23	0 16	22 17	0 30	10 16	4 51	17 30	17 24	18 5		n.a.
S 16	17 51	22 31	1 20	22 14	1 59	23 2	1 6	22 49	0 24	23 38	0 53	3 26	2 22	23 23	0 16	22 17	0 30	10 17	4 51	17 30	17 23	18 8		n.a.
S 17	17 35	25 22	2 19	21 44	1 56	22 51	1 8	22 56	0 25	23 36	0 53	3 23	2 22	23 24	0 16	22 17	0 30	10 17	4 51	17 30	17 23	18 10		n.a.
M18	17 18	27 6	3 12	21 12	1 52	22 38	1 9	23 4	0 27	23 34	0 53	3 20	2 22	23 24	0 16	22 17	0 30	10 17	4 51	17 28	17 22	18 13		n.a.
T 19	17 1	27 31	3 57	20 39	1 48	22 26	1 11	23 11	0 28	23 33	0 54	3 18	2 21	23 24	0 16	22 17	0 30	10 17	4 51	17 26	17 21	18 16		n.a.
W20	16 43	26 32	4 32	20 3	1 43	22 12	1 12	23 18	0 29	23 31	0 54	3 15	2 21	23 24	0 16	22 17	0 30	10 17	4 51	17 23	17 20	18 18		n.a.
T 21	16 26	24 6	4 54	19 24	1 38	21 58	1 13	23 25	0 30	23 29	0 54	3 12	2 21	23 25	0 16	22 17	0 30	10 18	4 50	17 20	17 19	18 21		n.a.
F 22	16 8	20 20	5 0	18 44	1 32	21 43	1 15	23 31	0 31	23 27	0 54	3 9	2 21	23 25	0 16	22 17	0 30	10 18	4 50	17 16	17 18	18 24		n.a.
S 23	15 50	15 28	4 50	18 2	1 26	21 28	1 16	23 37	0 32	23 25	0 54	3 6	2 21	23 25	0 16	22 17	0 30	10 18	4 50	17 12	17 17	18 26		n.a.
S 24	15 31	9 44	4 23	17 17	1 19	21 12	1 17	23 44	0 33	23 24	0 54	3 3	2 20	23 25	0 16	22 17	0 30	10 19	4 50	17 9	17 16	18 29		n.a.
M25	15 12	3 28	3 40	16 31	1 11	20 56	1 18	23 49	0 34	23 22	0 55	3 0	2 20	23 26	0 16	22 16	0 30	10 19	4 50	17 7	17 15	18 32		n.a.
T 26	14 54	3n 1	2 43	15 43	1 3	20 38	1 19	23 55	0 36	23 20	0 55	2 57	2 20	23 26	0 16	22 16	0 30	10 19	4 50	17 5	17 14	18 34		n.a.
W27	14 34	9 24	1 36	14 53	0 54	20 21	1 20	24 0	0 37	23 18	0 55	2 54	2 20	23 26	0 16	22 16	0 30	10 19	4 49	17 4	17 13	18 37		n.a.
T 28	14 s15	15n21	0 s23	14 s 1	0 s45	20 s 2	1 s21	24 s 5	0 s38	23 s16	0 s55	2 s52	2 s20	23 s26	0 s16	22 n16	0 s30	10 n20	4 s49	17 n 4	17 n12	18 s40		n.a.

Julian Day Number = 977805.5, Delta T = 13h17m30s
Ecliptic obliquity = 23°55'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'24, Lahiri = -32°01'24 Julian Calendar 1 Feb. 2036 BCE == Greg. Calendar 15 Jan. 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

MARCH 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 26 31	23♒36'35	26♉ 1	27♒31	8♒51	19♐41	20♑29	28♓19	16♐ 1	12°R35	9♉20	16°R21	16♉47	20♏54	n.a.	F 1
S 2	9 30 27	24°35'01	10♊ 7	29°37	10° 5	20°25	20°42	28°26	16° 3	12♊34	9°20	16♉20	16°43	21° 1	n.a.	S 2
S 3	9 34 24	25°33'26	24°11	1♓44	11°18	21°10	20°56	28°33	16° 5	12°34	9°21	16°18	16°40	21° 8	n.a.	S 3
M 4	9 38 21	26°31'47	8♋13	3°49	12°32	21°54	21° 9	28°40	16° 6	12°34	9°21	16°13	16°37	21°14	n.a.	M 4
T 5	9 42 17	27°30'07	22° 9	5°55	13°46	22°39	21°22	28°48	16° 8	12°34	9°22	16° 5	16°34	21°21	n.a.	T 5
W 6	9 46 14	28°28'24	5♌57	7°59	14°59	23°23	21°34	28°55	16°10	12°34	9°22	15°55	16°31	21°28	n.a.	W 6
T 7	9 50 10	29°26'39	19°33	10° 1	16°13	24° 7	21°47	29° 2	16°11	12°33	9°23	15°44	16°28	21°34	n.a.	T 7
F 8	9 54 7	0♓24'52	2♍54	12° 2	17°27	24°52	22° 0	29° 9	16°13	12°33	9°24	15°31	16°24	21°41	n.a.	F 8
S 9	9 58 3	1°23'04	15°59	14° 1	18°40	25°36	22°13	29°17	16°14	12°33	9°24	15°20	16°21	21°48	n.a.	S 9
S 10	10 2 0	2°21'13	28°45	15°57	19°54	26°20	22°25	29°24	16°16	12°33	9°25	15°11	16°18	21°54	n.a.	S 10
M11	10 5 56	3°19'20	11♎14	17°51	21° 8	27° 5	22°38	29°31	16°17	12°D33	9°26	15° 4	16°15	22° 1	n.a.	M11
T 12	10 9 53	4°17'26	23°27	19°42	22°21	27°49	22°50	29°39	16°18	12°33	9°26	14°59	16°12	22° 7	n.a.	T 12
W13	10 13 49	5°15'30	5♏27	21°29	23°35	28°33	23° 3	29°46	16°20	12°33	9°27	14°57	16° 9	22°14	n.a.	W13
T 14	10 17 46	6°13'32	17°19	23°14	24°49	29°17	23°15	29°54	16°21	12°33	9°28	14°D57	16° 5	22°21	n.a.	T 14
F 15	10 21 42	7°11'33	29° 8	24°55	26° 2	0♑ 2	23°28	0♈ 1	16°22	12°34	9°29	14°57	16° 2	22°27	n.a.	F 15
S 16	10 25 39	8° 9'33	10♐58	26°32	27°16	0°46	23°40	0° 9	16°23	12°34	9°29	14°R57	15°59	22°34	n.a.	S 16
S 17	10 29 36	9° 7'31	22°56	28° 5	28°30	1°30	23°52	0°16	16°24	12°34	9°30	14°56	15°56	22°41	n.a.	S 17
M18	10 33 32	10° 5'27	5♑ 5	29°34	29°43	2°14	24° 4	0°24	16°25	12°34	9°31	14°53	15°53	22°47	n.a.	M18
T 19	10 37 29	11° 3'22	17°32	1♈ 0	0♓57	2°58	24°16	0°32	16°26	12°34	9°32	14°48	15°49	22°54	n.a.	T 19
W20	10 41 25	12° 1'15	0♒19	2°21	2°11	3°42	24°28	0°39	16°27	12°35	9°33	14°41	15°46	23° 1	n.a.	W20
T 21	10 45 22	12°59'07	13°29	3°38	3°24	4°26	24°40	0°47	16°28	12°35	9°34	14°32	15°43	23° 7	n.a.	T 21
F 22	10 49 18	13°56'57	27° 1	4°50	4°38	5°10	24°51	0°55	16°29	12°35	9°35	14°22	15°40	23°14	n.a.	F 22
S 23	10 53 15	14°54'46	10♓53	5°59	5°51	5°54	25° 3	1° 3	16°30	12°36	9°35	14°12	15°37	23°21	n.a.	S 23
S 24	10 57 11	15°52'33	25° 3	7° 2	7° 5	6°38	25°15	1°10	16°31	12°36	9°36	14° 3	15°34	23°27	n.a.	S 24
M25	11 1 8	16°50'18	9♈23	8° 2	8°19	7°22	25°26	1°18	16°31	12°37	9°37	13°57	15°30	23°34	n.a.	M25
T 26	11 5 5	17°48'02	23°50	8°57	9°32	8° 6	25°38	1°26	16°32	12°37	9°38	13°53	15°27	23°41	n.a.	T 26
W27	11 9 1	18°45'44	8♉17	9°47	10°46	8°50	25°49	1°34	16°33	12°38	9°39	13°D51	15°24	23°47	n.a.	W27
T 28	11 12 58	19°43'24	22°40	10°32	12° 0	9°34	26° 0	1°42	16°33	12°38	9°40	13°52	15°21	23°54	n.a.	T 28
F 29	11 16 54	20°41'02	6♊56	11°13	13°13	10°17	26°11	1°49	16°34	12°39	9°41	13°52	15°18	24° 0	n.a.	F 29
S 30	11 20 51	21°38'39	21° 3	11°49	14°27	11° 1	26°22	1°57	16°34	12°39	9°42	13°R53	15°15	24° 7	n.a.	S 30
S 31	11 24 47	22♓36'14	5♋ 0	12♈20	15♓40	11♑45	26♑33	2♈ 5	16♐35	12♊40	9♉43	13♉52	15♉11	24♏14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s55	20n29	0n51	13s 8	0s36	19s44	1s22	24s10	0s39	23s14	0s55	2s49	2s20	23s26	0s16	22n16	0s30	10n20	4s49	17n 4	17n12	18s42		n.a.
S 2	13 36	24 26	2 2	12 14	0 26	19 24	1 22	24 15	0 40	23 13	0 55	2 46	2 19	23 27	0 16	22 16	0 30	10 20	4 49	17 4	17 11	18 45		n.a.
S 3	13 16	26 54	3 6	11 19	0 15	19 4	1 23	24 19	0 41	23 11	0 56	2 42	2 19	23 27	0 16	22 16	0 30	10 21	4 49	17 3	17 10	18 48		n.a.
M 4	12 56	27 38	3 58	10 23	0 4	18 44	1 24	24 23	0 42	23 9	0 56	2 39	2 19	23 27	0 16	22 16	0 30	10 21	4 49	17 2	17 9	18 50		n.a.
T 5	12 35	26 36	4 36	9 26	0n 7	18 23	1 24	24 27	0 44	23 7	0 56	2 36	2 19	23 27	0 16	22 16	0 30	10 21	4 48	16 59	17 8	18 53		n.a.
W 6	12 15	23 57	4 57	8 29	0 18	18 1	1 25	24 30	0 45	23 5	0 56	2 33	2 19	23 27	0 16	22 16	0 30	10 22	4 48	16 56	17 7	18 56		n.a.
T 7	11 54	20 0	5 0	7 31	0 29	17 39	1 25	24 34	0 46	23 3	0 56	2 30	2 19	23 28	0 16	22 16	0 30	10 22	4 48	16 53	17 6	18 58		n.a.
F 8	11 33	15 6	4 47	6 34	0 40	17 17	1 26	24 37	0 47	23 1	0 56	2 27	2 19	23 28	0 16	22 16	0 30	10 22	4 48	16 49	17 5	19 1		n.a.
S 9	11 12	9 37	4 20	5 37	0 52	16 54	1 26	24 40	0 48	22 59	0 57	2 24	2 18	23 28	0 16	22 16	0 30	10 23	4 48	16 46	17 4	19 3		n.a.
S 10	10 51	3 51	3 39	4 41	1 3	16 30	1 26	24 42	0 50	22 57	0 57	2 21	2 18	23 28	0 16	22 16	0 30	10 23	4 48	16 43	17 3	19 6		n.a.
M11	10 30	1s57	2 49	3 46	1 14	16 6	1 26	24 45	0 51	22 55	0 57	2 18	2 18	23 28	0 16	22 17	0 30	10 23	4 48	16 41	17 2	19 9		n.a.
T 12	10 8	7 34	1 52	2 52	1 24	15 42	1 26	24 47	0 52	22 53	0 57	2 15	2 18	23 29	0 16	22 17	0 30	10 24	4 47	16 40	17 1	19 11		n.a.
W13	9 46	12 49	0 50	2 0	1 35	15 17	1 27	24 49	0 53	22 51	0 57	2 12	2 18	23 29	0 16	22 17	0 30	10 24	4 47	16 39	17 0	19 14		n.a.
T 14	9 25	17 33	0s13	1 9	1 45	14 52	1 27	24 50	0 55	22 49	0 58	2 8	2 18	23 29	0 16	22 17	0 30	10 25	4 47	16 39	16 59	19 16		n.a.
F 15	9 3	21 36	1 15	0 19	1 54	14 27	1 26	24 52	0 56	22 48	0 58	2 5	2 18	23 29	0 16	22 17	0 30	10 25	4 47	16 39	16 58	19 19		n.a.
S 16	8 41	24 46	2 14	0n28	2 3	14 1	1 26	24 53	0 57	22 46	0 58	2 2	2 18	23 29	0 16	22 17	0 30	10 25	4 47	16 39	16 58	19 22		n.a.
S 17	8 19	26 52	3 8	1 14	2 12	13 35	1 26	24 54	0 58	22 44	0 58	1 59	2 17	23 29	0 16	22 17	0 29	10 26	4 47	16 39	16 57	19 24		n.a.
M18	7 56	27 44	3 54	1 57	2 20	13 8	1 26	24 54	0 59	22 42	0 58	1 56	2 17	23 29	0 16	22 17	0 29	10 26	4 46	16 38	16 56	19 27		n.a.
T 19	7 34	27 14	4 31	2 38	2 27	12 41	1 26	24 54	1 1	22 40	0 59	1 53	2 17	23 30	0 16	22 17	0 29	10 27	4 46	16 36	16 55	19 29		n.a.
W20	7 12	25 17	4 55	3 17	2 33	12 14	1 25	24 55	1 2	22 38	0 59	1 49	2 17	23 30	0 16	22 17	0 29	10 27	4 46	16 34	16 54	19 32		n.a.
T 21	6 49	21 57	5 4	3 53	2 39	11 46	1 25	24 54	1 3	22 36	0 59	1 46	2 17	23 30	0 16	22 17	0 29	10 27	4 46	16 32	16 53	19 35		n.a.
F 22	6 26	17 23	4 57	4 27	2 44	11 19	1 24	24 54	1 4	22 34	0 59	1 43	2 17	23 30	0 16	22 17	0 29	10 28	4 46	16 28	16 52	19 37		n.a.
S 23	6 4	11 49	4 32	4 58	2 48	10 50	1 24	24 53	1 6	22 32	0 59	1 40	2 17	23 30	0 16	22 17	0 29	10 28	4 46	16 26	16 51	19 40		n.a.
S 24	5 41	5 31	3 51	5 27	2 51	10 22	1 23	24 52	1 7	22 30	1 0	1 36	2 17	23 30	0 16	22 17	0 29	10 29	4 46	16 23	16 50	19 42		n.a.
M25	5 18	1n 8	2 54	5 53	2 53	9 53	1 22	24 51	1 8	22 28	1 0	1 33	2 17	23 30	0 16	22 17	0 29	10 29	4 45	16 21	16 49	19 45		n.a.
T 26	4 55	7 48	1 45	6 16	2 54	9 24	1 21	24 50	1 10	22 26	1 0	1 30	2 17	23 30	0 16	22 17	0 29	10 30	4 45	16 20	16 48	19 47		n.a.
W27	4 32	14 5	0 30	6 37	2 55	8 55	1 21	24 48	1 11	22 24	1 0	1 27	2 16	23 30	0 16	22 18	0 29	10 30	4 45	16 19	16 47	19 50		n.a.
T 28	4 9	19 34	0n47	6 55	2 54	8 26	1 20	24 46	1 12	22 22	1 0	1 23	2 16	23 30	0 16	22 18	0 29	10 30	4 45	16 19	16 46	19 52		n.a.
F 29	3 46	23 54	2 1	7 9	2 52	7 56	1 19	24 44	1 13	22 20	1 1	1 20	2 16	23 30	0 16	22 18	0 29	10 31	4 45	16 20	16 45	19 55		n.a.
S 30	3 23	26 43	3 6	7 21	2 50	7 26	1 18	24 42	1 15	22 18	1 1	1 17	2 16	23 31	0 16	22 18	0 29	10 31	4 45	16 20	16 44	19 57		n.a.
S 31	3s 0	27n50	4n 0	7n30	2n46	6s56	1s17	24s39	1s16	22s16	1s 1	1s14	2s16	23s31	0s16	22n18	0s29	10n32	4s45	16n20	16n43	20s 0		n.a.

Julian Day Number = 977833.5, Delta T = 13h17m28s
Ecliptic obliquity = 23°55'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'20, Lahiri = -32°01'20 Julian Calendar 1 March 2036 BCE == Greg. Calendar 12 Feb. 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

APRIL 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 28 44	23♓33'47	18♋47	12♈46	16♓54	12♑28	26♑44	2♈13	16♐35	12♊41	9♉45	13°R50	15♉ 8	24♏20	n.a.	M 1
T 2	11 32 40	24°31'19	2♌23	13° 7	18° 8	13°12	26°55	2°21	16°35	12°41	9°46	13♉45	15° 5	24°27	n.a.	T 2
W 3	11 36 37	25°28'48	15°47	13°24	19°21	13°56	27° 5	2°29	16°35	12°42	9°47	13°39	15° 2	24°34	n.a.	W 3
T 4	11 40 34	26°26'17	28°59	13°35	20°35	14°39	27°16	2°37	16°36	12°43	9°48	13°31	14°59	24°40	n.a.	T 4
F 5	11 44 30	27°23'43	11♍57	13°42	21°48	15°23	27°26	2°45	16°36	12°44	9°49	13°23	14°55	24°47	n.a.	F 5
S 6	11 48 27	28°21'09	24°42	13°R43	23° 2	16° 6	27°37	2°53	16°36	12°45	9°50	13°15	14°52	24°54	n.a.	S 6
S 7	11 52 23	29°18'33	7♎13	13°41	24°16	16°49	27°47	3° 0	16°36	12°45	9°51	13° 9	14°49	25° 0	n.a.	S 7
M 8	11 56 20	0♈15'56	19°30	13°33	25°29	17°33	27°57	3° 8	16°R36	12°46	9°52	13° 5	14°46	25° 7	n.a.	M 8
T 9	12 0 16	1°13'18	1♏36	13°21	26°43	18°16	28° 7	3°16	16°36	12°47	9°54	13° 2	14°43	25°14	n.a.	T 9
W10	12 4 13	2°10'39	13°32	13° 6	27°56	18°59	28°17	3°24	16°36	12°48	9°55	13°D 1	14°40	25°20	n.a.	W10
T 11	12 8 9	3° 7'59	25°22	12°46	29°10	19°42	28°26	3°32	16°36	12°49	9°56	13° 2	14°36	25°27	n.a.	T 11
F 12	12 12 6	4° 5'18	7♐10	12°23	0♈24	20°25	28°36	3°40	16°36	12°50	9°57	13° 4	14°33	25°34	n.a.	F 12
S 13	12 16 2	5° 2'36	19° 1	11°57	1°37	21° 8	28°46	3°48	16°35	12°51	9°59	13° 5	14°30	25°40	n.a.	S 13
S 14	12 19 59	5°59'54	0♑58	11°28	2°51	21°51	28°55	3°56	16°35	12°52	10° 0	13°R 6	14°27	25°47	n.a.	S 14
M15	12 23 56	6°57'10	13° 8	10°57	4° 4	22°34	29° 4	4° 4	16°35	12°53	10° 1	13° 6	14°24	25°53	n.a.	M15
T 16	12 27 52	7°54'27	25°35	10°25	5°18	23°17	29°14	4°12	16°34	12°55	10° 2	13° 5	14°20	26° 0	n.a.	T 16
W17	12 31 49	8°51'42	8♒23	9°52	6°32	24° 0	29°23	4°20	16°34	12°56	10° 4	13° 2	14°17	26° 7	n.a.	W17
T 18	12 35 45	9°48'57	21°35	9°18	7°45	24°42	29°32	4°28	16°34	12°57	10° 5	12°58	14°14	26°13	n.a.	T 18
F 19	12 39 42	10°46'11	5♓12	8°45	8°59	25°25	29°40	4°36	16°33	12°58	10° 6	12°53	14°11	26°20	n.a.	F 19
S 20	12 43 38	11°43'24	19°15	8°12	10°13	26° 8	29°49	4°44	16°33	12°59	10° 8	12°48	14° 8	26°27	n.a.	S 20
S 21	12 47 35	12°40'36	3♈39	7°40	11°26	26°50	29°58	4°52	16°32	13° 1	10° 9	12°44	14° 5	26°33	n.a.	S 21
M22	12 51 32	13°37'48	18°18	7°11	12°40	27°33	0♒ 6	4°59	16°31	13° 2	10°10	12°41	14° 1	26°40	n.a.	M22
T 23	12 55 28	14°34'59	3♉ 7	6°43	13°54	28°15	0°14	5° 7	16°31	13° 3	10°12	12°40	13°58	26°47	n.a.	T 23
W24	12 59 25	15°32'10	17°58	6°19	15° 7	28°57	0°22	5°15	16°30	13° 5	10°13	12°D40	13°55	26°53	n.a.	W24
T 25	13 3 21	16°29'19	2♊43	5°57	16°21	29°39	0°31	5°23	16°29	13° 6	10°14	12°40	13°52	27° 0	n.a.	T 25
F 26	13 7 18	17°26'28	17°17	5°39	17°34	0♒21	0°38	5°31	16°28	13° 7	10°16	12°42	13°49	27° 7	n.a.	F 26
S 27	13 11 14	18°23'36	1♋36	5°25	18°48	1° 3	0°46	5°39	16°27	13° 9	10°17	12°43	13°46	27°13	n.a.	S 27
S 28	13 15 11	19°20'43	15°37	5°15	20° 2	1°45	0°54	5°47	16°26	13°10	10°18	12°R44	13°42	27°20	n.a.	S 28
M29	13 19 7	20°17'49	29°20	5° 9	21°15	2°27	1° 1	5°54	16°25	13°12	10°20	12°43	13°39	27°27	n.a.	M29
T 30	13 23 4	21♈14'54	12♌45	5°D 7	22♈29	3♒ 9	1♒ 8	6♈ 2	16♐24	13♊13	10♉21	12♉42	13♉36	27♏33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s36	27n11	4n39	7n36	2n41	6s26	1s16	24s37	1s17	22s15	1s 1	1s11	2s16	23s31	0s17	22n18	0s29	10n32	4s44	16n19	16n42	20s 2		n.a.
T 2	2 13	24 55	5 1	7 40	2 35	5 56	1 15	24 34	1 18	22 13	1 2	1 7	2 16	23 31	0 17	22 18	0 29	10 33	4 44	16 17	16 42	20 5		n.a.
W 3	1 50	21 18	5 7	7 40	2 28	5 25	1 13	24 30	1 20	22 11	1 2	1 4	2 16	23 31	0 17	22 18	0 29	10 33	4 44	16 15	16 41	20 7		n.a.
T 4	1 27	16 41	4 56	7 37	2 20	4 54	1 12	24 27	1 21	22 9	1 2	1 1	2 16	23 31	0 17	22 18	0 29	10 34	4 44	16 13	16 40	20 10		n.a.
F 5	1 3	11 22	4 30	7 31	2 11	4 24	1 11	24 23	1 22	22 7	1 2	0 57	2 16	23 31	0 17	22 19	0 29	10 34	4 44	16 11	16 39	20 12		n.a.
S 6	0 40	5 40	3 51	7 23	2 1	3 53	1 9	24 19	1 24	22 5	1 3	0 54	2 16	23 31	0 17	22 19	0 29	10 35	4 44	16 8	16 38	20 15		n.a.
S 7	0 17	0s 9	3 2	7 11	1 50	3 22	1 8	24 15	1 25	22 3	1 3	0 51	2 16	23 31	0 17	22 19	0 29	10 35	4 44	16 6	16 37	20 17		n.a.
M 8	0n 6	5 52	2 4	6 57	1 38	2 50	1 6	24 11	1 26	22 2	1 3	0 48	2 16	23 31	0 17	22 19	0 29	10 36	4 44	16 5	16 36	20 20		n.a.
T 9	0 30	11 18	1 2	6 40	1 25	2 19	1 5	24 6	1 28	22 0	1 3	0 44	2 16	23 31	0 17	22 19	0 29	10 36	4 43	16 4	16 35	20 22		n.a.
W10	0 53	16 16	0s 3	6 21	1 11	1 48	1 3	24 1	1 29	21 58	1 4	0 41	2 16	23 31	0 17	22 19	0 29	10 37	4 43	16 4	16 34	20 25		n.a.
T 11	1 16	20 35	1 7	6 0	0 56	1 17	1 2	23 56	1 30	21 56	1 4	0 38	2 16	23 31	0 17	22 19	0 29	10 37	4 43	16 4	16 33	20 27		n.a.
F 12	1 39	24 3	2 8	5 37	0 41	0 45	1 0	23 51	1 31	21 54	1 4	0 35	2 16	23 31	0 17	22 20	0 29	10 38	4 43	16 5	16 32	20 30		n.a.
S 13	2 3	26 31	3 3	5 12	0 25	0 14	0 58	23 45	1 33	21 53	1 4	0 32	2 16	23 31	0 17	22 20	0 29	10 38	4 43	16 5	16 31	20 32		n.a.
S 14	2 26	27 47	3 52	4 45	0 8	0n17	0 57	23 40	1 34	21 51	1 5	0 28	2 16	23 31	0 17	22 20	0 29	10 39	4 43	16 5	16 30	20 35		n.a.
M15	2 49	27 45	4 31	4 17	0s 9	0 49	0 55	23 34	1 35	21 49	1 5	0 25	2 16	23 31	0 17	22 20	0 29	10 39	4 43	16 5	16 29	20 37		n.a.
T 16	3 12	26 20	4 58	3 49	0 26	1 20	0 53	23 28	1 37	21 47	1 5	0 22	2 16	23 31	0 17	22 20	0 29	10 40	4 43	16 5	16 28	20 40		n.a.
W17	3 35	23 32	5 11	3 20	0 43	1 52	0 51	23 21	1 38	21 46	1 5	0 19	2 16	23 31	0 17	22 20	0 29	10 40	4 43	16 4	16 27	20 42		n.a.
T 18	3 58	19 27	5 9	2 51	0 59	2 23	0 49	23 15	1 39	21 44	1 6	0 15	2 16	23 31	0 17	22 21	0 29	10 41	4 42	16 3	16 26	20 45		n.a.
F 19	4 21	14 15	4 49	2 23	1 16	2 54	0 47	23 8	1 41	21 42	1 6	0 12	2 16	23 31	0 17	22 21	0 29	10 41	4 42	16 1	16 25	20 47		n.a.
S 20	4 44	8 11	4 12	1 55	1 32	3 26	0 45	23 1	1 42	21 41	1 6	0 9	2 16	23 31	0 17	22 21	0 29	10 42	4 42	16 0	16 24	20 50		n.a.
S 21	5 6	1 32	3 18	1 28	1 47	3 57	0 43	22 54	1 43	21 39	1 6	0 6	2 16	23 31	0 17	22 21	0 28	10 42	4 42	15 59	16 23	20 52		n.a.
M22	5 29	5n20	2 10	1 3	2 2	4 28	0 41	22 47	1 44	21 38	1 7	0 3	2 16	23 31	0 17	22 21	0 28	10 43	4 42	15 58	16 22	20 54		n.a.
T 23	5 52	11 59	0 52	0 39	2 16	4 59	0 39	22 40	1 46	21 36	1 7	0n 1	2 16	23 31	0 17	22 22	0 28	10 43	4 42	15 57	16 21	20 57		n.a.
W24	6 14	18 0	0n29	0 17	2 29	5 30	0 37	22 32	1 47	21 35	1 7	0 4	2 16	23 31	0 17	22 22	0 28	10 44	4 42	15 57	16 20	20 59		n.a.
T 25	6 37	22 54	1 48	0s 3	2 41	6 1	0 35	22 24	1 48	21 33	1 8	0 7	2 16	23 31	0 17	22 22	0 28	10 44	4 42	15 57	16 19	21 2		n.a.
F 26	6 59	26 17	2 59	0 20	2 52	6 32	0 33	22 16	1 50	21 32	1 8	0 10	2 16	23 31	0 17	22 22	0 28	10 45	4 42	15 58	16 18	21 4		n.a.
S 27	7 21	27 53	3 58	0 35	3 2	7 2	0 31	22 8	1 51	21 30	1 8	0 13	2 16	23 30	0 17	22 22	0 28	10 45	4 42	15 58	16 18	21 6		n.a.
S 28	7 43	27 38	4 41	0 47	3 10	7 33	0 29	22 0	1 52	21 29	1 8	0 16	2 16	23 30	0 17	22 23	0 28	10 46	4 41	15 59	16 17	21 9		n.a.
M29	8 5	25 42	5 6	0 56	3 18	8 3	0 26	21 51	1 54	21 27	1 9	0 19	2 16	23 30	0 17	22 23	0 28	10 46	4 41	15 58	16 16	21 11		n.a.
T 30	8n27	22n21	5n15	1s 2	3s24	8n33	0s24	21s43	1s55	21s26	1s 9	0n23	2s16	23s30	0s17	22n23	0s28	10n47	4s41	15n58	16n15	21s14		n.a.

Julian Day Number = 977864.5, Delta T = 13h17m26s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'16, Lahiri = -32°01'16 Julian Calendar 1 Apr. 2036 BCE == Greg. Calendar 15 March 2036 BCE

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

MAY 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 27 1	22♈11'58	25♌53	5♈10	23♈43	3♒50	1♒16	6♈10	16°R23	13♊15	10♉23	12°R40	13♉33	27♏40	n.a.	W 1
T 2	13 30 57	23° 9'02	8♍46	5°18	24°56	4°32	1°23	6°18	16♐22	13°16	10°24	12♉38	13°30	27°47	n.a.	T 2
F 3	13 34 54	24° 6'05	21°25	5°30	26°10	5°13	1°30	6°25	16°21	13°18	10°26	12°35	13°26	27°53	n.a.	F 3
S 4	13 38 50	25° 3'07	3♎51	5°47	27°24	5°54	1°36	6°33	16°20	13°19	10°27	12°32	13°23	28° 0	n.a.	S 4
S 5	13 42 47	26° 0'09	16° 5	6° 8	28°37	6°36	1°43	6°41	16°19	13°21	10°28	12°30	13°20	28° 6	n.a.	S 5
M 6	13 46 43	26°57'11	28°10	6°34	29°51	7°17	1°49	6°48	16°18	13°23	10°30	12°29	13°17	28°13	n.a.	M 6
T 7	13 50 40	27°54'13	10♏ 8	7° 5	1♉ 4	7°58	1°55	6°56	16°16	13°24	10°31	12°D28	13°14	28°20	n.a.	T 7
W 8	13 54 37	28°51'14	21°59	7°40	2°18	8°39	2° 2	7° 4	16°15	13°26	10°33	12°29	13°11	28°26	n.a.	W 8
T 9	13 58 33	29°48'15	3♐48	8°19	3°32	9°19	2° 8	7°11	16°14	13°28	10°34	12°29	13° 7	28°33	n.a.	T 9
F 10	14 2 30	0♉45'17	15°36	9° 3	4°45	10° 0	2°13	7°19	16°12	13°29	10°36	12°30	13° 4	28°40	n.a.	F 10
S 11	14 6 26	1°42'18	27°27	9°51	5°59	10°41	2°19	7°26	16°11	13°31	10°37	12°31	13° 1	28°46	n.a.	S 11
S 12	14 10 23	2°39'20	9♑25	10°43	7°13	11°21	2°24	7°34	16° 9	13°33	10°39	12°32	12°58	28°53	n.a.	S 12
M13	14 14 19	3°36'21	21°35	11°40	8°27	12° 1	2°30	7°41	16° 8	13°35	10°40	12°33	12°55	29° 0	n.a.	M13
T 14	14 18 16	4°33'23	4♒ 0	12°40	9°40	12°42	2°35	7°49	16° 6	13°36	10°42	12°R33	12°51	29° 6	n.a.	T 14
W15	14 22 12	5°30'25	16°46	13°45	10°54	13°22	2°40	7°56	16° 4	13°38	10°43	12°33	12°48	29°13	n.a.	W15
T 16	14 26 9	6°27'28	29°54	14°53	12° 8	14° 2	2°45	8° 3	16° 3	13°40	10°45	12°33	12°45	29°20	n.a.	T 16
F 17	14 30 6	7°24'31	13♓28	16° 6	13°21	14°41	2°49	8°11	16° 1	13°42	10°46	12°32	12°42	29°26	n.a.	F 17
S 18	14 34 2	8°21'34	27°29	17°22	14°35	15°21	2°54	8°18	15°59	13°44	10°48	12°32	12°39	29°33	n.a.	S 18
S 19	14 37 59	9°18'37	11♈55	18°42	15°49	16° 1	2°58	8°25	15°58	13°46	10°49	12°31	12°36	29°40	n.a.	S 19
M20	14 41 55	10°15'41	26°42	20° 6	17° 3	16°40	3° 2	8°32	15°56	13°48	10°50	12°31	12°32	29°46	n.a.	M20
T 21	14 45 52	11°12'45	11♉43	21°34	18°16	17°19	3° 6	8°39	15°54	13°50	10°52	12°D31	12°29	29°53	n.a.	T 21
W22	14 49 48	12° 9'49	26°50	23° 5	19°30	17°58	3°10	8°47	15°52	13°52	10°53	12°R31	12°26	29°59	n.a.	W22
T 23	14 53 45	13° 6'54	11♊54	24°40	20°44	18°37	3°13	8°54	15°50	13°53	10°55	12°31	12°23	0♐ 6	n.a.	T 23
F 24	14 57 42	14° 3'59	26°47	26°18	21°58	19°16	3°17	9° 1	15°49	13°55	10°56	12°31	12°20	0°13	n.a.	F 24
S 25	15 1 38	15° 1'04	11♋22	28° 0	23°11	19°55	3°20	9° 8	15°47	13°57	10°58	12°31	12°17	0°20	n.a.	S 25
S 26	15 5 35	15°58'09	25°34	29°45	24°25	20°33	3°23	9°15	15°45	13°59	10°59	12°30	12°13	0°26	n.a.	S 26
M27	15 9 31	16°55'15	9♌22	1♉33	25°39	21°12	3°26	9°21	15°43	14° 1	11° 1	12°30	12°10	0°33	n.a.	M27
T 28	15 13 28	17°52'20	22°46	3°24	26°53	21°50	3°28	9°28	15°41	14° 3	11° 2	12°D30	12° 7	0°39	n.a.	T 28
W29	15 17 24	18°49'26	5♍47	5°18	28° 6	22°28	3°31	9°35	15°39	14° 6	11° 4	12°30	12° 4	0°46	n.a.	W29
T 30	15 21 21	19°46'31	18°29	7°15	29°20	23° 5	3°33	9°42	15°37	14° 8	11° 5	12°31	12° 1	0°53	n.a.	T 30
F 31	15 25 18	20♉43'37	0♎55	9♉13	0♊34	23♒43	3♒35	9♈49	15♐34	14♊10	11♉ 7	12♉32	11♉57	0♐59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	8n49	17n56	5n 7	1s 6	3s30	9n 3	0s22	21s34	1s56	21s25	1s 9	0n26	2s16	23s30	0s17	22n23	0s28	10n47	4s41	15n57	16n14	21s16			n.a.
T 2	9 11	12 48	4 43	1 7	3 34	9 33	0 19	21 25	1 58	21 23	1 10	0 29	2 16	23 30	0 17	22 23	0 28	10 48	4 41	15 57	16 13	21 18			n.a.
F 3	9 32	7 13	4 6	1 4	3 37	10 2	0 17	21 16	1 59	21 22	1 10	0 32	2 16	23 30	0 17	22 24	0 28	10 48	4 41	15 56	16 12	21 21			n.a.
S 4	9 53	1 27	3 18	0 59	3 39	10 31	0 15	21 7	2 0	21 21	1 10	0 35	2 16	23 30	0 17	22 24	0 28	10 49	4 41	15 55	16 11	21 23			n.a.
S 5	10 15	4s18	2 21	0 51	3 39	11 0	0 13	20 58	2 1	21 20	1 11	0 38	2 16	23 30	0 17	22 24	0 28	10 50	4 41	15 54	16 10	21 25			n.a.
M 6	10 36	9 49	1 18	0 41	3 39	11 29	0 10	20 48	2 3	21 19	1 11	0 41	2 16	23 30	0 17	22 24	0 28	10 50	4 41	15 54	16 9	21 28			n.a.
T 7	10 57	14 57	0 13	0 27	3 38	11 58	0 8	20 39	2 4	21 17	1 11	0 44	2 16	23 30	0 17	22 25	0 28	10 51	4 41	15 54	16 8	21 30			n.a.
W 8	11 17	19 29	0s52	0 11	3 36	12 26	0 6	20 29	2 5	21 16	1 11	0 47	2 16	23 29	0 17	22 25	0 28	10 51	4 41	15 54	16 7	21 33			n.a.
T 9	11 38	23 14	1 55	0n 7	3 33	12 54	0 3	20 19	2 7	21 15	1 12	0 50	2 16	23 29	0 17	22 25	0 28	10 52	4 41	15 54	16 6	21 35			n.a.
F 10	11 58	26 0	2 53	0 28	3 29	13 21	0 1	20 9	2 8	21 14	1 12	0 53	2 16	23 29	0 17	22 25	0 28	10 52	4 40	15 54	16 5	21 37			n.a.
S 11	12 18	27 39	3 44	0 52	3 24	13 49	0n 2	19 59	2 9	21 13	1 12	0 56	2 16	23 29	0 17	22 26	0 28	10 53	4 40	15 55	16 4	21 40			n.a.
S 12	12 39	28 0	4 26	1 18	3 19	14 16	0 4	19 49	2 10	21 12	1 13	0 59	2 16	23 29	0 17	22 26	0 28	10 53	4 40	15 55	16 3	21 42			n.a.
M13	12 58	27 2	4 56	1 46	3 12	14 42	0 6	19 38	2 12	21 11	1 13	1 2	2 16	23 29	0 17	22 26	0 28	10 54	4 40	15 55	16 2	21 44			n.a.
T 14	13 18	24 43	5 14	2 16	3 5	15 9	0 9	19 28	2 13	21 11	1 13	1 5	2 16	23 29	0 17	22 26	0 28	10 54	4 40	15 55	16 1	21 47			n.a.
W15	13 38	21 9	5 16	2 49	2 58	15 35	0 11	19 17	2 14	21 10	1 14	1 8	2 16	23 28	0 17	22 27	0 28	10 55	4 40	15 55	16 0	21 49			n.a.
T 16	13 57	16 27	5 3	3 23	2 50	16 0	0 13	19 7	2 16	21 9	1 14	1 10	2 17	23 28	0 17	22 27	0 28	10 55	4 40	15 55	15 59	21 51			n.a.
F 17	14 16	10 48	4 32	3 59	2 41	16 25	0 16	18 56	2 17	21 8	1 14	1 13	2 17	23 28	0 17	22 27	0 28	10 56	4 40	15 55	15 58	21 53			n.a.
S 18	14 35	4 27	3 45	4 38	2 32	16 50	0 18	18 45	2 18	21 7	1 15	1 16	2 17	23 28	0 18	22 27	0 28	10 56	4 40	15 55	15 57	21 56			n.a.
S 19	14 53	2n20	2 42	5 18	2 22	17 14	0 20	18 34	2 19	21 7	1 15	1 19	2 17	23 28	0 18	22 28	0 28	10 57	4 40	15 55	15 56	21 58			n.a.
M20	15 12	9 9	1 27	5 59	2 12	17 38	0 23	18 23	2 21	21 6	1 15	1 22	2 17	23 28	0 18	22 28	0 28	10 57	4 40	15 55	15 55	22 0			n.a.
T 21	15 30	15 35	0 4	6 43	2 1	18 1	0 25	18 12	2 22	21 5	1 16	1 25	2 17	23 27	0 18	22 28	0 28	10 58	4 40	15 55	15 54	22 3			n.a.
W22	15 48	21 8	1n19	7 27	1 50	18 24	0 27	18 1	2 23	21 5	1 16	1 27	2 17	23 27	0 18	22 28	0 28	10 58	4 40	15 55	15 53	22 5			n.a.
T 23	16 6	25 15	2 36	8 13	1 39	18 47	0 30	17 50	2 24	21 4	1 16	1 30	2 17	23 27	0 18	22 29	0 28	10 59	4 40	15 55	15 52	22 7			n.a.
F 24	16 23	27 35	3 42	9 0	1 27	19 9	0 32	17 39	2 26	21 4	1 17	1 33	2 17	23 27	0 18	22 29	0 28	10 59	4 40	15 55	15 51	22 9			n.a.
S 25	16 40	27 57	4 32	9 49	1 15	19 30	0 34	17 28	2 27	21 3	1 17	1 35	2 17	23 27	0 18	22 29	0 28	11 0	4 40	15 54	15 50	22 12			n.a.
S 26	16 57	26 26	5 4	10 37	1 3	19 51	0 36	17 16	2 28	21 3	1 17	1 38	2 18	23 26	0 18	22 29	0 28	11 0	4 40	15 54	15 49	22 14			n.a.
M27	17 14	23 21	5 17	11 27	0 51	20 11	0 39	17 5	2 29	21 3	1 18	1 41	2 18	23 26	0 18	22 30	0 28	11 1	4 39	15 54	15 48	22 16			n.a.
T 28	17 30	19 7	5 12	12 17	0 39	20 31	0 41	16 53	2 31	21 2	1 18	1 43	2 18	23 26	0 18	22 30	0 28	11 1	4 39	15 54	15 47	22 19			n.a.
W29	17 47	14 5	4 52	13 7	0 28	20 50	0 43	16 42	2 32	21 2	1 18	1 46	2 18	23 26	0 18	22 30	0 28	11 2	4 39	15 54	15 46	22 21			n.a.
T 30	18 2	8 34	4 17	13 58	0 16	21 9	0 45	16 30	2 33	21 2	1 19	1 49	2 18	23 26	0 18	22 30	0 28	11 2	4 39	15 55	15 45	22 23			n.a.
F 31	18n18	2n51	3n31	14n48	0s 4	21n27	0n47	16s19	2s34	21s 2	1s19	1n51	2s18	23s25	0s18	22n31	0s28	11n 3	4s39	15n55	15n44	22s25			n.a.

Julian Day Number = 977894.5, Delta T = 13h17m24s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'12, Lahiri = -32°01'12 Julian Calendar 1 May 2036 BCE == Greg. Calendar 14 Apr. 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

JUNE 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 29 14	21♉40'44	13♎ 7	11♉14	1♊48	24♒20	3♒37	9♈55	15°R32	14♊12	11♉ 8	12♉33	11♉54	1♐ 6	n.a.	S 1
S 2	15 33 11	22°37'51	25° 9	13°17	3° 2	24°58	3°39	10° 2	15♐30	14°14	11°10	12°33	11°51	1°13	n.a.	S 2
M 3	15 37 7	23°34'58	7♏ 5	15°22	4°15	25°35	3°40	10° 8	15°28	14°16	11°11	12°R34	11°48	1°19	n.a.	M 3
T 4	15 41 4	24°32'06	18°56	17°27	5°29	26°12	3°41	10°15	15°26	14°18	11°13	12°34	11°45	1°26	n.a.	T 4
W 5	15 45 0	25°29'15	0♐44	19°34	6°43	26°48	3°43	10°21	15°24	14°20	11°14	12°33	11°42	1°33	n.a.	W 5
T 6	15 48 57	26°26'25	12°33	21°41	7°57	27°25	3°43	10°28	15°22	14°22	11°16	12°32	11°38	1°39	n.a.	T 6
F 7	15 52 53	27°23'36	24°23	23°48	9°11	28° 1	3°44	10°34	15°19	14°24	11°17	12°30	11°35	1°46	n.a.	F 7
S 8	15 56 50	28°20'47	6♑19	25°55	10°24	28°37	3°45	10°40	15°17	14°27	11°18	12°28	11°32	1°53	n.a.	S 8
S 9	16 0 47	29°18'00	18°22	28° 2	11°38	29°13	3°45	10°46	15°15	14°29	11°20	12°25	11°29	1°59	n.a.	S 9
M10	16 4 43	0♊15'14	0♒35	0♊ 9	12°52	29°49	3°R45	10°52	15°13	14°31	11°21	12°23	11°26	2° 6	n.a.	M10
T 11	16 8 40	1°12'28	13° 1	2°15	14° 6	0♓24	3°45	10°59	15°10	14°33	11°23	12°21	11°23	2°13	n.a.	T 11
W12	16 12 36	2° 9'44	25°45	4°20	15°20	0°59	3°45	11° 5	15° 8	14°35	11°24	12°20	11°19	2°19	n.a.	W12
T 13	16 16 33	3° 7'02	8♓48	6°24	16°33	1°34	3°45	11°10	15° 6	14°37	11°25	12°D20	11°16	2°26	n.a.	T 13
F 14	16 20 29	4° 4'20	22°15	8°27	17°47	2° 9	3°44	11°16	15° 3	14°40	11°27	12°21	11°13	2°33	n.a.	F 14
S 15	16 24 26	5° 1'40	6♈ 7	10°29	19° 1	2°44	3°43	11°22	15° 1	14°42	11°28	12°22	11°10	2°39	n.a.	S 15
S 16	16 28 23	5°59'01	20°24	12°29	20°15	3°18	3°42	11°28	14°59	14°44	11°30	12°24	11° 7	2°46	n.a.	S 16
M17	16 32 19	6°56'24	5♉ 4	14°28	21°29	3°52	3°41	11°34	14°56	14°46	11°31	12°R25	11° 3	2°53	n.a.	M17
T 18	16 36 16	7°53'48	20° 3	16°25	22°43	4°26	3°39	11°39	14°54	14°48	11°32	12°25	11° 0	2°59	n.a.	T 18
W19	16 40 12	8°51'13	5♊13	18°21	23°57	4°59	3°38	11°45	14°52	14°51	11°34	12°23	10°57	3° 6	n.a.	W19
T 20	16 44 9	9°48'40	20°25	20°16	25°11	5°33	3°36	11°50	14°49	14°53	11°35	12°21	10°54	3°13	n.a.	T 20
F 21	16 48 5	10°46'08	5♋30	22° 9	26°24	6° 6	3°34	11°56	14°47	14°55	11°36	12°17	10°51	3°19	n.a.	F 21
S 22	16 52 2	11°43'36	20°17	24° 0	27°38	6°38	3°32	12° 1	14°44	14°57	11°38	12°13	10°48	3°26	n.a.	S 22
S 23	16 55 59	12°41'06	4♌41	25°50	28°52	7°11	3°29	12° 6	14°42	15° 0	11°39	12° 9	10°44	3°33	n.a.	S 23
M24	16 59 55	13°38'37	18°37	27°38	0♋ 6	7°43	3°27	12°11	14°40	15° 2	11°40	12° 6	10°41	3°39	n.a.	M24
T 25	17 3 52	14°36'09	2♍ 6	29°25	1°20	8°15	3°24	12°16	14°37	15° 4	11°42	12° 4	10°38	3°46	n.a.	T 25
W26	17 7 48	15°33'43	15° 8	1♋10	2°34	8°46	3°21	12°21	14°35	15° 6	11°43	12°D 3	10°35	3°53	n.a.	W26
T 27	17 11 45	16°31'17	27°46	2°54	3°48	9°17	3°18	12°26	14°32	15° 8	11°44	12° 4	10°32	3°59	n.a.	T 27
F 28	17 15 41	17°28'52	10♎ 6	4°36	5° 2	9°48	3°15	12°31	14°30	15°11	11°45	12° 5	10°29	4° 6	n.a.	F 28
S 29	17 19 38	18°26'29	22°12	6°16	6°15	10°19	3°11	12°36	14°28	15°13	11°47	12° 7	10°25	4°12	n.a.	S 29
S 30	17 23 34	19♊24'06	4♏ 7	7♋56	7♋29	10♓49	3♒ 7	12♈41	14♐25	15♊15	11♉48	12♉ 8	10♉22	4♐19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n33	2s53	2n36	15n37	0n 7	21n45	0n49	16s 7	2s36	21s 2	1s19	1n54	2s18	23s25	0s18	22n31	0s28	11n 3	4s39	15n55	15n43	22s27		n.a.
S 2	18 48	8 28	1 35	16 26	0 18	22 2	0 51	15 55	2 37	21 2	1 20	1 56	2 18	23 25	0 18	22 31	0 28	11 4	4 39	15 55	15 42	22 30		n.a.
M 3	19 3	13 41	0 30	17 13	0 28	22 18	0 53	15 44	2 38	21 2	1 20	1 59	2 18	23 25	0 18	22 31	0 28	11 4	4 39	15 55	15 41	22 32		n.a.
T 4	19 17	18 22	0s35	18 0	0 38	22 34	0 55	15 32	2 39	21 2	1 20	2 1	2 19	23 25	0 18	22 32	0 28	11 5	4 39	15 55	15 40	22 34		n.a.
W 5	19 32	22 20	1 39	18 45	0 48	22 49	0 57	15 20	2 41	21 2	1 21	2 4	2 19	23 24	0 18	22 32	0 27	11 5	4 39	15 55	15 39	22 36		n.a.
T 6	19 45	25 23	2 38	19 28	0 57	23 3	0 59	15 9	2 42	21 2	1 21	2 6	2 19	23 24	0 18	22 32	0 27	11 6	4 39	15 55	15 38	22 39		n.a.
F 7	19 59	27 20	3 31	20 9	1 5	23 17	1 1	14 57	2 43	21 2	1 22	2 8	2 19	23 24	0 18	22 33	0 27	11 6	4 39	15 54	15 37	22 41		n.a.
S 8	20 12	28 1	4 15	20 48	1 13	23 30	1 3	14 45	2 44	21 2	1 22	2 11	2 19	23 24	0 18	22 33	0 27	11 7	4 39	15 54	15 36	22 43		n.a.
S 9	20 25	27 24	4 48	21 25	1 20	23 42	1 4	14 33	2 45	21 2	1 22	2 13	2 19	23 23	0 18	22 33	0 27	11 7	4 39	15 53	15 35	22 45		n.a.
M10	20 37	25 27	5 9	22 0	1 26	23 54	1 6	14 22	2 47	21 3	1 23	2 15	2 19	23 23	0 18	22 33	0 27	11 8	4 39	15 52	15 34	22 47		n.a.
T 11	20 49	22 17	5 15	22 32	1 31	24 5	1 8	14 10	2 48	21 3	1 23	2 18	2 20	23 23	0 18	22 34	0 27	11 8	4 39	15 52	15 33	22 49		n.a.
W12	21 1	18 0	5 7	23 1	1 36	24 15	1 9	13 58	2 49	21 3	1 23	2 20	2 20	23 23	0 18	22 34	0 27	11 9	4 39	15 51	15 32	22 52		n.a.
T 13	21 13	12 47	4 43	23 28	1 40	24 25	1 11	13 46	2 50	21 4	1 24	2 22	2 20	23 22	0 18	22 34	0 27	11 9	4 39	15 51	15 31	22 54		n.a.
F 14	21 24	6 50	4 2	23 52	1 44	24 33	1 12	13 35	2 51	21 4	1 24	2 24	2 20	23 22	0 18	22 34	0 27	11 9	4 39	15 51	15 30	22 56		n.a.
S 15	21 34	0 22	3 7	24 14	1 47	24 41	1 14	13 23	2 53	21 5	1 24	2 27	2 20	23 22	0 18	22 35	0 27	11 10	4 39	15 52	15 29	22 58		n.a.
S 16	21 45	6n19	1 58	24 33	1 49	24 49	1 15	13 11	2 54	21 5	1 25	2 29	2 20	23 22	0 18	22 35	0 27	11 10	4 39	15 52	15 28	23 0		n.a.
M17	21 55	12 51	0 40	24 50	1 50	24 55	1 17	13 0	2 55	21 6	1 25	2 31	2 21	23 21	0 18	22 35	0 27	11 11	4 39	15 53	15 27	23 2		n.a.
T 18	22 4	18 47	0n42	25 4	1 51	25 1	1 18	12 48	2 56	21 7	1 25	2 33	2 21	23 21	0 18	22 36	0 27	11 11	4 39	15 53	15 26	23 5		n.a.
W19	22 14	23 37	2 2	25 15	1 51	25 6	1 19	12 37	2 57	21 8	1 26	2 35	2 21	23 21	0 18	22 36	0 27	11 12	4 39	15 52	15 25	23 7		n.a.
T 20	22 23	26 48	3 14	25 25	1 51	25 11	1 20	12 25	2 58	21 8	1 26	2 37	2 21	23 21	0 18	22 36	0 27	11 12	4 39	15 51	15 24	23 9		n.a.
F 21	22 31	28 0	4 11	25 32	1 50	25 14	1 22	12 14	2 59	21 9	1 26	2 39	2 21	23 20	0 18	22 36	0 27	11 12	4 39	15 50	15 23	23 11		n.a.
S 22	22 39	27 9	4 50	25 36	1 49	25 17	1 23	12 3	3 1	21 10	1 27	2 41	2 21	23 20	0 18	22 37	0 27	11 13	4 39	15 49	15 22	23 13		n.a.
S 23	22 47	24 30	5 10	25 39	1 47	25 19	1 24	11 51	3 2	21 11	1 27	2 43	2 22	23 20	0 18	22 37	0 27	11 13	4 39	15 48	15 21	23 15		n.a.
M24	22 54	20 28	5 11	25 39	1 44	25 20	1 25	11 40	3 3	21 12	1 27	2 45	2 22	23 20	0 18	22 37	0 27	11 14	4 39	15 47	15 20	23 17		n.a.
T 25	23 1	15 30	4 54	25 37	1 41	25 21	1 26	11 29	3 4	21 13	1 28	2 46	2 22	23 19	0 18	22 37	0 27	11 14	4 39	15 46	15 19	23 19		n.a.
W26	23 8	10 0	4 23	25 33	1 38	25 21	1 26	11 18	3 5	21 14	1 28	2 48	2 22	23 19	0 18	22 38	0 27	11 14	4 39	15 46	15 18	23 21		n.a.
T 27	23 14	4 14	3 39	25 28	1 34	25 20	1 27	11 7	3 6	21 15	1 28	2 50	2 22	23 19	0 18	22 38	0 27	11 15	4 39	15 46	15 17	23 24		n.a.
F 28	23 20	1s33	2 46	25 21	1 30	25 18	1 28	10 56	3 7	21 16	1 29	2 52	2 23	23 18	0 18	22 38	0 27	11 15	4 39	15 47	15 16	23 26		n.a.
S 29	23 25	7 10	1 47	25 12	1 25	25 15	1 29	10 45	3 9	21 17	1 29	2 53	2 23	23 18	0 18	22 38	0 27	11 16	4 39	15 47	15 15	23 28		n.a.
S 30	23n30	12s28	0n44	25n 1	1n20	25n12	1n29	10s34	3s10	21s18	1s29	2n55	2s23	23s18	0s18	22n39	0s27	11n16	4s39	15n47	15n14	23s30		n.a.

Julian Day Number = 977925.5, Delta T = 13h17m22s
Ecliptic obliquity = 23°55'47, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'08, Lahiri = -32°01'08 Julian Calendar 1 June 2036 BCE == Greg. Calendar 15 May 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

JULY 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 27 31	20♊21'46	15♏57	9♋33	8♋43	11♓19	3°R 4	12♈45	14°R23	15♊17	11♉49	12°R 8	10♉19	4♐26	n.a.	M 1
T 2	17 31 28	21°19'26	27°45	11°10	9°57	11°48	3♒ 0	12°50	14♐20	15°20	11°50	12♉ 7	10°16	4°32	n.a.	T 2
W 3	17 35 24	22°17'08	9♐34	12°44	11°11	12°17	2°55	12°54	14°18	15°22	11°51	12° 4	10°13	4°39	n.a.	W 3
T 4	17 39 21	23°14'52	21°25	14°18	12°25	12°46	2°51	12°58	14°16	15°24	11°53	11°59	10° 9	4°46	n.a.	T 4
F 5	17 43 17	24°12'38	3♑23	15°49	13°39	13°15	2°46	13° 3	14°13	15°26	11°54	11°52	10° 6	4°52	n.a.	F 5
S 6	17 47 14	25°10'25	15°27	17°20	14°53	13°43	2°42	13° 7	14°11	15°28	11°55	11°44	10° 3	4°59	n.a.	S 6
S 7	17 51 10	26° 8'13	27°39	18°49	16° 6	14°11	2°37	13°11	14° 9	15°31	11°56	11°36	10° 0	5° 6	n.a.	S 7
M 8	17 55 7	27° 6'04	10♒ 2	20°16	17°20	14°38	2°32	13°15	14° 6	15°33	11°57	11°29	9°57	5°12	n.a.	M 8
T 9	17 59 3	28° 3'56	22°36	21°42	18°34	15° 5	2°26	13°19	14° 4	15°35	11°58	11°22	9°54	5°19	n.a.	T 9
W10	18 3 0	29° 1'51	5♓23	23° 6	19°48	15°32	2°21	13°23	14° 2	15°37	11°59	11°18	9°50	5°26	n.a.	W10
T 11	18 6 57	29°59'47	18°27	24°29	21° 2	15°58	2°15	13°26	14° 0	15°39	12° 0	11°15	9°47	5°32	n.a.	T 11
F 12	18 10 53	0♋57'46	1♈49	25°50	22°16	16°24	2°10	13°30	13°57	15°41	12° 2	11°D15	9°44	5°39	n.a.	F 12
S 13	18 14 50	1°55'46	15°31	27° 9	23°29	16°49	2° 4	13°33	13°55	15°44	12° 3	11°15	9°41	5°46	n.a.	S 13
S 14	18 18 46	2°53'49	29°35	28°27	24°43	17°14	1°58	13°37	13°53	15°46	12° 4	11°16	9°38	5°52	n.a.	S 14
M15	18 22 43	3°51'54	14♉ 0	29°43	25°57	17°38	1°52	13°40	13°51	15°48	12° 5	11°R17	9°35	5°59	n.a.	M15
T 16	18 26 39	4°50'01	28°44	0♌57	27°11	18° 2	1°46	13°43	13°48	15°50	12° 6	11°15	9°31	6° 6	n.a.	T 16
W17	18 30 36	5°48'10	13♊42	2° 9	28°25	18°25	1°39	13°47	13°46	15°52	12° 7	11°12	9°28	6°12	n.a.	W17
T 18	18 34 32	6°46'21	28°47	3°20	29°39	18°48	1°33	13°50	13°44	15°54	12° 7	11° 6	9°25	6°19	n.a.	T 18
F 19	18 38 29	7°44'34	13♋48	4°28	0♌53	19°11	1°26	13°53	13°42	15°56	12° 8	10°58	9°22	6°26	n.a.	F 19
S 20	18 42 26	8°42'49	28°37	5°34	2° 6	19°33	1°19	13°55	13°40	15°59	12° 9	10°50	9°19	6°32	n.a.	S 20
S 21	18 46 22	9°41'06	13♌ 5	6°38	3°20	19°54	1°12	13°58	13°38	16° 1	12°10	10°41	9°15	6°39	n.a.	S 21
M22	18 50 19	10°39'25	27° 7	7°40	4°34	20°15	1° 5	14° 1	13°36	16° 3	12°11	10°33	9°12	6°46	n.a.	M22
T 23	18 54 15	11°37'45	10♍41	8°39	5°48	20°35	0°58	14° 3	13°34	16° 5	12°12	10°27	9° 9	6°52	n.a.	T 23
W24	18 58 12	12°36'07	23°46	9°35	7° 2	20°55	0°51	14° 6	13°32	16° 7	12°13	10°23	9° 6	6°59	n.a.	W24
T 25	19 2 8	13°34'31	6♎27	10°28	8°15	21°14	0°44	14° 8	13°30	16° 9	12°14	10°21	9° 3	7° 6	n.a.	T 25
F 26	19 6 5	14°32'57	18°46	11°19	9°29	21°33	0°36	14°10	13°28	16°11	12°14	10°D21	9° 0	7°12	n.a.	F 26
S 27	19 10 1	15°31'24	0♏50	12° 6	10°43	21°51	0°29	14°12	13°26	16°13	12°15	10°21	8°56	7°19	n.a.	S 27
S 28	19 13 58	16°29'53	12°44	12°49	11°57	22° 8	0°21	14°14	13°24	16°15	12°16	10°R22	8°53	7°26	n.a.	S 28
M29	19 17 54	17°28'24	24°32	13°29	13°10	22°25	0°14	14°16	13°22	16°17	12°17	10°20	8°50	7°32	n.a.	M29
T 30	19 21 51	18°26'57	6♐20	14° 4	14°24	22°41	0° 6	14°18	13°20	16°19	12°17	10°17	8°47	7°39	n.a.	T 30
W31	19 25 48	19♋25'32	18♐11	14♌36	15♌38	22♓57	29♑58	14♈20	13♐19	16♊21	12♉18	10♉12	8♉44	7♐46	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n34	17s17	0s21	24n49	1n15	25n 8	1n30	10s24	3s11	21s20	1s30	2n57	2s23	23s18	0s18	22n39	0s27	11n16	4s39	15n47	15n13	23s32			n.a.
T 2	23 38	21 25	1 24	24 36	1 9	25 3	1 30	10 13	3 12	21 21	1 30	2 58	2 23	23 17	0 18	22 39	0 27	11 17	4 39	15 47	15 12	23 34			n.a.
W 3	23 42	24 42	2 23	24 21	1 3	24 57	1 30	10 3	3 13	21 22	1 30	3 0	2 24	23 17	0 18	22 39	0 27	11 17	4 39	15 46	15 11	23 36			n.a.
T 4	23 45	26 55	3 17	24 5	0 56	24 51	1 31	9 52	3 14	21 23	1 31	3 1	2 24	23 17	0 18	22 40	0 27	11 17	4 39	15 45	15 10	23 38			n.a.
F 5	23 48	27 55	4 2	23 48	0 50	24 43	1 31	9 42	3 15	21 25	1 31	3 3	2 24	23 17	0 18	22 40	0 27	11 18	4 39	15 42	15 9	23 40			n.a.
S 6	23 50	27 35	4 37	23 29	0 43	24 35	1 31	9 32	3 16	21 26	1 31	3 4	2 24	23 16	0 18	22 40	0 27	11 18	4 39	15 40	15 8	23 42			n.a.
S 7	23 52	25 56	4 59	23 10	0 35	24 27	1 31	9 22	3 17	21 28	1 32	3 6	2 24	23 16	0 18	22 41	0 27	11 18	4 39	15 37	15 7	23 44			n.a.
M 8	23 54	23 1	5 8	22 49	0 28	24 17	1 31	9 12	3 18	21 29	1 32	3 7	2 25	23 16	0 18	22 41	0 27	11 19	4 39	15 35	15 6	23 46			n.a.
T 9	23 55	19 0	5 2	22 28	0 20	24 7	1 31	9 3	3 19	21 31	1 32	3 8	2 25	23 15	0 18	22 41	0 27	11 19	4 39	15 33	15 5	23 48			n.a.
W10	23 56	14 4	4 41	22 6	0 12	23 56	1 31	8 53	3 20	21 32	1 32	3 10	2 25	23 15	0 18	22 41	0 27	11 19	4 39	15 32	15 4	23 50			n.a.
T 11	23 56	8 25	4 6	21 44	0 4	23 45	1 31	8 44	3 21	21 34	1 33	3 11	2 25	23 15	0 18	22 41	0 27	11 20	4 39	15 31	15 3	23 52			n.a.
F 12	23 56	2 15	3 16	21 20	0s 5	23 32	1 31	8 34	3 22	21 35	1 33	3 12	2 26	23 15	0 18	22 42	0 27	11 20	4 39	15 31	15 2	23 54			n.a.
S 13	23 55	4n10	2 14	20 56	0 13	23 19	1 31	8 25	3 23	21 37	1 33	3 13	2 26	23 14	0 18	22 42	0 27	11 20	4 39	15 31	15 1	23 56			n.a.
S 14	23 54	10 35	1 3	20 32	0 22	23 6	1 30	8 16	3 24	21 39	1 33	3 15	2 26	23 14	0 18	22 42	0 27	11 20	4 39	15 31	15 0	23 58			n.a.
M15	23 52	16 36	0n15	20 7	0 31	22 51	1 30	8 7	3 25	21 40	1 34	3 16	2 26	23 14	0 18	22 42	0 27	11 21	4 39	15 31	14 59	24 0			n.a.
T 16	23 50	21 47	1 32	19 42	0 40	22 36	1 29	7 59	3 26	21 42	1 34	3 17	2 26	23 14	0 18	22 43	0 27	11 21	4 39	15 31	14 58	24 2			n.a.
W17	23 48	25 38	2 45	19 17	0 49	22 21	1 29	7 50	3 27	21 44	1 34	3 18	2 27	23 13	0 18	22 43	0 27	11 21	4 39	15 30	14 57	24 4			n.a.
T 18	23 45	27 42	3 46	18 51	0 59	22 4	1 28	7 42	3 28	21 45	1 35	3 19	2 27	23 13	0 18	22 43	0 27	11 22	4 39	15 28	14 55	24 6			n.a.
F 19	23 42	27 42	4 32	18 26	1 8	21 47	1 27	7 34	3 29	21 47	1 35	3 20	2 27	23 13	0 18	22 43	0 27	11 22	4 39	15 25	14 54	24 8			n.a.
S 20	23 38	25 43	4 58	18 0	1 18	21 30	1 26	7 26	3 30	21 49	1 35	3 21	2 27	23 12	0 18	22 44	0 27	11 22	4 40	15 23	14 53	24 10			n.a.
S 21	23 34	22 5	5 5	17 35	1 27	21 12	1 26	7 18	3 31	21 51	1 35	3 21	2 28	23 12	0 18	22 44	0 27	11 22	4 40	15 20	14 52	24 12			n.a.
M22	23 29	17 17	4 52	17 10	1 37	20 53	1 25	7 10	3 32	21 53	1 35	3 22	2 28	23 12	0 18	22 44	0 27	11 23	4 40	15 17	14 51	24 14			n.a.
T 23	23 25	11 46	4 24	16 45	1 47	20 33	1 24	7 3	3 33	21 54	1 36	3 23	2 28	23 12	0 18	22 44	0 27	11 23	4 40	15 15	14 50	24 16			n.a.
W24	23 19	5 55	3 42	16 21	1 57	20 13	1 23	6 56	3 34	21 56	1 36	3 24	2 28	23 11	0 18	22 45	0 27	11 23	4 40	15 14	14 49	24 18			n.a.
T 25	23 13	0s 0	2 51	15 57	2 6	19 53	1 21	6 49	3 35	21 58	1 36	3 25	2 29	23 11	0 18	22 45	0 27	11 23	4 40	15 14	14 48	24 20			n.a.
F 26	23 7	5 46	1 53	15 34	2 16	19 32	1 20	6 42	3 35	22 0	1 36	3 25	2 29	23 11	0 18	22 45	0 27	11 23	4 40	15 13	14 47	24 22			n.a.
S 27	23 0	11 13	0 51	15 12	2 25	19 10	1 19	6 36	3 36	22 2	1 36	3 26	2 29	23 11	0 18	22 45	0 27	11 24	4 40	15 14	14 46	24 24			n.a.
S 28	22 53	16 11	0s13	14 50	2 35	18 48	1 17	6 30	3 37	22 4	1 37	3 26	2 29	23 11	0 18	22 45	0 27	11 24	4 40	15 14	14 45	24 25			n.a.
M29	22 46	20 30	1 15	14 30	2 44	18 25	1 16	6 23	3 38	22 5	1 37	3 27	2 30	23 10	0 18	22 46	0 27	11 24	4 40	15 13	14 44	24 27			n.a.
T 30	22 38	24 0	2 14	14 11	2 53	18 2	1 15	6 18	3 39	22 7	1 37	3 27	2 30	23 10	0 18	22 46	0 27	11 24	4 40	15 12	14 43	24 29			n.a.
W31	22n29	26s30	3s 7	13n53	3s 2	17n38	1n13	6s12	3s40	22s 9	1s37	3n28	2s30	23s10	0s18	22n46	0s27	11n24	4s40	15n11	14n42	24s31			n.a.

Julian Day Number = 977955.5, Delta T = 13h17m20s
Ecliptic obliquity = 23°55'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'04, Lahiri = -32°01'03 Julian Calendar 1 July 2036 BCE == Greg. Calendar 14 June 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

AUGUST 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 29 44	20♋24'09	0♑ 9	15♌ 2	16♌51	23♓12	29°R51	14♈21	13°R17	16♊23	12♉19	10°R 3	8♉41	7♐52	n.a.	T 1
F 2	19 33 41	21°22'48	12°15	15°24	18° 5	23°26	29♑43	14°23	13♐15	16°24	12°19	9♉52	8°37	7°59	n.a.	F 2
S 3	19 37 37	22°21'30	24°32	15°40	19°19	23°40	29°35	14°24	13°13	16°26	12°20	9°40	8°34	8° 6	n.a.	S 3
S 4	19 41 34	23°20'13	6♒59	15°51	20°32	23°53	29°27	14°25	13°12	16°28	12°21	9°27	8°31	8°12	n.a.	S 4
M 5	19 45 30	24°18'58	19°37	15°R55	21°46	24° 5	29°19	14°27	13°10	16°30	12°21	9°15	8°28	8°19	n.a.	M 5
T 6	19 49 27	25°17'46	2♓27	15°53	23° 0	24°16	29°11	14°28	13° 9	16°32	12°22	9° 4	8°25	8°26	n.a.	T 6
W 7	19 53 23	26°16'36	15°27	15°45	24°13	24°27	29° 3	14°28	13° 7	16°34	12°22	8°56	8°21	8°32	n.a.	W 7
T 8	19 57 20	27°15'28	28°40	15°29	25°27	24°37	28°55	14°29	13° 5	16°36	12°23	8°51	8°18	8°39	n.a.	T 8
F 9	20 1 17	28°14'23	12♈ 6	15° 6	26°40	24°47	28°47	14°30	13° 4	16°37	12°24	8°48	8°15	8°46	n.a.	F 9
S 10	20 5 13	29°13'21	25°45	14°36	27°54	24°55	28°39	14°30	13° 3	16°39	12°24	8°D47	8°12	8°52	n.a.	S 10
S 11	20 9 10	0♌12'20	9♉40	13°58	29° 7	25° 3	28°31	14°31	13° 1	16°41	12°24	8°R47	8° 9	8°59	n.a.	S 11
M12	20 13 6	1°11'23	23°50	13°14	0♍21	25°10	28°23	14°31	13° 0	16°43	12°25	8°47	8° 6	9° 6	n.a.	M12
T 13	20 17 3	2°10'28	8♊15	12°23	1°34	25°16	28°15	14°32	12°59	16°44	12°25	8°44	8° 2	9°12	n.a.	T 13
W14	20 20 59	3° 9'35	22°51	11°26	2°48	25°21	28° 7	14°32	12°57	16°46	12°26	8°40	7°59	9°19	n.a.	W14
T 15	20 24 56	4° 8'45	7♋35	10°24	4° 1	25°26	27°59	14°R32	12°56	16°48	12°26	8°32	7°56	9°26	n.a.	T 15
F 16	20 28 52	5° 7'58	22°18	9°18	5°15	25°29	27°51	14°32	12°55	16°49	12°26	8°22	7°53	9°32	n.a.	F 16
S 17	20 32 49	6° 7'13	6♌53	8°10	6°28	25°32	27°43	14°31	12°54	16°51	12°27	8°10	7°50	9°39	n.a.	S 17
S 18	20 36 45	7° 6'29	21°13	7° 1	7°42	25°34	27°35	14°31	12°53	16°52	12°27	7°58	7°47	9°46	n.a.	S 18
M19	20 40 42	8° 5'48	5♍11	5°53	8°55	25°35	27°28	14°31	12°52	16°54	12°27	7°47	7°43	9°52	n.a.	M19
T 20	20 44 39	9° 5'09	18°43	4°49	10° 9	25°R35	27°20	14°30	12°51	16°55	12°28	7°38	7°40	9°59	n.a.	T 20
W21	20 48 35	10° 4'32	1♎50	3°49	11°22	25°34	27°12	14°29	12°50	16°57	12°28	7°31	7°37	10° 6	n.a.	W21
T 22	20 52 32	11° 3'57	14°33	2°55	12°35	25°33	27° 5	14°29	12°49	16°58	12°28	7°28	7°34	10°12	n.a.	T 22
F 23	20 56 28	12° 3'24	26°54	2° 9	13°49	25°30	26°57	14°28	12°48	17° 0	12°28	7°26	7°31	10°19	n.a.	F 23
S 24	21 0 25	13° 2'53	8♏59	1°33	15° 2	25°27	26°50	14°27	12°47	17° 1	12°28	7°26	7°27	10°26	n.a.	S 24
S 25	21 4 21	14° 2'24	20°53	1° 6	16°15	25°23	26°42	14°26	12°46	17° 3	12°29	7°26	7°24	10°32	n.a.	S 25
M26	21 8 18	15° 1'56	2♐43	0°50	17°28	25°17	26°35	14°24	12°45	17° 4	12°29	7°25	7°21	10°39	n.a.	M26
T 27	21 12 14	16° 1'31	14°32	0°D45	18°42	25°11	26°28	14°23	12°45	17° 5	12°29	7°22	7°18	10°46	n.a.	T 27
W28	21 16 11	17° 1'08	26°26	0°51	19°55	25° 4	26°21	14°22	12°44	17° 7	12°29	7°16	7°15	10°52	n.a.	W28
T 29	21 20 7	18° 0'47	8♑29	1° 7	21° 8	24°57	26°14	14°20	12°44	17° 8	12°29	7° 8	7°12	10°59	n.a.	T 29
F 30	21 24 4	19° 0'28	20°44	1°34	22°21	24°48	26° 7	14°18	12°43	17° 9	12°29	6°57	7° 8	11° 6	n.a.	F 30
S 31	21 28 1	20♌ 0'10	3♒12	2♌10	23♍34	24♓38	26♑ 1	14♈17	12♐43	17♊11	12°R29	6♉44	7♉ 5	11♐12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22n21	27s48	3s52	13n38	3s10	17n14	1n11	6s 7	3s40	22s11	1s37	3n28	2s30	23s10	0s18	22n46	0s27	11n24	4s40	15n 8	14n41	24s33			n.a.
F 2	22 11	27 47	4 27	13 23	3 18	16 49	1 10	6 2	3 41	22 13	1 37	3 29	2 31	23 9	0 18	22 46	0 27	11 25	4 40	15 4	14 40	24 35			n.a.
S 3	22 2	26 25	4 51	13 11	3 26	16 24	1 8	5 57	3 42	22 15	1 38	3 29	2 31	23 9	0 18	22 47	0 27	11 25	4 40	15 0	14 39	24 37			n.a.
S 4	21 52	23 45	5 1	13 2	3 33	15 59	1 6	5 52	3 42	22 16	1 38	3 29	2 31	23 9	0 18	22 47	0 27	11 25	4 40	14 56	14 38	24 39			n.a.
M 5	21 42	19 54	4 56	12 54	3 39	15 33	1 4	5 48	3 43	22 18	1 38	3 29	2 31	23 9	0 18	22 47	0 27	11 25	4 40	14 52	14 37	24 40			n.a.
T 6	21 31	15 6	4 37	12 50	3 45	15 7	1 2	5 44	3 44	22 20	1 38	3 29	2 32	23 9	0 18	22 47	0 27	11 25	4 40	14 49	14 36	24 42			n.a.
W 7	21 20	9 34	4 3	12 48	3 49	14 40	1 0	5 40	3 44	22 22	1 38	3 30	2 32	23 8	0 18	22 47	0 27	11 25	4 40	14 46	14 35	24 44			n.a.
T 8	21 8	3 31	3 15	12 50	3 52	14 13	0 58	5 36	3 45	22 24	1 38	3 30	2 32	23 8	0 18	22 48	0 27	11 25	4 40	14 44	14 34	24 46			n.a.
F 9	20 56	2n48	2 16	12 54	3 54	13 45	0 56	5 33	3 45	22 26	1 38	3 30	2 32	23 8	0 18	22 48	0 27	11 25	4 40	14 43	14 33	24 48			n.a.
S 10	20 44	9 6	1 8	13 3	3 55	13 17	0 54	5 30	3 46	22 27	1 38	3 30	2 33	23 8	0 18	22 48	0 27	11 26	4 40	14 43	14 32	24 50			n.a.
S 11	20 31	15 5	0n 5	13 14	3 54	12 49	0 52	5 27	3 46	22 29	1 38	3 30	2 33	23 8	0 18	22 48	0 27	11 26	4 41	14 43	14 31	24 52			n.a.
M12	20 18	20 23	1 19	13 30	3 52	12 21	0 49	5 25	3 47	22 31	1 38	3 30	2 33	23 7	0 18	22 48	0 27	11 26	4 41	14 43	14 30	24 53			n.a.
T 13	20 5	24 35	2 29	13 48	3 47	11 52	0 47	5 23	3 47	22 33	1 39	3 29	2 33	23 7	0 18	22 48	0 27	11 26	4 41	14 42	14 28	24 55			n.a.
W14	19 51	27 14	3 30	14 10	3 41	11 23	0 45	5 21	3 47	22 34	1 39	3 29	2 33	23 7	0 18	22 49	0 27	11 26	4 41	14 41	14 27	24 57			n.a.
T 15	19 37	28 0	4 18	14 36	3 32	10 53	0 42	5 19	3 48	22 36	1 39	3 29	2 34	23 7	0 18	22 49	0 27	11 26	4 41	14 38	14 26	24 59			n.a.
F 16	19 22	26 47	4 49	15 3	3 22	10 23	0 40	5 18	3 48	22 38	1 39	3 29	2 34	23 7	0 18	22 49	0 27	11 26	4 41	14 35	14 25	25 1			n.a.
S 17	19 8	23 45	5 0	15 34	3 9	9 53	0 37	5 17	3 48	22 39	1 39	3 29	2 34	23 7	0 18	22 49	0 27	11 26	4 41	14 31	14 24	25 2			n.a.
S 18	18 52	19 19	4 52	16 5	2 54	9 23	0 34	5 17	3 48	22 41	1 39	3 28	2 34	23 6	0 18	22 49	0 27	11 26	4 41	14 27	14 23	25 4			n.a.
M19	18 37	13 56	4 27	16 38	2 38	8 53	0 32	5 16	3 49	22 42	1 39	3 28	2 35	23 6	0 18	22 49	0 27	11 26	4 41	14 23	14 22	25 6			n.a.
T 20	18 21	8 1	3 47	17 11	2 21	8 22	0 29	5 16	3 49	22 44	1 39	3 27	2 35	23 6	0 18	22 50	0 27	11 26	4 41	14 20	14 21	25 8			n.a.
W21	18 5	1 56	2 56	17 43	2 2	7 51	0 26	5 17	3 49	22 46	1 39	3 27	2 35	23 6	0 18	22 50	0 27	11 26	4 41	14 18	14 20	25 9			n.a.
T 22	17 48	4s 2	1 58	18 15	1 43	7 20	0 24	5 17	3 49	22 47	1 39	3 26	2 35	23 6	0 18	22 50	0 27	11 26	4 41	14 17	14 19	25 11			n.a.
F 23	17 32	9 43	0 56	18 44	1 23	6 49	0 21	5 18	3 48	22 49	1 39	3 26	2 36	23 6	0 18	22 50	0 27	11 26	4 41	14 16	14 18	25 13			n.a.
S 24	17 15	14 55	0s 8	19 12	1 3	6 17	0 18	5 19	3 48	22 50	1 39	3 25	2 36	23 6	0 18	22 50	0 27	11 26	4 41	14 16	14 17	25 15			n.a.
S 25	16 57	19 29	1 11	19 37	0 43	5 46	0 15	5 21	3 48	22 51	1 39	3 25	2 36	23 6	0 18	22 50	0 27	11 26	4 41	14 16	14 16	25 16			n.a.
M26	16 39	23 15	2 10	19 59	0 24	5 14	0 12	5 23	3 48	22 53	1 39	3 24	2 36	23 5	0 18	22 50	0 27	11 26	4 41	14 16	14 15	25 18			n.a.
T 27	16 21	26 2	3 3	20 18	0 6	4 42	0 9	5 25	3 47	22 54	1 39	3 23	2 37	23 5	0 18	22 51	0 27	11 26	4 41	14 15	14 14	25 20			n.a.
W28	16 3	27 41	3 48	20 34	0n11	4 10	0 6	5 27	3 47	22 56	1 39	3 22	2 37	23 5	0 18	22 51	0 27	11 26	4 41	14 13	14 13	25 21			n.a.
T 29	15 45	28 3	4 24	20 46	0 27	3 38	0 3	5 30	3 46	22 57	1 39	3 22	2 37	23 5	0 18	22 51	0 27	11 26	4 42	14 10	14 12	25 23			n.a.
F 30	15 26	27 3	4 49	20 54	0 42	3 6	0s 0	5 33	3 46	22 58	1 38	3 21	2 37	23 5	0 18	22 51	0 27	11 26	4 42	14 7	14 11	25 25			n.a.
S 31	15n 7	24s42	5s 0	20n59	0n55	2n33	0s 3	5s36	3s45	22s59	1s38	3n20	2s37	23s 5	0s18	22n51	0s27	11n26	4s42	14n 3	14n 9	25s27			n.a.

Julian Day Number = 977986.5, Delta T = 13h17m18s
Ecliptic obliquity = 23°55'47, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°08'00, Lahiri = -32°00'59 Julian Calendar 1 Aug. 2036 BCE == Greg. Calendar 15 July 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

SEPTEMBER 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 31 57	20♌59'55	15♒56	2♌55	24♍47	24°R28	25°R54	14°R15	12°R42	17♊12	12°R29	6°R31	7♉ 2	11♐19	n.a.	S 1
M 2	21 35 54	21°59'42	28°54	3°48	26° 0	24♓17	25♏48	14♈13	12♐42	17°13	12♉29	6♉19	6°59	11°26	n.a.	M 2
T 3	21 39 50	22°59'31	12♓ 5	4°48	27°13	24° 5	25°41	14°11	12°41	17°14	12°29	6° 8	6°56	11°32	n.a.	T 3
W 4	21 43 47	23°59'23	25°27	5°55	28°26	23°52	25°35	14° 9	12°41	17°15	12°29	5°59	6°53	11°39	n.a.	W 4
T 5	21 47 43	24°59'16	9♈ 0	7° 8	29°39	23°38	25°29	14° 6	12°41	17°16	12°29	5°54	6°49	11°46	n.a.	T 5
F 6	21 51 40	25°59'12	22°41	8°25	0♎52	23°24	25°23	14° 4	12°41	17°17	12°28	5°51	6°46	11°52	n.a.	F 6
S 7	21 55 36	26°59'11	6♉30	9°47	2° 5	23° 9	25°18	14° 1	12°41	17°18	12°28	5°D51	6°43	11°59	n.a.	S 7
S 8	21 59 33	27°59'11	20°27	11°12	3°18	22°53	25°12	13°59	12°40	17°19	12°28	5°51	6°40	12° 6	n.a.	S 8
M 9	22 3 29	28°59'15	4♊31	12°41	4°31	22°36	25° 6	13°56	12°D40	17°20	12°28	5°R51	6°37	12°12	n.a.	M 9
T 10	22 7 26	29°59'20	18°41	14°12	5°43	22°19	25° 1	13°53	12°40	17°21	12°28	5°49	6°33	12°19	n.a.	T 10
W11	22 11 23	0♍59'28	2♋57	15°45	6°56	22° 1	24°56	13°50	12°40	17°22	12°27	5°46	6°30	12°26	n.a.	W11
T 12	22 15 19	1°59'39	17°15	17°19	8° 9	21°42	24°51	13°47	12°41	17°23	12°27	5°39	6°27	12°32	n.a.	T 12
F 13	22 19 16	2°59'51	1♌31	18°55	9°22	21°23	24°46	13°44	12°41	17°24	12°27	5°31	6°24	12°39	n.a.	F 13
S 14	22 23 12	4° 0'06	15°41	20°32	10°34	21° 3	24°42	13°41	12°41	17°25	12°26	5°21	6°21	12°46	n.a.	S 14
S 15	22 27 9	5° 0'22	29°38	22°10	11°47	20°43	24°37	13°38	12°41	17°25	12°26	5°10	6°18	12°52	n.a.	S 15
M16	22 31 5	6° 0'41	13♍20	23°49	13° 0	20°22	24°33	13°35	12°42	17°26	12°26	5° 0	6°14	12°59	n.a.	M16
T 17	22 35 2	7° 1'02	26°41	25°27	14°12	20° 1	24°29	13°31	12°42	17°27	12°25	4°52	6°11	13° 6	n.a.	T 17
W18	22 38 58	8° 1'24	9♎42	27° 6	15°25	19°40	24°25	13°28	12°42	17°28	12°25	4°47	6° 8	13°12	n.a.	W18
T 19	22 42 55	9° 1'48	22°21	28°46	16°37	19°18	24°22	13°24	12°43	17°28	12°24	4°44	6° 5	13°19	n.a.	T 19
F 20	22 46 51	10° 2'14	4♏42	0♍25	17°50	18°56	24°18	13°20	12°43	17°29	12°24	4°D43	6° 2	13°26	n.a.	F 20
S 21	22 50 48	11° 2'41	16°48	2° 4	19° 2	18°34	24°15	13°17	12°44	17°29	12°24	4°44	5°58	13°33	n.a.	S 21
S 22	22 54 45	12° 3'10	28°43	3°43	20°14	18°12	24°12	13°13	12°45	17°30	12°23	4°45	5°55	13°39	n.a.	S 22
M23	22 58 41	13° 3'41	10♐33	5°22	21°27	17°49	24° 9	13° 9	12°45	17°30	12°23	4°R46	5°52	13°46	n.a.	M23
T 24	23 2 38	14° 4'13	22°23	7° 0	22°39	17°27	24° 6	13° 5	12°46	17°31	12°22	4°45	5°49	13°53	n.a.	T 24
W25	23 6 34	15° 4'47	4♑18	8°39	23°51	17° 4	24° 4	13° 1	12°47	17°31	12°21	4°43	5°46	13°59	n.a.	W25
T 26	23 10 31	16° 5'22	16°23	10°17	25° 3	16°42	24° 1	12°57	12°48	17°32	12°21	4°39	5°43	14° 6	n.a.	T 26
F 27	23 14 27	17° 5'59	28°42	11°55	26°15	16°20	23°59	12°52	12°49	17°32	12°20	4°32	5°39	14°13	n.a.	F 27
S 28	23 18 24	18° 6'37	11♒19	13°32	27°27	15°58	23°57	12°48	12°49	17°32	12°20	4°25	5°36	14°19	n.a.	S 28
S 29	23 22 20	19° 7'16	24°14	15°10	28°39	15°36	23°56	12°44	12°50	17°33	12°19	4°16	5°33	14°26	n.a.	S 29
M30	23 26 17	20♍ 7'57	7♓29	16♍47	29♎51	15♓14	23♏54	12♈40	12♐51	17♊33	12♉18	4♉ 8	5♉30	14♐33	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n47	21s 5	4s57	21n 0	1n 7	2n 1	0s 6	5s40	3s45	23s 0	1s38	3n19	2s38	23s 5	0s18	22n51	0s27	11n26	4s42	13n58	14n 8	25s28		n.a.
M 2	14 28	16 25	4 38	20 58	1 18	1 29	0 9	5 44	3 44	23 2	1 38	3 18	2 38	23 5	0 18	22 51	0 27	11 26	4 42	13 54	14 7	25 30		n.a.
T 3	14 8	10 55	4 4	20 52	1 28	0 56	0 13	5 48	3 43	23 3	1 38	3 17	2 38	23 5	0 18	22 51	0 27	11 26	4 42	13 50	14 6	25 32		n.a.
W 4	13 48	4 50	3 17	20 43	1 36	0 24	0 16	5 52	3 42	23 4	1 38	3 16	2 38	23 5	0 18	22 52	0 27	11 26	4 42	13 47	14 5	25 33		n.a.
T 5	13 27	1n32	2 17	20 31	1 42	0s 9	0 19	5 56	3 41	23 5	1 38	3 15	2 38	23 5	0 18	22 52	0 27	11 26	4 42	13 46	14 4	25 35		n.a.
F 6	13 7	7 56	1 9	20 16	1 48	0 41	0 22	6 1	3 40	23 6	1 38	3 14	2 39	23 5	0 18	22 52	0 27	11 26	4 42	13 45	14 3	25 37		n.a.
S 7	12 46	14 1	0n 4	19 58	1 53	1 14	0 25	6 6	3 38	23 7	1 38	3 12	2 39	23 5	0 18	22 52	0 27	11 25	4 42	13 44	14 2	25 38		n.a.
S 8	12 25	19 27	1 17	19 38	1 56	1 46	0 29	6 11	3 37	23 8	1 38	3 11	2 39	23 5	0 18	22 52	0 27	11 25	4 42	13 44	14 1	25 40		n.a.
M 9	12 4	23 52	2 26	19 15	1 59	2 19	0 32	6 17	3 35	23 9	1 37	3 10	2 39	23 5	0 18	22 52	0 27	11 25	4 42	13 45	14 0	25 42		n.a.
T 10	11 42	26 53	3 27	18 49	2 0	2 51	0 35	6 22	3 34	23 10	1 37	3 9	2 39	23 5	0 18	22 52	0 27	11 25	4 42	13 44	13 59	25 43		n.a.
W11	11 21	28 9	4 16	18 22	2 1	3 24	0 38	6 28	3 32	23 10	1 37	3 7	2 40	23 5	0 18	22 52	0 27	11 25	4 42	13 43	13 58	25 45		n.a.
T 12	10 59	27 33	4 48	17 53	2 1	3 56	0 42	6 34	3 30	23 11	1 37	3 6	2 40	23 5	0 18	22 52	0 27	11 25	4 42	13 41	13 57	25 46		n.a.
F 13	10 37	25 8	5 3	17 22	2 1	4 28	0 45	6 40	3 29	23 12	1 37	3 5	2 40	23 5	0 18	22 52	0 27	11 25	4 42	13 38	13 56	25 48		n.a.
S 14	10 15	21 12	4 59	16 49	1 59	5 0	0 48	6 46	3 27	23 13	1 37	3 3	2 40	23 5	0 18	22 52	0 27	11 25	4 42	13 34	13 55	25 50		n.a.
S 15	9 52	16 8	4 37	16 15	1 57	5 32	0 51	6 53	3 25	23 13	1 37	3 2	2 40	23 5	0 18	22 53	0 27	11 24	4 42	13 31	13 54	25 51		n.a.
M16	9 30	10 21	3 59	15 40	1 55	6 4	0 55	6 59	3 23	23 14	1 36	3 1	2 40	23 5	0 18	22 53	0 27	11 24	4 42	13 27	13 52	25 53		n.a.
T 17	9 7	4 13	3 9	15 3	1 52	6 36	0 58	7 5	3 20	23 14	1 36	2 59	2 41	23 5	0 18	22 53	0 27	11 24	4 43	13 25	13 51	25 54		n.a.
W18	8 44	1s56	2 10	14 26	1 49	7 7	1 1	7 12	3 18	23 15	1 36	2 57	2 41	23 5	0 18	22 53	0 27	11 24	4 43	13 23	13 50	25 56		n.a.
T 19	8 21	7 51	1 6	13 47	1 45	7 39	1 4	7 18	3 16	23 15	1 36	2 56	2 41	23 5	0 18	22 53	0 27	11 24	4 43	13 22	13 49	25 57		n.a.
F 20	7 58	13 21	0 0	13 8	1 41	8 10	1 7	7 25	3 13	23 16	1 36	2 54	2 41	23 5	0 18	22 53	0 27	11 24	4 43	13 21	13 48	25 59		n.a.
S 21	7 34	18 14	1s 5	12 27	1 37	8 41	1 11	7 31	3 11	23 16	1 36	2 53	2 41	23 5	0 18	22 53	0 27	11 23	4 43	13 22	13 47	26 1		n.a.
S 22	7 11	22 19	2 5	11 46	1 32	9 12	1 14	7 38	3 8	23 17	1 35	2 51	2 41	23 5	0 18	22 53	0 27	11 23	4 43	13 22	13 46	26 2		n.a.
M23	6 47	25 28	3 1	11 5	1 27	9 43	1 17	7 44	3 5	23 17	1 35	2 49	2 41	23 5	0 18	22 53	0 27	11 23	4 43	13 22	13 45	26 4		n.a.
T 24	6 23	27 30	3 48	10 23	1 22	10 13	1 20	7 51	3 2	23 17	1 35	2 48	2 41	23 5	0 18	22 53	0 27	11 23	4 43	13 22	13 44	26 5		n.a.
W25	6 0	28 17	4 26	9 40	1 17	10 44	1 23	7 57	2 59	23 18	1 35	2 46	2 42	23 5	0 18	22 53	0 27	11 23	4 43	13 21	13 43	26 7		n.a.
T 26	5 36	27 44	4 52	8 57	1 11	11 13	1 26	8 3	2 56	23 18	1 35	2 44	2 42	23 6	0 18	22 53	0 27	11 22	4 43	13 20	13 42	26 8		n.a.
F 27	5 12	25 50	5 6	8 14	1 5	11 43	1 29	8 9	2 53	23 18	1 34	2 43	2 42	23 6	0 18	22 53	0 27	11 22	4 43	13 18	13 41	26 10		n.a.
S 28	4 48	22 37	5 6	7 31	0 59	12 13	1 32	8 15	2 50	23 18	1 34	2 41	2 42	23 6	0 18	22 53	0 27	11 22	4 43	13 15	13 40	26 11		n.a.
S 29	4 23	18 15	4 50	6 47	0 53	12 42	1 35	8 21	2 47	23 18	1 34	2 39	2 42	23 6	0 18	22 53	0 27	11 22	4 43	13 12	13 38	26 13		n.a.
M30	3n59	12s55	4s18	6n 3	0n47	13s11	1s38	8s27	2s44	23s18	1s34	2n37	2s42	23s 6	0s18	22n53	0s27	11n21	4s43	13n 9	13n37	26s14		n.a.

Julian Day Number = 978017.5, Delta T = 13h17m16s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'56, Lahiri = -32°00'55 Julian Calendar 1 Sept. 2036 BCE == Greg. Calendar 15 Aug. 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

OCTOBER 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 30 14	21♍ 8'40	21♓ 1	18♍23	1♏ 3	14°R53	23°R53	12°R35	12♐53	17♊33	12°R18	4°R 1	5♉27	14♐39	n.a.	T 1
W 2	23 34 10	22° 9'24	4♈49	20° 0	2°15	14♓32	23♑52	12♈31	12°54	17°33	12♉17	3♉56	5°24	14°46	n.a.	W 2
T 3	23 38 7	23°10'10	18°48	21°36	3°27	14°11	23°51	12°26	12°55	17°34	12°16	3°53	5°20	14°53	n.a.	T 3
F 4	23 42 3	24°10'57	2♉55	23°12	4°39	13°51	23°50	12°21	12°56	17°34	12°15	3°D52	5°17	14°59	n.a.	F 4
S 5	23 46 0	25°11'46	17° 7	24°47	5°50	13°32	23°50	12°17	12°57	17°34	12°15	3°53	5°14	15° 6	n.a.	S 5
S 6	23 49 56	26°12'37	1♊20	26°22	7° 2	13°13	23°50	12°12	12°59	17°34	12°14	3°54	5°11	15°13	n.a.	S 6
M 7	23 53 53	27°13'30	15°31	27°58	8°13	12°54	23°D50	12° 7	13° 0	17°R34	12°13	3°55	5° 8	15°19	n.a.	M 7
T 8	23 57 49	28°14'24	29°40	29°33	9°25	12°36	23°50	12° 3	13° 2	17°34	12°12	3°R56	5° 4	15°26	n.a.	T 8
W 9	0 1 46	29°15'20	13♋45	1♎ 7	10°36	12°19	23°50	11°58	13° 3	17°34	12°11	3°55	5° 1	15°33	n.a.	W 9
T 10	0 5 43	0♎16'18	27°43	2°42	11°47	12° 2	23°51	11°53	13° 5	17°34	12°10	3°52	4°58	15°39	n.a.	T 10
F 11	0 9 39	1°17'17	11♌34	4°16	12°59	11°46	23°51	11°48	13° 6	17°34	12°10	3°48	4°55	15°46	n.a.	F 11
S 12	0 13 36	2°18'18	25°15	5°50	14°10	11°30	23°52	11°43	13° 8	17°34	12° 9	3°43	4°52	15°53	n.a.	S 12
S 13	0 17 32	3°19'20	8♍45	7°25	15°21	11°16	23°54	11°38	13° 9	17°33	12° 8	3°38	4°49	15°59	n.a.	S 13
M14	0 21 29	4°20'23	22° 1	8°59	16°32	11° 2	23°55	11°33	13°11	17°33	12° 7	3°33	4°45	16° 6	n.a.	M14
T 15	0 25 25	5°21'28	5♎ 3	10°33	17°43	10°48	23°57	11°28	13°13	17°33	12° 6	3°29	4°42	16°13	n.a.	T 15
W16	0 29 22	6°22'34	17°48	12° 6	18°54	10°36	23°58	11°23	13°15	17°33	12° 5	3°27	4°39	16°19	n.a.	W16
T 17	0 33 18	7°23'40	0♏18	13°40	20° 4	10°24	24° 0	11°19	13°16	17°32	12° 4	3°D26	4°36	16°26	n.a.	T 17
F 18	0 37 15	8°24'48	12°34	15°14	21°15	10°14	24° 3	11°14	13°18	17°32	12° 3	3°26	4°33	16°33	n.a.	F 18
S 19	0 41 12	9°25'57	24°37	16°47	22°26	10° 4	24° 5	11° 8	13°20	17°32	12° 2	3°27	4°29	16°39	n.a.	S 19
S 20	0 45 8	10°27'06	6♐32	18°21	23°36	9°54	24° 8	11° 3	13°22	17°31	12° 1	3°29	4°26	16°46	n.a.	S 20
M21	0 49 5	11°28'16	18°22	19°55	24°46	9°46	24°10	10°58	13°24	17°31	12° 0	3°31	4°23	16°53	n.a.	M21
T 22	0 53 1	12°29'27	0♑12	21°28	25°57	9°39	24°14	10°53	13°26	17°30	11°59	3°32	4°20	17° 0	n.a.	T 22
W23	0 56 58	13°30'39	12° 6	23° 2	27° 7	9°32	24°17	10°48	13°28	17°30	11°58	3°R33	4°17	17° 6	n.a.	W23
T 24	1 0 54	14°31'51	24°10	24°35	28°17	9°26	24°20	10°43	13°31	17°29	11°57	3°33	4°14	17°13	n.a.	T 24
F 25	1 4 51	15°33'03	6♒27	26° 8	29°27	9°21	24°24	10°38	13°33	17°29	11°56	3°31	4°10	17°20	n.a.	F 25
S 26	1 8 47	16°34'16	19° 3	27°42	0♐37	9°17	24°28	10°34	13°35	17°28	11°55	3°29	4° 7	17°26	n.a.	S 26
S 27	1 12 44	17°35'30	2♓ 1	29°15	1°46	9°14	24°32	10°29	13°37	17°27	11°54	3°27	4° 4	17°33	n.a.	S 27
M28	1 16 41	18°36'44	15°22	0♏48	2°56	9°11	24°36	10°24	13°40	17°27	11°52	3°25	4° 1	17°40	n.a.	M28
T 29	1 20 37	19°37'58	29° 7	2°21	4° 5	9° 9	24°40	10°19	13°42	17°26	11°51	3°23	3°58	17°46	n.a.	T 29
W30	1 24 34	20°39'13	13♈13	3°54	5°15	9° 8	24°45	10°14	13°44	17°25	11°50	3°22	3°55	17°53	n.a.	W30
T 31	1 28 30	21♎40'28	27♈36	5♏26	6♐24	9°D 8	24♑49	10♈ 9	13♐47	17♊24	11♉49	3°D21	3♉51	18♐ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	3n35	6s51	3s31	5n19	0n41	13s39	1s41	8s32	2s41	23s18	1s34	2n35	2s42	23s 6	0s18	22n53	0s27	11n21	4s43	13n 7	13n36	26s16			n.a.
W 2	3 10	0 21	2 31	4 34	0 35	14 7	1 44	8 37	2 37	23 18	1 33	2 34	2 42	23 6	0 18	22 53	0 27	11 21	4 43	13 5	13 35	26 17			n.a.
T 3	2 46	6n16	1 21	3 50	0 28	14 35	1 47	8 42	2 34	23 18	1 33	2 32	2 42	23 6	0 18	22 53	0 27	11 21	4 43	13 4	13 34	26 19			n.a.
F 4	2 21	12 39	0 5	3 6	0 22	15 3	1 50	8 47	2 31	23 18	1 33	2 30	2 42	23 7	0 18	22 53	0 27	11 20	4 43	13 4	13 33	26 20			n.a.
S 5	1 57	18 26	1n11	2 21	0 16	15 30	1 52	8 52	2 27	23 18	1 33	2 28	2 42	23 7	0 18	22 53	0 27	11 20	4 43	13 4	13 32	26 22			n.a.
S 6	1 32	23 11	2 24	1 37	0 9	15 57	1 55	8 56	2 24	23 18	1 32	2 26	2 42	23 7	0 18	22 53	0 27	11 20	4 43	13 5	13 31	26 23			n.a.
M 7	1 8	26 34	3 27	0 52	0 3	16 23	1 57	9 0	2 21	23 18	1 32	2 24	2 43	23 7	0 18	22 53	0 27	11 20	4 43	13 5	13 30	26 24			n.a.
T 8	0 43	28 14	4 18	0 8	0s 4	16 49	2 0	9 4	2 17	23 17	1 32	2 22	2 43	23 7	0 18	22 53	0 27	11 19	4 43	13 5	13 29	26 26			n.a.
W 9	0 18	28 3	4 53	0s37	0 10	17 14	2 2	9 8	2 14	23 17	1 32	2 20	2 43	23 7	0 18	22 53	0 27	11 19	4 43	13 5	13 28	26 27			n.a.
T 10	0s 7	26 6	5 10	1 21	0 17	17 39	2 5	9 11	2 10	23 17	1 32	2 18	2 43	23 8	0 18	22 53	0 27	11 19	4 43	13 4	13 27	26 29			n.a.
F 11	0 31	22 36	5 9	2 5	0 23	18 4	2 7	9 14	2 7	23 16	1 31	2 16	2 43	23 8	0 18	22 53	0 27	11 18	4 43	13 3	13 25	26 30			n.a.
S 12	0 56	17 54	4 50	2 49	0 29	18 28	2 10	9 17	2 3	23 16	1 31	2 14	2 43	23 8	0 18	22 53	0 27	11 18	4 43	13 1	13 24	26 32			n.a.
S 13	1 21	12 23	4 16	3 32	0 36	18 52	2 12	9 20	2 0	23 16	1 31	2 12	2 43	23 8	0 18	22 53	0 27	11 18	4 43	12 59	13 23	26 33			n.a.
M14	1 46	6 24	3 28	4 16	0 42	19 15	2 14	9 22	1 56	23 15	1 31	2 10	2 43	23 8	0 18	22 53	0 27	11 18	4 43	12 57	13 22	26 34			n.a.
T 15	2 10	0 14	2 29	4 59	0 48	19 38	2 16	9 24	1 53	23 15	1 30	2 9	2 43	23 9	0 18	22 53	0 27	11 17	4 43	12 56	13 21	26 36			n.a.
W16	2 35	5s49	1 25	5 42	0 54	20 0	2 18	9 25	1 49	23 14	1 30	2 7	2 43	23 9	0 18	22 53	0 27	11 17	4 43	12 55	13 20	26 37			n.a.
T 17	3 0	11 32	0 17	6 25	1 0	20 22	2 20	9 27	1 46	23 13	1 30	2 5	2 43	23 9	0 18	22 53	0 27	11 17	4 43	12 55	13 19	26 38			n.a.
F 18	3 24	16 43	0s50	7 7	1 6	20 43	2 22	9 28	1 43	23 13	1 30	2 3	2 43	23 9	0 18	22 53	0 27	11 16	4 43	12 55	13 18	26 40			n.a.
S 19	3 49	21 9	1 54	7 49	1 11	21 4	2 24	9 29	1 39	23 12	1 29	2 1	2 43	23 10	0 18	22 53	0 27	11 16	4 43	12 55	13 17	26 41			n.a.
S 20	4 13	24 40	2 52	8 31	1 17	21 24	2 25	9 29	1 36	23 11	1 29	1 59	2 42	23 10	0 18	22 53	0 27	11 16	4 43	12 56	13 16	26 43			n.a.
M21	4 38	27 7	3 43	9 12	1 22	21 43	2 27	9 29	1 33	23 11	1 29	1 57	2 42	23 10	0 18	22 53	0 27	11 15	4 43	12 57	13 15	26 44			n.a.
T 22	5 2	28 20	4 24	9 53	1 28	22 2	2 28	9 29	1 29	23 10	1 29	1 55	2 42	23 10	0 18	22 53	0 27	11 15	4 43	12 57	13 13	26 45			n.a.
W23	5 26	28 15	4 54	10 33	1 33	22 20	2 30	9 29	1 26	23 9	1 29	1 53	2 42	23 11	0 18	22 53	0 27	11 15	4 43	12 57	13 12	26 47			n.a.
T 24	5 50	26 50	5 12	11 13	1 38	22 38	2 31	9 28	1 23	23 8	1 28	1 51	2 42	23 11	0 18	22 53	0 27	11 14	4 43	12 57	13 11	26 48			n.a.
F 25	6 15	24 7	5 15	11 52	1 42	22 55	2 32	9 27	1 20	23 7	1 28	1 49	2 42	23 11	0 18	22 53	0 27	11 14	4 43	12 57	13 10	26 49			n.a.
S 26	6 39	20 13	5 4	12 31	1 47	23 12	2 34	9 26	1 17	23 6	1 28	1 47	2 42	23 11	0 18	22 53	0 27	11 14	4 43	12 56	13 9	26 50			n.a.
S 27	7 2	15 16	4 38	13 9	1 51	23 28	2 35	9 24	1 14	23 5	1 28	1 45	2 42	23 12	0 18	22 53	0 27	11 13	4 43	12 55	13 8	26 52			n.a.
M28	7 26	9 29	3 55	13 46	1 55	23 43	2 36	9 22	1 11	23 4	1 27	1 43	2 42	23 12	0 18	22 53	0 27	11 13	4 43	12 54	13 7	26 53			n.a.
T 29	7 50	3 5	2 58	14 23	1 58	23 57	2 36	9 20	1 8	23 3	1 27	1 41	2 42	23 12	0 18	22 53	0 27	11 13	4 43	12 54	13 6	26 54			n.a.
W30	8 14	3n39	1 49	14 58	2 2	24 11	2 37	9 18	1 5	23 2	1 27	1 40	2 42	23 13	0 18	22 52	0 27	11 12	4 43	12 53	13 5	26 56			n.a.
T 31	8s37	10n20	0s32	15s33	2s 4	24s24	2s38	9s15	1s 2	23s 1	1s27	1n38	2s42	23s13	0s18	22n52	0s27	11n12	4s43	12n53	13n 4	26s57			n.a.

Julian Day Number = 978047.5, Delta T = 13h17m13s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'51, Lahiri = -32°00'51 Julian Calendar 1 Oct. 2036 BCE == Greg. Calendar 14 Sept. 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

NOVEMBER 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 32 27	22♎41'44	12♉12	6♏58	7♐33	9♓ 9	24♑54	10°R 4	13♐49	17°R24	11°R48	3♉21	3♉48	18♐ 6	n.a.	F 1
S 2	1 36 23	23°43'00	26°53	8°30	8°42	9°10	24°59	9♈59	13°52	17♊23	11♉47	3°22	3°45	18°13	n.a.	S 2
S 3	1 40 20	24°44'18	11♊33	10° 1	9°50	9°13	25° 5	9°55	13°54	17°22	11°46	3°22	3°42	18°20	n.a.	S 3
M 4	1 44 17	25°45'35	26° 6	11°32	10°59	9°15	25°10	9°50	13°57	17°21	11°44	3°23	3°39	18°26	n.a.	M 4
T 5	1 48 13	26°46'54	10♋28	13° 2	12° 7	9°19	25°16	9°45	13°59	17°20	11°43	3°24	3°35	18°33	n.a.	T 5
W 6	1 52 10	27°48'13	24°36	14°32	13°15	9°23	25°22	9°41	14° 2	17°19	11°42	3°R24	3°32	18°40	n.a.	W 6
T 7	1 56 6	28°49'33	8♌28	16° 0	14°23	9°29	25°28	9°36	14° 5	17°18	11°41	3°24	3°29	18°46	n.a.	T 7
F 8	2 0 3	29°50'53	22° 4	17°26	15°31	9°34	25°34	9°31	14° 7	17°17	11°40	3°24	3°26	18°53	n.a.	F 8
S 9	2 3 59	0♏52'13	5♍24	18°52	16°39	9°41	25°40	9°27	14°10	17°16	11°38	3°23	3°23	19° 0	n.a.	S 9
S 10	2 7 56	1°53'34	18°30	20°15	17°47	9°48	25°47	9°22	14°13	17°15	11°37	3°23	3°20	19° 7	n.a.	S 10
M11	2 11 52	2°54'55	1♎21	21°36	18°54	9°56	25°53	9°18	14°16	17°14	11°36	3°D23	3°16	19°13	n.a.	M11
T 12	2 15 49	3°56'17	14° 0	22°55	20° 1	10° 5	26° 0	9°14	14°19	17°13	11°35	3°23	3°13	19°20	n.a.	T 12
W13	2 19 46	4°57'38	26°27	24°11	21° 8	10°14	26° 7	9° 9	14°21	17°12	11°34	3°23	3°10	19°27	n.a.	W13
T 14	2 23 42	5°59'00	8♏43	25°23	22°15	10°24	26°14	9° 5	14°24	17°11	11°32	3°R23	3° 7	19°33	n.a.	T 14
F 15	2 27 39	7° 0'21	20°49	26°30	23°21	10°34	26°22	9° 1	14°27	17° 9	11°31	3°23	3° 4	19°40	n.a.	F 15
S 16	2 31 35	8° 1'43	2♐47	27°33	24°27	10°45	26°29	8°57	14°30	17° 8	11°30	3°22	3° 1	19°47	n.a.	S 16
S 17	2 35 32	9° 3'04	14°40	28°31	25°33	10°57	26°37	8°53	14°33	17° 7	11°29	3°22	2°57	19°53	n.a.	S 17
M18	2 39 28	10° 4'25	26°30	29°21	26°39	11° 9	26°45	8°49	14°36	17° 6	11°27	3°21	2°54	20° 0	n.a.	M18
T 19	2 43 25	11° 5'45	8♑20	0♐ 5	27°45	11°22	26°53	8°45	14°39	17° 4	11°26	3°20	2°51	20° 7	n.a.	T 19
W20	2 47 22	12° 7'05	20°13	0°40	28°50	11°35	27° 1	8°42	14°42	17° 3	11°25	3°19	2°48	20°13	n.a.	W20
T 21	2 51 18	13° 8'24	2♒14	1° 7	29°55	11°49	27° 9	8°38	14°45	17° 2	11°24	3°18	2°45	20°20	n.a.	T 21
F 22	2 55 15	14° 9'43	14°28	1°23	0♑59	12° 4	27°17	8°34	14°48	17° 1	11°23	3°D18	2°41	20°27	n.a.	F 22
S 23	2 59 11	15°11'01	26°58	1°R28	2° 4	12°19	27°26	8°31	14°52	16°59	11°21	3°18	2°38	20°33	n.a.	S 23
S 24	3 3 8	16°12'18	9♓50	1°22	3° 8	12°34	27°34	8°27	14°55	16°58	11°20	3°19	2°35	20°40	n.a.	S 24
M25	3 7 4	17°13'34	23° 6	1° 5	4°12	12°50	27°43	8°24	14°58	16°56	11°19	3°20	2°32	20°47	n.a.	M25
T 26	3 11 1	18°14'50	6♈49	0°35	5°15	13° 7	27°52	8°21	15° 1	16°55	11°18	3°21	2°29	20°54	n.a.	T 26
W27	3 14 58	19°16'05	20°58	29♏54	6°18	13°23	28° 1	8°18	15° 4	16°54	11°16	3°22	2°26	21° 0	n.a.	W27
T 28	3 18 54	20°17'19	5♉32	29° 3	7°21	13°41	28°10	8°15	15° 8	16°52	11°15	3°R22	2°22	21° 7	n.a.	T 28
F 29	3 22 51	21°18'32	20°26	28° 2	8°23	13°59	28°20	8°12	15°11	16°51	11°14	3°22	2°19	21°14	n.a.	F 29
S 30	3 26 47	22♏19'45	5♊30	26♏53	9♑25	14♓17	28♑29	8♈ 9	15♐14	16♊49	11♉13	3♉20	2♉16	21♐20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s 0	16n35	0n49	16s 7	2s 7	24s37	2s38	9s12	0s59	23s 0	1s26	1n36	2s41	23s13	0s18	22n52	0s27	11n12	4s43	12n53	13n 3	26s58		n.a.
S 2	9 23	21 55	2 7	16 40	2 9	24 49	2 39	9 9	0 56	22 59	1 26	1 34	2 41	23 13	0 18	22 52	0 27	11 11	4 43	12 53	13 1	26 59		n.a.
S 3	9 46	25 52	3 16	17 11	2 11	25 0	2 39	9 6	0 53	22 58	1 26	1 32	2 41	23 14	0 18	22 52	0 27	11 11	4 43	12 54	13 0	27 1		n.a.
M 4	10 9	28 5	4 13	17 42	2 12	25 10	2 39	9 2	0 51	22 57	1 26	1 31	2 41	23 14	0 18	22 52	0 27	11 11	4 43	12 54	12 59	27 2		n.a.
T 5	10 32	28 22	4 52	18 11	2 13	25 20	2 39	8 58	0 48	22 55	1 26	1 29	2 41	23 14	0 18	22 52	0 27	11 10	4 43	12 54	12 58	27 3		n.a.
W 6	10 54	26 47	5 14	18 39	2 13	25 29	2 39	8 54	0 45	22 54	1 25	1 27	2 41	23 15	0 18	22 52	0 27	11 10	4 43	12 54	12 57	27 4		n.a.
T 7	11 17	23 35	5 16	19 5	2 13	25 37	2 39	8 50	0 43	22 53	1 25	1 25	2 41	23 15	0 18	22 52	0 27	11 10	4 43	12 54	12 56	27 6		n.a.
F 8	11 39	19 10	5 1	19 30	2 12	25 45	2 38	8 45	0 40	22 51	1 25	1 24	2 40	23 15	0 18	22 52	0 27	11 9	4 43	12 54	12 55	27 7		n.a.
S 9	12 1	13 53	4 29	19 53	2 11	25 52	2 38	8 41	0 38	22 50	1 25	1 22	2 40	23 16	0 18	22 52	0 27	11 9	4 43	12 54	12 54	27 8		n.a.
S 10	12 22	8 4	3 44	20 14	2 8	25 58	2 37	8 36	0 35	22 48	1 25	1 21	2 40	23 16	0 18	22 51	0 27	11 9	4 43	12 54	12 53	27 9		n.a.
M11	12 44	2 1	2 49	20 33	2 5	26 3	2 37	8 30	0 33	22 47	1 24	1 19	2 40	23 16	0 18	22 51	0 27	11 8	4 43	12 54	12 51	27 10		n.a.
T 12	13 5	4s 1	1 46	20 50	2 1	26 8	2 36	8 25	0 31	22 45	1 24	1 17	2 40	23 17	0 18	22 51	0 27	11 8	4 43	12 54	12 50	27 11		n.a.
W13	13 26	9 49	0 38	21 5	1 57	26 12	2 35	8 19	0 28	22 44	1 24	1 16	2 40	23 17	0 18	22 51	0 27	11 8	4 43	12 54	12 49	27 13		n.a.
T 14	13 47	15 10	0s30	21 17	1 51	26 15	2 34	8 13	0 26	22 42	1 24	1 14	2 39	23 17	0 18	22 51	0 27	11 7	4 43	12 54	12 48	27 14		n.a.
F 15	14 8	19 51	1 35	21 27	1 44	26 18	2 33	8 7	0 24	22 41	1 23	1 13	2 39	23 18	0 18	22 51	0 27	11 7	4 43	12 54	12 47	27 15		n.a.
S 16	14 28	23 42	2 36	21 34	1 36	26 20	2 31	8 1	0 22	22 39	1 23	1 12	2 39	23 18	0 18	22 51	0 27	11 7	4 43	12 54	12 46	27 16		n.a.
S 17	14 48	26 30	3 30	21 39	1 27	26 21	2 30	7 55	0 20	22 37	1 23	1 10	2 39	23 18	0 18	22 51	0 27	11 6	4 43	12 53	12 45	27 17		n.a.
M18	15 8	28 7	4 14	21 40	1 16	26 21	2 28	7 48	0 17	22 35	1 23	1 9	2 39	23 19	0 18	22 51	0 27	11 6	4 43	12 53	12 44	27 18		n.a.
T 19	15 28	28 26	4 47	21 38	1 5	26 21	2 26	7 41	0 15	22 34	1 23	1 7	2 38	23 19	0 18	22 50	0 27	11 6	4 43	12 53	12 43	27 20		n.a.
W20	15 47	27 27	5 9	21 33	0 52	26 20	2 24	7 34	0 13	22 32	1 22	1 6	2 38	23 19	0 18	22 50	0 27	11 5	4 43	12 52	12 42	27 21		n.a.
T 21	16 6	25 12	5 17	21 25	0 38	26 18	2 22	7 27	0 11	22 30	1 22	1 5	2 38	23 20	0 18	22 50	0 27	11 5	4 43	12 52	12 40	27 22		n.a.
F 22	16 25	21 46	5 11	21 13	0 22	26 15	2 20	7 19	0 10	22 28	1 22	1 4	2 38	23 20	0 18	22 50	0 27	11 5	4 43	12 52	12 39	27 23		n.a.
S 23	16 43	17 18	4 50	20 58	0 6	26 12	2 17	7 12	0 8	22 26	1 22	1 2	2 37	23 21	0 18	22 50	0 27	11 4	4 43	12 52	12 38	27 24		n.a.
S 24	17 1	11 58	4 15	20 39	0n12	26 8	2 15	7 4	0 6	22 24	1 22	1 1	2 37	23 21	0 18	22 50	0 27	11 4	4 42	12 52	12 37	27 25		n.a.
M25	17 19	5 55	3 25	20 17	0 31	26 4	2 12	6 56	0 4	22 22	1 22	1 0	2 37	23 21	0 18	22 50	0 27	11 4	4 42	12 53	12 36	27 26		n.a.
T 26	17 37	0n36	2 22	19 52	0 50	25 58	2 9	6 48	0 2	22 20	1 21	0 59	2 37	23 22	0 18	22 50	0 27	11 3	4 42	12 53	12 35	27 27		n.a.
W27	17 54	7 18	1 8	19 24	1 10	25 52	2 6	6 40	0 0	22 18	1 21	0 58	2 36	23 22	0 18	22 49	0 27	11 3	4 42	12 53	12 34	27 28		n.a.
T 28	18 11	13 49	0n12	18 54	1 30	25 46	2 3	6 32	0n 1	22 16	1 21	0 57	2 36	23 22	0 18	22 49	0 27	11 3	4 42	12 54	12 33	27 29		n.a.
F 29	18 27	19 42	1 33	18 21	1 49	25 39	1 59	6 23	0 3	22 14	1 21	0 56	2 36	23 23	0 18	22 49	0 27	11 3	4 42	12 53	12 31	27 30		n.a.
S 30	18s44	24n25	2n48	17s47	2n 8	25s31	1s56	6s14	0n 5	22s12	1s21	0n55	2s36	23s23	0s18	22n49	0s27	11n 2	4s42	12n53	12n30	27s31		n.a.

Julian Day Number = 978078.5, Delta T = 13h17m11s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'47, Lahiri = -32°00'47 Julian Calendar 1 Nov. 2036 BCE == Greg. Calendar 15 Oct. 2036 BCE

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ASTRODIENST EPHEMERIS for the year 2036 BCE
geocentric

DECEMBER 2036 BCE (-2035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 30 44	23♏20'57	20♊37	25°R39	10♑27	14♓36	28♑39	8°R 6	15♐17	16°R48	11°R12	3°R18	2♉13	21♐27	n.a.	S 1
M 2	3 34 40	24°22'09	5♋37	24♏21	11°28	14°55	28°49	8♈ 4	15°21	16♊46	11♉10	3♉15	2°10	21°34	n.a.	M 2
T 3	3 38 37	25°23'20	20°22	23° 3	12°29	15°14	28°58	8° 1	15°24	16°45	11° 9	3°12	2° 7	21°40	n.a.	T 3
W 4	3 42 34	26°24'30	4♌45	21°46	13°29	15°34	29° 8	7°58	15°27	16°43	11° 8	3°10	2° 3	21°47	n.a.	W 4
T 5	3 46 30	27°25'40	18°45	20°33	14°29	15°55	29°19	7°56	15°31	16°41	11° 7	3° 8	2° 0	21°54	n.a.	T 5
F 6	3 50 27	28°26'49	2♍20	19°26	15°28	16°15	29°29	7°54	15°34	16°40	11° 6	3°D 8	1°57	22° 0	n.a.	F 6
S 7	3 54 23	29°27'58	15°32	18°26	16°27	16°36	29°39	7°52	15°37	16°38	11° 5	3° 9	1°54	22° 7	n.a.	S 7
S 8	3 58 20	0♐29'06	28°24	17°34	17°26	16°58	29°50	7°50	15°41	16°37	11° 3	3°11	1°51	22°14	n.a.	S 8
M 9	4 2 16	1°30'13	10♎59	16°51	18°24	17°19	0♒ 0	7°48	15°44	16°35	11° 2	3°12	1°47	22°21	n.a.	M 9
T 10	4 6 13	2°31'19	23°21	16°17	19°21	17°42	0°11	7°46	15°48	16°33	11° 1	3°14	1°44	22°27	n.a.	T 10
W11	4 10 9	3°32'24	5♏31	15°52	20°18	18° 4	0°22	7°44	15°51	16°32	11° 0	3°R14	1°41	22°34	n.a.	W11
T 12	4 14 6	4°33'28	17°34	15°36	21°14	18°27	0°32	7°43	15°54	16°30	10°59	3°13	1°38	22°41	n.a.	T 12
F 13	4 18 3	5°34'31	29°31	15°D28	22°10	18°50	0°43	7°41	15°58	16°29	10°58	3°10	1°35	22°47	n.a.	F 13
S 14	4 21 59	6°35'33	11♐24	15°29	23° 5	19°13	0°54	7°40	16° 1	16°27	10°57	3° 6	1°32	22°54	n.a.	S 14
S 15	4 25 56	7°36'34	23°14	15°37	23°59	19°37	1° 6	7°38	16° 5	16°25	10°55	3° 0	1°28	23° 1	n.a.	S 15
M16	4 29 52	8°37'34	5♑ 4	15°52	24°53	20° 1	1°17	7°37	16° 8	16°24	10°54	2°53	1°25	23° 7	n.a.	M16
T 17	4 33 49	9°38'32	16°56	16°14	25°46	20°25	1°28	7°36	16°12	16°22	10°53	2°46	1°22	23°14	n.a.	T 17
W18	4 37 45	10°39'28	28°52	16°41	26°38	20°50	1°40	7°35	16°15	16°20	10°52	2°39	1°19	23°21	n.a.	W18
T 19	4 41 42	11°40'23	10♒54	17°14	27°30	21°15	1°51	7°34	16°19	16°19	10°51	2°33	1°16	23°28	n.a.	T 19
F 20	4 45 39	12°41'16	23° 6	17°52	28°21	21°40	2° 3	7°34	16°22	16°17	10°50	2°29	1°13	23°34	n.a.	F 20
S 21	4 49 35	13°42'08	5♓33	18°34	29°11	22° 5	2°15	7°33	16°26	16°15	10°49	2°27	1° 9	23°41	n.a.	S 21
S 22	4 53 32	14°42'58	18°17	19°21	29°59	22°31	2°27	7°33	16°29	16°13	10°48	2°D27	1° 6	23°48	n.a.	S 22
M23	4 57 28	15°43'46	1♈23	20°11	0♒48	22°57	2°39	7°32	16°33	16°12	10°47	2°28	1° 3	23°54	n.a.	M23
T 24	5 1 25	16°44'32	14°56	21° 5	1°35	23°23	2°51	7°32	16°36	16°10	10°46	2°29	1° 0	24° 1	n.a.	T 24
W25	5 5 21	17°45'16	28°56	22° 1	2°22	23°49	3° 3	7°32	16°40	16° 8	10°45	2°R30	0°57	24° 8	n.a.	W25
T 26	5 9 18	18°45'58	13♉23	23° 1	3° 7	24°16	3°15	7°D32	16°43	16° 7	10°44	2°30	0°53	24°14	n.a.	T 26
F 27	5 13 14	19°46'39	28°16	24° 3	3°51	24°43	3°27	7°32	16°47	16° 5	10°43	2°27	0°50	24°21	n.a.	F 27
S 28	5 17 11	20°47'18	13♊27	25° 8	4°35	25°10	3°40	7°32	16°50	16° 3	10°43	2°23	0°47	24°28	n.a.	S 28
S 29	5 21 8	21°47'56	28°46	26°15	5°17	25°37	3°52	7°33	16°53	16° 2	10°42	2°16	0°44	24°34	n.a.	S 29
M30	5 25 4	22°48'32	14♋ 4	27°24	5°58	26° 5	4° 4	7°33	16°57	16° 0	10°41	2° 8	0°41	24°41	n.a.	M30
T 31	5 29 1	23♐49'06	29♋ 8	28♏35	6♒37	26♓32	4♒17	7♈34	17♐ 0	15♊58	10♉40	2♉ 0	0♉38	24♐48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	18s59	27n27	3n52	17s13	2n25	25s22	1s52	6s 5	0n 6	22s10	1s20	0n54	2s35	23s24	0s18	22n49	0s27	11n 2	4s42	12n52	12n29	27s32			n.a.
M 2	19 15	28 27	4 39	16 39	2 41	25 13	1 48	5 57	0 8	22 8	1 20	0 54	2 35	23 24	0 18	22 49	0 27	11 2	4 42	12 51	12 28	27 33			n.a.
T 3	19 30	27 24	5 7	16 6	2 54	25 4	1 44	5 47	0 9	22 5	1 20	0 53	2 35	23 24	0 18	22 49	0 27	11 1	4 42	12 50	12 27	27 34			n.a.
W 4	19 45	24 33	5 15	15 36	3 6	24 53	1 40	5 38	0 11	22 3	1 20	0 52	2 34	23 25	0 18	22 48	0 27	11 1	4 42	12 49	12 26	27 35			n.a.
T 5	19 59	20 18	5 3	15 8	3 15	24 42	1 36	5 29	0 12	22 1	1 20	0 51	2 34	23 25	0 18	22 48	0 27	11 1	4 42	12 49	12 25	27 36			n.a.
F 6	20 13	15 7	4 35	14 43	3 21	24 31	1 31	5 19	0 14	21 58	1 20	0 51	2 34	23 25	0 18	22 48	0 27	11 0	4 42	12 49	12 24	27 37			n.a.
S 7	20 27	9 22	3 53	14 23	3 25	24 19	1 26	5 10	0 15	21 56	1 19	0 50	2 34	23 26	0 18	22 48	0 27	11 0	4 41	12 49	12 23	27 38			n.a.
S 8	20 40	3 23	3 0	14 6	3 28	24 7	1 21	5 0	0 16	21 54	1 19	0 50	2 33	23 26	0 18	22 48	0 27	11 0	4 41	12 49	12 21	27 39			n.a.
M 9	20 53	2s37	1 59	13 54	3 28	23 54	1 16	4 50	0 18	21 51	1 19	0 49	2 33	23 27	0 18	22 48	0 27	11 0	4 41	12 50	12 20	27 40			n.a.
T 10	21 5	8 25	0 54	13 46	3 26	23 40	1 11	4 40	0 19	21 49	1 19	0 49	2 33	23 27	0 18	22 47	0 27	10 59	4 41	12 51	12 19	27 41			n.a.
W11	21 18	13 50	0s13	13 42	3 23	23 26	1 5	4 30	0 20	21 46	1 19	0 48	2 32	23 27	0 18	22 47	0 27	10 59	4 41	12 51	12 18	27 42			n.a.
T 12	21 29	18 40	1 18	13 41	3 18	23 12	1 0	4 20	0 22	21 44	1 19	0 48	2 32	23 28	0 18	22 47	0 27	10 59	4 41	12 50	12 17	27 43			n.a.
F 13	21 40	22 43	2 19	13 44	3 13	22 57	0 54	4 9	0 23	21 41	1 19	0 48	2 32	23 28	0 18	22 47	0 27	10 59	4 41	12 49	12 16	27 44			n.a.
S 14	21 51	25 48	3 13	13 51	3 6	22 42	0 48	3 59	0 24	21 38	1 18	0 47	2 32	23 28	0 18	22 47	0 27	10 58	4 41	12 48	12 15	27 45			n.a.
S 15	22 2	27 44	3 59	14 0	2 59	22 26	0 42	3 48	0 25	21 36	1 18	0 47	2 31	23 29	0 18	22 47	0 27	10 58	4 41	12 46	12 14	27 46			n.a.
M16	22 12	28 24	4 35	14 12	2 51	22 10	0 35	3 38	0 26	21 33	1 18	0 47	2 31	23 29	0 18	22 47	0 27	10 58	4 41	12 43	12 12	27 47			n.a.
T 17	22 21	27 46	4 58	14 27	2 42	21 54	0 29	3 27	0 28	21 30	1 18	0 47	2 31	23 29	0 18	22 46	0 27	10 58	4 40	12 41	12 11	27 48			n.a.
W18	22 30	25 51	5 9	14 43	2 33	21 37	0 22	3 16	0 29	21 28	1 18	0 47	2 30	23 30	0 18	22 46	0 27	10 57	4 40	12 38	12 10	27 49			n.a.
T 19	22 39	22 45	5 7	15 2	2 24	21 20	0 15	3 5	0 30	21 25	1 18	0 47	2 30	23 30	0 18	22 46	0 27	10 57	4 40	12 36	12 9	27 50			n.a.
F 20	22 47	18 39	4 50	15 21	2 15	21 2	0 8	2 54	0 31	21 22	1 18	0 47	2 30	23 31	0 18	22 46	0 27	10 57	4 40	12 35	12 8	27 51			n.a.
S 21	22 55	13 41	4 20	15 42	2 5	20 45	0 0	2 43	0 32	21 19	1 17	0 47	2 29	23 31	0 18	22 46	0 27	10 57	4 40	12 34	12 7	27 51			n.a.
S 22	23 2	8 2	3 36	16 5	1 55	20 27	0n 8	2 31	0 33	21 16	1 17	0 47	2 29	23 31	0 18	22 46	0 27	10 57	4 40	12 34	12 6	27 52			n.a.
M23	23 9	1 53	2 40	16 28	1 45	20 8	0 15	2 20	0 34	21 13	1 17	0 47	2 29	23 32	0 18	22 45	0 27	10 56	4 40	12 35	12 5	27 53			n.a.
T 24	23 15	4n34	1 34	16 51	1 36	19 50	0 23	2 9	0 35	21 10	1 17	0 47	2 28	23 32	0 18	22 45	0 27	10 56	4 40	12 35	12 3	27 54			n.a.
W25	23 21	11 1	0 19	17 16	1 26	19 31	0 32	1 57	0 36	21 7	1 17	0 47	2 28	23 32	0 18	22 45	0 27	10 56	4 40	12 35	12 2	27 55			n.a.
T 26	23 27	17 6	0n58	17 41	1 16	19 13	0 40	1 45	0 37	21 4	1 17	0 48	2 28	23 33	0 18	22 45	0 27	10 56	4 39	12 35	12 1	27 56			n.a.
F 27	23 32	22 22	2 14	18 6	1 7	18 54	0 49	1 34	0 38	21 1	1 17	0 48	2 27	23 33	0 18	22 45	0 27	10 56	4 39	12 34	12 0	27 57			n.a.
S 28	23 36	26 13	3 22	18 31	0 57	18 35	0 58	1 22	0 39	20 58	1 17	0 48	2 27	23 34	0 18	22 45	0 27	10 56	4 39	12 33	11 59	27 57			n.a.
S 29	23 40	28 12	4 16	18 56	0 48	18 16	1 7	1 10	0 40	20 55	1 17	0 49	2 27	23 34	0 18	22 44	0 27	10 55	4 39	12 30	11 58	27 58			n.a.
M30	23 44	28 0	4 52	19 21	0 39	17 56	1 16	0 58	0 41	20 52	1 16	0 49	2 26	23 34	0 18	22 44	0 27	10 55	4 39	12 28	11 57	27 59			n.a.
T 31	23s47	25n44	5n 6	19s46	0n30	17s37	1n25	0s46	0n41	20s49	1s16	0n50	2s26	23s35	0s18	22n44	0s27	10n55	4s39	12n25	11n56	28s 0			n.a.

Julian Day Number = 978108.5, Delta T = 13h17m09s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'43, Lahiri = -32°00'43 Julian Calendar 1 Dec. 2036 BCE == Greg. Calendar 14 Nov. 2036 BCE

The year -2035 astronomical counting style corresponds to year 2036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

JANUARY 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 32 57	24♐49'38	13♌49	29♏48	7♒16	27♓ 0	4♒30	7♈34	17♐ 4	15°R57	10°R39	1°R53	0♉34	24♐55	n.a.	W 1
T 2	5 36 54	25°50'09	28° 3	1♐ 3	7°53	27°28	4°42	7°35	17° 7	15♊55	10♉38	1♉48	0°31	25° 1	n.a.	T 2
F 3	5 40 50	26°50'38	11♍48	2°19	8°29	27°56	4°55	7°36	17°11	15°53	10°37	1°44	0°28	25° 8	n.a.	F 3
S 4	5 44 47	27°51'06	25° 4	3°36	9° 3	28°25	5° 8	7°37	17°14	15°52	10°37	1°D43	0°25	25°15	n.a.	S 4
S 5	5 48 43	28°51'32	7♎54	4°56	9°36	28°53	5°21	7°38	17°18	15°50	10°36	1°43	0°22	25°21	n.a.	S 5
M 6	5 52 40	29°51'57	20°24	6°16	10° 8	29°22	5°34	7°40	17°21	15°48	10°35	1°44	0°19	25°28	n.a.	M 6
T 7	5 56 37	0♏52'20	2♏37	7°38	10°38	29°51	5°47	7°41	17°25	15°47	10°34	1°R45	0°15	25°35	n.a.	T 7
W 8	6 0 33	1°52'41	14°39	9° 1	11° 6	0♈20	6° 0	7°42	17°28	15°45	10°34	1°44	0°12	25°41	n.a.	W 8
T 9	6 4 30	2°53'01	26°34	10°25	11°33	0°49	6°13	7°44	17°31	15°44	10°33	1°41	0° 9	25°48	n.a.	T 9
F 10	6 8 26	3°53'19	8♐24	11°51	11°57	1°19	6°26	7°46	17°35	15°42	10°32	1°35	0° 6	25°55	n.a.	F 10
S 11	6 12 23	4°53'35	20°14	13°18	12°20	1°48	6°40	7°47	17°38	15°40	10°32	1°26	0° 3	26° 2	n.a.	S 11
S 12	6 16 19	5°53'49	2♏ 4	14°46	12°41	2°18	6°53	7°49	17°41	15°39	10°31	1°15	29♈59	26° 8	n.a.	S 12
M13	6 20 16	6°54'02	13°57	16°15	13° 1	2°48	7° 6	7°51	17°45	15°37	10°30	1° 2	29°56	26°15	n.a.	M13
T 14	6 24 13	7°54'12	25°54	17°45	13°18	3°18	7°20	7°54	17°48	15°36	10°30	0°49	29°53	26°22	n.a.	T 14
W15	6 28 9	8°54'20	7♒56	19°16	13°33	3°48	7°33	7°56	17°51	15°34	10°29	0°36	29°50	26°28	n.a.	W15
T 16	6 32 6	9°54'26	20° 5	20°48	13°46	4°19	7°47	7°58	17°55	15°33	10°29	0°25	29°47	26°35	n.a.	T 16
F 17	6 36 2	10°54'29	2♓23	22°22	13°57	4°49	8° 0	8° 1	17°58	15°31	10°28	0°17	29°44	26°42	n.a.	F 17
S 18	6 39 59	11°54'30	14°53	23°56	14° 5	5°20	8°14	8° 3	18° 1	15°30	10°28	0°11	29°40	26°48	n.a.	S 18
S 19	6 43 55	12°54'29	27°36	25°32	14°11	5°50	8°28	8° 6	18° 5	15°28	10°27	0° 8	29°37	26°55	n.a.	S 19
M20	6 47 52	13°54'26	10♈38	27° 9	14°15	6°21	8°41	8° 9	18° 8	15°27	10°27	0°D 7	29°34	27° 2	n.a.	M20
T 21	6 51 48	14°54'20	24° 1	28°47	14°R16	6°52	8°55	8°12	18°11	15°25	10°26	0°R 7	29°31	27° 9	n.a.	T 21
W22	6 55 45	15°54'11	7♉48	0♏25	14°15	7°23	9° 9	8°15	18°14	15°24	10°26	0° 7	29°28	27°15	n.a.	W22
T 23	6 59 41	16°54'00	22° 2	2° 6	14°12	7°54	9°23	8°18	18°17	15°23	10°25	0° 6	29°24	27°22	n.a.	T 23
F 24	7 3 38	17°53'47	6♊40	3°47	14° 6	8°26	9°36	8°21	18°21	15°21	10°25	0° 2	29°21	27°29	n.a.	F 24
S 25	7 7 35	18°53'32	21°38	5°29	13°57	8°57	9°50	8°24	18°24	15°20	10°25	29♈55	29°18	27°35	n.a.	S 25
S 26	7 11 31	19°53'14	6♋51	7°13	13°46	9°29	10° 4	8°28	18°27	15°19	10°24	29°46	29°15	27°42	n.a.	S 26
M27	7 15 28	20°52'54	22° 6	8°57	13°32	10° 0	10°18	8°31	18°30	15°17	10°24	29°35	29°12	27°49	n.a.	M27
T 28	7 19 24	21°52'32	7♌14	10°43	13°16	10°32	10°32	8°35	18°33	15°16	10°24	29°24	29° 9	27°56	n.a.	T 28
W29	7 23 21	22°52'07	22° 3	12°30	12°57	11° 4	10°46	8°38	18°36	15°15	10°23	29°13	29° 5	28° 2	n.a.	W29
T 30	7 27 17	23°51'41	6♍26	14°18	12°36	11°36	11° 0	8°42	18°39	15°13	10°23	29° 5	29° 2	28° 9	n.a.	T 30
F 31	7 31 14	24♏51'12	20♍20	16♏ 8	12♒12	12♈ 8	11♒14	8♈46	18♐42	15♊12	10♉23	28♈59	28♈59	28♐16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23 s50	21n47	5n 0	20 s11	0n21	17 s18	1n35	0 s34	0n42	20 s46	1 s16	0n50	2 s26	23 s35	0 s18	22n44	0 s26	10n55	4 s39	12n22	11n54	28 s 1			n.a.
T 2	23 52	16 41	4 35	20 36	0 12	16 59	1 45	0 22	0 43	20 43	1 16	0 51	2 25	23 35	0 18	22 44	0 26	10 55	4 38	12 20	11 53	28 1			n.a.
F 3	23 53	10 53	3 55	21 0	0 3	16 40	1 55	0 10	0 44	20 39	1 16	0 52	2 25	23 36	0 18	22 44	0 26	10 55	4 38	12 19	11 52	28 2			n.a.
S 4	23 55	4 48	3 4	21 23	0 s 5	16 21	2 5	0n 2	0 45	20 36	1 16	0 52	2 25	23 36	0 18	22 43	0 26	10 55	4 38	12 19	11 51	28 3			n.a.
S 5	23 55	1 s18	2 4	21 46	0 13	16 2	2 16	0 15	0 46	20 33	1 16	0 53	2 25	23 36	0 18	22 43	0 26	10 54	4 38	12 19	11 50	28 4			n.a.
M 6	23 56	7 12	1 0	22 9	0 21	15 43	2 27	0 27	0 46	20 29	1 16	0 54	2 24	23 37	0 18	22 43	0 26	10 54	4 38	12 19	11 49	28 4			n.a.
T 7	23 56	12 42	0 s 5	22 30	0 29	15 24	2 38	0 39	0 47	20 26	1 16	0 55	2 24	23 37	0 18	22 43	0 26	10 54	4 38	12 19	11 48	28 5			n.a.
W 8	23 55	17 39	1 9	22 51	0 36	15 6	2 49	0 52	0 48	20 23	1 16	0 56	2 24	23 37	0 18	22 43	0 26	10 54	4 38	12 19	11 46	28 6			n.a.
T 9	23 54	21 52	2 8	23 11	0 43	14 48	3 0	1 4	0 49	20 19	1 16	0 57	2 23	23 38	0 18	22 43	0 26	10 54	4 38	12 18	11 45	28 7			n.a.
F 10	23 52	25 9	3 2	23 30	0 50	14 30	3 11	1 17	0 49	20 16	1 15	0 58	2 23	23 38	0 18	22 42	0 26	10 54	4 37	12 16	11 44	28 7			n.a.
S 11	23 50	27 21	3 48	23 48	0 57	14 12	3 23	1 30	0 50	20 12	1 15	0 59	2 23	23 38	0 18	22 42	0 26	10 54	4 37	12 13	11 43	28 8			n.a.
S 12	23 48	28 19	4 24	24 5	1 4	13 55	3 35	1 42	0 51	20 9	1 15	1 0	2 22	23 39	0 18	22 42	0 26	10 54	4 37	12 9	11 42	28 9			n.a.
M13	23 45	27 58	4 49	24 21	1 10	13 38	3 47	1 55	0 51	20 5	1 15	1 1	2 22	23 39	0 18	22 42	0 26	10 54	4 37	12 4	11 41	28 10			n.a.
T 14	23 41	26 19	5 0	24 36	1 16	13 22	3 59	2 8	0 52	20 2	1 15	1 2	2 22	23 39	0 18	22 42	0 26	10 54	4 37	12 0	11 40	28 10			n.a.
W15	23 37	23 28	4 59	24 50	1 21	13 6	4 11	2 21	0 53	19 58	1 15	1 3	2 21	23 40	0 18	22 42	0 26	10 54	4 37	11 55	11 38	28 11			n.a.
T 16	23 33	19 34	4 44	25 2	1 26	12 50	4 23	2 33	0 53	19 54	1 15	1 4	2 21	23 40	0 18	22 42	0 26	10 54	4 36	11 51	11 37	28 12			n.a.
F 17	23 28	14 48	4 16	25 13	1 31	12 35	4 36	2 46	0 54	19 51	1 15	1 6	2 21	23 40	0 18	22 41	0 26	10 54	4 36	11 48	11 36	28 12			n.a.
S 18	23 23	9 22	3 35	25 23	1 36	12 21	4 48	2 59	0 54	19 47	1 15	1 7	2 20	23 41	0 18	22 41	0 26	10 54	4 36	11 46	11 35	28 13			n.a.
S 19	23 17	3 27	2 43	25 31	1 40	12 7	5 1	3 12	0 55	19 43	1 15	1 8	2 20	23 41	0 18	22 41	0 26	10 54	4 36	11 45	11 34	28 14			n.a.
M20	23 11	2n45	1 41	25 38	1 44	11 54	5 13	3 25	0 56	19 40	1 15	1 10	2 20	23 41	0 18	22 41	0 26	10 54	4 36	11 45	11 33	28 14			n.a.
T 21	23 5	9 0	0 32	25 43	1 48	11 42	5 26	3 38	0 56	19 36	1 15	1 11	2 19	23 42	0 18	22 41	0 26	10 54	4 36	11 45	11 32	28 15			n.a.
W22	22 58	15 2	0n41	25 47	1 51	11 30	5 38	3 51	0 57	19 32	1 15	1 13	2 19	23 42	0 18	22 41	0 26	10 54	4 36	11 45	11 30	28 15			n.a.
T 23	22 50	20 28	1 53	25 49	1 54	11 19	5 51	4 4	0 57	19 28	1 15	1 14	2 19	23 42	0 18	22 41	0 26	10 54	4 35	11 44	11 29	28 16			n.a.
F 24	22 42	24 49	3 0	25 49	1 56	11 9	6 3	4 17	0 58	19 24	1 15	1 16	2 19	23 42	0 18	22 40	0 26	10 54	4 35	11 43	11 28	28 17			n.a.
S 25	22 34	27 36	3 57	25 47	1 58	11 0	6 15	4 31	0 58	19 21	1 15	1 17	2 18	23 43	0 18	22 40	0 26	10 54	4 35	11 40	11 27	28 17			n.a.
S 26	22 25	28 21	4 37	25 43	2 0	10 52	6 27	4 44	0 59	19 17	1 15	1 19	2 18	23 43	0 18	22 40	0 26	10 54	4 35	11 37	11 26	28 18			n.a.
M27	22 16	26 58	4 58	25 38	2 1	10 44	6 39	4 57	0 59	19 13	1 15	1 21	2 18	23 43	0 18	22 40	0 26	10 54	4 35	11 33	11 25	28 18			n.a.
T 28	22 7	23 38	4 58	25 31	2 2	10 38	6 50	5 10	1 0	19 9	1 14	1 22	2 17	23 44	0 18	22 40	0 26	10 54	4 35	11 29	11 24	28 19			n.a.
W29	21 57	18 48	4 37	25 21	2 2	10 33	7 1	5 23	1 0	19 5	1 14	1 24	2 17	23 44	0 18	22 40	0 26	10 54	4 34	11 25	11 22	28 20			n.a.
T 30	21 46	13 1	3 59	25 10	2 2	10 29	7 11	5 36	1 1	19 1	1 14	1 26	2 17	23 44	0 18	22 40	0 26	10 54	4 34	11 22	11 21	28 20			n.a.
F 31	21 s36	6n47	3n 9	24 s56	2 s 1	10 s25	7n22	5n50	1n 1	18 s57	1 s14	1n28	2 s17	23 s44	0 s18	22n40	0 s26	10n54	4 s34	11n20	11n20	28 s21			n.a.

Julian Day Number = 978139.5, Delta T = 13h17m07s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'39, Lahiri = -32°00'39 Julian Calendar 1 Jan. 2035 BCE == Greg. Calendar 15 Dec. 2036 BCE

The year -2034 astronomical counting style corresponds to year 2035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

FEBRUARY 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 35 10	25♉50'42	3♎44	17♉59	11°R47	12♈40	11♒28	8♈50	18♐45	15°R11	10°R23	28°R55	28♈56	28♐22	n.a.	S 1
S 2	7 39 7	26°50'09	16°40	19°51	11♒19	13°12	11°43	8°54	18°48	15♊10	10♋23	28♈54	28°53	28°29	n.a.	S 2
M 3	7 43 4	27°49'35	29°13	21°44	10°49	13°45	11°57	8°58	18°51	15° 9	10°22	28°54	28°50	28°36	n.a.	M 3
T 4	7 47 0	28°48'59	11♏27	23°38	10°18	14°17	12°11	9° 3	18°54	15° 8	10°22	28°54	28°46	28°42	n.a.	T 4
W 5	7 50 57	29°48'20	23°27	25°34	9°45	14°49	12°25	9° 7	18°56	15° 6	10°22	28°52	28°43	28°49	n.a.	W 5
T 6	7 54 53	0♒47'40	5♐20	27°30	9°10	15°22	12°39	9°11	18°59	15° 5	10°22	28°49	28°40	28°56	n.a.	T 6
F 7	7 58 50	1°46'58	17° 9	29°28	8°35	15°55	12°54	9°16	19° 2	15° 4	10°22	28°42	28°37	29° 3	n.a.	F 7
S 8	8 2 46	2°46'14	28°58	1♒27	7°58	16°27	13° 8	9°20	19° 5	15° 3	10°22	28°33	28°34	29° 9	n.a.	S 8
S 9	8 6 43	3°45'28	10♉50	3°27	7°21	17° 0	13°22	9°25	19° 8	15° 2	10°D22	28°21	28°31	29°16	n.a.	S 9
M10	8 10 39	4°44'39	22°48	5°28	6°43	17°33	13°36	9°30	19°10	15° 1	10°22	28° 7	28°27	29°23	n.a.	M10
T 11	8 14 36	5°43'49	4♒53	7°30	6° 5	18° 6	13°51	9°35	19°13	15° 0	10°22	27°53	28°24	29°29	n.a.	T 11
W12	8 18 32	6°42'56	17° 6	9°32	5°27	18°39	14° 5	9°40	19°16	14°59	10°22	27°39	28°21	29°36	n.a.	W12
T 13	8 22 29	7°42'01	29°27	11°35	4°49	19°12	14°19	9°45	19°18	14°58	10°22	27°27	28°18	29°43	n.a.	T 13
F 14	8 26 26	8°41'03	11♓58	13°38	4°11	19°46	14°34	9°50	19°21	14°58	10°22	27°18	28°15	29°50	n.a.	F 14
S 15	8 30 22	9°40'04	24°40	15°41	3°35	20°19	14°48	9°55	19°23	14°57	10°22	27°11	28°11	29°56	n.a.	S 15
S 16	8 34 19	10°39'01	7♈33	17°45	2°59	20°52	15° 2	10° 0	19°26	14°56	10°22	27° 7	28° 8	0♉ 3	n.a.	S 16
M17	8 38 15	11°37'57	20°40	19°47	2°24	21°26	15°17	10° 6	19°28	14°55	10°23	27° 6	28° 5	0°10	n.a.	M17
T 18	8 42 12	12°36'49	4♉ 4	21°49	1°51	21°59	15°31	10°11	19°31	14°54	10°23	27°D 6	28° 2	0°16	n.a.	T 18
W19	8 46 8	13°35'40	17°46	23°50	1°20	22°33	15°45	10°17	19°33	14°54	10°23	27°R 6	27°59	0°23	n.a.	W19
T 20	8 50 5	14°34'28	1♊48	25°49	0°50	23° 6	16° 0	10°22	19°35	14°53	10°23	27° 5	27°56	0°30	n.a.	T 20
F 21	8 54 1	15°33'14	16° 9	27°47	0°22	23°40	16°14	10°28	19°38	14°52	10°24	27° 2	27°52	0°36	n.a.	F 21
S 22	8 57 58	16°31'57	0♋48	29°43	29♉56	24°14	16°28	10°34	19°40	14°52	10°24	26°56	27°49	0°43	n.a.	S 22
S 23	9 1 54	17°30'38	15°39	1♓36	29°32	24°48	16°43	10°39	19°42	14°51	10°24	26°48	27°46	0°50	n.a.	S 23
M24	9 5 51	18°29'16	0♌35	3°26	29°11	25°21	16°57	10°45	19°44	14°51	10°25	26°38	27°43	0°57	n.a.	M24
T 25	9 9 48	19°27'52	15°28	5°13	28°52	25°55	17°11	10°51	19°47	14°50	10°25	26°28	27°40	1° 3	n.a.	T 25
W26	9 13 44	20°26'26	0♍ 7	6°56	28°35	26°29	17°26	10°57	19°49	14°50	10°25	26°19	27°36	1°10	n.a.	W26
T 27	9 17 41	21°24'58	14°27	8°35	28°21	27° 3	17°40	11° 3	19°51	14°49	10°26	26°11	27°33	1°17	n.a.	T 27
F 28	9 21 37	22♒23'28	28♍20	10♓11	28♉ 9	27♈37	17♒54	11♈ 9	19♐53	14♊49	10♋26	26♈ 5	27♈30	1♉23	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s25	0n27	2n 9	24s41	2s 0	10s23	7n31	6n 3	1n 2	18s53	1s14	1n30	2s16	23s45	0s18	22n40	0s26	10n54	4s34	11n19	11n19	28s21		n.a.
S 2	21 13	5s42	1 4	24 23	1 58	10 22	7 40	6 16	1 2	18 49	1 14	1 31	2 16	23 45	0 18	22 39	0 26	10 54	4 34	11 18	11 18	28 22		n.a.
M 3	21 1	11 27	0s 2	24 3	1 56	10 22	7 49	6 29	1 3	18 45	1 14	1 33	2 16	23 45	0 18	22 39	0 26	10 54	4 34	11 18	11 17	28 22		n.a.
T 4	20 49	16 37	1 6	23 41	1 53	10 23	7 56	6 42	1 3	18 41	1 14	1 35	2 15	23 46	0 18	22 39	0 26	10 55	4 34	11 18	11 16	28 23		n.a.
W 5	20 36	21 3	2 6	23 16	1 50	10 25	8 3	6 56	1 3	18 37	1 14	1 37	2 15	23 46	0 18	22 39	0 26	10 55	4 33	11 18	11 14	28 23		n.a.
T 6	20 23	24 34	3 0	22 49	1 46	10 28	8 9	7 9	1 4	18 32	1 14	1 39	2 15	23 46	0 18	22 39	0 26	10 55	4 33	11 16	11 13	28 24		n.a.
F 7	20 10	27 2	3 45	22 20	1 42	10 32	8 15	7 22	1 4	18 28	1 14	1 41	2 15	23 46	0 18	22 39	0 26	10 55	4 33	11 14	11 12	28 24		n.a.
S 8	19 56	28 17	4 21	21 49	1 37	10 37	8 19	7 35	1 5	18 24	1 14	1 43	2 14	23 47	0 18	22 39	0 26	10 55	4 33	11 11	11 11	28 25		n.a.
S 9	19 42	28 13	4 46	21 15	1 31	10 43	8 23	7 49	1 5	18 20	1 14	1 46	2 14	23 47	0 18	22 39	0 26	10 55	4 33	11 6	11 10	28 25		n.a.
M10	19 28	26 51	4 58	20 40	1 25	10 49	8 25	8 2	1 5	18 16	1 14	1 48	2 14	23 47	0 18	22 39	0 26	10 55	4 33	11 1	11 9	28 26		n.a.
T 11	19 13	24 14	4 57	20 2	1 18	10 57	8 27	8 15	1 6	18 12	1 14	1 50	2 14	23 47	0 18	22 39	0 26	10 56	4 32	10 56	11 7	28 26		n.a.
W12	18 58	20 30	4 43	19 22	1 11	11 5	8 28	8 28	1 6	18 7	1 14	1 52	2 13	23 48	0 18	22 38	0 26	10 56	4 32	10 51	11 6	28 27		n.a.
T 13	18 43	15 52	4 15	18 40	1 3	11 15	8 27	8 41	1 7	18 3	1 14	1 54	2 13	23 48	0 19	22 38	0 26	10 56	4 32	10 47	11 5	28 27		n.a.
F 14	18 28	10 30	3 34	17 56	0 54	11 24	8 26	8 55	1 7	17 59	1 14	1 57	2 13	23 48	0 19	22 38	0 26	10 56	4 32	10 43	11 4	28 27		n.a.
S 15	18 12	4 38	2 42	17 10	0 45	11 35	8 24	9 8	1 7	17 55	1 14	1 59	2 12	23 48	0 19	22 38	0 26	10 56	4 32	10 41	11 3	28 28		n.a.
S 16	17 55	1n30	1 41	16 23	0 35	11 46	8 21	9 21	1 8	17 50	1 14	2 1	2 12	23 48	0 19	22 38	0 26	10 56	4 32	10 39	11 2	28 28		n.a.
M17	17 39	7 43	0 34	15 34	0 25	11 57	8 18	9 34	1 8	17 46	1 14	2 4	2 12	23 49	0 19	22 38	0 25	10 57	4 31	10 39	11 1	28 29		n.a.
T 18	17 22	13 43	0n37	14 45	0 14	12 9	8 13	9 47	1 8	17 42	1 14	2 6	2 12	23 49	0 19	22 38	0 25	10 57	4 31	10 39	10 59	28 29		n.a.
W19	17 5	19 11	1 47	13 54	0 3	12 21	8 8	10 0	1 9	17 37	1 14	2 8	2 12	23 49	0 19	22 38	0 25	10 57	4 31	10 39	10 58	28 30		n.a.
T 20	16 48	23 46	2 53	13 3	0n 8	12 33	8 1	10 13	1 9	17 33	1 14	2 11	2 11	23 49	0 19	22 38	0 25	10 57	4 31	10 38	10 57	28 30		n.a.
F 21	16 30	26 59	3 49	12 11	0 20	12 46	7 55	10 26	1 9	17 28	1 14	2 13	2 11	23 50	0 19	22 38	0 25	10 58	4 31	10 37	10 56	28 30		n.a.
S 22	16 12	28 27	4 31	11 19	0 32	12 58	7 47	10 39	1 10	17 24	1 14	2 16	2 11	23 50	0 19	22 38	0 25	10 58	4 31	10 35	10 55	28 31		n.a.
S 23	15 54	27 54	4 56	10 27	0 44	13 11	7 39	10 52	1 10	17 20	1 14	2 18	2 11	23 50	0 19	22 38	0 25	10 58	4 30	10 32	10 54	28 31		n.a.
M24	15 36	25 20	5 1	9 35	0 56	13 24	7 30	11 5	1 10	17 15	1 14	2 21	2 10	23 50	0 19	22 38	0 25	10 58	4 30	10 29	10 52	28 31		n.a.
T 25	15 17	21 4	4 46	8 45	1 8	13 37	7 21	11 18	1 10	17 11	1 14	2 23	2 10	23 50	0 19	22 38	0 25	10 59	4 30	10 25	10 51	28 32		n.a.
W26	14 58	15 34	4 12	7 55	1 20	13 49	7 12	11 31	1 11	17 6	1 14	2 26	2 10	23 50	0 19	22 38	0 25	10 59	4 30	10 21	10 50	28 32		n.a.
T 27	14 39	9 20	3 22	7 7	1 31	14 2	7 2	11 44	1 11	17 2	1 15	2 29	2 10	23 51	0 19	22 38	0 25	10 59	4 30	10 19	10 49	28 32		n.a.
F 28	14s20	2n50	2n22	6s20	1n43	14s14	6n51	11n57	1n11	16s58	1s15	2n31	2s 9	23s51	0s19	22n38	0s25	10n59	4s30	10n17	10n48	28s33		n.a.

Julian Day Number = 978170.5, Delta T = 13h17m05s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'35, Lahiri = -32°00'34 Julian Calendar 1 Feb. 2035 BCE == Greg. Calendar 15 Jan. 2035 BCE

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

MARCH 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 25 34	23♒21'56	11♎47	11♓42	27°R59	28♈12	18♒ 9	11♈15	19♐55	14°R48	10♉27	26°R 2	27♈27	1♑30	n.a.	S 1
S 2	9 29 30	24°20'22	24°48	13° 8	27♑53	28°46	18°23	11°22	19°57	14♊48	10°27	26°D 1	27°24	1°37	n.a.	S 2
M 3	9 33 27	25°18'47	7♏24	14°30	27°48	29°20	18°37	11°28	19°59	14°47	10°27	26♈ 2	27°21	1°44	n.a.	M 3
T 4	9 37 23	26°17'10	19°42	15°47	27°D46	29°54	18°51	11°34	20° 1	14°47	10°28	26° 2	27°17	1°50	n.a.	T 4
W 5	9 41 20	27°15'31	1♐46	16°58	27°47	0♉29	19° 6	11°41	20° 2	14°47	10°29	26°R 3	27°14	1°57	n.a.	W 5
T 6	9 45 16	28°13'50	13°40	18° 5	27°49	1° 3	19°20	11°47	20° 4	14°47	10°29	26° 1	27°11	2° 4	n.a.	T 6
F 7	9 49 13	29°12'07	25°31	19° 6	27°54	1°37	19°34	11°54	20° 6	14°46	10°30	25°58	27° 8	2°10	n.a.	F 7
S 8	9 53 10	0♓10'23	7♑22	20° 2	28° 2	2°12	19°48	12° 0	20° 8	14°46	10°30	25°52	27° 5	2°17	n.a.	S 8
S 9	9 57 6	1° 8'37	19°18	20°53	28°11	2°46	20° 3	12° 7	20° 9	14°46	10°31	25°44	27° 2	2°24	n.a.	S 9
M10	10 1 3	2° 6'50	1♒21	21°37	28°23	3°21	20°17	12°14	20°11	14°46	10°32	25°35	26°58	2°31	n.a.	M10
T 11	10 4 59	3° 5'00	13°35	22°17	28°36	3°56	20°31	12°20	20°12	14°46	10°32	25°25	26°55	2°37	n.a.	T 11
W12	10 8 56	4° 3'09	25°59	22°50	28°52	4°30	20°45	12°27	20°14	14°46	10°33	25°15	26°52	2°44	n.a.	W12
T 13	10 12 52	5° 1'16	8♓36	23°18	29°10	5° 5	20°59	12°34	20°15	14°D46	10°34	25° 7	26°49	2°51	n.a.	T 13
F 14	10 16 49	5°59'21	21°25	23°41	29°29	5°40	21°13	12°41	20°17	14°46	10°34	25° 1	26°46	2°57	n.a.	F 14
S 15	10 20 45	6°57'24	4♈25	23°57	29°51	6°15	21°27	12°48	20°18	14°46	10°35	24°57	26°42	3° 4	n.a.	S 15
S 16	10 24 42	7°55'25	17°38	24° 8	0♒14	6°50	21°41	12°55	20°20	14°46	10°36	24°55	26°39	3°11	n.a.	S 16
M17	10 28 38	8°53'24	1♉ 2	24°14	0°38	7°25	21°55	13° 2	20°21	14°46	10°37	24°D55	26°36	3°18	n.a.	M17
T 18	10 32 35	9°51'21	14°38	24°R14	1° 5	7°59	22° 9	13° 9	20°22	14°46	10°37	24°56	26°33	3°24	n.a.	T 18
W19	10 36 32	10°49'16	28°26	24° 9	1°33	8°34	22°23	13°16	20°23	14°46	10°38	24°57	26°30	3°31	n.a.	W19
T 20	10 40 28	11°47'09	12♊27	23°59	2° 2	9°10	22°37	13°23	20°24	14°47	10°39	24°R57	26°27	3°38	n.a.	T 20
F 21	10 44 25	12°45'00	26°39	23°44	2°33	9°45	22°51	13°30	20°26	14°47	10°40	24°56	26°23	3°44	n.a.	F 21
S 22	10 48 21	13°42'49	11♋ 1	23°25	3° 5	10°20	23° 5	13°38	20°27	14°47	10°41	24°54	26°20	3°51	n.a.	S 22
S 23	10 52 18	14°40'37	25°29	23° 2	3°39	10°55	23°19	13°45	20°28	14°47	10°42	24°50	26°17	3°58	n.a.	S 23
M24	10 56 14	15°38'22	9♌59	22°35	4°14	11°30	23°33	13°52	20°29	14°48	10°43	24°44	26°14	4° 5	n.a.	M24
T 25	11 0 11	16°36'05	24°25	22° 5	4°50	12° 5	23°46	14° 0	20°30	14°48	10°44	24°38	26°11	4°11	n.a.	T 25
W26	11 4 7	17°33'47	8♍41	21°33	5°27	12°41	24° 0	14° 7	20°30	14°48	10°45	24°33	26° 8	4°18	n.a.	W26
T 27	11 8 4	18°31'27	22°42	20°59	6° 5	13°16	24°14	14°14	20°31	14°49	10°45	24°28	26° 4	4°25	n.a.	T 27
F 28	11 12 1	19°29'06	6♎23	20°23	6°45	13°51	24°27	14°22	20°32	14°49	10°46	24°26	26° 1	4°31	n.a.	F 28
S 29	11 15 57	20°26'43	19°43	19°47	7°26	14°27	24°41	14°29	20°33	14°50	10°47	24°D24	25°58	4°38	n.a.	S 29
S 30	11 19 54	21°24'19	2♏40	19°11	8° 7	15° 2	24°55	14°37	20°33	14°50	10°48	24°24	25°55	4°45	n.a.	S 30
M31	11 23 50	22♓21'53	15♏17	18♓35	8♒50	15♉37	25♒ 8	14♈44	20♐34	14♊51	10♉50	24♈26	25♈52	4♑52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 0	3s36	1n15	5s34	1n54	14s26	6n41	12n 9	1n11	16s53	1s15	2n34	2s 9	23s51	0s19	22n38	0s25	11n 0	4s29	10n15	10n47	28s33		n.a.
S 2	13 41	9 41	0 7	4 51	2 4	14 38	6 30	12 22	1 12	16 49	1 15	2 37	2 9	23 51	0 19	22 38	0 25	11 0	4 29	10 15	10 45	28 33		n.a.
M 3	13 21	15 13	1s 0	4 10	2 14	14 50	6 19	12 35	1 12	16 44	1 15	2 39	2 9	23 51	0 19	22 38	0 25	11 0	4 29	10 15	10 44	28 34		n.a.
T 4	13 1	19 59	2 3	3 31	2 24	15 1	6 8	12 47	1 12	16 40	1 15	2 42	2 9	23 52	0 19	22 38	0 25	11 1	4 29	10 15	10 43	28 34		n.a.
W 5	12 40	23 51	2 59	2 54	2 33	15 12	5 57	13 0	1 12	16 35	1 15	2 45	2 8	23 52	0 19	22 38	0 25	11 1	4 29	10 15	10 42	28 34		n.a.
T 6	12 20	26 39	3 46	2 21	2 41	15 23	5 46	13 12	1 13	16 31	1 15	2 48	2 8	23 52	0 19	22 38	0 25	11 1	4 29	10 15	10 41	28 34		n.a.
F 7	11 59	28 14	4 23	1 49	2 48	15 33	5 34	13 25	1 13	16 26	1 15	2 50	2 8	23 52	0 19	22 38	0 25	11 2	4 29	10 14	10 40	28 35		n.a.
S 8	11 38	28 32	4 50	1 21	2 55	15 43	5 23	13 37	1 13	16 21	1 15	2 53	2 8	23 52	0 19	22 38	0 25	11 2	4 28	10 12	10 38	28 35		n.a.
S 9	11 17	27 30	5 3	0 56	3 1	15 52	5 11	13 50	1 13	16 17	1 15	2 56	2 8	23 52	0 19	22 38	0 25	11 2	4 28	10 9	10 37	28 35		n.a.
M10	10 56	25 11	5 4	0 34	3 5	16 1	5 0	14 2	1 13	16 12	1 15	2 59	2 7	23 52	0 19	22 38	0 25	11 3	4 28	10 5	10 36	28 35		n.a.
T 11	10 35	21 42	4 50	0 14	3 9	16 9	4 49	14 14	1 14	16 8	1 15	3 2	2 7	23 53	0 19	22 38	0 25	11 3	4 28	10 2	10 35	28 36		n.a.
W12	10 13	17 13	4 23	0n 2	3 12	16 17	4 37	14 26	1 14	16 3	1 15	3 4	2 7	23 53	0 19	22 38	0 25	11 3	4 28	9 58	10 34	28 36		n.a.
T 13	9 52	11 56	3 42	0 14	3 13	16 24	4 26	14 39	1 14	15 59	1 15	3 7	2 7	23 53	0 19	22 38	0 25	11 4	4 28	9 55	10 33	28 36		n.a.
F 14	9 30	6 4	2 50	0 24	3 14	16 31	4 15	14 51	1 14	15 54	1 15	3 10	2 7	23 53	0 19	22 38	0 25	11 4	4 27	9 53	10 31	28 36		n.a.
S 15	9 8	0n 9	1 48	0 30	3 13	16 38	4 4	15 3	1 14	15 50	1 15	3 13	2 7	23 53	0 19	22 38	0 25	11 4	4 27	9 51	10 30	28 36		n.a.
S 16	8 46	6 27	0 39	0 32	3 11	16 43	3 53	15 15	1 15	15 45	1 15	3 16	2 6	23 53	0 19	22 38	0 25	11 5	4 27	9 50	10 29	28 37		n.a.
M17	8 24	12 35	0n33	0 32	3 8	16 49	3 42	15 26	1 15	15 40	1 16	3 19	2 6	23 53	0 19	22 38	0 25	11 5	4 27	9 50	10 28	28 37		n.a.
T 18	8 2	18 13	1 45	0 28	3 3	16 53	3 32	15 38	1 15	15 36	1 16	3 22	2 6	23 54	0 19	22 38	0 25	11 6	4 27	9 51	10 27	28 37		n.a.
W19	7 39	23 0	2 51	0 20	2 58	16 57	3 21	15 50	1 15	15 31	1 16	3 25	2 6	23 54	0 19	22 38	0 25	11 6	4 27	9 51	10 26	28 37		n.a.
T 20	7 17	26 31	3 48	0 10	2 50	17 1	3 11	16 2	1 15	15 27	1 16	3 28	2 6	23 54	0 19	22 38	0 25	11 6	4 27	9 51	10 24	28 37		n.a.
F 21	6 54	28 26	4 33	0s 4	2 42	17 4	3 1	16 13	1 15	15 22	1 16	3 31	2 6	23 54	0 19	22 38	0 25	11 7	4 26	9 51	10 23	28 37		n.a.
S 22	6 32	28 27	5 0	0 20	2 32	17 6	2 51	16 25	1 16	15 18	1 16	3 34	2 5	23 54	0 19	22 38	0 25	11 7	4 26	9 50	10 22	28 38		n.a.
S 23	6 9	26 32	5 9	0 40	2 22	17 8	2 41	16 36	1 16	15 13	1 16	3 37	2 5	23 54	0 19	22 38	0 25	11 8	4 26	9 48	10 21	28 38		n.a.
M24	5 46	22 53	4 59	1 1	2 10	17 9	2 31	16 47	1 16	15 9	1 16	3 40	2 5	23 54	0 19	22 38	0 25	11 8	4 26	9 46	10 20	28 38		n.a.
T 25	5 24	17 52	4 29	1 25	1 57	17 10	2 21	16 59	1 16	15 4	1 16	3 43	2 5	23 54	0 19	22 38	0 25	11 8	4 26	9 44	10 19	28 38		n.a.
W26	5 1	11 54	3 43	1 51	1 43	17 10	2 12	17 10	1 16	14 59	1 16	3 46	2 5	23 54	0 19	22 38	0 25	11 9	4 26	9 42	10 17	28 38		n.a.
T 27	4 38	5 27	2 44	2 18	1 28	17 9	2 3	17 21	1 16	14 55	1 16	3 49	2 5	23 54	0 19	22 38	0 24	11 9	4 26	9 40	10 16	28 38		n.a.
F 28	4 15	1s 7	1 37	2 47	1 12	17 8	1 54	17 32	1 16	14 50	1 17	3 52	2 4	23 54	0 19	22 39	0 24	11 10	4 25	9 39	10 15	28 38		n.a.
S 29	3 52	7 28	0 26	3 16	0 56	17 6	1 45	17 43	1 16	14 46	1 17	3 55	2 4	23 55	0 20	22 39	0 24	11 10	4 25	9 39	10 14	28 38		n.a.
S 30	3 29	13 21	0s45	3 46	0 40	17 4	1 36	17 54	1 17	14 41	1 17	3 58	2 4	23 55	0 20	22 39	0 24	11 11	4 25	9 39	10 13	28 38		n.a.
M31	3s 5	18s32	1s52	4s15	0n23	17s 1	1n27	18n 4	1n17	14s37	1s17	4n 1	2s 4	23s55	0s20	22n39	0s24	11n11	4s25	9n39	10n11	28s38		n.a.

Julian Day Number = 978198.5, Delta T = 13h17m03s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'31, Lahiri = -32°00'31 Julian Calendar 1 March 2035 BCE == Greg. Calendar 12 Feb. 2035 BCE

The year -2034 astronomical counting style corresponds to year 2035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

APRIL 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 27 47	23♓19'27	27♏37	18°R 1	9♒34	16♉13	25♒21	14♈52	20♐35	14♊52	10♉51	24♈27	25♈48	4♑58	n.a.	T 1
W 2	11 31 43	24°16'59	9♐43	17♓28	10°18	16°48	25°35	15° 0	20°35	14°52	10°52	24°29	25°45	5° 5	n.a.	W 2
T 3	11 35 40	25°14'30	21°40	16°58	11° 4	17°24	25°48	15° 7	20°36	14°53	10°53	24°R30	25°42	5°12	n.a.	T 3
F 4	11 39 36	26°12'00	3♑33	16°31	11°50	17°59	26° 2	15°15	20°36	14°54	10°54	24°29	25°39	5°18	n.a.	F 4
S 5	11 43 33	27° 9'29	15°26	16° 6	12°37	18°35	26°15	15°23	20°36	14°54	10°55	24°28	25°36	5°25	n.a.	S 5
S 6	11 47 29	28° 6'57	27°25	15°46	13°25	19°11	26°28	15°30	20°37	14°55	10°56	24°26	25°33	5°32	n.a.	S 6
M 7	11 51 26	29° 4'24	9♒32	15°29	14°13	19°46	26°41	15°38	20°37	14°56	10°57	24°22	25°29	5°39	n.a.	M 7
T 8	11 55 23	0♈ 1'50	21°52	15°16	15° 3	20°22	26°54	15°46	20°37	14°57	10°58	24°18	25°26	5°45	n.a.	T 8
W 9	11 59 19	0°59'15	4♓26	15° 7	15°53	20°58	27° 7	15°54	20°37	14°58	11° 0	24°15	25°23	5°52	n.a.	W 9
T 10	12 3 16	1°56'39	17°17	15°D 3	16°43	21°34	27°20	16° 1	20°38	14°58	11° 1	24°11	25°20	5°59	n.a.	T 10
F 11	12 7 12	2°54'02	0♈23	15° 3	17°34	22° 9	27°33	16° 9	20°38	14°59	11° 2	24° 9	25°17	6° 5	n.a.	F 11
S 12	12 11 9	3°51'23	13°46	15° 8	18°26	22°45	27°46	16°17	20°R38	15° 0	11° 3	24° 8	25°13	6°12	n.a.	S 12
S 13	12 15 5	4°48'44	27°22	15°18	19°19	23°21	27°59	16°25	20°38	15° 1	11° 4	24°D 7	25°10	6°19	n.a.	S 13
M14	12 19 2	5°46'03	11♉11	15°31	20°12	23°57	28°12	16°33	20°38	15° 2	11° 6	24° 8	25° 7	6°26	n.a.	M14
T 15	12 22 58	6°43'21	25°10	15°50	21° 5	24°33	28°25	16°41	20°38	15° 3	11° 7	24° 9	25° 4	6°32	n.a.	T 15
W16	12 26 55	7°40'38	9♊16	16°12	22° 0	25° 9	28°37	16°48	20°37	15° 4	11° 8	24°10	25° 1	6°39	n.a.	W16
T 17	12 30 52	8°37'54	23°27	16°39	22°54	25°45	28°50	16°56	20°37	15° 5	11° 9	24°11	24°58	6°46	n.a.	T 17
F 18	12 34 48	9°35'09	7♋41	17°11	23°49	26°21	29° 2	17° 4	20°37	15° 6	11°11	24°R12	24°54	6°52	n.a.	F 18
S 19	12 38 45	10°32'22	21°55	17°46	24°45	26°57	29°15	17°12	20°37	15° 8	11°12	24°11	24°51	6°59	n.a.	S 19
S 20	12 42 41	11°29'35	6♌ 6	18°25	25°41	27°33	29°27	17°20	20°36	15° 9	11°13	24°11	24°48	7° 6	n.a.	S 20
M21	12 46 38	12°26'46	20°13	19° 8	26°37	28°10	29°39	17°28	20°36	15°10	11°15	24° 9	24°45	7°13	n.a.	M21
T 22	12 50 34	13°23'56	4♍12	19°56	27°34	28°46	29°51	17°36	20°35	15°11	11°16	24° 8	24°42	7°19	n.a.	T 22
W23	12 54 31	14°21'05	18° 0	20°46	28°32	29°22	0♓ 4	17°44	20°35	15°12	11°17	24° 7	24°39	7°26	n.a.	W23
T 24	12 58 28	15°18'13	1♎34	21°41	29°29	29°58	0°16	17°52	20°34	15°14	11°19	24° 6	24°35	7°33	n.a.	T 24
F 25	13 2 24	16°15'21	14°54	22°39	0♓28	0♊34	0°28	18° 0	20°34	15°15	11°20	24° 5	24°32	7°39	n.a.	F 25
S 26	13 6 21	17°12'27	27°57	23°41	1°26	1°11	0°40	18° 8	20°33	15°16	11°21	24°D 5	24°29	7°46	n.a.	S 26
S 27	13 10 17	18° 9'34	10♏44	24°46	2°25	1°47	0°51	18°16	20°33	15°18	11°23	24° 6	24°26	7°53	n.a.	S 27
M28	13 14 14	19° 6'39	23°15	25°54	3°24	2°23	1° 3	18°23	20°32	15°19	11°24	24° 6	24°23	8° 0	n.a.	M28
T 29	13 18 10	20° 3'45	5♐32	27° 6	4°24	3° 0	1°15	18°31	20°31	15°21	11°26	24° 7	24°19	8° 6	n.a.	T 29
W30	13 22 7	21♈ 0'50	17♐37	28♓21	5♓24	3♊36	1♓26	18♈39	20♐30	15♊22	11♉27	24♈ 7	24♈16	8♑13	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s42	22s49	2s51	4s44	0n 6	16s57	1n19	18n15	1n17	14s32	1s17	4n 4	2s 4	23s55	0s20	22n39	0s24	11n12	4s25	9n40	10n10	28s38		n.a.
W 2	2 19	26 2	3 43	5 13	0s11	16 53	1 11	18 26	1 17	14 28	1 17	4 8	2 4	23 55	0 20	22 39	0 24	11 12	4 25	9 41	10 9	28 39		n.a.
T 3	1 56	28 2	4 23	5 40	0 27	16 48	1 3	18 36	1 17	14 23	1 17	4 11	2 4	23 55	0 20	22 39	0 24	11 12	4 25	9 41	10 8	28 39		n.a.
F 4	1 32	28 45	4 53	6 6	0 43	16 43	0 55	18 46	1 17	14 19	1 17	4 14	2 4	23 55	0 20	22 39	0 24	11 13	4 25	9 41	10 7	28 39		n.a.
S 5	1 9	28 8	5 9	6 30	0 59	16 37	0 47	18 57	1 17	14 14	1 17	4 17	2 4	23 55	0 20	22 39	0 24	11 13	4 24	9 40	10 6	28 39		n.a.
S 6	0 46	26 12	5 13	6 52	1 14	16 30	0 40	19 7	1 17	14 10	1 18	4 20	2 3	23 55	0 20	22 39	0 24	11 14	4 24	9 39	10 4	28 39		n.a.
M 7	0 23	23 4	5 2	7 12	1 29	16 23	0 32	19 17	1 17	14 5	1 18	4 23	2 3	23 55	0 20	22 40	0 24	11 14	4 24	9 38	10 3	28 39		n.a.
T 8	0n 1	18 52	4 38	7 29	1 42	16 15	0 25	19 27	1 17	14 1	1 18	4 26	2 3	23 55	0 20	22 40	0 24	11 15	4 24	9 37	10 2	28 39		n.a.
W 9	0 24	13 47	4 0	7 44	1 55	16 7	0 18	19 37	1 18	13 56	1 18	4 29	2 3	23 55	0 20	22 40	0 24	11 15	4 24	9 35	10 1	28 39		n.a.
T 10	0 47	8 1	3 9	7 57	2 7	15 58	0 11	19 46	1 18	13 52	1 18	4 33	2 3	23 55	0 20	22 40	0 24	11 16	4 24	9 34	10 0	28 39		n.a.
F 11	1 11	1 46	2 7	8 7	2 18	15 49	0 4	19 56	1 18	13 47	1 18	4 36	2 3	23 55	0 20	22 40	0 24	11 16	4 24	9 33	9 58	28 39		n.a.
S 12	1 34	4n40	0 57	8 14	2 28	15 39	0s 2	20 5	1 18	13 43	1 18	4 39	2 3	23 55	0 20	22 40	0 24	11 17	4 24	9 33	9 57	28 38		n.a.
S 13	1 57	11 2	0n18	8 19	2 37	15 28	0 8	20 15	1 18	13 39	1 19	4 42	2 3	23 55	0 20	22 40	0 24	11 17	4 23	9 33	9 56	28 38		n.a.
M14	2 20	16 57	1 33	8 21	2 45	15 17	0 15	20 24	1 18	13 34	1 19	4 45	2 3	23 55	0 20	22 40	0 24	11 18	4 23	9 33	9 55	28 38		n.a.
T 15	2 43	22 5	2 43	8 20	2 52	15 5	0 21	20 33	1 18	13 30	1 19	4 48	2 3	23 55	0 20	22 41	0 24	11 18	4 23	9 33	9 54	28 38		n.a.
W16	3 6	25 59	3 44	8 17	2 58	14 53	0 26	20 42	1 18	13 25	1 19	4 51	2 2	23 55	0 20	22 41	0 24	11 19	4 23	9 34	9 53	28 38		n.a.
T 17	3 29	28 17	4 32	8 11	3 4	14 40	0 32	20 51	1 18	13 21	1 19	4 55	2 2	23 55	0 20	22 41	0 24	11 19	4 23	9 34	9 51	28 38		n.a.
F 18	3 52	28 44	5 3	8 2	3 8	14 27	0 38	21 0	1 18	13 17	1 19	4 58	2 2	23 55	0 20	22 41	0 24	11 20	4 23	9 34	9 50	28 38		n.a.
S 19	4 15	27 17	5 15	7 51	3 11	14 13	0 43	21 9	1 18	13 13	1 19	5 1	2 2	23 55	0 20	22 41	0 24	11 20	4 23	9 34	9 49	28 38		n.a.
S 20	4 38	24 6	5 9	7 38	3 14	13 59	0 48	21 17	1 18	13 8	1 20	5 4	2 2	23 55	0 20	22 41	0 24	11 21	4 23	9 34	9 48	28 38		n.a.
M21	5 1	19 31	4 44	7 22	3 15	13 44	0 53	21 26	1 18	13 4	1 20	5 7	2 2	23 55	0 20	22 41	0 24	11 21	4 23	9 33	9 47	28 38		n.a.
T 22	5 24	13 55	4 2	7 4	3 16	13 28	0 58	21 34	1 18	13 0	1 20	5 10	2 2	23 55	0 20	22 42	0 24	11 22	4 23	9 33	9 45	28 38		n.a.
W23	5 46	7 41	3 7	6 43	3 16	13 13	1 3	21 42	1 18	12 56	1 20	5 13	2 2	23 55	0 20	22 42	0 24	11 22	4 22	9 32	9 44	28 37		n.a.
T 24	6 9	1 13	2 1	6 20	3 15	12 56	1 8	21 50	1 18	12 51	1 20	5 16	2 2	23 55	0 20	22 42	0 24	11 23	4 22	9 32	9 43	28 37		n.a.
F 25	6 31	5s13	0 51	5 55	3 13	12 39	1 12	21 58	1 18	12 47	1 20	5 20	2 2	23 55	0 20	22 42	0 24	11 23	4 22	9 32	9 42	28 37		n.a.
S 26	6 53	11 18	0s21	5 28	3 11	12 22	1 16	22 6	1 18	12 43	1 21	5 23	2 2	23 55	0 20	22 42	0 24	11 24	4 22	9 32	9 41	28 37		n.a.
S 27	7 16	16 47	1 31	4 59	3 8	12 5	1 21	22 13	1 18	12 39	1 21	5 26	2 2	23 55	0 20	22 42	0 24	11 24	4 22	9 32	9 39	28 37		n.a.
M28	7 38	21 27	2 35	4 28	3 4	11 46	1 25	22 21	1 18	12 35	1 21	5 29	2 2	23 55	0 20	22 43	0 24	11 25	4 22	9 32	9 38	28 37		n.a.
T 29	8 0	25 6	3 30	3 54	2 59	11 28	1 29	22 28	1 18	12 31	1 21	5 32	2 2	23 55	0 20	22 43	0 24	11 25	4 22	9 32	9 37	28 36		n.a.
W30	8n22	27s34	4s15	3s19	2s54	11s 9	1s32	22n35	1n18	12s27	1s21	5n35	2s 2	23s55	0s20	22n43	0s24	11n26	4s22	9n32	9n36	28s36		n.a.

Julian Day Number = 978229.5, Delta T = 13h17m01s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'27, Lahiri = -32°00'26 Julian Calendar 1 Apr. 2035 BCE == Greg. Calendar 15 March 2035 BCE

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

MAY 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 26 3	21♈57'55	29♐35	29♓39	6♓24	4♊13	1♓38	18♈47	20°R29	15♊23	11♉28	24♈ 7	24♈13	8♑20	n.a.	T 1
F 2	13 30 0	22°55'00	11♑29	1♈ 1	7°25	4°49	1°49	18°55	20♐28	15°25	11°30	24° 7	24°10	8°26	n.a.	F 2
S 3	13 33 57	23°52'04	23°22	2°25	8°26	5°26	2° 1	19° 3	20°28	15°26	11°31	24° 7	24° 7	8°33	n.a.	S 3
S 4	13 37 53	24°49'08	5♒21	3°53	9°27	6° 2	2°12	19°11	20°27	15°28	11°33	24° 7	24° 4	8°40	n.a.	S 4
M 5	13 41 50	25°46'13	17°30	5°24	10°28	6°39	2°23	19°19	20°26	15°30	11°34	24° 7	24° 0	8°47	n.a.	M 5
T 6	13 45 46	26°43'17	29°52	6°58	11°30	7°15	2°34	19°27	20°24	15°31	11°36	24° 8	23°57	8°53	n.a.	T 6
W 7	13 49 43	27°40'21	12♓31	8°34	12°32	7°52	2°45	19°35	20°23	15°33	11°37	24° 8	23°54	9° 0	n.a.	W 7
T 8	13 53 39	28°37'25	25°29	10°14	13°35	8°29	2°56	19°43	20°22	15°34	11°38	24° 8	23°51	9° 7	n.a.	T 8
F 9	13 57 36	29°34'29	8♈49	11°57	14°37	9° 5	3° 7	19°51	20°21	15°36	11°40	24° 9	23°48	9°14	n.a.	F 9
S 10	14 1 32	0♉31'33	22°30	13°43	15°40	9°42	3°17	19°58	20°20	15°38	11°41	24°R 9	23°45	9°20	n.a.	S 10
S 11	14 5 29	1°28'37	6♉30	15°31	16°43	10°19	3°28	20° 6	20°18	15°39	11°43	24° 9	23°41	9°27	n.a.	S 11
M12	14 9 26	2°25'40	20°45	17°22	17°46	10°56	3°38	20°14	20°17	15°41	11°44	24° 8	23°38	9°34	n.a.	M12
T 13	14 13 22	3°22'44	5♊11	19°16	18°50	11°32	3°49	20°22	20°16	15°43	11°46	24° 7	23°35	9°40	n.a.	T 13
W14	14 17 19	4°19'47	19°42	21°12	19°53	12° 9	3°59	20°30	20°14	15°45	11°47	24° 6	23°32	9°47	n.a.	W14
T 15	14 21 15	5°16'51	4♋13	23°11	20°57	12°46	4° 9	20°38	20°13	15°46	11°49	24° 5	23°29	9°54	n.a.	T 15
F 16	14 25 12	6°13'54	18°39	25°12	22° 2	13°23	4°19	20°45	20°11	15°48	11°50	24° 4	23°25	10° 1	n.a.	F 16
S 17	14 29 8	7°10'57	2♌56	27°15	23° 6	14° 0	4°29	20°53	20°10	15°50	11°52	24°D 4	23°22	10° 7	n.a.	S 17
S 18	14 33 5	8° 7'59	17° 0	29°20	24°10	14°37	4°39	21° 1	20° 8	15°52	11°53	24° 4	23°19	10°14	n.a.	S 18
M19	14 37 2	9° 5'01	0♍52	1♉26	25°15	15°14	4°49	21° 9	20° 7	15°54	11°55	24° 4	23°16	10°21	n.a.	M19
T 20	14 40 58	10° 2'04	14°29	3°33	26°20	15°51	4°58	21°16	20° 5	15°55	11°56	24° 6	23°13	10°27	n.a.	T 20
W21	14 44 55	10°59'06	27°53	5°42	27°25	16°28	5° 8	21°24	20° 3	15°57	11°58	24° 7	23°10	10°34	n.a.	W21
T 22	14 48 51	11°56'08	11♎ 3	7°51	28°30	17° 5	5°17	21°32	20° 2	15°59	11°59	24° 8	23° 6	10°41	n.a.	T 22
F 23	14 52 48	12°53'10	23°59	10° 0	29°36	17°42	5°26	21°39	20° 0	16° 1	12° 1	24°R 8	23° 3	10°48	n.a.	F 23
S 24	14 56 44	13°50'12	6♏43	12°10	0♈42	18°19	5°36	21°47	19°58	16° 3	12° 2	24° 8	23° 0	10°54	n.a.	S 24
S 25	15 0 41	14°47'15	19°14	14°19	1°47	18°57	5°45	21°54	19°57	16° 5	12° 4	24° 6	22°57	11° 1	n.a.	S 25
M26	15 4 38	15°44'19	1♐35	16°28	2°53	19°34	5°53	22° 2	19°55	16° 7	12° 5	24° 4	22°54	11° 8	n.a.	M26
T 27	15 8 34	16°41'22	13°45	18°37	4° 0	20°11	6° 2	22° 9	19°53	16° 9	12° 7	24° 0	22°50	11°15	n.a.	T 27
W28	15 12 31	17°38'27	25°47	20°44	5° 6	20°48	6°11	22°17	19°51	16°11	12° 8	23°57	22°47	11°21	n.a.	W28
T 29	15 16 27	18°35'32	7♑42	22°51	6°12	21°26	6°19	22°24	19°49	16°13	12°10	23°53	22°44	11°28	n.a.	T 29
F 30	15 20 24	19°32'38	19°35	24°56	7°19	22° 3	6°28	22°32	19°47	16°15	12°11	23°50	22°41	11°35	n.a.	F 30
S 31	15 24 20	20♉29'44	1♒28	27♉ 0	8♈26	22♊40	6♓36	22♈39	19♐45	16♊17	12♉13	23♈47	22♈38	11♑41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	8n44	28s44	4s48	2s42	2s48	10s49	1s36	22n42	1n18	12s23	1s22	5n38	2s 2	23s55	0s20	22n43	0s24	11n26	4s22	9n32	9n35	28s36			n.a.
F 2	9 5	28 33	5 9	2 3	2 42	10 30	1 39	22 49	1 18	12 19	1 22	5 41	2 2	23 55	0 20	22 43	0 24	11 27	4 22	9 33	9 33	28 36			n.a.
S 3	9 27	27 3	5 17	1 22	2 35	10 9	1 43	22 56	1 18	12 15	1 22	5 44	2 1	23 55	0 20	22 44	0 24	11 27	4 21	9 33	9 32	28 36			n.a.
S 4	9 48	24 20	5 11	0 40	2 27	9 49	1 46	23 2	1 18	12 11	1 22	5 48	2 1	23 55	0 20	22 44	0 24	11 28	4 21	9 33	9 31	28 35			n.a.
M 5	10 9	20 30	4 51	0n 4	2 19	9 28	1 49	23 9	1 18	12 7	1 22	5 51	2 1	23 55	0 20	22 44	0 23	11 29	4 21	9 33	9 30	28 35			n.a.
T 6	10 31	15 45	4 17	0 50	2 10	9 6	1 52	23 15	1 18	12 3	1 22	5 54	2 1	23 55	0 20	22 44	0 23	11 29	4 21	9 33	9 29	28 35			n.a.
W 7	10 51	10 14	3 31	1 37	2 1	8 45	1 54	23 21	1 18	11 59	1 23	5 57	2 1	23 55	0 20	22 44	0 23	11 30	4 21	9 33	9 28	28 35			n.a.
T 8	11 12	4 9	2 32	2 26	1 52	8 23	1 57	23 27	1 18	11 55	1 23	6 0	2 1	23 55	0 20	22 45	0 23	11 30	4 21	9 33	9 26	28 34			n.a.
F 9	11 33	2n17	1 24	3 16	1 42	8 0	1 59	23 33	1 18	11 51	1 23	6 3	2 1	23 55	0 21	22 45	0 23	11 31	4 21	9 33	9 25	28 34			n.a.
S 10	11 53	8 47	0 9	4 7	1 31	7 38	2 2	23 39	1 18	11 48	1 23	6 6	2 1	23 55	0 21	22 45	0 23	11 31	4 21	9 33	9 24	28 34			n.a.
S 11	12 14	15 2	1n 8	5 0	1 21	7 14	2 4	23 44	1 18	11 44	1 24	6 9	2 1	23 55	0 21	22 45	0 23	11 32	4 21	9 33	9 23	28 34			n.a.
M12	12 34	20 35	2 22	5 53	1 10	6 51	2 6	23 50	1 18	11 40	1 24	6 12	2 1	23 54	0 21	22 45	0 23	11 32	4 21	9 33	9 22	28 33			n.a.
T 13	12 54	25 1	3 28	6 47	0 59	6 28	2 8	23 55	1 18	11 37	1 24	6 15	2 1	23 54	0 21	22 46	0 23	11 33	4 21	9 33	9 20	28 33			n.a.
W14	13 13	27 51	4 21	7 42	0 48	6 4	2 10	24 0	1 18	11 33	1 24	6 18	2 1	23 54	0 21	22 46	0 23	11 33	4 21	9 32	9 19	28 33			n.a.
T 15	13 33	28 49	4 57	8 38	0 36	5 40	2 11	24 5	1 18	11 29	1 24	6 21	2 1	23 54	0 21	22 46	0 23	11 34	4 21	9 32	9 18	28 32			n.a.
F 16	13 52	27 47	5 14	9 33	0 25	5 15	2 13	24 10	1 18	11 26	1 25	6 24	2 1	23 54	0 21	22 46	0 23	11 34	4 21	9 31	9 17	28 32			n.a.
S 17	14 11	24 57	5 12	10 29	0 14	4 50	2 14	24 14	1 18	11 22	1 25	6 27	2 1	23 54	0 21	22 46	0 23	11 35	4 20	9 31	9 16	28 32			n.a.
S 18	14 30	20 40	4 51	11 25	0 3	4 26	2 16	24 19	1 18	11 19	1 25	6 30	2 1	23 54	0 21	22 47	0 23	11 35	4 20	9 31	9 14	28 31			n.a.
M19	14 49	15 19	4 13	12 20	0n 8	4 0	2 17	24 23	1 18	11 16	1 25	6 33	2 1	23 54	0 21	22 47	0 23	11 36	4 20	9 31	9 13	28 31			n.a.
T 20	15 7	9 19	3 22	13 15	0 19	3 35	2 18	24 27	1 18	11 12	1 26	6 36	2 1	23 54	0 21	22 47	0 23	11 36	4 20	9 32	9 12	28 31			n.a.
W21	15 26	2 59	2 20	14 9	0 29	3 10	2 19	24 31	1 18	11 9	1 26	6 38	2 1	23 54	0 21	22 47	0 23	11 37	4 20	9 32	9 11	28 30			n.a.
T 22	15 44	3s22	1 12	15 1	0 39	2 44	2 20	24 35	1 18	11 6	1 26	6 41	2 1	23 54	0 21	22 48	0 23	11 37	4 20	9 33	9 10	28 30			n.a.
F 23	16 1	9 29	0 1	15 53	0 48	2 18	2 20	24 38	1 18	11 2	1 26	6 44	2 1	23 53	0 21	22 48	0 23	11 38	4 20	9 33	9 8	28 30			n.a.
S 24	16 19	15 7	1s 9	16 42	0 57	1 52	2 21	24 42	1 18	10 59	1 27	6 47	2 1	23 53	0 21	22 48	0 23	11 38	4 20	9 33	9 7	28 29			n.a.
S 25	16 36	20 2	2 14	17 30	1 6	1 26	2 21	24 45	1 17	10 56	1 27	6 50	2 1	23 53	0 21	22 48	0 23	11 39	4 20	9 32	9 6	28 29			n.a.
M26	16 53	24 1	3 11	18 16	1 13	0 59	2 22	24 48	1 17	10 53	1 27	6 53	2 1	23 53	0 21	22 48	0 23	11 39	4 20	9 31	9 5	28 28			n.a.
T 27	17 10	26 53	4 0	19 0	1 20	0 33	2 22	24 51	1 17	10 50	1 27	6 55	2 2	23 53	0 21	22 49	0 23	11 40	4 20	9 30	9 4	28 28			n.a.
W28	17 26	28 28	4 36	19 42	1 27	0 6	2 22	24 53	1 17	10 47	1 28	6 58	2 2	23 53	0 21	22 49	0 23	11 40	4 20	9 29	9 2	28 27			n.a.
T 29	17 43	28 42	5 1	20 21	1 33	0n21	2 22	24 56	1 17	10 44	1 28	7 1	2 2	23 53	0 21	22 49	0 23	11 41	4 20	9 27	9 1	28 27			n.a.
F 30	17 59	27 37	5 12	20 58	1 38	0 48	2 22	24 58	1 17	10 41	1 28	7 4	2 2	23 53	0 21	22 49	0 23	11 41	4 20	9 26	9 0	28 27			n.a.
S 31	18n14	25s16	5s10	21n33	1n42	1n15	2s22	25n 0	1n17	10s38	1s28	7n 7	2s 2	23s52	0s21	22n50	0s23	11n42	4s20	9n25	8n59	28s26			n.a.

Julian Day Number = 978259.5, Delta T = 13h16m59s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'23, Lahiri = -32°00'22 Julian Calendar 1 May 2035 BCE == Greg. Calendar 14 Apr. 2035 BCE

The year -2034 astronomical counting style corresponds to year 2035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

JUNE 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 28 17	21♉26'51	13♒26	29♉ 3	9♈33	23♊18	6♓44	22♈46	19°R43	16♊19	12♉14	23°R46	22♈35	11♑48	n.a.	S 1
M 2	15 32 14	22°24'00	25°32	1♊ 4	10°40	23°55	6°52	22°54	19♐41	16°21	12°16	23°D45	22°31	11°55	n.a.	M 2
T 3	15 36 10	23°21'09	7♓52	3° 3	11°47	24°33	7° 0	23° 1	19°39	16°23	12°17	23♈46	22°28	12° 2	n.a.	T 3
W 4	15 40 7	24°18'19	20°30	5° 1	12°54	25°10	7° 8	23° 8	19°37	16°25	12°19	23°48	22°25	12° 8	n.a.	W 4
T 5	15 44 3	25°15'30	3♈30	6°57	14° 2	25°48	7°15	23°15	19°35	16°27	12°20	23°49	22°22	12°15	n.a.	T 5
F 6	15 48 0	26°12'42	16°55	8°52	15°10	26°25	7°23	23°22	19°33	16°29	12°21	23°R50	22°19	12°22	n.a.	F 6
S 7	15 51 56	27° 9'54	0♉45	10°44	16°17	27° 3	7°30	23°29	19°31	16°32	12°23	23°50	22°16	12°28	n.a.	S 7
S 8	15 55 53	28° 7'08	15° 0	12°35	17°25	27°41	7°37	23°36	19°29	16°34	12°24	23°49	22°12	12°35	n.a.	S 8
M 9	15 59 49	29° 4'23	29°36	14°25	18°33	28°18	7°44	23°43	19°26	16°36	12°26	23°46	22° 9	12°42	n.a.	M 9
T 10	16 3 46	0♊ 1'39	14♊27	16°12	19°42	28°56	7°51	23°50	19°24	16°38	12°27	23°41	22° 6	12°49	n.a.	T 10
W11	16 7 43	0°58'56	29°24	17°58	20°50	29°34	7°57	23°57	19°22	16°40	12°29	23°36	22° 3	12°55	n.a.	W11
T 12	16 11 39	1°56'14	14♋18	19°42	21°58	0♋12	8° 4	24° 4	19°20	16°42	12°30	23°30	22° 0	13° 2	n.a.	T 12
F 13	16 15 36	2°53'32	29° 3	21°25	23° 7	0°49	8°10	24°11	19°17	16°44	12°32	23°26	21°56	13° 9	n.a.	F 13
S 14	16 19 32	3°50'51	13♌31	23° 5	24°15	1°27	8°16	24°18	19°15	16°47	12°33	23°23	21°53	13°16	n.a.	S 14
S 15	16 23 29	4°48'11	27°39	24°45	25°24	2° 5	8°22	24°25	19°13	16°49	12°34	23°21	21°50	13°22	n.a.	S 15
M16	16 27 25	5°45'31	11♍25	26°22	26°33	2°43	8°28	24°31	19°11	16°51	12°36	23°D21	21°47	13°29	n.a.	M16
T 17	16 31 22	6°42'52	24°52	27°57	27°42	3°21	8°34	24°38	19° 8	16°53	12°37	23°22	21°44	13°36	n.a.	T 17
W18	16 35 19	7°40'14	7♎59	29°31	28°51	3°59	8°40	24°44	19° 6	16°55	12°39	23°23	21°41	13°42	n.a.	W18
T 19	16 39 15	8°37'37	20°50	1♋ 3	0♉ 0	4°37	8°45	24°51	19° 4	16°58	12°40	23°R24	21°37	13°49	n.a.	T 19
F 20	16 43 12	9°35'01	3♏28	2°34	1° 9	5°15	8°50	24°57	19° 1	17° 0	12°41	23°23	21°34	13°56	n.a.	F 20
S 21	16 47 8	10°32'26	15°54	4° 3	2°19	5°53	8°55	25° 4	18°59	17° 2	12°43	23°21	21°31	14° 3	n.a.	S 21
S 22	16 51 5	11°29'52	28°11	5°30	3°28	6°31	9° 0	25°10	18°57	17° 4	12°44	23°17	21°28	14° 9	n.a.	S 22
M23	16 55 1	12°27'20	10♐19	6°55	4°38	7° 9	9° 5	25°16	18°54	17° 6	12°45	23°10	21°25	14°16	n.a.	M23
T 24	16 58 58	13°24'49	22°22	8°18	5°48	7°48	9° 9	25°23	18°52	17° 9	12°47	23° 1	21°22	14°23	n.a.	T 24
W25	17 2 54	14°22'19	4♑19	9°40	6°57	8°26	9°14	25°29	18°49	17°11	12°48	22°52	21°18	14°30	n.a.	W25
T 26	17 6 51	15°19'50	16°12	10°59	8° 7	9° 4	9°18	25°35	18°47	17°13	12°49	22°42	21°15	14°36	n.a.	T 26
F 27	17 10 48	16°17'24	28° 4	12°17	9°17	9°42	9°22	25°41	18°45	17°15	12°51	22°33	21°12	14°43	n.a.	F 27
S 28	17 14 44	17°14'58	9♒56	13°33	10°27	10°21	9°26	25°47	18°42	17°18	12°52	22°25	21° 9	14°50	n.a.	S 28
S 29	17 18 41	18°12'35	21°53	14°47	11°38	10°59	9°29	25°53	18°40	17°20	12°53	22°20	21° 6	14°56	n.a.	S 29
M30	17 22 37	19♊10'13	3♓58	15♋58	12♉48	11♋37	9♓33	25♈59	18♐37	17♊22	12♉54	22♈17	21♈ 2	15♑ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n30	21s50	4s55	22n 5	1n46	1n42	2s22	25n 2	1n17	10s35	1s29	7n 9	2s 2	23s52	0s21	22n50	0s23	11n42	4s20	9n24	8n58	28s26		n.a.
M 2	18 45	17 26	4 26	22 34	1 49	2 9	2 21	25 4	1 17	10 32	1 29	7 12	2 2	23 52	0 21	22 50	0 23	11 43	4 20	9 24	8 56	28 25		n.a.
T 3	18 59	12 15	3 45	23 1	1 52	2 36	2 21	25 6	1 17	10 30	1 29	7 15	2 2	23 52	0 21	22 50	0 23	11 43	4 20	9 25	8 55	28 25		n.a.
W 4	19 14	6 28	2 52	23 26	1 53	3 3	2 20	25 7	1 17	10 27	1 29	7 17	2 2	23 52	0 21	22 51	0 23	11 44	4 20	9 25	8 54	28 24		n.a.
T 5	19 28	0 14	1 49	23 48	1 55	3 30	2 20	25 8	1 16	10 24	1 30	7 20	2 2	23 52	0 21	22 51	0 23	11 44	4 20	9 26	8 53	28 24		n.a.
F 6	19 42	6n12	0 38	24 7	1 55	3 58	2 19	25 9	1 16	10 22	1 30	7 23	2 2	23 52	0 21	22 51	0 23	11 45	4 20	9 26	8 52	28 23		n.a.
S 7	19 56	12 33	0n38	24 25	1 55	4 25	2 18	25 10	1 16	10 19	1 30	7 25	2 2	23 51	0 21	22 51	0 23	11 45	4 20	9 26	8 50	28 23		n.a.
S 8	20 9	18 28	1 53	24 40	1 54	4 52	2 17	25 11	1 16	10 17	1 30	7 28	2 2	23 51	0 21	22 51	0 23	11 46	4 19	9 25	8 49	28 22		n.a.
M 9	20 22	23 26	3 2	24 52	1 53	5 20	2 16	25 11	1 16	10 14	1 31	7 30	2 2	23 51	0 21	22 52	0 23	11 46	4 19	9 24	8 48	28 22		n.a.
T 10	20 34	26 59	4 1	25 3	1 51	5 47	2 15	25 11	1 16	10 12	1 31	7 33	2 2	23 51	0 21	22 52	0 23	11 47	4 19	9 23	8 47	28 21		n.a.
W11	20 46	28 39	4 43	25 11	1 49	6 14	2 14	25 12	1 16	10 10	1 31	7 35	2 2	23 51	0 21	22 52	0 23	11 47	4 19	9 21	8 45	28 21		n.a.
T 12	20 58	28 13	5 6	25 17	1 46	6 41	2 12	25 11	1 16	10 8	1 32	7 38	2 2	23 51	0 21	22 52	0 23	11 48	4 19	9 19	8 44	28 20		n.a.
F 13	21 10	25 47	5 8	25 21	1 43	7 8	2 11	25 11	1 16	10 5	1 32	7 40	2 2	23 50	0 21	22 53	0 23	11 48	4 19	9 17	8 43	28 19		n.a.
S 14	21 21	21 44	4 51	25 23	1 39	7 35	2 10	25 11	1 15	10 3	1 32	7 43	2 3	23 50	0 21	22 53	0 23	11 48	4 19	9 16	8 42	28 19		n.a.
S 15	21 32	16 32	4 16	25 24	1 35	8 2	2 8	25 10	1 15	10 1	1 32	7 45	2 3	23 50	0 21	22 53	0 23	11 49	4 19	9 15	8 41	28 18		n.a.
M16	21 42	10 37	3 27	25 23	1 30	8 29	2 7	25 9	1 15	9 59	1 33	7 48	2 3	23 50	0 21	22 53	0 23	11 49	4 19	9 15	8 39	28 18		n.a.
T 17	21 52	4 20	2 28	25 19	1 25	8 56	2 5	25 8	1 15	9 57	1 33	7 50	2 3	23 50	0 21	22 54	0 23	11 50	4 19	9 15	8 38	28 17		n.a.
W18	22 2	1s58	1 22	25 15	1 19	9 22	2 3	25 7	1 15	9 56	1 33	7 52	2 3	23 49	0 21	22 54	0 23	11 50	4 19	9 16	8 37	28 16		n.a.
T 19	22 12	8 5	0 14	25 9	1 13	9 49	2 1	25 6	1 15	9 54	1 34	7 55	2 3	23 49	0 21	22 54	0 23	11 51	4 19	9 16	8 36	28 16		n.a.
F 20	22 21	13 46	0s54	25 1	1 7	10 15	1 59	25 4	1 15	9 52	1 34	7 57	2 3	23 49	0 21	22 54	0 23	11 51	4 19	9 16	8 35	28 15		n.a.
S 21	22 29	18 49	1 58	24 52	1 0	10 41	1 57	25 2	1 14	9 50	1 34	7 59	2 3	23 49	0 21	22 54	0 23	11 51	4 19	9 15	8 33	28 15		n.a.
S 22	22 37	23 1	2 56	24 41	0 53	11 7	1 55	25 0	1 14	9 49	1 35	8 2	2 3	23 49	0 21	22 55	0 23	11 52	4 19	9 13	8 32	28 14		n.a.
M23	22 45	26 10	3 45	24 30	0 45	11 33	1 53	24 58	1 14	9 47	1 35	8 4	2 3	23 49	0 21	22 55	0 23	11 52	4 19	9 11	8 31	28 13		n.a.
T 24	22 53	28 5	4 23	24 17	0 37	11 59	1 51	24 56	1 14	9 46	1 35	8 6	2 4	23 48	0 21	22 55	0 23	11 53	4 19	9 8	8 30	28 13		n.a.
W25	23 0	28 41	4 50	24 3	0 29	12 24	1 49	24 53	1 14	9 44	1 35	8 8	2 4	23 48	0 21	22 55	0 23	11 53	4 19	9 4	8 29	28 12		n.a.
T 26	23 6	27 56	5 3	23 49	0 21	12 49	1 47	24 50	1 14	9 43	1 36	8 10	2 4	23 48	0 21	22 56	0 23	11 53	4 19	9 0	8 27	28 11		n.a.
F 27	23 12	25 55	5 4	23 33	0 12	13 14	1 45	24 47	1 13	9 42	1 36	8 12	2 4	23 48	0 21	22 56	0 23	11 54	4 19	8 57	8 26	28 11		n.a.
S 28	23 18	22 47	4 51	23 16	0 3	13 39	1 42	24 44	1 13	9 41	1 36	8 15	2 4	23 48	0 21	22 56	0 23	11 54	4 19	8 54	8 25	28 10		n.a.
S 29	23 24	18 41	4 26	22 59	0s 6	14 3	1 40	24 41	1 13	9 40	1 37	8 17	2 4	23 47	0 21	22 56	0 23	11 55	4 19	8 52	8 24	28 9		n.a.
M30	23n29	13s47	3s49	22n41	0s16	14n27	1s37	24n37	1n13	9s39	1s37	8n19	2s 4	23s47	0s21	22n57	0s23	11n55	4s19	8n51	8n22	28s 9		n.a.

Julian Day Number = 978290.5, Delta T = 13h16m57s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'19, Lahiri = -32°00'18 Julian Calendar 1 June 2035 BCE == Greg. Calendar 15 May 2035 BCE

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

JULY 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 26 34	20♊ 7'52	16♓15	17♋ 8	13♉58	12♋16	9♓36	26♈ 4	18°R35	17♊24	12♉56	22°D15	20♈59	15♂10	n.a.	T 1
W 2	17 30 30	21° 5'34	28°49	18°15	15° 9	12°54	9°39	26°10	18♐33	17°26	12°57	22♈15	20°56	15°17	n.a.	W 2
T 3	17 34 27	22° 3'17	11♈44	19°20	16°20	13°33	9°42	26°16	18°30	17°29	12°58	22°16	20°53	15°23	n.a.	T 3
F 4	17 38 24	23° 1'03	25° 5	20°22	17°30	14°11	9°45	26°21	18°28	17°31	12°59	22°R16	20°50	15°30	n.a.	F 4
S 5	17 42 20	23°58'50	8♉55	21°22	18°41	14°50	9°47	26°27	18°26	17°33	13° 0	22°15	20°47	15°37	n.a.	S 5
S 6	17 46 17	24°56'39	23°13	22°19	19°52	15°29	9°50	26°32	18°23	17°35	13° 2	22°12	20°43	15°43	n.a.	S 6
M 7	17 50 13	25°54'30	7♊57	23°13	21° 3	16° 7	9°52	26°38	18°21	17°38	13° 3	22° 6	20°40	15°50	n.a.	M 7
T 8	17 54 10	26°52'23	23° 0	24° 5	22°14	16°46	9°54	26°43	18°18	17°40	13° 4	21°58	20°37	15°57	n.a.	T 8
W 9	17 58 6	27°50'17	8♋15	24°53	23°25	17°25	9°55	26°48	18°16	17°42	13° 5	21°49	20°34	16° 4	n.a.	W 9
T 10	18 2 3	28°48'14	23°29	25°37	24°36	18° 4	9°57	26°53	18°14	17°44	13° 6	21°39	20°31	16°10	n.a.	T 10
F 11	18 5 59	29°46'11	8♌32	26°18	25°48	18°42	9°58	26°58	18°11	17°46	13° 7	21°30	20°28	16°17	n.a.	F 11
S 12	18 9 56	0♋44'11	23°15	26°55	26°59	19°21	10° 0	27° 3	18° 9	17°49	13° 8	21°23	20°24	16°24	n.a.	S 12
S 13	18 13 53	1°42'12	7♍34	27°28	28°11	20° 0	10° 1	27° 8	18° 7	17°51	13° 9	21°19	20°21	16°31	n.a.	S 13
M14	18 17 49	2°40'14	21°25	27°57	29°22	20°39	10° 1	27°13	18° 4	17°53	13°10	21°17	20°18	16°37	n.a.	M14
T 15	18 21 46	3°38'18	4♎50	28°21	0♊34	21°18	10° 2	27°17	18° 2	17°55	13°11	21°D16	20°15	16°44	n.a.	T 15
W16	18 25 42	4°36'23	17°51	28°41	1°45	21°57	10° 2	27°22	18° 0	17°57	13°12	21°R17	20°12	16°51	n.a.	W16
T 17	18 29 39	5°34'30	0♏33	28°55	2°57	22°36	10°R 2	27°27	17°58	17°59	13°13	21°16	20° 8	16°57	n.a.	T 17
F 18	18 33 35	6°32'39	12°59	29° 4	4° 9	23°15	10° 2	27°31	17°55	18° 2	13°14	21°15	20° 5	17° 4	n.a.	F 18
S 19	18 37 32	7°30'49	25°14	29°R 7	5°21	23°55	10° 2	27°35	17°53	18° 4	13°15	21°10	20° 2	17°11	n.a.	S 19
S 20	18 41 28	8°29'01	7♐19	29° 4	6°33	24°34	10° 2	27°40	17°51	18° 6	13°16	21° 3	19°59	17°18	n.a.	S 20
M21	18 45 25	9°27'15	19°19	28°55	7°45	25°13	10° 1	27°44	17°49	18° 8	13°17	20°53	19°56	17°24	n.a.	M21
T 22	18 49 22	10°25'31	1♑15	28°40	8°57	25°52	10° 0	27°48	17°47	18°10	13°18	20°41	19°53	17°31	n.a.	T 22
W23	18 53 18	11°23'49	13° 8	28°18	10°10	26°31	9°59	27°52	17°45	18°12	13°19	20°27	19°49	17°38	n.a.	W23
T 24	18 57 15	12°22'09	25° 1	27°50	11°22	27°11	9°58	27°56	17°42	18°14	13°20	20°13	19°46	17°45	n.a.	T 24
F 25	19 1 11	13°20'31	6♒54	27°15	12°34	27°50	9°57	28° 0	17°40	18°16	13°21	20° 0	19°43	17°51	n.a.	F 25
S 26	19 5 8	14°18'55	18°49	26°35	13°47	28°30	9°55	28° 3	17°38	18°18	13°22	19°49	19°40	17°58	n.a.	S 26
S 27	19 9 4	15°17'21	0♓48	25°49	14°59	29° 9	9°53	28° 7	17°36	18°20	13°22	19°40	19°37	18° 5	n.a.	S 27
M28	19 13 1	16°15'49	12°55	24°57	16°12	29°49	9°51	28°11	17°34	18°22	13°23	19°34	19°34	18°11	n.a.	M28
T 29	19 16 57	17°14'20	25°12	24° 1	17°25	0♌28	9°49	28°14	17°32	18°24	13°24	19°30	19°30	18°18	n.a.	T 29
W30	19 20 54	18°12'53	7♈44	23° 2	18°38	1° 8	9°47	28°17	17°30	18°26	13°25	19°29	19°27	18°25	n.a.	W30
T 31	19 24 50	19♋11'28	20♈35	22♋ 1	19♊51	1♌47	9♓44	28♈21	17♐28	18♊28	13♉25	19♈29	19♈24	18♂32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n33	8s17	3s 0	22n23	0s26	14n51	1s35	24n34	1n13	9s38	1s37	8n21	2s 4	23s47	0s21	22n57	0s22	11n55	4s19	8n50	8n21	28s 8		n.a.
W 2	23 37	2 20	2 2	22 4	0 35	15 15	1 32	24 30	1 13	9 37	1 38	8 23	2 4	23 47	0 21	22 57	0 22	11 56	4 19	8 50	8 20	28 7		n.a.
T 3	23 41	3n53	0 56	21 45	0 46	15 38	1 30	24 26	1 12	9 36	1 38	8 25	2 5	23 47	0 21	22 57	0 22	11 56	4 19	8 50	8 19	28 6		n.a.
F 4	23 44	10 8	0n15	21 26	0 56	16 1	1 27	24 21	1 12	9 35	1 38	8 26	2 5	23 46	0 21	22 57	0 22	11 56	4 19	8 51	8 18	28 6		n.a.
S 5	23 47	16 8	1 28	21 6	1 7	16 23	1 24	24 17	1 12	9 34	1 39	8 28	2 5	23 46	0 21	22 58	0 22	11 57	4 19	8 50	8 16	28 5		n.a.
S 6	23 50	21 29	2 37	20 46	1 17	16 45	1 22	24 12	1 12	9 34	1 39	8 30	2 5	23 46	0 21	22 58	0 22	11 57	4 19	8 49	8 15	28 4		n.a.
M 7	23 52	25 40	3 38	20 26	1 28	17 7	1 19	24 7	1 12	9 33	1 39	8 32	2 5	23 46	0 21	22 58	0 22	11 57	4 19	8 47	8 14	28 3		n.a.
T 8	23 53	28 9	4 25	20 7	1 39	17 29	1 16	24 2	1 11	9 33	1 40	8 34	2 5	23 46	0 21	22 58	0 22	11 58	4 19	8 44	8 13	28 3		n.a.
W 9	23 55	28 33	4 54	19 47	1 50	17 50	1 13	23 57	1 11	9 32	1 40	8 36	2 5	23 45	0 21	22 59	0 22	11 58	4 19	8 40	8 11	28 2		n.a.
T 10	23 55	26 48	5 2	19 28	2 1	18 10	1 10	23 51	1 11	9 32	1 40	8 37	2 5	23 45	0 21	22 59	0 22	11 58	4 19	8 36	8 10	28 1		n.a.
F 11	23 56	23 8	4 49	19 10	2 12	18 30	1 8	23 46	1 11	9 32	1 41	8 39	2 6	23 45	0 21	22 59	0 22	11 59	4 19	8 33	8 9	28 0		n.a.
S 12	23 56	18 5	4 17	18 52	2 23	18 50	1 5	23 40	1 11	9 32	1 41	8 41	2 6	23 45	0 21	22 59	0 22	11 59	4 19	8 30	8 8	27 59		n.a.
S 13	23 55	12 8	3 30	18 35	2 34	19 9	1 2	23 34	1 10	9 32	1 41	8 42	2 6	23 44	0 21	22 59	0 22	11 59	4 19	8 29	8 7	27 59		n.a.
M14	23 54	5 47	2 31	18 18	2 45	19 28	0 59	23 28	1 10	9 32	1 42	8 44	2 6	23 44	0 21	23 0	0 22	12 0	4 19	8 28	8 5	27 58		n.a.
T 15	23 53	0s39	1 26	18 3	2 55	19 47	0 56	23 21	1 10	9 32	1 42	8 46	2 6	23 44	0 21	23 0	0 22	12 0	4 19	8 28	8 4	27 57		n.a.
W16	23 51	6 52	0 18	17 49	3 6	20 4	0 53	23 15	1 10	9 32	1 42	8 47	2 6	23 44	0 21	23 0	0 22	12 0	4 20	8 28	8 3	27 56		n.a.
T 17	23 49	12 40	0s49	17 36	3 16	20 22	0 50	23 8	1 10	9 32	1 42	8 49	2 7	23 44	0 21	23 0	0 22	12 1	4 20	8 28	8 2	27 55		n.a.
F 18	23 46	17 50	1 52	17 25	3 25	20 38	0 47	23 1	1 9	9 32	1 43	8 50	2 7	23 43	0 21	23 0	0 22	12 1	4 20	8 27	8 1	27 54		n.a.
S 19	23 43	22 12	2 49	17 15	3 35	20 55	0 44	22 54	1 9	9 33	1 43	8 52	2 7	23 43	0 21	23 1	0 22	12 1	4 20	8 25	7 59	27 54		n.a.
S 20	23 39	25 33	3 38	17 8	3 43	21 10	0 41	22 47	1 9	9 33	1 43	8 53	2 7	23 43	0 21	23 1	0 22	12 1	4 20	8 23	7 58	27 53		n.a.
M21	23 35	27 44	4 16	17 2	3 51	21 26	0 38	22 39	1 9	9 34	1 44	8 54	2 7	23 43	0 21	23 1	0 22	12 2	4 20	8 19	7 57	27 52		n.a.
T 22	23 31	28 38	4 43	16 58	3 58	21 40	0 35	22 31	1 8	9 34	1 44	8 56	2 7	23 43	0 21	23 1	0 22	12 2	4 20	8 14	7 56	27 51		n.a.
W23	23 26	28 11	4 57	16 57	4 3	21 54	0 32	22 24	1 8	9 35	1 44	8 57	2 7	23 42	0 21	23 1	0 22	12 2	4 20	8 9	7 54	27 50		n.a.
T 24	23 20	26 27	4 58	16 58	4 8	22 8	0 29	22 16	1 8	9 36	1 45	8 58	2 8	23 42	0 21	23 2	0 22	12 2	4 20	8 4	7 53	27 49		n.a.
F 25	23 15	23 32	4 47	17 2	4 11	22 20	0 26	22 7	1 8	9 37	1 45	9 0	2 8	23 42	0 21	23 2	0 22	12 3	4 20	7 59	7 52	27 48		n.a.
S 26	23 9	19 38	4 23	17 8	4 13	22 33	0 23	21 59	1 7	9 38	1 45	9 1	2 8	23 42	0 21	23 2	0 22	12 3	4 20	7 54	7 51	27 47		n.a.
S 27	23 2	14 56	3 47	17 16	4 13	22 44	0 20	21 50	1 7	9 38	1 46	9 2	2 8	23 42	0 21	23 2	0 22	12 3	4 20	7 51	7 49	27 46		n.a.
M28	22 55	9 36	3 0	17 28	4 11	22 55	0 17	21 42	1 7	9 40	1 46	9 3	2 8	23 41	0 21	23 2	0 22	12 3	4 20	7 48	7 48	27 46		n.a.
T 29	22 48	3 50	2 4	17 41	4 8	23 5	0 14	21 33	1 7	9 41	1 46	9 4	2 8	23 41	0 21	23 3	0 22	12 3	4 20	7 47	7 47	27 45		n.a.
W30	22 40	2n11	1 2	17 57	4 2	23 15	0 11	21 24	1 6	9 42	1 46	9 5	2 9	23 41	0 21	23 3	0 22	12 4	4 20	7 47	7 46	27 44		n.a.
T 31	22n31	8n17	0n 6	18n14	3s54	23n24	0s 8	21n14	1n 6	9s43	1s47	9n 6	2s 9	23s41	0s21	23n 3	0s22	12n 4	4s20	7n47	7n45	27s43		n.a.

Julian Day Number = 978320.5, Delta T = 13h16m55s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'15, Lahiri = -32°00'14 Julian Calendar 1 July 2035 BCE == Greg. Calendar 14 June 2035 BCE

The year -2034 astronomical counting style corresponds to year 2035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

AUGUST 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 28 47	20♋10'06	3♉49	20°R58	21♊ 3	2♌27	9°R41	28♈24	17°R26	18♊30	13♉26	19°R29	19♈21	18♑38	n.a.	F 1
S 2	19 32 44	21° 8'46	17°31	19♋56	22°16	3° 7	9♓38	28°27	17♐25	18°32	13°27	19♈27	19°18	18°45	n.a.	S 2
S 3	19 36 40	22° 7'29	1♊41	18°56	23°30	3°46	9°35	28°30	17°23	18°34	13°28	19°23	19°14	18°52	n.a.	S 3
M 4	19 40 37	23° 6'14	16°18	17°59	24°43	4°26	9°32	28°33	17°21	18°36	13°28	19°17	19°11	18°59	n.a.	M 4
T 5	19 44 33	24° 5'02	1♋19	17° 8	25°56	5° 6	9°28	28°35	17°19	18°38	13°29	19° 8	19° 8	19° 5	n.a.	T 5
W 6	19 48 30	25° 3'52	16°35	16°22	27° 9	5°46	9°24	28°38	17°17	18°40	13°29	18°57	19° 5	19°12	n.a.	W 6
T 7	19 52 26	26° 2'44	1♌55	15°44	28°23	6°26	9°21	28°41	17°16	18°42	13°30	18°46	19° 2	19°19	n.a.	T 7
F 8	19 56 23	27° 1'38	17° 7	15°14	29°36	7° 6	9°16	28°43	17°14	18°44	13°31	18°36	18°59	19°25	n.a.	F 8
S 9	20 0 19	28° 0'34	2♍ 2	14°53	0♋49	7°46	9°12	28°45	17°12	18°45	13°31	18°27	18°55	19°32	n.a.	S 9
S 10	20 4 16	28°59'33	16°31	14°42	2° 3	8°26	9° 8	28°48	17°11	18°47	13°32	18°22	18°52	19°39	n.a.	S 10
M11	20 8 13	29°58'33	0♎32	14°D41	3°17	9° 6	9° 3	28°50	17° 9	18°49	13°32	18°19	18°49	19°46	n.a.	M11
T 12	20 12 9	0♌57'35	14° 3	14°50	4°30	9°46	8°58	28°52	17° 8	18°51	13°33	18°D18	18°46	19°52	n.a.	T 12
W13	20 16 6	1°56'39	27° 7	15° 9	5°44	10°26	8°53	28°54	17° 6	18°52	13°33	18°R18	18°43	19°59	n.a.	W13
T 14	20 20 2	2°55'44	9♏48	15°38	6°58	11° 7	8°48	28°55	17° 5	18°54	13°34	18°18	18°40	20° 6	n.a.	T 14
F 15	20 23 59	3°54'52	22°11	16°16	8°12	11°47	8°43	28°57	17° 3	18°56	13°34	18°16	18°36	20°13	n.a.	F 15
S 16	20 27 55	4°54'02	4♐21	17° 2	9°25	12°27	8°37	28°59	17° 2	18°58	13°34	18°13	18°33	20°19	n.a.	S 16
S 17	20 31 52	5°53'14	16°21	17°57	10°39	13° 8	8°31	29° 0	17° 1	18°59	13°35	18° 6	18°30	20°26	n.a.	S 17
M18	20 35 48	6°52'28	28°16	18°59	11°53	13°48	8°26	29° 2	16°59	19° 1	13°35	17°57	18°27	20°33	n.a.	M18
T 19	20 39 45	7°51'44	10♑ 8	20° 8	13° 7	14°29	8°20	29° 3	16°58	19° 2	13°35	17°46	18°24	20°39	n.a.	T 19
W20	20 43 41	8°51'02	22° 1	21°23	14°22	15° 9	8°14	29° 4	16°57	19° 4	13°36	17°33	18°20	20°46	n.a.	W20
T 21	20 47 38	9°50'22	3♒55	22°43	15°36	15°50	8° 7	29° 5	16°56	19° 6	13°36	17°20	18°17	20°53	n.a.	T 21
F 22	20 51 35	10°49'45	15°52	24° 8	16°50	16°30	8° 1	29° 6	16°55	19° 7	13°36	17° 8	18°14	21° 0	n.a.	F 22
S 23	20 55 31	11°49'09	27°54	25°37	18° 4	17°11	7°55	29° 7	16°54	19° 9	13°36	16°57	18°11	21° 6	n.a.	S 23
S 24	20 59 28	12°48'36	10♓ 2	27°10	19°19	17°51	7°48	29° 7	16°53	19°10	13°37	16°49	18° 8	21°13	n.a.	S 24
M25	21 3 24	13°48'05	22°17	28°45	20°33	18°32	7°41	29° 8	16°52	19°12	13°37	16°43	18° 5	21°20	n.a.	M25
T 26	21 7 21	14°47'37	4♈41	0♌22	21°47	19°13	7°34	29° 8	16°51	19°13	13°37	16°41	18° 1	21°26	n.a.	T 26
W27	21 11 17	15°47'11	17°18	2° 2	23° 2	19°54	7°27	29° 9	16°50	19°14	13°37	16°D40	17°58	21°33	n.a.	W27
T 28	21 15 14	16°46'47	0♉11	3°42	24°16	20°35	7°20	29° 9	16°49	19°16	13°37	16°40	17°55	21°40	n.a.	T 28
F 29	21 19 10	17°46'26	13°23	5°24	25°31	21°15	7°13	29° 9	16°48	19°17	13°37	16°R41	17°52	21°47	n.a.	F 29
S 30	21 23 7	18°46'07	26°57	7° 7	26°46	21°56	7° 6	29°R 9	16°47	19°19	13°37	16°41	17°49	21°53	n.a.	S 30
S 31	21 27 3	19♌45'51	10♊56	8♌51	28♋ 0	22♌37	6♓58	29♈ 9	16♐47	19♊20	13♉37	16♈39	17♈46	22♑ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n23	14n13	1n15	18n34	3s44	23n32	0s 5	21n 5	1n 6	9s44	1s47	9n 7	2s 9	23s41	0s21	23n 3	0s22	12n 4	4s20	7n46	7n43	27s42		n.a.
S 2	22 14	19 40	2 22	18 55	3 33	23 40	0 2	20 55	1 6	9 46	1 47	9 8	2 9	23 41	0 21	23 3	0 22	12 4	4 20	7 46	7 42	27 41		n.a.
S 3	22 4	24 14	3 23	19 16	3 19	23 47	0n 1	20 46	1 5	9 47	1 48	9 9	2 9	23 40	0 21	23 3	0 22	12 4	4 20	7 44	7 41	27 40		n.a.
M 4	21 54	27 23	4 12	19 39	3 4	23 53	0 4	20 36	1 5	9 49	1 48	9 10	2 10	23 40	0 21	23 4	0 22	12 4	4 20	7 42	7 40	27 39		n.a.
T 5	21 44	28 41	4 46	20 2	2 48	23 58	0 7	20 26	1 5	9 51	1 48	9 11	2 10	23 40	0 21	23 4	0 22	12 5	4 20	7 38	7 38	27 38		n.a.
W 6	21 33	27 50	5 0	20 25	2 30	24 3	0 9	20 15	1 4	9 52	1 48	9 11	2 10	23 40	0 21	23 4	0 22	12 5	4 20	7 34	7 37	27 37		n.a.
T 7	21 22	24 53	4 52	20 48	2 12	24 7	0 12	20 5	1 4	9 54	1 49	9 12	2 10	23 40	0 21	23 4	0 22	12 5	4 20	7 30	7 36	27 36		n.a.
F 8	21 11	20 12	4 24	21 10	1 53	24 11	0 15	19 54	1 4	9 56	1 49	9 13	2 10	23 40	0 21	23 4	0 22	12 5	4 20	7 26	7 35	27 35		n.a.
S 9	20 59	14 21	3 38	21 31	1 34	24 13	0 18	19 43	1 4	9 58	1 49	9 14	2 10	23 39	0 21	23 4	0 22	12 5	4 20	7 23	7 34	27 34		n.a.
S 10	20 47	7 52	2 39	21 52	1 15	24 15	0 20	19 33	1 3	10 0	1 49	9 14	2 11	23 39	0 21	23 5	0 22	12 5	4 20	7 20	7 32	27 33		n.a.
M11	20 34	1 12	1 33	22 10	0 56	24 16	0 23	19 21	1 3	10 2	1 50	9 15	2 11	23 39	0 21	23 5	0 22	12 5	4 20	7 19	7 31	27 32		n.a.
T 12	20 21	5s18	0 22	22 27	0 38	24 17	0 26	19 10	1 3	10 4	1 50	9 15	2 11	23 39	0 21	23 5	0 22	12 5	4 20	7 19	7 30	27 31		n.a.
W13	20 8	11 23	0s47	22 43	0 20	24 17	0 28	18 59	1 2	10 6	1 50	9 16	2 11	23 39	0 21	23 5	0 22	12 5	4 21	7 19	7 29	27 29		n.a.
T 14	19 54	16 48	1 51	22 56	0 4	24 15	0 31	18 47	1 2	10 8	1 50	9 16	2 11	23 39	0 21	23 5	0 22	12 6	4 21	7 19	7 27	27 28		n.a.
F 15	19 40	21 24	2 49	23 7	0n12	24 14	0 33	18 36	1 2	10 10	1 51	9 17	2 12	23 38	0 21	23 5	0 22	12 6	4 21	7 18	7 26	27 27		n.a.
S 16	19 26	25 1	3 38	23 16	0 27	24 11	0 36	18 24	1 1	10 13	1 51	9 17	2 12	23 38	0 21	23 6	0 22	12 6	4 21	7 17	7 25	27 26		n.a.
S 17	19 11	27 28	4 17	23 22	0 40	24 8	0 38	18 12	1 1	10 15	1 51	9 17	2 12	23 38	0 21	23 6	0 22	12 6	4 21	7 14	7 24	27 25		n.a.
M18	18 56	28 39	4 44	23 25	0 53	24 4	0 41	17 59	1 1	10 17	1 51	9 18	2 12	23 38	0 21	23 6	0 22	12 6	4 21	7 11	7 22	27 24		n.a.
T 19	18 41	28 30	4 59	23 26	1 4	23 59	0 43	17 47	1 0	10 20	1 52	9 18	2 12	23 38	0 21	23 6	0 22	12 6	4 21	7 7	7 21	27 23		n.a.
W20	18 25	27 1	5 0	23 24	1 14	23 54	0 45	17 35	1 0	10 22	1 52	9 18	2 13	23 38	0 21	23 6	0 22	12 6	4 21	7 2	7 20	27 22		n.a.
T 21	18 9	24 20	4 49	23 19	1 22	23 47	0 48	17 22	1 0	10 25	1 52	9 18	2 13	23 38	0 21	23 6	0 22	12 6	4 21	6 57	7 19	27 21		n.a.
F 22	17 52	20 36	4 25	23 12	1 30	23 40	0 50	17 9	0 59	10 28	1 52	9 19	2 13	23 38	0 21	23 6	0 22	12 6	4 21	6 52	7 18	27 20		n.a.
S 23	17 36	16 1	3 49	23 2	1 37	23 33	0 52	16 56	0 59	10 30	1 52	9 19	2 13	23 37	0 21	23 7	0 22	12 6	4 21	6 48	7 16	27 18		n.a.
S 24	17 19	10 46	3 2	22 49	1 42	23 24	0 54	16 43	0 59	10 33	1 52	9 19	2 13	23 37	0 21	23 7	0 22	12 6	4 21	6 44	7 15	27 17		n.a.
M25	17 1	5 3	2 6	22 34	1 47	23 15	0 56	16 30	0 58	10 36	1 53	9 19	2 13	23 37	0 21	23 7	0 22	12 6	4 21	6 42	7 14	27 16		n.a.
T 26	16 44	0n56	1 3	22 16	1 50	23 5	0 58	16 17	0 58	10 38	1 53	9 19	2 14	23 37	0 21	23 7	0 22	12 6	4 21	6 41	7 13	27 15		n.a.
W27	16 26	6 59	0n 3	21 56	1 53	22 55	1 0	16 3	0 58	10 41	1 53	9 19	2 14	23 37	0 21	23 7	0 22	12 6	4 21	6 41	7 11	27 14		n.a.
T 28	16 8	12 53	1 12	21 34	1 54	22 43	1 2	15 50	0 57	10 44	1 53	9 19	2 14	23 37	0 21	23 7	0 22	12 6	4 21	6 41	7 10	27 13		n.a.
F 29	15 49	18 22	2 18	21 10	1 55	22 31	1 4	15 36	0 57	10 47	1 53	9 19	2 14	23 37	0 21	23 7	0 22	12 6	4 21	6 41	7 9	27 11		n.a.
S 30	15 30	23 5	3 18	20 44	1 56	22 19	1 6	15 22	0 57	10 50	1 53	9 18	2 14	23 37	0 21	23 7	0 22	12 6	4 21	6 41	7 8	27 10		n.a.
S 31	15n11	26n38	4n 9	20n16	1n55	22n 5	1n 7	15n 8	0n56	10s53	1s53	9n18	2s15	23s37	0s21	23n 7	0s22	12n 6	4s21	6n40	7n 6	27s 9		n.a.

Julian Day Number = 978351.5, Delta T = 13h16m53s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'10, Lahiri = -32°00'10 Julian Calendar 1 Aug. 2035 BCE == Greg. Calendar 15 July 2035 BCE

The year -2034 astronomical counting style corresponds to year 2035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

SEPTEMBER 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 31 0	20♌45'38	25♊18	10♌34	29♋15	23♌18	6°R51	29°R 9	16°R46	19♊21	13°R37	16°R35	17♈42	22♉ 7	n.a.	M 1
T 2	21 34 57	21°45'27	10♋ 3	12°18	0♌30	24° 0	6♓43	29♈ 8	16♐46	19°22	13♉37	16♈28	17°39	22°14	n.a.	T 2
W 3	21 38 53	22°45'18	25° 3	14° 2	1°44	24°41	6°35	29° 8	16°45	19°24	13°37	16°20	17°36	22°20	n.a.	W 3
T 4	21 42 50	23°45'12	10♌11	15°46	2°59	25°22	6°28	29° 7	16°44	19°25	13°37	16°12	17°33	22°27	n.a.	T 4
F 5	21 46 46	24°45'07	25°16	17°30	4°14	26° 3	6°20	29° 7	16°44	19°26	13°37	16° 4	17°30	22°34	n.a.	F 5
S 6	21 50 43	25°45'05	10♍ 8	19°13	5°29	26°44	6°12	29° 6	16°44	19°27	13°37	15°58	17°26	22°40	n.a.	S 6
S 7	21 54 39	26°45'05	24°40	20°56	6°44	27°26	6° 4	29° 5	16°43	19°28	13°37	15°54	17°23	22°47	n.a.	S 7
M 8	21 58 36	27°45'07	8♎46	22°39	7°59	28° 7	5°56	29° 4	16°43	19°29	13°37	15°52	17°20	22°54	n.a.	M 8
T 9	22 2 32	28°45'10	22°24	24°21	9°14	28°49	5°48	29° 3	16°43	19°30	13°37	15°D52	17°17	23° 1	n.a.	T 9
W10	22 6 29	29°45'16	5♏35	26° 3	10°29	29°30	5°40	29° 2	16°42	19°31	13°36	15°53	17°14	23° 7	n.a.	W10
T 11	22 10 25	0♍45'23	18°21	27°44	11°44	0♍12	5°32	29° 0	16°42	19°32	13°36	15°54	17°11	23°14	n.a.	T 11
F 12	22 14 22	1°45'32	0♐47	29°25	12°59	0°53	5°24	28°59	16°42	19°33	13°36	15°R55	17° 7	23°21	n.a.	F 12
S 13	22 18 19	2°45'43	12°58	1♍ 5	14°15	1°35	5°16	28°57	16°42	19°34	13°36	15°54	17° 4	23°28	n.a.	S 13
S 14	22 22 15	3°45'55	24°58	2°45	15°30	2°16	5° 7	28°55	16°D42	19°35	13°35	15°52	17° 1	23°34	n.a.	S 14
M15	22 26 12	4°46'09	6♑51	4°24	16°45	2°58	4°59	28°54	16°42	19°36	13°35	15°47	16°58	23°41	n.a.	M15
T 16	22 30 8	5°46'25	18°43	6° 3	18° 0	3°40	4°51	28°52	16°42	19°37	13°35	15°41	16°55	23°48	n.a.	T 16
W17	22 34 5	6°46'43	0♒36	7°41	19°15	4°22	4°43	28°50	16°42	19°38	13°34	15°34	16°51	23°54	n.a.	W17
T 18	22 38 1	7°47'03	12°34	9°19	20°31	5° 3	4°35	28°48	16°43	19°38	13°34	15°27	16°48	24° 1	n.a.	T 18
F 19	22 41 58	8°47'24	24°37	10°56	21°46	5°45	4°27	28°45	16°43	19°39	13°33	15°20	16°45	24° 8	n.a.	F 19
S 20	22 45 54	9°47'47	6♓49	12°33	23° 1	6°27	4°19	28°43	16°43	19°40	13°33	15°14	16°42	24°15	n.a.	S 20
S 21	22 49 51	10°48'12	19°10	14° 9	24°17	7° 9	4°10	28°41	16°44	19°40	13°33	15° 9	16°39	24°21	n.a.	S 21
M22	22 53 47	11°48'39	1♈40	15°45	25°32	7°51	4° 2	28°38	16°44	19°41	13°32	15° 7	16°36	24°28	n.a.	M22
T 23	22 57 44	12°49'07	14°21	17°20	26°48	8°33	3°54	28°36	16°44	19°42	13°32	15°D 6	16°32	24°35	n.a.	T 23
W24	23 1 41	13°49'38	27°14	18°56	28° 3	9°15	3°47	28°33	16°45	19°42	13°31	15° 6	16°29	24°42	n.a.	W24
T 25	23 5 37	14°50'10	10♉20	20°30	29°18	9°57	3°39	28°30	16°46	19°43	13°31	15° 8	16°26	24°48	n.a.	T 25
F 26	23 9 34	15°50'45	23°41	22° 5	0♍34	10°40	3°31	28°27	16°46	19°43	13°30	15°10	16°23	24°55	n.a.	F 26
S 27	23 13 30	16°51'22	7♊17	23°39	1°49	11°22	3°23	28°24	16°47	19°44	13°29	15°11	16°20	25° 2	n.a.	S 27
S 28	23 17 27	17°52'00	21°10	25°13	3° 5	12° 4	3°15	28°21	16°48	19°44	13°29	15°R11	16°17	25° 8	n.a.	S 28
M29	23 21 23	18°52'41	5♋19	26°46	4°20	12°46	3° 8	28°18	16°48	19°44	13°28	15°10	16°13	25°15	n.a.	M29
T 30	23 25 20	19♍53'24	19♋43	28♍20	5♍36	13♍29	3♓ 0	28♈15	16♐49	19♊45	13♉28	15♈ 8	16♈10	25♉22	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n52	28n35	4n45	19n47	1n54	21n51	1n 9	14n54	0n56	10s56	1s54	9n18	2s15	23s37	0s21	23n 8	0s22	12n 6	4s21	6n39	7n 5	27s 8		n.a.
T 2	14 32	28 35	5 4	19 16	1 53	21 36	1 11	14 40	0 56	10 59	1 54	9 18	2 15	23 37	0 21	23 8	0 22	12 6	4 21	6 36	7 4	27 7		n.a.
W 3	14 13	26 30	5 2	18 43	1 51	21 21	1 12	14 26	0 55	11 2	1 54	9 17	2 15	23 36	0 21	23 8	0 22	12 6	4 22	6 33	7 3	27 5		n.a.
T 4	13 53	22 32	4 39	18 9	1 48	21 5	1 14	14 11	0 55	11 5	1 54	9 17	2 15	23 36	0 21	23 8	0 22	12 6	4 22	6 30	7 1	27 4		n.a.
F 5	13 32	17 5	3 57	17 34	1 45	20 48	1 15	13 57	0 54	11 8	1 54	9 17	2 15	23 36	0 21	23 8	0 22	12 6	4 22	6 27	7 0	27 3		n.a.
S 6	13 12	10 41	3 0	16 58	1 42	20 31	1 16	13 42	0 54	11 11	1 54	9 16	2 16	23 36	0 21	23 8	0 22	12 6	4 22	6 24	6 59	27 2		n.a.
S 7	12 51	3 51	1 52	16 21	1 38	20 13	1 18	13 27	0 54	11 14	1 54	9 16	2 16	23 36	0 21	23 8	0 22	12 5	4 22	6 23	6 58	27 0		n.a.
M 8	12 30	2s58	0 38	15 43	1 34	19 55	1 19	13 12	0 53	11 17	1 54	9 15	2 16	23 36	0 21	23 8	0 22	12 5	4 22	6 22	6 57	26 59		n.a.
T 9	12 9	9 26	0s35	15 5	1 30	19 36	1 20	12 57	0 53	11 20	1 54	9 15	2 16	23 36	0 21	23 8	0 22	12 5	4 22	6 22	6 55	26 58		n.a.
W10	11 47	15 17	1 44	14 25	1 25	19 16	1 21	12 42	0 52	11 23	1 54	9 14	2 16	23 36	0 21	23 8	0 22	12 5	4 22	6 22	6 54	26 57		n.a.
T 11	11 26	20 18	2 46	13 45	1 20	18 56	1 22	12 26	0 52	11 26	1 54	9 13	2 16	23 36	0 21	23 8	0 22	12 5	4 22	6 23	6 53	26 55		n.a.
F 12	11 4	24 18	3 39	13 5	1 15	18 35	1 23	12 11	0 52	11 29	1 54	9 13	2 17	23 36	0 21	23 9	0 22	12 5	4 22	6 23	6 52	26 54		n.a.
S 13	10 42	27 7	4 20	12 23	1 9	18 14	1 24	11 56	0 51	11 32	1 54	9 12	2 17	23 36	0 21	23 9	0 22	12 5	4 22	6 23	6 50	26 53		n.a.
S 14	10 20	28 39	4 49	11 42	1 4	17 52	1 25	11 40	0 51	11 35	1 54	9 11	2 17	23 36	0 21	23 9	0 22	12 5	4 22	6 22	6 49	26 51		n.a.
M15	9 57	28 50	5 5	11 0	0 58	17 30	1 26	11 24	0 50	11 38	1 54	9 10	2 17	23 36	0 21	23 9	0 22	12 5	4 22	6 20	6 48	26 50		n.a.
T 16	9 35	27 41	5 9	10 17	0 52	17 7	1 26	11 8	0 50	11 41	1 54	9 9	2 17	23 36	0 21	23 9	0 22	12 4	4 22	6 18	6 47	26 49		n.a.
W17	9 12	25 17	4 59	9 35	0 46	16 43	1 27	10 53	0 50	11 44	1 54	9 9	2 17	23 36	0 21	23 9	0 22	12 4	4 22	6 15	6 45	26 47		n.a.
T 18	8 49	21 47	4 36	8 52	0 40	16 19	1 27	10 37	0 49	11 47	1 54	9 8	2 18	23 36	0 21	23 9	0 22	12 4	4 22	6 12	6 44	26 46		n.a.
F 19	8 26	17 20	4 0	8 8	0 34	15 55	1 28	10 20	0 49	11 50	1 54	9 7	2 18	23 36	0 21	23 9	0 22	12 4	4 22	6 9	6 43	26 45		n.a.
S 20	8 3	12 10	3 13	7 25	0 28	15 30	1 28	10 4	0 48	11 53	1 54	9 6	2 18	23 36	0 21	23 9	0 22	12 4	4 22	6 7	6 42	26 43		n.a.
S 21	7 40	6 28	2 17	6 41	0 21	15 5	1 29	9 48	0 48	11 56	1 54	9 5	2 18	23 36	0 21	23 9	0 22	12 4	4 22	6 5	6 40	26 42		n.a.
M22	7 16	0 26	1 13	5 58	0 15	14 40	1 29	9 32	0 47	11 59	1 54	9 4	2 18	23 36	0 21	23 9	0 22	12 3	4 22	6 4	6 39	26 41		n.a.
T 23	6 53	5n43	0 4	5 14	0 8	14 14	1 29	9 15	0 47	12 2	1 54	9 3	2 18	23 36	0 21	23 9	0 22	12 3	4 22	6 4	6 38	26 39		n.a.
W24	6 29	11 43	1n 6	4 30	0 2	13 47	1 29	8 59	0 46	12 5	1 54	9 2	2 18	23 36	0 21	23 9	0 22	12 3	4 22	6 4	6 37	26 38		n.a.
T 25	6 5	17 20	2 14	3 46	0s 5	13 20	1 29	8 42	0 46	12 8	1 53	9 0	2 19	23 36	0 21	23 9	0 22	12 3	4 22	6 5	6 35	26 36		n.a.
F 26	5 42	22 14	3 16	3 2	0 11	12 53	1 29	8 25	0 46	12 11	1 53	8 59	2 19	23 36	0 21	23 9	0 22	12 3	4 22	6 5	6 34	26 35		n.a.
S 27	5 18	26 2	4 8	2 18	0 18	12 25	1 29	8 8	0 45	12 13	1 53	8 58	2 19	23 36	0 21	23 9	0 22	12 2	4 23	6 6	6 33	26 34		n.a.
S 28	4 53	28 24	4 47	1 34	0 24	11 57	1 29	7 52	0 45	12 16	1 53	8 57	2 19	23 36	0 21	23 9	0 22	12 2	4 23	6 6	6 32	26 32		n.a.
M29	4 29	28 58	5 9	0 51	0 30	11 29	1 29	7 35	0 44	12 19	1 53	8 56	2 19	23 37	0 21	23 9	0 22	12 2	4 23	6 6	6 30	26 31		n.a.
T 30	4n 5	27n36	5n13	0n 7	0s37	11n 1	1n28	7n18	0n44	12s21	1s53	8n54	2s19	23s37	0s21	23n 9	0s22	12n 2	4s23	6n 5	6n29	26s29		n.a.

Julian Day Number = 978382.5, Delta T = 13h16m50s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'06, Lahiri = -32°00'06 Julian Calendar 1 Sept. 2035 BCE == Greg. Calendar 15 Aug. 2035 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

OCTOBER 2035 BCE (-2034) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 29 16	20♍54'08	4♌19	29♍52	6♍52	14♍11	2°R53	28°R11	16♐50	19♊45	13°R27	15°R 5	16♈ 7	25♑29	n.a.	W 1
T 2	23 33 13	21°54'55	19° 1	1♎25	8° 7	14°54	2♓46	28♈ 8	16°51	19°45	13♉26	15♈ 2	16° 4	25°35	n.a.	T 2
F 3	23 37 10	22°55'42	3♍42	2°57	9°23	15°36	2°38	28° 4	16°52	19°46	13°25	14°58	16° 1	25°42	n.a.	F 3
S 4	23 41 6	23°56'32	18°16	4°30	10°38	16°19	2°31	28° 1	16°53	19°46	13°25	14°56	15°57	25°49	n.a.	S 4
S 5	23 45 3	24°57'23	2♎35	6° 1	11°54	17° 2	2°24	27°57	16°54	19°46	13°24	14°54	15°54	25°55	n.a.	S 5
M 6	23 48 59	25°58'16	16°35	7°33	13°10	17°44	2°18	27°53	16°55	19°46	13°23	14°D54	15°51	26° 2	n.a.	M 6
T 7	23 52 56	26°59'09	0♏13	9° 4	14°25	18°27	2°11	27°49	16°56	19°46	13°22	14°55	15°48	26° 9	n.a.	T 7
W 8	23 56 52	28° 0'04	13°26	10°35	15°41	19°10	2° 4	27°45	16°57	19°46	13°22	14°56	15°45	26°16	n.a.	W 8
T 9	0 0 49	29° 1'01	26°17	12° 6	16°57	19°53	1°58	27°41	16°59	19°46	13°21	14°57	15°42	26°22	n.a.	T 9
F 10	0 4 45	0♎ 1'58	8♐48	13°37	18°12	20°35	1°51	27°37	17° 0	19°R46	13°20	14°58	15°38	26°29	n.a.	F 10
S 11	0 8 42	1° 2'57	21° 2	15° 7	19°28	21°18	1°45	27°33	17° 1	19°46	13°19	14°59	15°35	26°36	n.a.	S 11
S 12	0 12 39	2° 3'56	3♑ 4	16°37	20°44	22° 1	1°39	27°29	17° 3	19°46	13°18	15°R 0	15°32	26°43	n.a.	S 12
M13	0 16 35	3° 4'57	14°59	18° 6	21°59	22°44	1°33	27°24	17° 4	19°46	13°17	14°59	15°29	26°49	n.a.	M13
T 14	0 20 32	4° 5'58	26°51	19°36	23°15	23°27	1°28	27°20	17° 6	19°46	13°17	14°58	15°26	26°56	n.a.	T 14
W15	0 24 28	5° 7'00	8♒45	21° 4	24°31	24°10	1°22	27°16	17° 7	19°46	13°16	14°57	15°23	27° 3	n.a.	W15
T 16	0 28 25	6° 8'04	20°44	22°32	25°46	24°53	1°17	27°11	17° 9	19°46	13°15	14°56	15°19	27° 9	n.a.	T 16
F 17	0 32 21	7° 9'08	2♓53	24° 0	27° 2	25°37	1°11	27° 7	17°11	19°45	13°14	14°54	15°16	27°16	n.a.	F 17
S 18	0 36 18	8°10'13	15°14	25°27	28°18	26°20	1° 6	27° 2	17°12	19°45	13°13	14°54	15°13	27°23	n.a.	S 18
S 19	0 40 14	9°11'18	27°48	26°53	29°33	27° 3	1° 1	26°58	17°14	19°45	13°12	14°53	15°10	27°30	n.a.	S 19
M20	0 44 11	10°12'25	10♈37	28°18	0♎49	27°46	0°57	26°53	17°16	19°45	13°11	14°D53	15° 7	27°36	n.a.	M20
T 21	0 48 8	11°13'33	23°40	29°42	2° 5	28°30	0°52	26°48	17°18	19°44	13°10	14°53	15° 3	27°43	n.a.	T 21
W22	0 52 4	12°14'41	6♉57	1♏ 5	3°20	29°13	0°48	26°43	17°20	19°44	13° 9	14°53	15° 0	27°50	n.a.	W22
T 23	0 56 1	13°15'51	20°28	2°27	4°36	29°57	0°43	26°39	17°21	19°43	13° 8	14°53	14°57	27°56	n.a.	T 23
F 24	0 59 57	14°17'02	4♊10	3°47	5°52	0♎40	0°40	26°34	17°23	19°43	13° 7	14°53	14°54	28° 3	n.a.	F 24
S 25	1 3 54	15°18'14	18° 2	5° 5	7° 8	1°24	0°36	26°29	17°25	19°42	13° 6	14°R53	14°51	28°10	n.a.	S 25
S 26	1 7 50	16°19'27	2♋ 2	6°21	8°23	2° 7	0°32	26°24	17°27	19°42	13° 4	14°53	14°48	28°17	n.a.	S 26
M27	1 11 47	17°20'41	16° 9	7°34	9°39	2°51	0°29	26°19	17°30	19°41	13° 3	14°D53	14°44	28°23	n.a.	M27
T 28	1 15 43	18°21'56	0♌21	8°45	10°55	3°34	0°25	26°14	17°32	19°41	13° 2	14°53	14°41	28°30	n.a.	T 28
W29	1 19 40	19°23'12	14°36	9°51	12°10	4°18	0°22	26° 9	17°34	19°40	13° 1	14°53	14°38	28°37	n.a.	W29
T 30	1 23 37	20°24'29	28°50	10°54	13°26	5° 2	0°20	26° 4	17°36	19°39	13° 0	14°54	14°35	28°43	n.a.	T 30
F 31	1 27 33	21♎25'46	13♍ 1	11♏53	14♎42	5♎46	0♓17	25♈59	17♐38	19♊39	12♉59	14♈55	14♈32	28♑50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	3n41	24n22	4n56	0s36	0s43	10n32	1n28	7n 0	0n43	12s24	1s53	8n53	2s19	23s37	0s21	23n10	0s22	12n 2	4s23	6n 4	6n28	26s28			n.a.
T 2	3 16	19 33	4 20	1 20	0 50	10 3	1 28	6 43	0 43	12 26	1 52	8 52	2 19	23 37	0 21	23 10	0 22	12 1	4 23	6 2	6 27	26 26			n.a.
F 3	2 52	13 34	3 28	2 3	0 56	9 33	1 27	6 26	0 42	12 29	1 52	8 50	2 19	23 37	0 21	23 10	0 22	12 1	4 23	6 1	6 25	26 25			n.a.
S 4	2 27	6 54	2 21	2 46	1 2	9 3	1 27	6 9	0 42	12 31	1 52	8 49	2 20	23 37	0 21	23 10	0 22	12 1	4 23	6 0	6 24	26 23			n.a.
S 5	2 3	0s 1	1 7	3 29	1 8	8 33	1 26	5 51	0 41	12 34	1 52	8 47	2 20	23 37	0 21	23 10	0 22	12 1	4 23	5 59	6 23	26 22			n.a.
M 6	1 38	6 48	0s 9	4 11	1 14	8 3	1 25	5 34	0 41	12 36	1 52	8 46	2 20	23 37	0 21	23 10	0 22	12 0	4 23	5 59	6 22	26 21			n.a.
T 7	1 13	13 5	1 23	4 53	1 20	7 33	1 24	5 16	0 40	12 38	1 51	8 45	2 20	23 37	0 21	23 10	0 22	12 0	4 23	5 59	6 20	26 19			n.a.
W 8	0 49	18 35	2 31	5 35	1 26	7 2	1 24	4 59	0 40	12 41	1 51	8 43	2 20	23 37	0 21	23 10	0 22	12 0	4 23	6 0	6 19	26 18			n.a.
T 9	0 24	23 6	3 29	6 16	1 31	6 31	1 23	4 41	0 39	12 43	1 51	8 42	2 20	23 37	0 21	23 10	0 22	12 0	4 23	6 0	6 18	26 16			n.a.
F 10	0s 1	26 25	4 15	6 57	1 36	6 0	1 22	4 24	0 39	12 45	1 51	8 40	2 20	23 38	0 21	23 10	0 22	11 59	4 23	6 1	6 17	26 15			n.a.
S 11	0 26	28 26	4 49	7 38	1 42	5 29	1 21	4 6	0 38	12 47	1 51	8 38	2 20	23 38	0 21	23 10	0 22	11 59	4 23	6 1	6 15	26 13			n.a.
S 12	0 50	29 3	5 9	8 18	1 47	4 58	1 20	3 48	0 38	12 49	1 50	8 37	2 20	23 38	0 21	23 10	0 22	11 59	4 23	6 1	6 14	26 11			n.a.
M13	1 15	28 18	5 16	8 57	1 51	4 26	1 19	3 30	0 37	12 51	1 50	8 35	2 20	23 38	0 21	23 10	0 22	11 59	4 23	6 1	6 13	26 10			n.a.
T 14	1 40	26 16	5 9	9 36	1 56	3 55	1 18	3 13	0 37	12 53	1 50	8 34	2 20	23 38	0 21	23 10	0 22	11 58	4 23	6 1	6 12	26 8			n.a.
W15	2 4	23 5	4 49	10 14	2 0	3 23	1 16	2 55	0 36	12 55	1 50	8 32	2 20	23 38	0 21	23 10	0 22	11 58	4 23	6 0	6 10	26 7			n.a.
T 16	2 29	18 55	4 17	10 51	2 4	2 51	1 15	2 37	0 36	12 56	1 49	8 30	2 20	23 38	0 21	23 10	0 22	11 58	4 23	6 0	6 9	26 5			n.a.
F 17	2 54	13 56	3 32	11 28	2 8	2 20	1 14	2 19	0 35	12 58	1 49	8 29	2 20	23 39	0 21	23 10	0 22	11 57	4 23	5 59	6 8	26 4			n.a.
S 18	3 18	8 20	2 37	12 4	2 11	1 48	1 12	2 1	0 35	13 0	1 49	8 27	2 20	23 39	0 21	23 10	0 22	11 57	4 23	5 59	6 7	26 2			n.a.
S 19	3 43	2 19	1 33	12 39	2 14	1 16	1 11	1 43	0 34	13 1	1 48	8 25	2 20	23 39	0 21	23 10	0 22	11 57	4 23	5 59	6 5	26 1			n.a.
M20	4 7	3n55	0 24	13 12	2 17	0 44	1 9	1 25	0 33	13 3	1 48	8 24	2 20	23 39	0 21	23 10	0 22	11 56	4 23	5 59	6 4	25 59			n.a.
T 21	4 32	10 7	0n49	13 45	2 19	0 11	1 8	1 7	0 33	13 4	1 48	8 22	2 20	23 39	0 21	23 9	0 22	11 56	4 23	5 59	6 3	25 57			n.a.
W22	4 56	15 59	1 59	14 17	2 20	0s21	1 6	0 49	0 32	13 5	1 48	8 20	2 20	23 39	0 21	23 9	0 22	11 56	4 23	5 59	6 2	25 56			n.a.
T 23	5 20	21 11	3 5	14 47	2 21	0 53	1 5	0 30	0 32	13 6	1 47	8 18	2 20	23 40	0 21	23 9	0 22	11 56	4 23	5 59	6 0	25 54			n.a.
F 24	5 45	25 21	4 0	15 15	2 22	1 25	1 3	0 12	0 31	13 8	1 47	8 17	2 20	23 40	0 21	23 9	0 22	11 55	4 23	5 59	5 59	25 53			n.a.
S 25	6 9	28 4	4 43	15 42	2 22	1 57	1 1	0s 6	0 31	13 9	1 47	8 15	2 20	23 40	0 21	23 9	0 22	11 55	4 23	5 59	5 58	25 51			n.a.
S 26	6 33	29 4	5 9	16 8	2 21	2 29	0 59	0 24	0 30	13 10	1 46	8 13	2 20	23 40	0 21	23 9	0 22	11 55	4 23	5 59	5 57	25 49			n.a.
M27	6 57	28 10	5 17	16 31	2 20	3 1	0 58	0 42	0 30	13 11	1 46	8 11	2 20	23 40	0 21	23 9	0 22	11 54	4 23	5 59	5 55	25 48			n.a.
T 28	7 21	25 27	5 6	16 52	2 18	3 33	0 56	1 0	0 29	13 12	1 46	8 9	2 20	23 41	0 21	23 9	0 22	11 54	4 23	5 59	5 54	25 46			n.a.
W29	7 44	21 10	4 35	17 11	2 14	4 5	0 54	1 19	0 28	13 12	1 45	8 8	2 20	23 41	0 21	23 9	0 22	11 54	4 23	5 59	5 53	25 44			n.a.
T 30	8 8	15 40	3 49	17 28	2 10	4 37	0 52	1 37	0 28	13 13	1 45	8 6	2 20	23 41	0 21	23 9	0 22	11 53	4 23	5 59	5 52	25 43			n.a.
F 31	8s31	9n22	2n48	17s41	2s 5	5s 8	0n50	1s55	0n27	13s14	1s45	8n 4	2s20	23s41	0s21	23n 9	0s22	11n53	4s23	5n59	5n50	25s41			n.a.

Julian Day Number = 978412.5, Delta T = 13h16m48s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°07'02, Lahiri = -32°00'02 Julian Calendar 1 Oct. 2035 BCE == Greg. Calendar 14 Sept. 2035 BCE

The year -2034 astronomical counting style corresponds to year 2035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

NOVEMBER 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 31 30	22♎27'04	27♍ 6	12♏46	15♎57	6♎29	0°R15	25°R54	17♐41	19°R38	12°R58	14♈55	14♈28	28♉57	n.a.	S 1
S 2	1 35 26	23°28'23	11♎ 0	13°33	17°13	7°13	0♓12	25♈49	17°43	19♊37	12♉57	14°R55	14°25	29° 4	n.a.	S 2
M 3	1 39 23	24°29'42	24°41	14°13	18°29	7°57	0°10	25°44	17°45	19°36	12°56	14°55	14°22	29°10	n.a.	M 3
T 4	1 43 19	25°31'02	8♏ 5	14°46	19°44	8°41	0° 9	25°39	17°48	19°36	12°54	14°55	14°19	29°17	n.a.	T 4
W 5	1 47 16	26°32'22	21°12	15° 9	21° 0	9°25	0° 7	25°34	17°50	19°35	12°53	14°53	14°16	29°24	n.a.	W 5
T 6	1 51 13	27°33'42	4♐ 0	15°24	22°16	10° 9	0° 6	25°29	17°53	19°34	12°52	14°52	14°13	29°31	n.a.	T 6
F 7	1 55 9	28°35'02	16°32	15°R28	23°31	10°53	0° 4	25°24	17°55	19°33	12°51	14°49	14° 9	29°37	n.a.	F 7
S 8	1 59 6	29°36'23	28°47	15°21	24°47	11°38	0° 3	25°19	17°58	19°32	12°50	14°47	14° 6	29°44	n.a.	S 8
S 9	2 3 2	0♏37'43	10♑51	15° 3	26° 2	12°22	0° 3	25°14	18° 0	19°31	12°48	14°46	14° 3	29°51	n.a.	S 9
M10	2 6 59	1°39'04	22°47	14°33	27°18	13° 6	0° 2	25° 9	18° 3	19°30	12°47	14°45	14° 0	29°57	n.a.	M10
T 11	2 10 55	2°40'24	4♒39	13°51	28°34	13°50	0° 2	25° 4	18° 6	19°29	12°46	14°D44	13°57	0♒ 4	n.a.	T 11
W12	2 14 52	3°41'44	16°32	12°58	29°49	14°35	0°D 2	24°59	18° 8	19°28	12°45	14°45	13°54	0°11	n.a.	W12
T 13	2 18 49	4°43'03	28°31	11°55	1♏ 5	15°19	0° 2	24°55	18°11	19°27	12°44	14°46	13°50	0°18	n.a.	T 13
F 14	2 22 45	5°44'23	10♓41	10°44	2°20	16° 3	0° 2	24°50	18°14	19°26	12°42	14°48	13°47	0°24	n.a.	F 14
S 15	2 26 42	6°45'41	23° 6	9°27	3°36	16°48	0° 2	24°45	18°17	19°25	12°41	14°50	13°44	0°31	n.a.	S 15
S 16	2 30 38	7°47'00	5♈48	8° 7	4°51	17°32	0° 3	24°40	18°19	19°24	12°40	14°51	13°41	0°38	n.a.	S 16
M17	2 34 35	8°48'18	18°51	6°45	6° 7	18°17	0° 4	24°35	18°22	19°22	12°39	14°R51	13°38	0°44	n.a.	M17
T 18	2 38 31	9°49'37	2♉14	5°25	7°22	19° 1	0° 5	24°30	18°25	19°21	12°37	14°50	13°34	0°51	n.a.	T 18
W19	2 42 28	10°50'55	15°57	4°10	8°38	19°46	0° 6	24°26	18°28	19°20	12°36	14°48	13°31	0°58	n.a.	W19
T 20	2 46 24	11°52'12	29°57	3° 1	9°53	20°30	0° 8	24°21	18°31	19°19	12°35	14°44	13°28	1° 5	n.a.	T 20
F 21	2 50 21	12°53'30	14♊ 9	2° 0	11° 9	21°15	0°10	24°17	18°34	19°18	12°34	14°40	13°25	1°11	n.a.	F 21
S 22	2 54 18	13°54'47	28°28	1° 8	12°24	22° 0	0°12	24°12	18°37	19°16	12°32	14°35	13°22	1°18	n.a.	S 22
S 23	2 58 14	14°56'05	12♋50	0°26	13°40	22°44	0°14	24° 7	18°40	19°15	12°31	14°31	13°19	1°25	n.a.	S 23
M24	3 2 11	15°57'22	27°10	29♎54	14°55	23°29	0°16	24° 3	18°43	19°14	12°30	14°28	13°15	1°31	n.a.	M24
T 25	3 6 7	16°58'38	11♌25	29°32	16°11	24°14	0°19	23°59	18°46	19°12	12°29	14°D27	13°12	1°38	n.a.	T 25
W26	3 10 4	17°59'55	25°31	29°20	17°26	24°59	0°21	23°54	18°49	19°11	12°28	14°27	13° 9	1°45	n.a.	W26
T 27	3 14 0	19° 1'11	9♍28	29°D17	18°41	25°44	0°24	23°50	18°52	19°10	12°26	14°28	13° 6	1°52	n.a.	T 27
F 28	3 17 57	20° 2'27	23°15	29°22	19°57	26°29	0°27	23°46	18°55	19° 8	12°25	14°30	13° 3	1°58	n.a.	F 28
S 29	3 21 54	21° 3'43	6♎51	29°36	21°12	27°14	0°31	23°41	18°58	19° 7	12°24	14°31	13° 0	2° 5	n.a.	S 29
S 30	3 25 50	22♏ 4'58	20♎17	29♎56	22♏28	27♎59	0♓34	23♈37	19♐ 2	19♊ 5	12♉23	14°R31	12♈56	2♒12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s55	2n39	1n37	17s52	1s59	5s40	0n48	2s13	0n27	13s14	1s44	8n 2	2s20	23s41	0s21	23n 9	0s22	11n53	4s23	6n 0	5n49	25s39		n.a.
S 2	9 18	4s 6	0 22	18 0	1 52	6 11	0 46	2 32	0 26	13 15	1 44	8 1	2 20	23 42	0 21	23 9	0 22	11 52	4 23	6 0	5 48	25 38		n.a.
M 3	9 41	10 35	0s54	18 4	1 43	6 43	0 44	2 50	0 25	13 15	1 44	7 59	2 20	23 42	0 21	23 9	0 22	11 52	4 23	6 0	5 47	25 36		n.a.
T 4	10 4	16 27	2 5	18 5	1 33	7 14	0 42	3 8	0 25	13 16	1 43	7 57	2 20	23 42	0 21	23 9	0 22	11 52	4 23	5 59	5 45	25 34		n.a.
W 5	10 26	21 26	3 7	18 1	1 22	7 45	0 40	3 26	0 24	13 16	1 43	7 55	2 20	23 42	0 21	23 9	0 22	11 51	4 23	5 59	5 44	25 33		n.a.
T 6	10 49	25 18	3 59	17 53	1 9	8 15	0 38	3 45	0 24	13 16	1 43	7 53	2 20	23 42	0 21	23 9	0 22	11 51	4 23	5 58	5 43	25 31		n.a.
F 7	11 11	27 51	4 38	17 41	0 55	8 46	0 35	4 3	0 23	13 16	1 42	7 52	2 20	23 43	0 21	23 9	0 22	11 51	4 23	5 57	5 42	25 29		n.a.
S 8	11 34	28 59	5 3	17 24	0 39	9 16	0 33	4 21	0 22	13 16	1 42	7 50	2 20	23 43	0 21	23 9	0 22	11 50	4 23	5 57	5 40	25 28		n.a.
S 9	11 56	28 42	5 15	17 2	0 22	9 47	0 31	4 39	0 22	13 16	1 42	7 48	2 19	23 43	0 21	23 8	0 22	11 50	4 23	5 56	5 39	25 26		n.a.
M10	12 17	27 5	5 12	16 35	0 4	10 16	0 29	4 57	0 21	13 16	1 41	7 46	2 19	23 43	0 21	23 8	0 22	11 50	4 23	5 56	5 38	25 24		n.a.
T 11	12 39	24 17	4 57	16 4	0n16	10 46	0 27	5 15	0 20	13 16	1 41	7 45	2 19	23 44	0 21	23 8	0 22	11 49	4 23	5 55	5 37	25 22		n.a.
W12	13 0	20 27	4 28	15 29	0 36	11 16	0 24	5 33	0 20	13 15	1 41	7 43	2 19	23 44	0 21	23 8	0 22	11 49	4 23	5 56	5 35	25 21		n.a.
T 13	13 21	15 47	3 48	14 50	0 56	11 45	0 22	5 51	0 19	13 15	1 40	7 41	2 19	23 44	0 21	23 8	0 22	11 49	4 22	5 56	5 34	25 19		n.a.
F 14	13 42	10 26	2 57	14 9	1 16	12 13	0 20	6 9	0 19	13 15	1 40	7 39	2 19	23 44	0 21	23 8	0 22	11 48	4 22	5 57	5 33	25 17		n.a.
S 15	14 3	4 35	1 57	13 26	1 36	12 42	0 17	6 27	0 18	13 14	1 40	7 38	2 19	23 45	0 21	23 8	0 22	11 48	4 22	5 57	5 32	25 15		n.a.
S 16	14 23	1n36	0 50	12 42	1 54	13 10	0 15	6 45	0 17	13 14	1 39	7 36	2 19	23 45	0 21	23 8	0 22	11 48	4 22	5 58	5 30	25 14		n.a.
M17	14 44	7 52	0n22	11 59	2 11	13 38	0 13	7 3	0 17	13 13	1 39	7 34	2 19	23 45	0 21	23 8	0 22	11 47	4 22	5 58	5 29	25 12		n.a.
T 18	15 3	13 58	1 34	11 18	2 26	14 5	0 10	7 21	0 16	13 12	1 39	7 33	2 18	23 45	0 21	23 8	0 22	11 47	4 22	5 58	5 28	25 10		n.a.
W19	15 23	19 32	2 42	10 40	2 39	14 33	0 8	7 39	0 15	13 11	1 38	7 31	2 18	23 46	0 21	23 8	0 22	11 47	4 22	5 57	5 27	25 8		n.a.
T 20	15 42	24 10	3 42	10 7	2 50	14 59	0 6	7 57	0 15	13 11	1 38	7 30	2 18	23 46	0 21	23 8	0 22	11 46	4 22	5 55	5 25	25 6		n.a.
F 21	16 2	27 25	4 29	9 38	2 58	15 26	0 3	8 14	0 14	13 10	1 38	7 28	2 18	23 46	0 21	23 7	0 22	11 46	4 22	5 54	5 24	25 5		n.a.
S 22	16 20	28 55	5 0	9 14	3 5	15 52	0 1	8 32	0 13	13 9	1 37	7 27	2 18	23 46	0 21	23 7	0 22	11 46	4 22	5 52	5 23	25 3		n.a.
S 23	16 39	28 28	5 12	8 55	3 9	16 17	0s 1	8 50	0 13	13 7	1 37	7 25	2 18	23 47	0 21	23 7	0 22	11 45	4 22	5 50	5 21	25 1		n.a.
M24	16 57	26 8	5 5	8 42	3 11	16 42	0 4	9 7	0 12	13 6	1 37	7 24	2 17	23 47	0 21	23 7	0 22	11 45	4 22	5 49	5 20	24 59		n.a.
T 25	17 15	22 10	4 39	8 34	3 11	17 7	0 6	9 25	0 11	13 5	1 36	7 22	2 17	23 47	0 21	23 7	0 22	11 45	4 22	5 49	5 19	24 57		n.a.
W26	17 33	16 58	3 56	8 31	3 10	17 31	0 8	9 42	0 11	13 4	1 36	7 21	2 17	23 47	0 21	23 7	0 22	11 44	4 22	5 49	5 18	24 55		n.a.
T 27	17 50	10 56	2 59	8 32	3 7	17 55	0 11	9 59	0 10	13 2	1 35	7 19	2 17	23 48	0 21	23 7	0 22	11 44	4 22	5 49	5 16	24 54		n.a.
F 28	18 7	4 28	1 53	8 37	3 3	18 18	0 13	10 17	0 9	13 1	1 35	7 18	2 17	23 48	0 21	23 7	0 22	11 44	4 22	5 50	5 15	24 52		n.a.
S 29	18 23	2s 8	0 42	8 47	2 59	18 41	0 15	10 34	0 8	12 59	1 35	7 16	2 16	23 48	0 21	23 7	0 22	11 44	4 22	5 50	5 14	24 50		n.a.
S 30	18s40	8s34	0s31	8s59	2n53	19s 3	0s18	10s51	0n 8	12s58	1s34	7n15	2s16	23s49	0s21	23n 6	0s22	11n43	4s22	5n50	5n13	24s48		n.a.

Julian Day Number = 978443.5, Delta T = 13h16m46s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'58, Lahiri = -31°59'57 Julian Calendar 1 Nov. 2035 BCE == Greg. Calendar 15 Oct. 2035 BCE

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ASTRODIENST EPHEMERIS for the year 2035 BCE
geocentric

DECEMBER 2035 BCE (-2034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 29 47	23♏ 6'13	3♏32	0♏24	23♏43	28♎44	0♐38	23°R33	19♐ 5	19°R 4	12°R21	14°R30	12♈53	2♒18	n.a.	M 1
T 2	3 33 43	24° 7'27	16°35	0°57	24°58	29°29	0°42	23♈29	19° 8	19♊ 2	12♉20	14♈26	12°50	2°25	n.a.	T 2
W 3	3 37 40	25° 8'40	29°26	1°36	26°14	0♏14	0°46	23°26	19°11	19° 1	12°19	14°20	12°47	2°32	n.a.	W 3
T 4	3 41 36	26° 9'52	12♐ 3	2°19	27°29	0°59	0°50	23°22	19°15	18°59	12°18	14°13	12°44	2°39	n.a.	T 4
F 5	3 45 33	27°11'04	24°28	3° 7	28°44	1°44	0°55	23°18	19°18	18°58	12°17	14° 4	12°40	2°45	n.a.	F 5
S 6	3 49 30	28°12'14	6♑41	3°59	29°59	2°29	0°59	23°14	19°21	18°56	12°15	13°56	12°37	2°52	n.a.	S 6
S 7	3 53 26	29°13'24	18°43	4°55	1♐15	3°14	1° 4	23°11	19°24	18°55	12°14	13°48	12°34	2°59	n.a.	S 7
M 8	3 57 23	0♐14'32	0♒38	5°54	2°30	4° 0	1° 9	23° 7	19°28	18°53	12°13	13°42	12°31	3° 6	n.a.	M 8
T 9	4 1 19	1°15'39	12°29	6°55	3°45	4°45	1°14	23° 4	19°31	18°51	12°12	13°37	12°28	3°12	n.a.	T 9
W10	4 5 16	2°16'45	24°20	8° 0	5° 1	5°30	1°20	23° 1	19°34	18°50	12°11	13°35	12°25	3°19	n.a.	W10
T 11	4 9 12	3°17'49	6♓17	9° 6	6°16	6°16	1°25	22°57	19°38	18°48	12°10	13°D35	12°21	3°26	n.a.	T 11
F 12	4 13 9	4°18'51	18°24	10°15	7°31	7° 1	1°31	22°54	19°41	18°47	12° 8	13°36	12°18	3°32	n.a.	F 12
S 13	4 17 5	5°19'53	0♈46	11°26	8°46	7°46	1°37	22°51	19°45	18°45	12° 7	13°37	12°15	3°39	n.a.	S 13
S 14	4 21 2	6°20'53	13°29	12°39	10° 1	8°32	1°43	22°48	19°48	18°43	12° 6	13°R38	12°12	3°46	n.a.	S 14
M15	4 24 59	7°21'51	26°36	13°53	11°16	9°17	1°49	22°46	19°51	18°42	12° 5	13°37	12° 9	3°53	n.a.	M15
T 16	4 28 55	8°22'48	10♉ 9	15° 9	12°32	10° 3	1°56	22°43	19°55	18°40	12° 4	13°34	12° 6	3°59	n.a.	T 16
W17	4 32 52	9°23'44	24° 8	16°27	13°47	10°48	2° 2	22°40	19°58	18°38	12° 3	13°28	12° 2	4° 6	n.a.	W17
T 18	4 36 48	10°24'38	8♊31	17°46	15° 2	11°34	2° 9	22°38	20° 2	18°37	12° 2	13°21	11°59	4°13	n.a.	T 18
F 19	4 40 45	11°25'31	23°10	19° 6	16°17	12°20	2°16	22°35	20° 5	18°35	12° 1	13°11	11°56	4°19	n.a.	F 19
S 20	4 44 41	12°26'22	8♋ 0	20°27	17°32	13° 5	2°23	22°33	20° 9	18°33	12° 0	13° 2	11°53	4°26	n.a.	S 20
S 21	4 48 38	13°27'13	22°50	21°49	18°47	13°51	2°30	22°31	20°12	18°32	11°59	12°53	11°50	4°33	n.a.	S 21
M22	4 52 35	14°28'02	7♌34	23°13	20° 2	14°36	2°37	22°29	20°15	18°30	11°58	12°46	11°46	4°40	n.a.	M22
T 23	4 56 31	15°28'49	22° 4	24°37	21°17	15°22	2°45	22°27	20°19	18°28	11°57	12°41	11°43	4°46	n.a.	T 23
W24	5 0 28	16°29'36	6♍17	26° 3	22°32	16° 8	2°53	22°25	20°22	18°27	11°56	12°39	11°40	4°53	n.a.	W24
T 25	5 4 24	17°30'21	20°11	27°29	23°47	16°54	3° 0	22°23	20°26	18°25	11°55	12°D38	11°37	5° 0	n.a.	T 25
F 26	5 8 21	18°31'05	3♎48	28°57	25° 2	17°39	3° 8	22°21	20°29	18°23	11°54	12°39	11°34	5° 6	n.a.	F 26
S 27	5 12 17	19°31'48	17° 8	0♐25	26°17	18°25	3°16	22°20	20°33	18°22	11°53	12°R39	11°31	5°13	n.a.	S 27
S 28	5 16 14	20°32'29	0♏13	1°54	27°32	19°11	3°25	22°18	20°36	18°20	11°52	12°37	11°27	5°20	n.a.	S 28
M29	5 20 10	21°33'09	13° 6	3°25	28°47	19°57	3°33	22°17	20°40	18°18	11°51	12°33	11°24	5°27	n.a.	M29
T 30	5 24 7	22°33'47	25°48	4°56	0♑ 2	20°43	3°42	22°16	20°43	18°17	11°50	12°27	11°21	5°33	n.a.	T 30
W31	5 28 4	23♐34'24	8♐20	6♐28	1♑17	21♏29	3♓50	22♈14	20♐47	18♊15	11♉49	12♈17	11♈18	5♒40	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	18s56	14s32	1s41	9s15	2n47	19s25	0s20	11s 8	0n 7	12s56	1s34	7n14	2s16	23s49	0s21	23n 6	0s22	11n43	4s21	5n50	5n11	24s46			n.a.
T 2	19 11	19 46	2 45	9 33	2 40	19 46	0 22	11 25	0 6	12 54	1 34	7 12	2 16	23 49	0 21	23 6	0 22	11 43	4 21	5 48	5 10	24 44			n.a.
W 3	19 26	24 0	3 39	9 53	2 33	20 6	0 25	11 42	0 6	12 53	1 33	7 11	2 16	23 49	0 21	23 6	0 22	11 42	4 21	5 46	5 9	24 42			n.a.
T 4	19 41	27 1	4 21	10 16	2 25	20 26	0 27	11 58	0 5	12 51	1 33	7 10	2 15	23 50	0 21	23 6	0 22	11 42	4 21	5 43	5 8	24 40			n.a.
F 5	19 56	28 39	4 50	10 40	2 17	20 46	0 29	12 15	0 4	12 49	1 33	7 9	2 15	23 50	0 21	23 6	0 22	11 42	4 21	5 40	5 6	24 38			n.a.
S 6	20 10	28 50	5 5	11 5	2 9	21 4	0 31	12 32	0 4	12 47	1 32	7 8	2 15	23 50	0 21	23 6	0 22	11 41	4 21	5 36	5 5	24 37			n.a.
S 7	20 24	27 39	5 7	11 32	2 0	21 23	0 34	12 48	0 3	12 45	1 32	7 7	2 15	23 50	0 21	23 6	0 22	11 41	4 21	5 33	5 4	24 35			n.a.
M 8	20 37	25 13	4 55	12 0	1 52	21 40	0 36	13 5	0 2	12 43	1 32	7 5	2 14	23 51	0 21	23 6	0 22	11 41	4 21	5 31	5 3	24 33			n.a.
T 9	20 50	21 43	4 30	12 29	1 43	21 57	0 38	13 21	0 1	12 40	1 31	7 4	2 14	23 51	0 21	23 5	0 22	11 41	4 21	5 29	5 1	24 31			n.a.
W10	21 3	17 20	3 54	12 58	1 35	22 13	0 40	13 37	0 1	12 38	1 31	7 3	2 14	23 51	0 21	23 5	0 22	11 40	4 21	5 28	5 0	24 29			n.a.
T 11	21 15	12 17	3 7	13 28	1 26	22 29	0 42	13 53	0s 0	12 36	1 31	7 2	2 14	23 51	0 21	23 5	0 22	11 40	4 21	5 28	4 59	24 27			n.a.
F 12	21 26	6 41	2 11	13 59	1 17	22 44	0 44	14 9	0 1	12 33	1 30	7 1	2 13	23 52	0 21	23 5	0 22	11 40	4 20	5 28	4 58	24 25			n.a.
S 13	21 38	0 44	1 9	14 29	1 9	22 58	0 46	14 25	0 2	12 31	1 30	7 1	2 13	23 52	0 21	23 5	0 22	11 40	4 20	5 29	4 56	24 23			n.a.
S 14	21 49	5n25	0 1	15 0	1 0	23 12	0 48	14 40	0 2	12 28	1 30	7 0	2 13	23 52	0 21	23 5	0 22	11 39	4 20	5 29	4 55	24 21			n.a.
M15	21 59	11 32	1n 9	15 31	0 51	23 25	0 50	14 56	0 3	12 26	1 29	6 59	2 13	23 53	0 21	23 5	0 22	11 39	4 20	5 29	4 54	24 19			n.a.
T 16	22 9	17 20	2 17	16 2	0 43	23 37	0 52	15 11	0 4	12 23	1 29	6 58	2 12	23 53	0 21	23 4	0 22	11 39	4 20	5 27	4 52	24 17			n.a.
W17	22 19	22 24	3 19	16 33	0 34	23 49	0 54	15 27	0 4	12 21	1 29	6 57	2 12	23 53	0 21	23 4	0 22	11 39	4 20	5 25	4 51	24 15			n.a.
T 18	22 28	26 17	4 10	17 3	0 26	23 59	0 56	15 42	0 5	12 18	1 29	6 57	2 12	23 53	0 21	23 4	0 22	11 38	4 20	5 22	4 50	24 13			n.a.
F 19	22 37	28 30	4 46	17 34	0 18	24 9	0 57	15 57	0 6	12 15	1 28	6 56	2 12	23 54	0 21	23 4	0 22	11 38	4 20	5 19	4 49	24 11			n.a.
S 20	22 45	28 43	5 3	18 4	0 10	24 19	0 59	16 12	0 7	12 12	1 28	6 55	2 11	23 54	0 21	23 4	0 22	11 38	4 20	5 15	4 47	24 9			n.a.
S 21	22 53	26 52	4 59	18 33	0 2	24 27	1 1	16 26	0 8	12 9	1 28	6 55	2 11	23 54	0 21	23 4	0 22	11 38	4 20	5 11	4 46	24 7			n.a.
M22	23 0	23 12	4 36	19 3	0s 6	24 35	1 3	16 41	0 8	12 6	1 27	6 54	2 11	23 54	0 21	23 4	0 22	11 38	4 19	5 8	4 45	24 5			n.a.
T 23	23 7	18 8	3 55	19 31	0 13	24 42	1 4	16 55	0 9	12 3	1 27	6 54	2 10	23 55	0 21	23 4	0 22	11 37	4 19	5 7	4 44	24 3			n.a.
W24	23 14	12 11	3 1	20 0	0 20	24 49	1 6	17 10	0 10	12 0	1 27	6 53	2 10	23 55	0 21	23 3	0 22	11 37	4 19	5 6	4 42	24 1			n.a.
T 25	23 20	5 45	1 57	20 27	0 28	24 54	1 7	17 24	0 11	11 57	1 26	6 53	2 10	23 55	0 21	23 3	0 22	11 37	4 19	5 5	4 41	23 59			n.a.
F 26	23 25	0s49	0 47	20 54	0 35	24 59	1 9	17 38	0 11	11 54	1 26	6 52	2 10	23 56	0 21	23 3	0 22	11 37	4 19	5 6	4 40	23 57			n.a.
S 27	23 30	7 14	0s24	21 20	0 41	25 3	1 10	17 51	0 12	11 50	1 26	6 52	2 9	23 56	0 21	23 3	0 22	11 37	4 19	5 6	4 39	23 55			n.a.
S 28	23 35	13 13	1 32	21 45	0 48	25 6	1 12	18 5	0 13	11 47	1 26	6 52	2 9	23 56	0 21	23 3	0 22	11 36	4 19	5 5	4 37	23 53			n.a.
M29	23 39	18 32	2 34	22 9	0 54	25 8	1 13	18 18	0 14	11 44	1 25	6 52	2 9	23 56	0 21	23 3	0 22	11 36	4 19	5 4	4 36	23 51			n.a.
T 30	23 43	22 57	3 27	22 33	1 1	25 10	1 14	18 32	0 14	11 40	1 25	6 51	2 8	23 57	0 21	23 3	0 22	11 36	4 19	5 1	4 35	23 49			n.a.
W31	23s46	26s15	4s10	22s55	1s 6	25s11	1s15	18s45	0s15	11s37	1s25	6n51	2s 8	23s57	0s21	23n 2	0s22	11n36	4s18	4n57	4n33	23s47			n.a.

Julian Day Number = 978473.5, Delta T = 13h16m44s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'54, Lahiri = -31°59'53 Julian Calendar 1 Dec. 2035 BCE == Greg. Calendar 14 Nov. 2035 BCE

The year -2034 astronomical counting style corresponds to year 2035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

JANUARY 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 32 0	24♐34'59	20♐42	8♐ 0	2♑32	22♏15	3♓59	22°R13	20♐50	18°R13	11°R48	12°R 5	11♈15	5♒47	n.a.	T 1
F 2	5 35 57	25°35'32	2♑56	9°34	3°47	23° 1	4° 8	22♈13	20°54	18♊12	11♉47	11♈51	11°12	5°53	n.a.	F 2
S 3	5 39 53	26°36'04	15° 1	11° 9	5° 2	23°46	4°17	22°12	20°57	18°10	11°47	11°37	11° 8	6° 0	n.a.	S 3
S 4	5 43 50	27°36'34	26°59	12°44	6°16	24°32	4°26	22°11	21° 1	18° 8	11°46	11°24	11° 5	6° 7	n.a.	S 4
M 5	5 47 46	28°37'01	8♒52	14°21	7°31	25°18	4°36	22°11	21° 4	18° 7	11°45	11°12	11° 2	6°14	n.a.	M 5
T 6	5 51 43	29°37'27	20°42	15°58	8°46	26° 4	4°45	22°10	21° 7	18° 5	11°44	11° 4	10°59	6°20	n.a.	T 6
W 7	5 55 40	0♑37'51	2♓31	17°37	10° 1	26°51	4°55	22°10	21°11	18° 3	11°43	10°58	10°56	6°27	n.a.	W 7
T 8	5 59 36	1°38'12	14°26	19°16	11°16	27°37	5° 4	22°10	21°14	18° 2	11°43	10°55	10°52	6°34	n.a.	T 8
F 9	6 3 33	2°38'31	26°29	20°56	12°30	28°23	5°14	22°D 9	21°18	18° 0	11°42	10°54	10°49	6°40	n.a.	F 9
S 10	6 7 29	3°38'48	8♈47	22°37	13°45	29° 9	5°24	22° 9	21°21	17°58	11°41	10°54	10°46	6°47	n.a.	S 10
S 11	6 11 26	4°39'03	21°25	24°19	15° 0	29°55	5°34	22°10	21°25	17°57	11°41	10°53	10°43	6°54	n.a.	S 11
M12	6 15 22	5°39'15	4♉28	26° 3	16°14	0♐41	5°44	22°10	21°28	17°55	11°40	10°52	10°40	7° 0	n.a.	M12
T 13	6 19 19	6°39'25	18° 0	27°47	17°29	1°27	5°54	22°10	21°31	17°54	11°39	10°48	10°37	7° 7	n.a.	T 13
W14	6 23 15	7°39'33	2♊ 1	29°32	18°44	2°13	6° 5	22°11	21°35	17°52	11°39	10°41	10°33	7°14	n.a.	W14
T 15	6 27 12	8°39'39	16°31	1♑18	19°58	2°59	6°15	22°11	21°38	17°51	11°38	10°32	10°30	7°21	n.a.	T 15
F 16	6 31 9	9°39'43	1♋24	3° 5	21°13	3°45	6°26	22°12	21°42	17°49	11°37	10°21	10°27	7°27	n.a.	F 16
S 17	6 35 5	10°39'45	16°33	4°54	22°27	4°32	6°36	22°13	21°45	17°48	11°37	10°10	10°24	7°34	n.a.	S 17
S 18	6 39 2	11°39'45	1♌46	6°43	23°42	5°18	6°47	22°14	21°48	17°46	11°36	9°59	10°21	7°41	n.a.	S 18
M19	6 42 58	12°39'42	16°52	8°34	24°57	6° 4	6°58	22°15	21°51	17°44	11°36	9°49	10°18	7°47	n.a.	M19
T 20	6 46 55	13°39'38	1♍44	10°25	26°11	6°50	7° 9	22°16	21°55	17°43	11°35	9°43	10°14	7°54	n.a.	T 20
W21	6 50 51	14°39'31	16°13	12°18	27°26	7°36	7°20	22°17	21°58	17°42	11°35	9°39	10°11	8° 1	n.a.	W21
T 22	6 54 48	15°39'23	0♎18	14°11	28°40	8°23	7°31	22°18	22° 1	17°40	11°34	9°38	10° 8	8° 8	n.a.	T 22
F 23	6 58 44	16°39'13	13°57	16° 6	29°54	9° 9	7°43	22°20	22° 5	17°39	11°34	9°38	10° 5	8°14	n.a.	F 23
S 24	7 2 41	17°39'01	27°15	18° 1	1♒ 9	9°55	7°54	22°22	22° 8	17°37	11°34	9°38	10° 2	8°21	n.a.	S 24
S 25	7 6 37	18°38'48	10♏12	19°58	2°23	10°41	8° 5	22°23	22°11	17°36	11°33	9°36	9°58	8°28	n.a.	S 25
M26	7 10 34	19°38'32	22°53	21°55	3°38	11°28	8°17	22°25	22°14	17°34	11°33	9°32	9°55	8°34	n.a.	M26
T 27	7 14 31	20°38'15	5♐21	23°53	4°52	12°14	8°28	22°27	22°17	17°33	11°32	9°26	9°52	8°41	n.a.	T 27
W28	7 18 27	21°37'55	17°38	25°51	6° 6	13° 0	8°40	22°29	22°21	17°32	11°32	9°16	9°49	8°48	n.a.	W28
T 29	7 22 24	22°37'34	29°48	27°50	7°21	13°46	8°52	22°31	22°24	17°30	11°32	9° 4	9°46	8°55	n.a.	T 29
F 30	7 26 20	23°37'10	11♑50	29°49	8°35	14°33	9° 4	22°33	22°27	17°29	11°32	8°50	9°43	9° 1	n.a.	F 30
S 31	7 30 17	24♑36'45	23♑48	1♒48	9♒49	15♐19	9♓16	22♈36	22♐30	17♊28	11♉31	8♈36	9♈39	9♒ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s49	28 s15	4 s40	23 s17	1 s12	25 s11	1 s17	18 s58	0 s16	11 s33	1 s24	6n51	2 s 8	23 s57	0 s21	23n 2	0 s22	11n36	4 s18	4n52	4n32	23 s44			n.a.
F 2	23 51	28 50	4 57	23 37	1 18	25 10	1 18	19 10	0 17	11 30	1 24	6 51	2 8	23 57	0 21	23 2	0 22	11 36	4 18	4 47	4 31	23 42			n.a.
S 3	23 53	28 1	5 0	23 56	1 23	25 9	1 19	19 23	0 18	11 26	1 24	6 51	2 7	23 58	0 21	23 2	0 21	11 36	4 18	4 41	4 30	23 40			n.a.
S 4	23 54	25 55	4 49	24 14	1 28	25 6	1 20	19 35	0 18	11 22	1 24	6 51	2 7	23 58	0 21	23 2	0 21	11 35	4 18	4 36	4 28	23 38			n.a.
M 5	23 55	22 41	4 27	24 31	1 32	25 3	1 21	19 47	0 19	11 19	1 23	6 51	2 7	23 58	0 21	23 2	0 21	11 35	4 18	4 31	4 27	23 36			n.a.
T 6	23 56	18 33	3 52	24 46	1 36	24 59	1 22	19 59	0 20	11 15	1 23	6 51	2 6	23 58	0 21	23 2	0 21	11 35	4 18	4 28	4 26	23 34			n.a.
W 7	23 56	13 42	3 8	25 0	1 40	24 55	1 23	20 11	0 21	11 11	1 23	6 51	2 6	23 59	0 21	23 2	0 21	11 35	4 17	4 26	4 25	23 32			n.a.
T 8	23 55	8 19	2 15	25 13	1 44	24 49	1 23	20 23	0 21	11 7	1 23	6 52	2 6	23 59	0 21	23 1	0 21	11 35	4 17	4 24	4 23	23 30			n.a.
F 9	23 54	2 34	1 15	25 24	1 47	24 43	1 24	20 34	0 22	11 3	1 22	6 52	2 6	23 59	0 21	23 1	0 21	11 35	4 17	4 24	4 22	23 28			n.a.
S 10	23 53	3n23	0 11	25 33	1 50	24 36	1 25	20 45	0 23	10 59	1 22	6 52	2 5	23 59	0 21	23 1	0 21	11 35	4 17	4 24	4 21	23 25			n.a.
S 11	23 51	9 22	0n55	25 41	1 53	24 29	1 25	20 56	0 24	10 55	1 22	6 52	2 5	24 0	0 21	23 1	0 21	11 35	4 17	4 24	4 20	23 23			n.a.
M12	23 48	15 10	2 1	25 47	1 55	24 20	1 26	21 7	0 25	10 51	1 22	6 53	2 5	24 0	0 21	23 1	0 21	11 35	4 17	4 23	4 18	23 21			n.a.
T 13	23 45	20 27	3 2	25 51	1 57	24 11	1 26	21 17	0 25	10 47	1 21	6 53	2 4	24 0	0 21	23 1	0 21	11 35	4 17	4 22	4 17	23 19			n.a.
W14	23 42	24 49	3 55	25 54	1 58	24 1	1 27	21 28	0 26	10 43	1 21	6 54	2 4	24 0	0 21	23 1	0 21	11 34	4 17	4 19	4 16	23 17			n.a.
T 15	23 38	27 47	4 34	25 54	1 59	23 51	1 27	21 38	0 27	10 39	1 21	6 54	2 4	24 0	0 21	23 0	0 21	11 34	4 16	4 15	4 14	23 15			n.a.
F 16	23 34	28 52	4 56	25 53	1 59	23 39	1 27	21 47	0 28	10 35	1 21	6 55	2 3	24 1	0 21	23 0	0 21	11 34	4 16	4 11	4 13	23 12			n.a.
S 17	23 29	27 48	4 58	25 50	2 0	23 27	1 27	21 57	0 29	10 31	1 20	6 55	2 3	24 1	0 21	23 0	0 21	11 34	4 16	4 6	4 12	23 10			n.a.
S 18	23 24	24 42	4 39	25 44	1 59	23 14	1 28	22 6	0 29	10 26	1 20	6 56	2 3	24 1	0 21	23 0	0 21	11 34	4 16	4 2	4 11	23 8			n.a.
M19	23 19	19 54	4 0	25 37	1 58	23 1	1 28	22 15	0 30	10 22	1 20	6 57	2 2	24 1	0 21	23 0	0 21	11 34	4 16	3 58	4 9	23 6			n.a.
T 20	23 13	13 57	3 6	25 27	1 57	22 47	1 28	22 24	0 31	10 18	1 20	6 57	2 2	24 2	0 21	23 0	0 21	11 34	4 16	3 56	4 8	23 4			n.a.
W21	23 6	7 23	2 0	25 15	1 55	22 32	1 28	22 33	0 32	10 13	1 20	6 58	2 2	24 2	0 21	23 0	0 21	11 34	4 15	3 54	4 7	23 1			n.a.
T 22	22 59	0 38	0 49	25 1	1 52	22 17	1 28	22 41	0 33	10 9	1 19	6 59	2 2	24 2	0 21	23 0	0 21	11 34	4 15	3 54	4 6	22 59			n.a.
F 23	22 52	5 s58	0 s23	24 45	1 49	22 0	1 27	22 50	0 33	10 4	1 19	7 0	2 1	24 2	0 21	22 59	0 21	11 34	4 15	3 54	4 4	22 57			n.a.
S 24	22 44	12 7	1 32	24 26	1 46	21 44	1 27	22 57	0 34	10 0	1 19	7 1	2 1	24 2	0 21	22 59	0 21	11 34	4 15	3 53	4 3	22 55			n.a.
S 25	22 36	17 36	2 34	24 5	1 41	21 26	1 27	23 5	0 35	9 55	1 19	7 2	2 1	24 3	0 21	22 59	0 21	11 34	4 15	3 53	4 2	22 53			n.a.
M26	22 27	22 12	3 27	23 42	1 37	21 8	1 26	23 12	0 36	9 51	1 18	7 2	2 0	24 3	0 21	22 59	0 21	11 34	4 15	3 51	4 0	22 50			n.a.
T 27	22 18	25 43	4 9	23 16	1 31	20 50	1 26	23 20	0 37	9 46	1 18	7 3	2 0	24 3	0 21	22 59	0 21	11 34	4 15	3 49	3 59	22 48			n.a.
W28	22 9	27 59	4 39	22 48	1 25	20 31	1 26	23 27	0 37	9 41	1 18	7 5	2 0	24 3	0 21	22 59	0 21	11 34	4 14	3 45	3 58	22 46			n.a.
T 29	21 59	28 52	4 56	22 18	1 18	20 11	1 25	23 33	0 38	9 37	1 18	7 6	2 0	24 3	0 21	22 59	0 21	11 34	4 14	3 40	3 57	22 44			n.a.
F 30	21 49	28 22	5 0	21 45	1 11	19 50	1 24	23 40	0 39	9 32	1 18	7 7	1 59	24 4	0 21	22 59	0 21	11 35	4 14	3 34	3 55	22 41			n.a.
S 31	21 s38	26 s32	4 s50	21 s11	1 s 3	19 s30	1 s24	23 s46	0 s40	9 s27	1 s18	7n 8	1 s59	24 s 4	0 s21	22n59	0 s21	11n35	4 s14	3n29	3n54	22 s39			n.a.

Julian Day Number = 978504.5, Delta T = 13h16m42s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'50, Lahiri = -31°59'49 Julian Calendar 1 Jan. 2034 BCE == Greg. Calendar 15 Dec. 2035 BCE

The year -2033 astronomical counting style corresponds to year 2034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

FEBRUARY 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 34 13	25♉36'17	5♒41	3♒48	11♒ 3	16♐ 5	9♓28	22♈38	22♐33	17°R27	11°R31	8°R23	9♈36	9♒15	n.a.	S 1
M 2	7 38 10	26°35'47	17°31	5°46	12°18	16°52	9°40	22°41	22°36	17♊25	11♉31	8♈12	9°33	9°21	n.a.	M 2
T 3	7 42 6	27°35'14	29°21	7°44	13°32	17°38	9°52	22°43	22°39	17°24	11°31	8° 3	9°30	9°28	n.a.	T 3
W 4	7 46 3	28°34'39	11♓12	9°41	14°46	18°24	10° 4	22°46	22°42	17°23	11°30	7°57	9°27	9°35	n.a.	W 4
T 5	7 50 0	29°34'02	23° 8	11°36	16° 0	19°10	10°17	22°49	22°45	17°22	11°30	7°53	9°24	9°41	n.a.	T 5
F 6	7 53 56	0♒33'22	5♈12	13°30	17°14	19°57	10°29	22°52	22°48	17°21	11°30	7°D52	9°20	9°48	n.a.	F 6
S 7	7 57 53	1°32'40	17°29	15°21	18°28	20°43	10°41	22°55	22°51	17°19	11°30	7°53	9°17	9°55	n.a.	S 7
S 8	8 1 49	2°31'55	0♉ 4	17°10	19°42	21°29	10°54	22°58	22°54	17°18	11°30	7°R53	9°14	10° 2	n.a.	S 8
M 9	8 5 46	3°31'08	13° 1	18°55	20°56	22°16	11° 7	23° 2	22°56	17°17	11°30	7°53	9°11	10° 8	n.a.	M 9
T 10	8 9 42	4°30'18	26°25	20°37	22°10	23° 2	11°19	23° 5	22°59	17°16	11°D30	7°50	9° 8	10°15	n.a.	T 10
W11	8 13 39	5°29'26	10♊19	22°15	23°24	23°48	11°32	23° 9	23° 2	17°15	11°30	7°46	9° 4	10°22	n.a.	W11
T 12	8 17 35	6°28'32	24°42	23°49	24°38	24°34	11°45	23°12	23° 5	17°14	11°30	7°39	9° 1	10°28	n.a.	T 12
F 13	8 21 32	7°27'35	9♋32	25°18	25°52	25°21	11°58	23°16	23° 7	17°13	11°30	7°31	8°58	10°35	n.a.	F 13
S 14	8 25 28	8°26'36	24°41	26°42	27° 6	26° 7	12°10	23°20	23°10	17°12	11°30	7°22	8°55	10°42	n.a.	S 14
S 15	8 29 25	9°25'34	10♌ 0	28° 0	28°20	26°53	12°23	23°23	23°13	17°12	11°30	7°14	8°52	10°49	n.a.	S 15
M16	8 33 22	10°24'30	25°18	29°13	29°34	27°39	12°36	23°27	23°15	17°11	11°30	7° 6	8°49	10°55	n.a.	M16
T 17	8 37 18	11°23'24	10♍23	0♓20	0♓47	28°26	12°49	23°31	23°18	17°10	11°30	7° 1	8°45	11° 2	n.a.	T 17
W18	8 41 15	12°22'16	25° 7	1°20	2° 1	29°12	13° 2	23°36	23°21	17° 9	11°31	6°59	8°42	11° 9	n.a.	W18
T 19	8 45 11	13°21'06	9♎26	2°14	3°15	29°58	13°16	23°40	23°23	17° 8	11°31	6°D58	8°39	11°15	n.a.	T 19
F 20	8 49 8	14°19'54	23°17	3° 2	4°28	0♑44	13°29	23°44	23°26	17° 7	11°31	6°59	8°36	11°22	n.a.	F 20
S 21	8 53 4	15°18'40	6♏41	3°44	5°42	1°30	13°42	23°49	23°28	17° 7	11°31	7° 0	8°33	11°29	n.a.	S 21
S 22	8 57 1	16°17'25	19°41	4°18	6°56	2°16	13°55	23°53	23°31	17° 6	11°32	7°R 0	8°30	11°35	n.a.	S 22
M23	9 0 57	17°16'07	2♐20	4°46	8° 9	3° 3	14° 9	23°58	23°33	17° 5	11°32	6°59	8°26	11°42	n.a.	M23
T 24	9 4 54	18°14'48	14°43	5° 7	9°23	3°49	14°22	24° 2	23°35	17° 5	11°32	6°56	8°23	11°49	n.a.	T 24
W25	9 8 50	19°13'27	26°54	5°21	10°36	4°35	14°35	24° 7	23°38	17° 4	11°32	6°50	8°20	11°56	n.a.	W25
T 26	9 12 47	20°12'04	8♑55	5°29	11°50	5°21	14°49	24°12	23°40	17° 3	11°33	6°43	8°17	12° 2	n.a.	T 26
F 27	9 16 44	21°10'39	20°51	5°R31	13° 3	6° 7	15° 2	24°17	23°42	17° 3	11°33	6°35	8°14	12° 9	n.a.	F 27
S 28	9 20 40	22♒ 9'12	2♒43	5♓26	14♓16	6♑53	15♓16	24♈22	23♐44	17♊ 2	11♉34	6♈26	8♈10	12♒16	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21 s27	23 s33	4 s27	20 s35	0 s54	19 s 8	1 s23	23 s52	0 s41	9 s22	1 s17	7n 9	1 s59	24 s 4	0 s21	22n59	0 s21	11n35	4 s14	3n23	3n53	22 s37			n.a.
M 2	21 16	19 35	3 53	19 56	0 45	18 46	1 22	23 57	0 41	9 17	1 17	7 10	1 58	24 4	0 21	22 58	0 21	11 35	4 14	3 19	3 52	22 34			n.a.
T 3	21 4	14 53	3 9	19 16	0 35	18 24	1 21	24 2	0 42	9 13	1 17	7 12	1 58	24 4	0 21	22 58	0 21	11 35	4 14	3 15	3 50	22 32			n.a.
W 4	20 52	9 37	2 17	18 35	0 24	18 1	1 20	24 8	0 43	9 8	1 17	7 13	1 58	24 5	0 21	22 58	0 21	11 35	4 13	3 13	3 49	22 30			n.a.
T 5	20 39	3 58	1 18	17 52	0 13	17 37	1 19	24 12	0 44	9 3	1 17	7 14	1 57	24 5	0 21	22 58	0 21	11 35	4 13	3 12	3 48	22 28			n.a.
F 6	20 27	1n53	0 14	17 9	0 2	17 13	1 18	24 17	0 45	8 58	1 16	7 16	1 57	24 5	0 21	22 58	0 21	11 35	4 13	3 11	3 46	22 25			n.a.
S 7	20 13	7 47	0n51	16 24	0n10	16 49	1 17	24 21	0 45	8 53	1 16	7 17	1 57	24 5	0 21	22 58	0 21	11 35	4 13	3 11	3 45	22 23			n.a.
S 8	20 0	13 31	1 55	15 39	0 22	16 24	1 16	24 25	0 46	8 48	1 16	7 19	1 57	24 5	0 21	22 58	0 21	11 35	4 13	3 11	3 44	22 21			n.a.
M 9	19 46	18 51	2 56	14 54	0 35	15 59	1 14	24 29	0 47	8 43	1 16	7 20	1 56	24 6	0 21	22 58	0 21	11 36	4 13	3 11	3 43	22 18			n.a.
T 10	19 32	23 27	3 49	14 10	0 48	15 33	1 13	24 32	0 48	8 38	1 16	7 22	1 56	24 6	0 21	22 58	0 21	11 36	4 12	3 10	3 41	22 16			n.a.
W11	19 17	26 54	4 30	13 25	1 1	15 7	1 12	24 35	0 49	8 33	1 16	7 23	1 56	24 6	0 21	22 58	0 21	11 36	4 12	3 9	3 40	22 14			n.a.
T 12	19 2	28 45	4 56	12 42	1 14	14 41	1 10	24 38	0 49	8 27	1 15	7 25	1 56	24 6	0 21	22 58	0 21	11 36	4 12	3 6	3 39	22 11			n.a.
F 13	18 47	28 38	5 4	12 0	1 27	14 14	1 9	24 41	0 50	8 22	1 15	7 26	1 55	24 6	0 21	22 58	0 21	11 36	4 12	3 3	3 38	22 9			n.a.
S 14	18 31	26 23	4 50	11 19	1 40	13 47	1 7	24 43	0 51	8 17	1 15	7 28	1 55	24 6	0 21	22 57	0 21	11 36	4 12	2 59	3 36	22 7			n.a.
S 15	18 16	22 12	4 16	10 40	1 52	13 19	1 6	24 45	0 52	8 12	1 15	7 30	1 55	24 7	0 21	22 57	0 21	11 36	4 12	2 55	3 35	22 4			n.a.
M16	17 59	16 32	3 24	10 3	2 5	12 51	1 4	24 47	0 52	8 7	1 15	7 31	1 54	24 7	0 21	22 57	0 21	11 37	4 12	2 53	3 34	22 2			n.a.
T 17	17 43	9 56	2 17	9 28	2 16	12 23	1 2	24 48	0 53	8 2	1 15	7 33	1 54	24 7	0 21	22 57	0 21	11 37	4 11	2 51	3 32	22 0			n.a.
W18	17 26	2 56	1 3	8 55	2 28	11 54	1 0	24 50	0 54	7 56	1 14	7 35	1 54	24 7	0 21	22 57	0 21	11 37	4 11	2 50	3 31	21 57			n.a.
T 19	17 9	4 s 1	0 s13	8 26	2 38	11 26	0 59	24 51	0 55	7 51	1 14	7 37	1 54	24 7	0 21	22 57	0 21	11 37	4 11	2 49	3 30	21 55			n.a.
F 20	16 52	10 33	1 26	7 59	2 48	10 57	0 57	24 51	0 55	7 46	1 14	7 39	1 53	24 7	0 22	22 57	0 21	11 37	4 11	2 50	3 29	21 52			n.a.
S 21	16 34	16 25	2 33	7 35	2 58	10 27	0 55	24 52	0 56	7 40	1 14	7 41	1 53	24 7	0 22	22 57	0 21	11 38	4 11	2 50	3 27	21 50			n.a.
S 22	16 17	21 21	3 29	7 15	3 6	9 58	0 53	24 52	0 57	7 35	1 14	7 42	1 53	24 8	0 22	22 57	0 20	11 38	4 11	2 50	3 26	21 48			n.a.
M23	15 59	25 11	4 13	6 58	3 13	9 28	0 51	24 51	0 58	7 30	1 14	7 44	1 53	24 8	0 22	22 57	0 20	11 38	4 10	2 50	3 25	21 45			n.a.
T 24	15 40	27 45	4 45	6 44	3 20	8 58	0 49	24 51	0 59	7 24	1 14	7 46	1 52	24 8	0 22	22 57	0 20	11 38	4 10	2 48	3 23	21 43			n.a.
W25	15 22	28 56	5 3	6 34	3 25	8 27	0 46	24 50	0 59	7 19	1 14	7 48	1 52	24 8	0 22	22 57	0 20	11 39	4 10	2 46	3 22	21 40			n.a.
T 26	15 3	28 44	5 7	6 28	3 29	7 57	0 44	24 49	1 0	7 13	1 13	7 50	1 52	24 8	0 22	22 57	0 20	11 39	4 10	2 43	3 21	21 38			n.a.
F 27	14 44	27 11	4 58	6 25	3 31	7 26	0 42	24 48	1 1	7 8	1 13	7 53	1 52	24 8	0 22	22 57	0 20	11 39	4 10	2 40	3 20	21 36			n.a.
S 28	14 s25	24 s25	4 s36	6 s25	3n33	6 s55	0 s40	24 s46	1 s 1	7 s 3	1 s13	7n55	1 s51	24 s 8	0 s22	22n57	0 s20	11n39	4 s10	2n36	3n18	21 s33			n.a.

Julian Day Number = 978535.5, Delta T = 13h16m40s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'45, Lahiri = -31°59'45 Julian Calendar 1 Feb. 2034 BCE == Greg. Calendar 15 Jan. 2034 BCE

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

MARCH 2034 BCE (-2033) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 24 37	23♒ 7'43	14♒33	5°R15	15♓30	7♋39	15♓29	24♈27	23♐47	17°R 2	11♉34	6°R18	8♈ 7	12♒22	n.a.	S 1
M 2	9 28 33	24° 6'12	26°24	4♓58	16°43	8°25	15°43	24°32	23°49	17♊ 1	11°34	6♈11	8° 4	12°29	n.a.	M 2
T 3	9 32 30	25° 4'39	8♓16	4°36	17°56	9°11	15°57	24°37	23°51	17° 1	11°35	6° 5	8° 1	12°36	n.a.	T 3
W 4	9 36 26	26° 3'03	20°12	4°10	19°10	9°57	16°10	24°42	23°53	17° 1	11°35	6° 2	7°58	12°42	n.a.	W 4
T 5	9 40 23	27° 1'26	2♈15	3°39	20°23	10°43	16°24	24°48	23°55	17° 0	11°36	6°D 1	7°55	12°49	n.a.	T 5
F 6	9 44 19	27°59'46	14°26	3° 5	21°36	11°29	16°38	24°53	23°57	17° 0	11°36	6° 1	7°51	12°56	n.a.	F 6
S 7	9 48 16	28°58'05	26°49	2°28	22°49	12°15	16°52	24°59	23°59	17° 0	11°37	6° 2	7°48	13° 3	n.a.	S 7
S 8	9 52 12	29°56'21	9♉28	1°48	24° 2	13° 1	17° 5	25° 4	24° 1	16°59	11°38	6° 4	7°45	13° 9	n.a.	S 8
M 9	9 56 9	0♓54'35	22°26	1° 7	25°15	13°47	17°19	25°10	24° 2	16°59	11°38	6° 5	7°42	13°16	n.a.	M 9
T 10	10 0 6	1°52'47	5♊46	0°26	26°28	14°33	17°33	25°16	24° 4	16°59	11°39	6°R 5	7°39	13°23	n.a.	T 10
W11	10 4 2	2°50'56	19°31	29♒45	27°41	15°18	17°47	25°22	24° 6	16°59	11°39	6° 4	7°35	13°29	n.a.	W11
T 12	10 7 59	3°49'04	3♋42	29° 4	28°54	16° 4	18° 1	25°28	24° 8	16°59	11°40	6° 2	7°32	13°36	n.a.	T 12
F 13	10 11 55	4°47'09	18°18	28°25	0♈ 7	16°50	18°15	25°33	24° 9	16°59	11°41	5°58	7°29	13°43	n.a.	F 13
S 14	10 15 52	5°45'12	3♌12	27°48	1°20	17°36	18°29	25°39	24°11	16°58	11°41	5°54	7°26	13°49	n.a.	S 14
S 15	10 19 48	6°43'13	18°19	27°14	2°33	18°21	18°43	25°46	24°12	16°58	11°42	5°50	7°23	13°56	n.a.	S 15
M16	10 23 45	7°41'12	3♍30	26°43	3°45	19° 7	18°56	25°52	24°14	16°D58	11°43	5°46	7°20	14° 3	n.a.	M16
T 17	10 27 41	8°39'09	18°33	26°16	4°58	19°53	19°10	25°58	24°16	16°58	11°44	5°44	7°16	14°10	n.a.	T 17
W18	10 31 38	9°37'05	3♎21	25°52	6°11	20°38	19°24	26° 4	24°17	16°58	11°44	5°D43	7°13	14°16	n.a.	W18
T 19	10 35 34	10°34'59	17°47	25°33	7°23	21°24	19°38	26°10	24°18	16°59	11°45	5°44	7°10	14°23	n.a.	T 19
F 20	10 39 31	11°32'51	1♏46	25°19	8°36	22° 9	19°52	26°17	24°20	16°59	11°46	5°45	7° 7	14°30	n.a.	F 20
S 21	10 43 28	12°30'42	15°19	25° 9	9°48	22°55	20° 6	26°23	24°21	16°59	11°47	5°46	7° 4	14°36	n.a.	S 21
S 22	10 47 24	13°28'32	28°26	25° 4	11° 1	23°40	20°20	26°30	24°22	16°59	11°48	5°48	7° 1	14°43	n.a.	S 22
M23	10 51 21	14°26'20	11♐10	25°D 4	12°13	24°26	20°34	26°36	24°23	16°59	11°49	5°R48	6°57	14°50	n.a.	M23
T 24	10 55 17	15°24'07	23°35	25° 8	13°25	25°11	20°49	26°43	24°25	17° 0	11°50	5°48	6°54	14°56	n.a.	T 24
W25	10 59 14	16°21'52	5♋45	25°18	14°38	25°56	21° 3	26°49	24°26	17° 0	11°50	5°47	6°51	15° 3	n.a.	W25
T 26	11 3 10	17°19'36	17°44	25°32	15°50	26°42	21°17	26°56	24°27	17° 0	11°51	5°45	6°48	15°10	n.a.	T 26
F 27	11 7 7	18°17'19	29°37	25°50	17° 2	27°27	21°31	27° 3	24°28	17° 1	11°52	5°43	6°45	15°16	n.a.	F 27
S 28	11 11 3	19°15'01	11♒27	26°13	18°14	28°12	21°45	27°10	24°29	17° 1	11°53	5°40	6°41	15°23	n.a.	S 28
S 29	11 15 0	20°12'41	23°17	26°40	19°27	28°58	21°59	27°17	24°30	17° 1	11°54	5°38	6°38	15°30	n.a.	S 29
M30	11 18 57	21°10'19	5♓11	27°11	20°39	29°43	22°13	27°23	24°31	17° 2	11°55	5°36	6°35	15°37	n.a.	M30
T 31	11 22 53	22♓ 7'57	17♓ 9	27♒46	21♈51	0♒28	22♓27	27♈30	24♐32	17♊ 2	11♉56	5♈34	6♈32	15♒43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	14s 5	20s39	4s 2	6s30	3n32	6s24	0s37	24s44	1s 2	6s57	1s13	7n57	1s51	24s 9	0s22	22n57	0s20	11n40	4s10	2n33	3n17	21s31			n.a.
M 2	13 45	16 4	3 18	6 37	3 31	5 53	0 35	24 42	1 3	6 52	1 13	7 59	1 51	24 9	0 22	22 57	0 20	11 40	4 9	2 30	3 16	21 28			n.a.
T 3	13 26	10 52	2 25	6 48	3 28	5 22	0 33	24 40	1 4	6 46	1 13	8 1	1 51	24 9	0 22	22 57	0 20	11 40	4 9	2 28	3 15	21 26			n.a.
W 4	13 6	5 15	1 25	7 2	3 23	4 50	0 30	24 37	1 4	6 41	1 13	8 3	1 50	24 9	0 22	22 57	0 20	11 41	4 9	2 27	3 13	21 23			n.a.
T 5	12 45	0n36	0 20	7 20	3 17	4 19	0 28	24 34	1 5	6 35	1 13	8 5	1 50	24 9	0 22	22 57	0 20	11 41	4 9	2 26	3 12	21 21			n.a.
F 6	12 25	6 30	0n46	7 39	3 9	3 47	0 25	24 31	1 6	6 29	1 13	8 8	1 50	24 9	0 22	22 57	0 20	11 41	4 9	2 26	3 11	21 18			n.a.
S 7	12 4	12 16	1 51	8 1	3 0	3 15	0 23	24 27	1 7	6 24	1 12	8 10	1 50	24 9	0 22	22 57	0 20	11 41	4 9	2 27	3 9	21 16			n.a.
S 8	11 43	17 39	2 52	8 25	2 49	2 43	0 20	24 24	1 7	6 18	1 12	8 12	1 50	24 9	0 22	22 57	0 20	11 42	4 8	2 27	3 8	21 13			n.a.
M 9	11 22	22 23	3 46	8 51	2 37	2 11	0 17	24 20	1 8	6 13	1 12	8 15	1 49	24 9	0 22	22 57	0 20	11 42	4 8	2 28	3 7	21 11			n.a.
T 10	11 1	26 8	4 30	9 18	2 24	1 39	0 15	24 15	1 9	6 7	1 12	8 17	1 49	24 10	0 22	22 57	0 20	11 42	4 8	2 28	3 6	21 9			n.a.
W11	10 40	28 29	4 59	9 46	2 11	1 7	0 12	24 11	1 9	6 2	1 12	8 19	1 49	24 10	0 22	22 57	0 20	11 43	4 8	2 27	3 4	21 6			n.a.
T 12	10 19	29 4	5 12	10 14	1 56	0 35	0 9	24 6	1 10	5 56	1 12	8 22	1 49	24 10	0 22	22 57	0 20	11 43	4 8	2 26	3 3	21 4			n.a.
F 13	9 57	27 41	5 5	10 42	1 40	0 3	0 7	24 1	1 11	5 50	1 12	8 24	1 48	24 10	0 22	22 57	0 20	11 43	4 8	2 25	3 2	21 1			n.a.
S 14	9 35	24 20	4 38	11 10	1 25	0n29	0 4	23 56	1 11	5 45	1 12	8 26	1 48	24 10	0 22	22 57	0 20	11 44	4 8	2 23	3 0	20 59			n.a.
S 15	9 13	19 18	3 51	11 37	1 9	1 1	0 1	23 50	1 12	5 39	1 12	8 29	1 48	24 10	0 22	22 57	0 20	11 44	4 7	2 22	2 59	20 56			n.a.
M16	8 52	13 1	2 47	12 3	0 52	1 33	0n 2	23 44	1 13	5 33	1 12	8 31	1 48	24 10	0 22	22 57	0 20	11 45	4 7	2 20	2 58	20 53			n.a.
T 17	8 29	6 2	1 33	12 28	0 36	2 5	0 4	23 38	1 13	5 28	1 12	8 34	1 48	24 10	0 22	22 57	0 20	11 45	4 7	2 19	2 57	20 51			n.a.
W18	8 7	1s10	0 13	12 51	0 20	2 37	0 7	23 32	1 14	5 22	1 11	8 36	1 47	24 10	0 22	22 57	0 20	11 45	4 7	2 19	2 55	20 48			n.a.
T 19	7 45	8 7	1s 6	13 12	0 4	3 9	0 10	23 25	1 15	5 16	1 11	8 39	1 47	24 10	0 22	22 57	0 20	11 46	4 7	2 19	2 54	20 46			n.a.
F 20	7 23	14 29	2 18	13 32	0s12	3 40	0 13	23 18	1 15	5 11	1 11	8 41	1 47	24 11	0 22	22 57	0 20	11 46	4 7	2 20	2 53	20 43			n.a.
S 21	7 0	19 57	3 21	13 49	0 27	4 12	0 16	23 11	1 16	5 5	1 11	8 44	1 47	24 11	0 22	22 57	0 20	11 46	4 7	2 20	2 52	20 41			n.a.
S 22	6 38	24 17	4 11	14 5	0 41	4 44	0 19	23 4	1 17	4 59	1 11	8 46	1 47	24 11	0 22	22 57	0 20	11 47	4 6	2 21	2 50	20 38			n.a.
M23	6 15	27 18	4 46	14 18	0 55	5 15	0 21	22 57	1 17	4 54	1 11	8 49	1 46	24 11	0 22	22 57	0 20	11 47	4 6	2 21	2 49	20 36			n.a.
T 24	5 52	28 54	5 8	14 29	1 9	5 47	0 24	22 49	1 18	4 48	1 11	8 52	1 46	24 11	0 22	22 57	0 20	11 48	4 6	2 21	2 48	20 33			n.a.
W25	5 29	29 3	5 15	14 37	1 21	6 18	0 27	22 41	1 19	4 42	1 11	8 54	1 46	24 11	0 22	22 57	0 20	11 48	4 6	2 21	2 46	20 31			n.a.
T 26	5 6	27 49	5 8	14 44	1 33	6 49	0 30	22 33	1 19	4 36	1 11	8 57	1 46	24 11	0 22	22 57	0 20	11 48	4 6	2 20	2 45	20 28			n.a.
F 27	4 43	25 20	4 48	14 48	1 44	7 20	0 33	22 24	1 20	4 31	1 11	8 59	1 46	24 11	0 22	22 57	0 20	11 49	4 6	2 19	2 44	20 25			n.a.
S 28	4 20	21 47	4 16	14 49	1 54	7 51	0 36	22 15	1 21	4 25	1 11	9 2	1 46	24 11	0 22	22 57	0 20	11 49	4 6	2 18	2 43	20 23			n.a.
S 29	3 57	17 22	3 33	14 49	2 4	8 21	0 39	22 7	1 21	4 19	1 11	9 5	1 45	24 11	0 22	22 57	0 20	11 50	4 6	2 17	2 41	20 20			n.a.
M30	3 34	12 17	2 40	14 46	2 12	8 52	0 42	21 57	1 22	4 14	1 11	9 7	1 45	24 11	0 22	22 57	0 20	11 50	4 5	2 16	2 40	20 18			n.a.
T 31	3s11	6s42	1s40	14s41	2s20	9n22	0n44	21s48	1s22	4s 8	1s11	9n10	1s45	24s11	0s22	22n58	0s20	11n51	4s 5	2n15	2n39	20s15			n.a.

Julian Day Number = 978563.5, Delta T = 13h16m38s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'42, Lahiri = -31°59'41 Julian Calendar 1 March 2034 BCE == Greg. Calendar 12 Feb. 2034 BCE

The year -2033 astronomical counting style corresponds to year 2034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

APRIL 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 26 50	23♓ 5'32	29♓15	28♒26	23♈ 3	1♒13	22♓41	27♈37	24♐32	17♊ 3	11♉57	5°R34	6♈29	15♒50	n.a.	W 1
T 2	11 30 46	24° 3'07	11♈29	29° 9	24°15	1°58	22°55	27°44	24°33	17° 3	11°58	5°D34	6°26	15°57	n.a.	T 2
F 3	11 34 43	25° 0'40	23°54	29°55	25°26	2°43	23° 9	27°51	24°34	17° 4	11°59	5♈34	6°22	16° 3	n.a.	F 3
S 4	11 38 39	25°58'11	6♉32	0♓45	26°38	3°28	23°23	27°59	24°34	17° 5	12° 1	5°35	6°19	16°10	n.a.	S 4
S 5	11 42 36	26°55'41	19°23	1°39	27°50	4°13	23°37	28° 6	24°35	17° 5	12° 2	5°36	6°16	16°17	n.a.	S 5
M 6	11 46 32	27°53'10	2♊31	2°36	29° 2	4°57	23°51	28°13	24°35	17° 6	12° 3	5°37	6°13	16°23	n.a.	M 6
T 7	11 50 29	28°50'37	15°56	3°36	0♉13	5°42	24° 5	28°20	24°36	17° 7	12° 4	5°37	6°10	16°30	n.a.	T 7
W 8	11 54 25	29°48'02	29°39	4°39	1°25	6°27	24°19	28°27	24°36	17° 7	12° 5	5°R37	6° 7	16°37	n.a.	W 8
T 9	11 58 22	0♈45'26	13♋41	5°45	2°37	7°12	24°33	28°35	24°37	17° 8	12° 6	5°37	6° 3	16°43	n.a.	T 9
F 10	12 2 19	1°42'49	28° 1	6°54	3°48	7°56	24°48	28°42	24°37	17° 9	12° 7	5°37	6° 0	16°50	n.a.	F 10
S 11	12 6 15	2°40'10	12♌36	8° 6	5° 0	8°41	25° 1	28°49	24°37	17°10	12° 9	5°36	5°57	16°57	n.a.	S 11
S 12	12 10 12	3°37'30	27°21	9°21	6°11	9°25	25°15	28°57	24°38	17°11	12°10	5°36	5°54	17° 4	n.a.	S 12
M13	12 14 8	4°34'48	12♍10	10°39	7°22	10°10	25°29	29° 4	24°38	17°11	12°11	5°36	5°51	17°10	n.a.	M13
T 14	12 18 5	5°32'05	26°56	11°59	8°33	10°54	25°43	29°12	24°38	17°12	12°12	5°36	5°47	17°17	n.a.	T 14
W15	12 22 1	6°29'21	11♎32	13°22	9°45	11°38	25°57	29°19	24°38	17°13	12°13	5°36	5°44	17°24	n.a.	W15
T 16	12 25 58	7°26'37	25°52	14°47	10°56	12°23	26°11	29°27	24°38	17°14	12°15	5°36	5°41	17°30	n.a.	T 16
F 17	12 29 54	8°23'51	9♏51	16°16	12° 7	13° 7	26°25	29°34	24°R38	17°15	12°16	5°36	5°38	17°37	n.a.	F 17
S 18	12 33 51	9°21'05	23°26	17°46	13°18	13°51	26°39	29°42	24°38	17°16	12°17	5°35	5°35	17°44	n.a.	S 18
S 19	12 37 48	10°18'18	6♐37	19°20	14°29	14°35	26°53	29°49	24°38	17°17	12°19	5°35	5°32	17°50	n.a.	S 19
M20	12 41 44	11°15'30	19°26	20°56	15°40	15°19	27° 7	29°57	24°38	17°19	12°20	5°34	5°28	17°57	n.a.	M20
T 21	12 45 41	12°12'42	1♑54	22°34	16°50	16° 3	27°20	0♉ 5	24°38	17°20	12°21	5°34	5°25	18° 4	n.a.	T 21
W22	12 49 37	13° 9'53	14° 6	24°15	18° 1	16°47	27°34	0°12	24°38	17°21	12°22	5°D34	5°22	18°10	n.a.	W22
T 23	12 53 34	14° 7'04	26° 7	25°59	19°12	17°31	27°48	0°20	24°37	17°22	12°24	5°34	5°19	18°17	n.a.	T 23
F 24	12 57 30	15° 4'14	8♒ 0	27°45	20°22	18°15	28° 2	0°28	24°37	17°23	12°25	5°35	5°16	18°24	n.a.	F 24
S 25	13 1 27	16° 1'24	19°50	29°33	21°33	18°58	28°15	0°36	24°37	17°24	12°27	5°36	5°12	18°31	n.a.	S 25
S 26	13 5 24	16°58'33	1♓42	1♈24	22°43	19°42	28°29	0°43	24°36	17°26	12°28	5°37	5° 9	18°37	n.a.	S 26
M27	13 9 20	17°55'42	13°39	3°18	23°54	20°26	28°43	0°51	24°36	17°27	12°29	5°38	5° 6	18°44	n.a.	M27
T 28	13 13 17	18°52'50	25°44	5°13	25° 4	21° 9	28°56	0°59	24°35	17°28	12°31	5°38	5° 3	18°51	n.a.	T 28
W29	13 17 13	19°49'58	8♈ 1	7°11	26°14	21°53	29°10	1° 7	24°35	17°30	12°32	5°R39	5° 0	18°57	n.a.	W29
T 30	13 21 10	20♈47'06	20♈31	9♈11	27♉24	22♒36	29♓23	1♉15	24♐34	17♊31	12♉33	5♈38	4♈57	19♒ 4	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s48	0s50	0s35	14s33	2s27	9n52	0n47	21s39	1s23	4s 2	1s11	9n13	1s45	24s11	0s23	22n58	0s20	11n51	4s 5	2n15	2n37	20s12		n.a.
T 2	2 25	5n 8	0n33	14 24	2 33	10 22	0 50	21 29	1 23	3 56	1 11	9 15	1 45	24 11	0 23	22 58	0 20	11 52	4 5	2 15	2 36	20 10		n.a.
F 3	2 1	11 0	1 40	14 12	2 39	10 51	0 53	21 19	1 24	3 51	1 10	9 18	1 45	24 12	0 23	22 58	0 20	11 52	4 5	2 15	2 35	20 7		n.a.
S 4	1 38	16 32	2 43	13 58	2 44	11 20	0 56	21 9	1 25	3 45	1 10	9 21	1 44	24 12	0 23	22 58	0 20	11 52	4 5	2 16	2 34	20 5		n.a.
S 5	1 15	21 27	3 40	13 42	2 47	11 49	0 58	20 59	1 25	3 39	1 10	9 24	1 44	24 12	0 23	22 58	0 19	11 53	4 5	2 16	2 32	20 2		n.a.
M 6	0 51	25 26	4 26	13 24	2 51	12 18	1 1	20 48	1 26	3 34	1 10	9 26	1 44	24 12	0 23	22 58	0 19	11 53	4 5	2 16	2 31	19 59		n.a.
T 7	0 28	28 7	4 59	13 4	2 53	12 47	1 4	20 37	1 26	3 28	1 10	9 29	1 44	24 12	0 23	22 58	0 19	11 54	4 4	2 17	2 30	19 57		n.a.
W 8	0 5	29 11	5 15	12 42	2 55	13 15	1 7	20 27	1 27	3 22	1 10	9 32	1 44	24 12	0 23	22 58	0 19	11 54	4 4	2 17	2 28	19 54		n.a.
T 9	0n18	28 25	5 14	12 18	2 56	13 43	1 9	20 15	1 27	3 17	1 10	9 35	1 44	24 12	0 23	22 58	0 19	11 55	4 4	2 17	2 27	19 51		n.a.
F 10	0 42	25 46	4 53	11 52	2 56	14 10	1 12	20 4	1 28	3 11	1 10	9 38	1 43	24 12	0 23	22 58	0 19	11 55	4 4	2 16	2 26	19 49		n.a.
S 11	1 5	21 25	4 13	11 24	2 55	14 37	1 15	19 53	1 28	3 5	1 10	9 40	1 43	24 12	0 23	22 59	0 19	11 56	4 4	2 16	2 25	19 46		n.a.
S 12	1 28	15 43	3 17	10 54	2 54	15 4	1 17	19 41	1 29	2 59	1 10	9 43	1 43	24 12	0 23	22 59	0 19	11 56	4 4	2 16	2 23	19 44		n.a.
M13	1 51	9 5	2 6	10 23	2 53	15 30	1 20	19 29	1 29	2 54	1 10	9 46	1 43	24 12	0 23	22 59	0 19	11 57	4 4	2 16	2 22	19 41		n.a.
T 14	2 15	1 58	0 48	9 49	2 50	15 56	1 22	19 18	1 30	2 48	1 10	9 49	1 43	24 12	0 23	22 59	0 19	11 57	4 4	2 16	2 21	19 38		n.a.
W15	2 38	5s 9	0s33	9 14	2 47	16 22	1 25	19 5	1 30	2 42	1 10	9 52	1 43	24 12	0 23	22 59	0 19	11 58	4 3	2 16	2 19	19 36		n.a.
T 16	3 1	11 54	1 50	8 37	2 43	16 47	1 27	18 53	1 31	2 37	1 10	9 54	1 43	24 12	0 23	22 59	0 19	11 58	4 3	2 16	2 18	19 33		n.a.
F 17	3 24	17 53	2 59	7 58	2 39	17 12	1 30	18 41	1 31	2 31	1 10	9 57	1 42	24 12	0 23	22 59	0 19	11 59	4 3	2 16	2 17	19 30		n.a.
S 18	3 47	22 48	3 55	7 17	2 34	17 36	1 32	18 28	1 32	2 26	1 10	10 0	1 42	24 12	0 23	22 59	0 19	11 59	4 3	2 16	2 16	19 28		n.a.
S 19	4 10	26 25	4 37	6 34	2 28	18 0	1 34	18 16	1 32	2 20	1 10	10 3	1 42	24 12	0 23	22 59	0 19	12 0	4 3	2 16	2 14	19 25		n.a.
M20	4 33	28 33	5 4	5 50	2 22	18 24	1 36	18 3	1 33	2 14	1 10	10 6	1 42	24 12	0 23	23 0	0 19	12 0	4 3	2 15	2 13	19 22		n.a.
T 21	4 55	29 11	5 16	5 5	2 16	18 47	1 39	17 50	1 33	2 9	1 10	10 9	1 42	24 12	0 23	23 0	0 19	12 1	4 3	2 15	2 12	19 19		n.a.
W22	5 18	28 21	5 13	4 17	2 9	19 10	1 41	17 37	1 34	2 3	1 10	10 11	1 42	24 12	0 23	23 0	0 19	12 1	4 3	2 15	2 10	19 17		n.a.
T 23	5 41	26 13	4 57	3 28	2 1	19 32	1 43	17 23	1 34	1 58	1 10	10 14	1 42	24 12	0 23	23 0	0 19	12 2	4 3	2 15	2 9	19 14		n.a.
F 24	6 3	22 56	4 28	2 38	1 53	19 53	1 45	17 10	1 35	1 52	1 10	10 17	1 42	24 12	0 23	23 0	0 19	12 2	4 3	2 16	2 8	19 11		n.a.
S 25	6 26	18 45	3 47	1 46	1 44	20 14	1 47	16 56	1 35	1 46	1 10	10 20	1 42	24 12	0 23	23 0	0 19	12 3	4 2	2 16	2 7	19 9		n.a.
S 26	6 48	13 50	2 57	0 53	1 35	20 35	1 49	16 43	1 35	1 41	1 10	10 23	1 41	24 12	0 23	23 0	0 19	12 3	4 2	2 16	2 5	19 6		n.a.
M27	7 10	8 23	1 59	0n 2	1 25	20 55	1 51	16 29	1 36	1 35	1 10	10 26	1 41	24 12	0 23	23 1	0 19	12 4	4 2	2 17	2 4	19 3		n.a.
T 28	7 33	2 33	0 55	0 58	1 16	21 14	1 53	16 15	1 36	1 30	1 10	10 28	1 41	24 12	0 23	23 1	0 19	12 4	4 2	2 17	2 3	19 0		n.a.
W29	7 55	3n27	0n13	1 55	1 6	21 33	1 54	16 1	1 37	1 24	1 10	10 31	1 41	24 12	0 23	23 1	0 19	12 5	4 2	2 17	2 1	18 58		n.a.
T 30	8n17	9n25	1n21	2n52	0s55	21n52	1n56	15s47	1s37	1s19	1s10	10n34	1s41	24s12	0s23	23n 1	0s19	12n 5	4s 2	2n17	2n 0	18s55		n.a.

Julian Day Number = 978594.5, Delta T = 13h16m36s
Ecliptic obliquity = 23°55'50, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'37, Lahiri = -31°59'37 Julian Calendar 1 Apr. 2034 BCE == Greg. Calendar 15 March 2034 BCE

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

MAY 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 25 6	21♈44'12	3♉15	11♈13	28♉34	23♒19	29♓37	1♉22	24°R33	17♊32	12♉35	5°R37	4♈53	19♒11	n.a.	F 1
S 2	13 29 3	22°41'19	16°13	13°17	29°44	24° 3	29°50	1°30	24♐33	17°34	12°36	5♈35	4°50	19°17	n.a.	S 2
S 3	13 32 59	23°38'25	29°25	15°23	0♊54	24°46	0♈ 4	1°38	24°32	17°35	12°38	5°32	4°47	19°24	n.a.	S 3
M 4	13 36 56	24°35'30	12♊52	17°30	2° 4	25°29	0°17	1°46	24°31	17°37	12°39	5°30	4°44	19°31	n.a.	M 4
T 5	13 40 53	25°32'35	26°31	19°39	3°14	26°12	0°31	1°54	24°30	17°38	12°41	5°28	4°41	19°37	n.a.	T 5
W 6	13 44 49	26°29'40	10♋23	21°48	4°24	26°55	0°44	2° 2	24°29	17°40	12°42	5°26	4°38	19°44	n.a.	W 6
T 7	13 48 46	27°26'44	24°25	23°58	5°33	27°38	0°57	2°10	24°28	17°41	12°43	5°D25	4°34	19°51	n.a.	T 7
F 8	13 52 42	28°23'47	8♌36	26° 9	6°43	28°21	1°10	2°18	24°27	17°43	12°45	5°26	4°31	19°57	n.a.	F 8
S 9	13 56 39	29°20'49	22°53	28°20	7°52	29° 3	1°24	2°25	24°26	17°44	12°46	5°27	4°28	20° 4	n.a.	S 9
S 10	14 0 35	0♉17'51	7♍16	0♉31	9° 2	29°46	1°37	2°33	24°25	17°46	12°48	5°28	4°25	20°11	n.a.	S 10
M11	14 4 32	1°14'53	21°39	2°42	10°11	0♓28	1°50	2°41	24°24	17°48	12°49	5°29	4°22	20°17	n.a.	M11
T 12	14 8 29	2°11'54	6♎ 0	4°52	11°20	1°11	2° 3	2°49	24°23	17°49	12°51	5°R30	4°18	20°24	n.a.	T 12
W13	14 12 25	3° 8'55	20°14	7° 1	12°29	1°53	2°16	2°57	24°22	17°51	12°52	5°29	4°15	20°31	n.a.	W13
T 14	14 16 22	4° 5'56	4♏16	9° 9	13°38	2°35	2°29	3° 5	24°21	17°53	12°54	5°27	4°12	20°38	n.a.	T 14
F 15	14 20 18	5° 2'57	18° 2	11°17	14°47	3°18	2°42	3°13	24°19	17°54	12°55	5°24	4° 9	20°44	n.a.	F 15
S 16	14 24 15	5°59'58	1♐30	13°22	15°56	4° 0	2°54	3°21	24°18	17°56	12°57	5°19	4° 6	20°51	n.a.	S 16
S 17	14 28 11	6°57'00	14°38	15°27	17° 4	4°42	3° 7	3°29	24°17	17°58	12°58	5°14	4° 3	20°58	n.a.	S 17
M18	14 32 8	7°54'02	27°25	17°29	18°13	5°24	3°20	3°37	24°15	18° 0	13° 0	5° 9	3°59	21° 4	n.a.	M18
T 19	14 36 5	8°51'04	9♑54	19°30	19°21	6° 6	3°33	3°44	24°14	18° 2	13° 1	5° 5	3°56	21°11	n.a.	T 19
W20	14 40 1	9°48'06	22° 7	21°29	20°29	6°47	3°45	3°52	24°13	18° 3	13° 3	5° 2	3°53	21°18	n.a.	W20
T 21	14 43 58	10°45'09	4♒ 8	23°27	21°38	7°29	3°58	4° 0	24°11	18° 5	13° 4	5° 1	3°50	21°24	n.a.	T 21
F 22	14 47 54	11°42'12	16° 2	25°22	22°46	8°11	4°10	4° 8	24°10	18° 7	13° 6	5°D 1	3°47	21°31	n.a.	F 22
S 23	14 51 51	12°39'16	27°52	27°16	23°54	8°52	4°23	4°16	24° 8	18° 9	13° 7	5° 2	3°44	21°38	n.a.	S 23
S 24	14 55 47	13°36'20	9♓45	29° 7	25° 1	9°34	4°35	4°24	24° 6	18°11	13° 9	5° 3	3°40	21°44	n.a.	S 24
M25	14 59 44	14°33'25	21°45	0♊57	26° 9	10°15	4°47	4°32	24° 5	18°13	13°10	5° 5	3°37	21°51	n.a.	M25
T 26	15 3 40	15°30'30	3♈57	2°45	27°17	10°56	5° 0	4°40	24° 3	18°15	13°12	5°R 5	3°34	21°58	n.a.	T 26
W27	15 7 37	16°27'36	16°23	4°30	28°24	11°37	5°12	4°47	24° 1	18°17	13°13	5° 5	3°31	22° 4	n.a.	W27
T 28	15 11 34	17°24'43	29° 7	6°14	29°32	12°18	5°24	4°55	24° 0	18°19	13°15	5° 2	3°28	22°11	n.a.	T 28
F 29	15 15 30	18°21'50	12♉10	7°56	0♋39	12°59	5°36	5° 3	23°58	18°21	13°16	4°58	3°24	22°18	n.a.	F 29
S 30	15 19 27	19°18'58	25°31	9°36	1°46	13°40	5°48	5°11	23°56	18°22	13°18	4°52	3°21	22°24	n.a.	S 30
S 31	15 23 23	20♉16'06	9♊ 9	11♊14	2♋53	14♓21	6♈ 0	5♉18	23♐54	18♊24	13♉19	4♈45	3♈18	22♒31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n38	15n 8	2n27	3n51	0s45	22n 9	1n57	15s33	1s37	1s13	1s10	10n37	1s41	24s12	0s23	23n 1	0s19	12n 6	4s 2	2n16	1n59	18s52		n.a.
S 2	9 0	20 18	3 26	4 50	0 34	22 27	1 59	15 19	1 38	1 8	1 10	10 40	1 41	24 12	0 23	23 1	0 19	12 6	4 2	2 16	1 58	18 49		n.a.
S 3	9 22	24 35	4 15	5 49	0 23	22 43	2 0	15 4	1 38	1 3	1 10	10 43	1 41	24 12	0 23	23 1	0 19	12 7	4 2	2 15	1 56	18 47		n.a.
M 4	9 43	27 37	4 51	6 49	0 12	22 59	2 2	14 50	1 38	0 57	1 10	10 46	1 41	24 12	0 23	23 2	0 19	12 7	4 2	2 14	1 55	18 44		n.a.
T 5	10 4	29 4	5 11	7 49	0 1	23 15	2 3	14 35	1 39	0 52	1 10	10 48	1 41	24 12	0 23	23 2	0 19	12 8	4 2	2 13	1 54	18 41		n.a.
W 6	10 26	28 43	5 14	8 48	0n 9	23 29	2 4	14 20	1 39	0 46	1 10	10 51	1 40	24 12	0 23	23 2	0 19	12 8	4 1	2 12	1 52	18 38		n.a.
T 7	10 46	26 33	4 58	9 47	0 20	23 44	2 5	14 6	1 39	0 41	1 10	10 54	1 40	24 12	0 23	23 2	0 19	12 9	4 1	2 12	1 51	18 36		n.a.
F 8	11 7	22 43	4 24	10 46	0 30	23 57	2 6	13 51	1 40	0 36	1 10	10 57	1 40	24 12	0 23	23 2	0 19	12 9	4 1	2 12	1 50	18 33		n.a.
S 9	11 28	17 31	3 33	11 43	0 40	24 10	2 7	13 36	1 40	0 30	1 10	11 0	1 40	24 12	0 24	23 2	0 19	12 10	4 1	2 12	1 49	18 30		n.a.
S 10	11 48	11 19	2 29	12 39	0 49	24 22	2 8	13 21	1 40	0 25	1 10	11 3	1 40	24 12	0 24	23 3	0 19	12 10	4 1	2 13	1 47	18 27		n.a.
M11	12 9	4 31	1 15	13 34	0 58	24 34	2 9	13 6	1 41	0 20	1 10	11 5	1 40	24 12	0 24	23 3	0 19	12 11	4 1	2 13	1 46	18 24		n.a.
T 12	12 29	2s28	0s 3	14 27	1 7	24 44	2 10	12 51	1 41	0 15	1 10	11 8	1 40	24 12	0 24	23 3	0 19	12 11	4 1	2 14	1 45	18 22		n.a.
W13	12 49	9 17	1 20	15 19	1 15	24 55	2 10	12 35	1 41	0 9	1 10	11 11	1 40	24 12	0 24	23 3	0 19	12 12	4 1	2 13	1 43	18 19		n.a.
T 14	13 9	15 34	2 31	16 8	1 22	25 4	2 11	12 20	1 41	0 4	1 11	11 14	1 40	24 12	0 24	23 3	0 19	12 12	4 1	2 12	1 42	18 16		n.a.
F 15	13 28	20 56	3 32	16 55	1 29	25 13	2 11	12 5	1 42	0n 1	1 11	11 17	1 40	24 12	0 24	23 4	0 19	12 13	4 1	2 11	1 41	18 13		n.a.
S 16	13 48	25 7	4 20	17 41	1 35	25 21	2 12	11 49	1 42	0 6	1 11	11 19	1 40	24 12	0 24	23 4	0 19	12 13	4 1	2 9	1 40	18 10		n.a.
S 17	14 7	27 51	4 52	18 24	1 40	25 29	2 12	11 34	1 42	0 11	1 11	11 22	1 40	24 12	0 24	23 4	0 19	12 14	4 1	2 7	1 38	18 8		n.a.
M18	14 26	29 3	5 9	19 5	1 45	25 35	2 12	11 18	1 42	0 16	1 11	11 25	1 40	24 12	0 24	23 4	0 19	12 14	4 1	2 5	1 37	18 5		n.a.
T 19	14 44	28 43	5 11	19 43	1 49	25 41	2 12	11 3	1 43	0 22	1 11	11 28	1 40	24 12	0 24	23 4	0 19	12 15	4 1	2 4	1 36	18 2		n.a.
W20	15 3	26 58	4 58	20 19	1 53	25 47	2 12	10 47	1 43	0 27	1 11	11 30	1 40	24 12	0 24	23 4	0 19	12 15	4 0	2 2	1 34	17 59		n.a.
T 21	15 21	24 1	4 33	20 53	1 56	25 51	2 12	10 31	1 43	0 32	1 11	11 33	1 40	24 12	0 24	23 5	0 18	12 16	4 0	2 2	1 33	17 56		n.a.
F 22	15 39	20 6	3 56	21 24	1 58	25 55	2 12	10 16	1 43	0 37	1 11	11 36	1 39	24 12	0 24	23 5	0 18	12 16	4 0	2 2	1 32	17 53		n.a.
S 23	15 57	15 24	3 9	21 53	1 59	25 58	2 11	10 0	1 43	0 42	1 11	11 39	1 39	24 12	0 24	23 5	0 18	12 17	4 0	2 2	1 31	17 51		n.a.
S 24	16 15	10 7	2 13	22 20	2 0	26 1	2 11	9 44	1 44	0 47	1 11	11 41	1 39	24 12	0 24	23 5	0 18	12 17	4 0	2 3	1 29	17 48		n.a.
M25	16 32	4 26	1 12	22 44	2 0	26 2	2 10	9 28	1 44	0 51	1 11	11 44	1 39	24 12	0 24	23 5	0 18	12 18	4 0	2 3	1 28	17 45		n.a.
T 26	16 49	1n30	0 6	23 6	2 0	26 3	2 9	9 13	1 44	0 56	1 11	11 47	1 39	24 11	0 24	23 6	0 18	12 18	4 0	2 4	1 27	17 42		n.a.
W27	17 6	7 30	1n 1	23 25	1 59	26 4	2 9	8 57	1 44	1 1	1 11	11 50	1 39	24 11	0 24	23 6	0 18	12 19	4 0	2 3	1 25	17 39		n.a.
T 28	17 23	13 21	2 6	23 43	1 57	26 3	2 8	8 41	1 44	1 6	1 11	11 52	1 39	24 11	0 24	23 6	0 18	12 19	4 0	2 2	1 24	17 36		n.a.
F 29	17 39	18 45	3 7	23 58	1 55	26 2	2 7	8 25	1 44	1 11	1 11	11 55	1 39	24 11	0 24	23 6	0 18	12 20	4 0	2 1	1 23	17 33		n.a.
S 30	17 55	23 23	3 59	24 12	1 52	26 1	2 5	8 9	1 45	1 16	1 11	11 58	1 39	24 11	0 24	23 6	0 18	12 20	4 0	1 58	1 22	17 31		n.a.
S 31	18n11	26n51	4n38	24n23	1n49	25n58	2n 4	7s53	1s45	1n20	1s12	12n 0	1s39	24s11	0s24	23n 7	0s18	12n21	4s 0	1n55	1n20	17s28		n.a.

Julian Day Number = 978624.5, Delta T = 13h16m34s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'33, Lahiri = -31°59'33 Julian Calendar 1 May 2034 BCE == Greg. Calendar 14 Apr. 2034 BCE

The year -2033 astronomical counting style corresponds to year 2034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

JUNE 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 27 20	21♉13'15	23♊ 1	12♊50	4♋ 0	15♓ 1	6♈11	5♉26	23°R52	18♊27	13♉21	4°R38	3♈15	22♒38	n.a.	M 1
T 2	15 31 16	22°10'25	7♋ 4	14°24	5° 6	15°42	6°23	5°34	23♐50	18°29	13°22	4♈31	3°12	22°44	n.a.	T 2
W 3	15 35 13	23° 7'34	21°13	15°56	6°13	16°22	6°35	5°42	23°48	18°31	13°24	4°25	3° 9	22°51	n.a.	W 3
T 4	15 39 10	24° 4'45	5♌25	17°27	7°19	17° 3	6°46	5°49	23°46	18°33	13°25	4°22	3° 5	22°58	n.a.	T 4
F 5	15 43 6	25° 1'55	19°37	18°55	8°25	17°43	6°58	5°57	23°44	18°35	13°27	4°D20	3° 2	23° 5	n.a.	F 5
S 6	15 47 3	25°59'06	3♍47	20°21	9°31	18°23	7° 9	6° 4	23°42	18°37	13°28	4°21	2°59	23°11	n.a.	S 6
S 7	15 50 59	26°56'17	17°53	21°45	10°37	19° 3	7°21	6°12	23°40	18°39	13°30	4°21	2°56	23°18	n.a.	S 7
M 8	15 54 56	27°53'29	1♎55	23° 7	11°43	19°43	7°32	6°20	23°38	18°41	13°31	4°R22	2°53	23°25	n.a.	M 8
T 9	15 58 52	28°50'41	15°50	24°27	12°48	20°22	7°43	6°27	23°36	18°43	13°32	4°22	2°49	23°31	n.a.	T 9
W10	16 2 49	29°47'54	29°38	25°45	13°54	21° 2	7°54	6°35	23°34	18°45	13°34	4°19	2°46	23°38	n.a.	W10
T 11	16 6 46	0♊45'08	13♏16	27° 0	14°59	21°41	8° 5	6°42	23°32	18°47	13°35	4°14	2°43	23°45	n.a.	T 11
F 12	16 10 42	1°42'23	26°42	28°13	16° 4	22°21	8°16	6°50	23°30	18°49	13°37	4° 7	2°40	23°51	n.a.	F 12
S 13	16 14 39	2°39'39	9♐54	29°24	17° 8	23° 0	8°27	6°57	23°28	18°52	13°38	3°58	2°37	23°58	n.a.	S 13
S 14	16 18 35	3°36'56	22°51	0♋33	18°13	23°39	8°37	7° 4	23°26	18°54	13°40	3°48	2°34	24° 5	n.a.	S 14
M15	16 22 32	4°34'14	5♑31	1°38	19°17	24°18	8°48	7°12	23°23	18°56	13°41	3°37	2°30	24°11	n.a.	M15
T 16	16 26 28	5°31'33	17°55	2°42	20°21	24°57	8°58	7°19	23°21	18°58	13°43	3°28	2°27	24°18	n.a.	T 16
W17	16 30 25	6°28'53	0♒ 5	3°42	21°25	25°36	9° 9	7°26	23°19	19° 0	13°44	3°20	2°24	24°25	n.a.	W17
T 18	16 34 21	7°26'15	12° 5	4°40	22°29	26°14	9°19	7°34	23°17	19° 2	13°45	3°15	2°21	24°31	n.a.	T 18
F 19	16 38 18	8°23'38	23°57	5°35	23°32	26°53	9°29	7°41	23°14	19° 5	13°47	3°12	2°18	24°38	n.a.	F 19
S 20	16 42 15	9°21'02	5♓47	6°27	24°35	27°31	9°39	7°48	23°12	19° 7	13°48	3°D11	2°15	24°45	n.a.	S 20
S 21	16 46 11	10°18'28	17°39	7°15	25°38	28°10	9°49	7°55	23°10	19° 9	13°49	3°11	2°11	24°51	n.a.	S 21
M22	16 50 8	11°15'56	29°39	8° 0	26°41	28°48	9°59	8° 2	23° 7	19°11	13°51	3°R11	2° 8	24°58	n.a.	M22
T 23	16 54 4	12°13'24	11♈53	8°42	27°43	29°26	10° 9	8° 9	23° 5	19°13	13°52	3°11	2° 5	25° 5	n.a.	T 23
W24	16 58 1	13°10'55	24°24	9°20	28°46	0♈ 3	10°18	8°16	23° 3	19°16	13°54	3° 9	2° 2	25°11	n.a.	W24
T 25	17 1 57	14° 8'27	7♉17	9°54	29°48	0°41	10°28	8°23	23° 0	19°18	13°55	3° 5	1°59	25°18	n.a.	T 25
F 26	17 5 54	15° 6'01	20°34	10°23	0♌49	1°19	10°37	8°30	22°58	19°20	13°56	2°58	1°55	25°25	n.a.	F 26
S 27	17 9 50	16° 3'36	4♊14	10°49	1°51	1°56	10°47	8°37	22°56	19°22	13°58	2°49	1°52	25°31	n.a.	S 27
S 28	17 13 47	17° 1'12	18°15	11°10	2°52	2°33	10°56	8°44	22°53	19°25	13°59	2°38	1°49	25°38	n.a.	S 28
M29	17 17 44	17°58'51	2♋34	11°26	3°52	3°10	11° 5	8°50	22°51	19°27	14° 0	2°27	1°46	25°45	n.a.	M29
T 30	17 21 40	18♊56'30	17♋ 3	11♋37	4♌53	3♈47	11♈14	8♉57	22♐49	19♊29	14♉ 1	2♈17	1♈43	25♒51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n26	28n45	5n 1	24n32	1n45	25n55	2n 3	7s37	1s45	1n25	1s12	12n 3	1s39	24s11	0s24	23n 7	0s18	12n21	4s 0	1n52	1n19	17s25		n.a.
T 2	18 41	28 51	5 7	24 40	1 41	25 51	2 1	7 21	1 45	1 30	1 12	12 5	1 39	24 11	0 24	23 7	0 18	12 22	4 0	1 50	1 18	17 22		n.a.
W 3	18 56	27 4	4 54	24 46	1 36	25 46	2 0	7 5	1 45	1 34	1 12	12 8	1 39	24 11	0 24	23 7	0 18	12 22	4 0	1 48	1 16	17 19		n.a.
T 4	19 11	23 33	4 24	24 49	1 31	25 41	1 58	6 50	1 45	1 39	1 12	12 11	1 39	24 11	0 24	23 7	0 18	12 23	4 0	1 46	1 15	17 16		n.a.
F 5	19 25	18 40	3 37	24 52	1 25	25 35	1 56	6 34	1 45	1 43	1 12	12 13	1 39	24 11	0 24	23 8	0 18	12 23	4 0	1 46	1 14	17 13		n.a.
S 6	19 39	12 45	2 37	24 52	1 18	25 29	1 54	6 18	1 45	1 48	1 12	12 16	1 39	24 11	0 24	23 8	0 18	12 24	4 0	1 46	1 13	17 10		n.a.
S 7	19 52	6 13	1 27	24 51	1 11	25 21	1 52	6 2	1 45	1 52	1 12	12 18	1 39	24 11	0 24	23 8	0 18	12 24	4 0	1 46	1 11	17 7		n.a.
M 8	20 6	0s34	0 13	24 49	1 4	25 13	1 50	5 46	1 45	1 57	1 12	12 21	1 39	24 11	0 24	23 8	0 18	12 25	4 0	1 46	1 10	17 5		n.a.
T 9	20 19	7 18	1s 1	24 45	0 57	25 5	1 47	5 30	1 45	2 1	1 12	12 23	1 39	24 10	0 24	23 8	0 18	12 25	4 0	1 46	1 9	17 2		n.a.
W10	20 31	13 36	2 11	24 40	0 48	24 56	1 45	5 14	1 45	2 5	1 12	12 26	1 39	24 10	0 24	23 9	0 18	12 26	4 0	1 45	1 7	16 59		n.a.
T 11	20 44	19 12	3 13	24 34	0 40	24 46	1 42	4 58	1 46	2 10	1 12	12 28	1 39	24 10	0 24	23 9	0 18	12 26	4 0	1 43	1 6	16 56		n.a.
F 12	20 56	23 44	4 2	24 26	0 31	24 35	1 40	4 42	1 46	2 14	1 13	12 31	1 39	24 10	0 24	23 9	0 18	12 27	3 59	1 40	1 5	16 53		n.a.
S 13	21 7	26 58	4 38	24 17	0 22	24 24	1 37	4 27	1 46	2 18	1 13	12 33	1 39	24 10	0 24	23 9	0 18	12 27	3 59	1 36	1 4	16 50		n.a.
S 14	21 18	28 42	4 58	24 8	0 12	24 13	1 34	4 11	1 46	2 22	1 13	12 36	1 39	24 10	0 24	23 9	0 18	12 28	3 59	1 32	1 2	16 47		n.a.
M15	21 29	28 52	5 4	23 57	0 2	24 0	1 31	3 55	1 46	2 27	1 13	12 38	1 39	24 10	0 24	23 9	0 18	12 28	3 59	1 28	1 1	16 44		n.a.
T 16	21 40	27 34	4 54	23 46	0s 8	23 47	1 27	3 39	1 46	2 31	1 13	12 41	1 39	24 10	0 24	23 10	0 18	12 28	3 59	1 24	1 0	16 41		n.a.
W17	21 50	24 58	4 32	23 34	0 19	23 34	1 24	3 24	1 46	2 35	1 13	12 43	1 39	24 10	0 24	23 10	0 18	12 29	3 59	1 21	0 58	16 38		n.a.
T 18	22 0	21 19	3 57	23 21	0 30	23 20	1 20	3 8	1 45	2 39	1 13	12 45	1 39	24 10	0 24	23 10	0 18	12 29	3 59	1 19	0 57	16 35		n.a.
F 19	22 9	16 50	3 13	23 8	0 41	23 6	1 17	2 52	1 45	2 43	1 13	12 48	1 39	24 10	0 24	23 10	0 18	12 30	3 59	1 18	0 56	16 32		n.a.
S 20	22 18	11 45	2 21	22 54	0 53	22 50	1 13	2 37	1 45	2 47	1 13	12 50	1 39	24 9	0 24	23 10	0 18	12 30	3 59	1 17	0 55	16 29		n.a.
S 21	22 27	6 14	1 22	22 39	1 4	22 35	1 9	2 21	1 45	2 51	1 14	12 52	1 39	24 9	0 24	23 11	0 18	12 31	3 59	1 17	0 53	16 26		n.a.
M22	22 35	0 26	0 19	22 25	1 16	22 19	1 5	2 6	1 45	2 54	1 14	12 55	1 39	24 9	0 24	23 11	0 18	12 31	3 59	1 18	0 52	16 23		n.a.
T 23	22 43	5n30	0n46	22 10	1 28	22 2	1 1	1 50	1 45	2 58	1 14	12 57	1 39	24 9	0 24	23 11	0 18	12 31	3 59	1 17	0 51	16 20		n.a.
W24	22 51	11 21	1 50	21 55	1 41	21 45	0 57	1 35	1 45	3 2	1 14	12 59	1 39	24 9	0 24	23 11	0 18	12 32	3 59	1 17	0 49	16 17		n.a.
T 25	22 58	16 54	2 51	21 40	1 53	21 28	0 52	1 19	1 45	3 6	1 14	13 2	1 39	24 9	0 24	23 11	0 18	12 32	3 59	1 15	0 48	16 14		n.a.
F 26	23 5	21 50	3 43	21 26	2 6	21 10	0 48	1 4	1 45	3 9	1 14	13 4	1 39	24 9	0 24	23 12	0 18	12 33	3 59	1 12	0 47	16 11		n.a.
S 27	23 11	25 46	4 25	21 11	2 18	20 51	0 43	0 49	1 45	3 13	1 14	13 6	1 39	24 9	0 24	23 12	0 18	12 33	3 59	1 9	0 46	16 8		n.a.
S 28	23 17	28 15	4 52	20 57	2 31	20 32	0 38	0 34	1 45	3 16	1 14	13 8	1 39	24 8	0 24	23 12	0 18	12 33	3 59	1 4	0 44	16 5		n.a.
M29	23 22	28 55	5 1	20 43	2 43	20 13	0 33	0 18	1 44	3 20	1 15	13 10	1 39	24 8	0 24	23 12	0 18	12 34	3 59	1 0	0 43	16 2		n.a.
T 30	23n27	27n38	4n51	20n30	2s55	19n53	0n28	0s 3	1s44	3n23	1s15	13n12	1s39	24s 8	0s24	23n12	0s18	12n34	3s59	0n55	0n42	15s59		n.a.

Julian Day Number = 978655.5, Delta T = 13h16m32s
Ecliptic obliquity = 23°55'49, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'29, Lahiri = -31°59'29 Julian Calendar 1 June 2034 BCE == Greg. Calendar 15 May 2034 BCE

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

JULY 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 25 37	19♊54'11	1♌36	11♋43	5♌53	4♈24	11♈23	9♉ 4	22°R46	19♊31	14♉ 3	2°R 8	1♈40	25♒58	n.a.	W 1
T 2	17 29 33	20°51'53	16° 7	11°R43	6°53	5° 1	11°31	9°10	22♐44	19°33	14° 4	2♈ 2	1°36	26° 5	n.a.	T 2
F 3	17 33 30	21°49'37	0♍31	11°38	7°52	5°37	11°40	9°17	22°41	19°36	14° 5	1°59	1°33	26°11	n.a.	F 3
S 4	17 37 26	22°47'21	14°44	11°27	8°51	6°13	11°48	9°24	22°39	19°38	14° 6	1°58	1°30	26°18	n.a.	S 4
S 5	17 41 23	23°45'07	28°45	11°11	9°50	6°49	11°57	9°30	22°37	19°40	14° 8	1°57	1°27	26°25	n.a.	S 5
M 6	17 45 20	24°42'54	12♎35	10°49	10°48	7°25	12° 5	9°36	22°34	19°42	14° 9	1°57	1°24	26°31	n.a.	M 6
T 7	17 49 16	25°40'43	26°12	10°21	11°46	8° 1	12°13	9°43	22°32	19°45	14°10	1°56	1°21	26°38	n.a.	T 7
W 8	17 53 13	26°38'33	9♏38	9°48	12°43	8°37	12°21	9°49	22°29	19°47	14°11	1°52	1°17	26°45	n.a.	W 8
T 9	17 57 9	27°36'24	22°53	9°10	13°40	9°12	12°29	9°55	22°27	19°49	14°12	1°45	1°14	26°51	n.a.	T 9
F 10	18 1 6	28°34'17	5♐57	8°27	14°36	9°47	12°36	10° 1	22°25	19°51	14°13	1°36	1°11	26°58	n.a.	F 10
S 11	18 5 2	29°32'12	18°49	7°39	15°32	10°23	12°44	10° 7	22°22	19°53	14°15	1°24	1° 8	27° 5	n.a.	S 11
S 12	18 8 59	0♋30'09	1♑29	6°49	16°28	10°57	12°51	10°13	22°20	19°56	14°16	1°11	1° 5	27°12	n.a.	S 12
M13	18 12 55	1°28'07	13°57	5°55	17°23	11°32	12°58	10°19	22°18	19°58	14°17	0°57	1° 1	27°18	n.a.	M13
T 14	18 16 52	2°26'07	26°12	5° 0	18°18	12° 7	13° 5	10°25	22°15	20° 0	14°18	0°45	0°58	27°25	n.a.	T 14
W15	18 20 49	3°24'09	8♒17	4° 5	19°12	12°41	13°12	10°31	22°13	20° 2	14°19	0°35	0°55	27°32	n.a.	W15
T 16	18 24 45	4°22'13	20°12	3° 9	20° 5	13°15	13°19	10°37	22°11	20° 4	14°20	0°27	0°52	27°38	n.a.	T 16
F 17	18 28 42	5°20'19	2♓ 2	2°16	20°58	13°49	13°26	10°43	22° 8	20° 7	14°21	0°22	0°49	27°45	n.a.	F 17
S 18	18 32 38	6°18'27	13°50	1°26	21°50	14°23	13°32	10°48	22° 6	20° 9	14°22	0°19	0°46	27°52	n.a.	S 18
S 19	18 36 35	7°16'38	25°40	0°39	22°42	14°57	13°38	10°54	22° 4	20°11	14°23	0°18	0°42	27°58	n.a.	S 19
M20	18 40 31	8°14'50	7♈39	29♊58	23°33	15°30	13°44	10°59	22° 1	20°13	14°24	0°18	0°39	28° 5	n.a.	M20
T 21	18 44 28	9°13'05	19°51	29°23	24°23	16° 3	13°50	11° 5	21°59	20°15	14°25	0°18	0°36	28°12	n.a.	T 21
W22	18 48 24	10°11'21	2♉22	28°55	25°13	16°36	13°56	11°10	21°57	20°17	14°26	0°16	0°33	28°18	n.a.	W22
T 23	18 52 21	11° 9'41	15°16	28°34	26° 2	17° 9	14° 2	11°15	21°55	20°19	14°27	0°12	0°30	28°25	n.a.	T 23
F 24	18 56 18	12° 8'02	28°37	28°22	26°50	17°41	14° 7	11°20	21°52	20°21	14°28	0° 6	0°27	28°32	n.a.	F 24
S 25	19 0 14	13° 6'26	12♊26	28°D18	27°37	18°13	14°13	11°26	21°50	20°24	14°29	29♓57	0°23	28°38	n.a.	S 25
S 26	19 4 11	14° 4'52	26°42	28°24	28°24	18°45	14°18	11°31	21°48	20°26	14°29	29°47	0°20	28°45	n.a.	S 26
M27	19 8 7	15° 3'20	11♋19	28°38	29°10	19°17	14°23	11°35	21°46	20°28	14°30	29°36	0°17	28°52	n.a.	M27
T 28	19 12 4	16° 1'50	26°11	29° 1	29°55	19°49	14°28	11°40	21°44	20°30	14°31	29°25	0°14	28°58	n.a.	T 28
W29	19 16 0	17° 0'22	11♌ 8	29°33	0♍39	20°20	14°32	11°45	21°42	20°32	14°32	29°16	0°11	29° 5	n.a.	W29
T 30	19 19 57	17°58'56	26° 2	0♋14	1°22	20°51	14°37	11°50	21°40	20°34	14°33	29°10	0° 7	29°12	n.a.	T 30
F 31	19 23 53	18♋57'32	10♍44	1♋ 3	2♍ 4	21♈22	14♈41	11♉54	21♐38	20♊36	14♉33	29♓ 7	0♈ 4	29♒18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n32	24n28	4n23	20n18	3s 7	19n33	0n23	0n12	1s44	3n27	1s15	13n15	1s39	24s 8	0s24	23n13	0s18	12n35	3s59	0n52	0n40	15s56			n.a.
T 2	23 36	19 46	3 37	20 6	3 19	19 13	0 17	0 27	1 44	3 30	1 15	13 17	1 39	24 8	0 24	23 13	0 18	12 35	3 59	0 50	0 39	15 53			n.a.
F 3	23 40	13 58	2 38	19 55	3 30	18 52	0 12	0 42	1 44	3 33	1 15	13 19	1 40	24 8	0 24	23 13	0 18	12 35	3 59	0 48	0 38	15 50			n.a.
S 4	23 44	7 30	1 30	19 46	3 40	18 31	0 6	0 56	1 44	3 37	1 15	13 21	1 40	24 8	0 25	23 13	0 18	12 36	3 59	0 48	0 37	15 47			n.a.
S 5	23 47	0 46	0 17	19 37	3 50	18 9	0 0	1 11	1 43	3 40	1 15	13 23	1 40	24 8	0 25	23 13	0 18	12 36	3 59	0 48	0 35	15 44			n.a.
M 6	23 49	5s55	0s56	19 30	3 59	17 48	0s 5	1 26	1 43	3 43	1 16	13 25	1 40	24 7	0 25	23 14	0 18	12 36	3 59	0 48	0 34	15 41			n.a.
T 7	23 51	12 14	2 4	19 25	4 7	17 26	0 12	1 40	1 43	3 46	1 16	13 27	1 40	24 7	0 25	23 14	0 18	12 37	3 59	0 47	0 33	15 38			n.a.
W 8	23 53	17 54	3 5	19 20	4 14	17 3	0 18	1 55	1 43	3 49	1 16	13 29	1 40	24 7	0 25	23 14	0 18	12 37	3 59	0 45	0 31	15 35			n.a.
T 9	23 54	22 39	3 54	19 18	4 19	16 41	0 24	2 9	1 43	3 52	1 16	13 31	1 40	24 7	0 25	23 14	0 18	12 37	3 59	0 43	0 30	15 32			n.a.
F 10	23 55	26 11	4 31	19 16	4 23	16 18	0 31	2 23	1 42	3 55	1 16	13 33	1 40	24 7	0 25	23 14	0 18	12 38	3 59	0 39	0 29	15 29			n.a.
S 11	23 56	28 18	4 53	19 17	4 26	15 55	0 37	2 38	1 42	3 58	1 16	13 34	1 40	24 7	0 25	23 14	0 18	12 38	3 59	0 34	0 28	15 26			n.a.
S 12	23 56	28 55	5 0	19 19	4 26	15 32	0 44	2 52	1 42	4 0	1 16	13 36	1 40	24 7	0 25	23 15	0 18	12 38	3 59	0 29	0 26	15 23			n.a.
M13	23 55	28 1	4 52	19 23	4 25	15 8	0 51	3 6	1 42	4 3	1 17	13 38	1 40	24 7	0 25	23 15	0 18	12 39	3 59	0 23	0 25	15 20			n.a.
T 14	23 54	25 47	4 31	19 28	4 22	14 45	0 58	3 20	1 41	4 6	1 17	13 40	1 40	24 6	0 25	23 15	0 18	12 39	3 59	0 18	0 24	15 17			n.a.
W15	23 53	22 24	3 58	19 35	4 17	14 21	1 5	3 34	1 41	4 8	1 17	13 42	1 40	24 6	0 25	23 15	0 18	12 39	3 59	0 14	0 22	15 14			n.a.
T 16	23 51	18 7	3 15	19 44	4 10	13 57	1 12	3 48	1 41	4 11	1 17	13 44	1 40	24 6	0 25	23 15	0 18	12 40	3 59	0 11	0 21	15 11			n.a.
F 17	23 49	13 12	2 24	19 54	4 1	13 33	1 20	4 1	1 40	4 13	1 17	13 45	1 40	24 6	0 25	23 16	0 18	12 40	3 59	0 9	0 20	15 8			n.a.
S 18	23 47	7 48	1 26	20 5	3 50	13 9	1 27	4 15	1 40	4 16	1 17	13 47	1 40	24 6	0 25	23 16	0 18	12 40	3 59	0 8	0 18	15 5			n.a.
S 19	23 43	2 8	0 25	20 18	3 38	12 44	1 35	4 28	1 40	4 18	1 17	13 49	1 40	24 6	0 25	23 16	0 18	12 40	3 59	0 7	0 17	15 2			n.a.
M20	23 40	3n41	0n39	20 32	3 24	12 20	1 43	4 42	1 39	4 20	1 18	13 50	1 41	24 6	0 25	23 16	0 18	12 41	3 59	0 7	0 16	14 59			n.a.
T 21	23 36	9 29	1 42	20 47	3 9	11 56	1 51	4 55	1 39	4 23	1 18	13 52	1 41	24 5	0 25	23 16	0 18	12 41	3 59	0 7	0 15	14 56			n.a.
W22	23 32	15 3	2 41	21 3	2 53	11 31	1 59	5 8	1 39	4 25	1 18	13 54	1 41	24 5	0 25	23 16	0 18	12 41	3 59	0 7	0 13	14 53			n.a.
T 23	23 27	20 9	3 34	21 20	2 36	11 7	2 7	5 22	1 38	4 27	1 18	13 55	1 41	24 5	0 25	23 17	0 18	12 42	4 0	0 5	0 12	14 50			n.a.
F 24	23 22	24 26	4 18	21 37	2 18	10 43	2 15	5 34	1 38	4 29	1 18	13 57	1 41	24 5	0 25	23 17	0 18	12 42	4 0	0 2	0 11	14 46			n.a.
S 25	23 16	27 30	4 48	21 55	2 0	10 18	2 23	5 47	1 38	4 31	1 18	13 58	1 41	24 5	0 25	23 17	0 18	12 42	4 0	0s 1	0 9	14 43			n.a.
S 26	23 10	28 54	5 1	22 13	1 42	9 54	2 32	6 0	1 37	4 33	1 19	14 0	1 41	24 5	0 25	23 17	0 18	12 42	4 0	0 5	0 8	14 40			n.a.
M27	23 4	28 20	4 55	22 31	1 24	9 30	2 41	6 13	1 37	4 35	1 19	14 1	1 41	24 5	0 25	23 17	0 18	12 42	4 0	0 10	0 7	14 37			n.a.
T 28	22 57	25 45	4 30	22 49	1 7	9 6	2 50	6 25	1 36	4 36	1 19	14 3	1 41	24 4	0 25	23 17	0 18	12 43	4 0	0 14	0 6	14 34			n.a.
W29	22 49	21 24	3 45	23 6	0 50	8 42	2 58	6 38	1 36	4 38	1 19	14 4	1 41	24 4	0 25	23 18	0 18	12 43	4 0	0 18	0 4	14 31			n.a.
T 30	22 42	15 42	2 46	23 23	0 33	8 18	3 7	6 50	1 35	4 40	1 19	14 5	1 41	24 4	0 25	23 18	0 18	12 43	4 0	0 20	0 3	14 28			n.a.
F 31	22n33	9n10	1n36	23n39	0s17	7n54	3s17	7n 2	1s35	4n41	1s19	14n 7	1s42	24s 4	0s25	23n18	0s18	12n43	4s 0	0s22	0n 2	14s25			n.a.

Julian Day Number = 978685.5, Delta T = 13h16m30s
Ecliptic obliquity = 23°55'48, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'25, Lahiri = -31°59'25 Julian Calendar 1 July 2034 BCE == Greg. Calendar 14 June 2034 BCE

The year -2033 astronomical counting style corresponds to year 2034 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

AUGUST 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 27 50	19♋56'10	25♍11	1♋59	2♍45	21♈52	14♈45	11♉59	21°R36	20♊38	14♉34	29°D 6	0♈ 1	29♒25	n.a.	S 1
S 2	19 31 46	20°54'49	9♎19	3° 3	3°25	22°23	14°49	12° 3	21♐34	20°40	14°35	29♓ 6	29♓58	29°32	n.a.	S 2
M 3	19 35 43	21°53'31	23° 7	4°14	4° 4	22°53	14°53	12° 8	21°32	20°42	14°36	29°R 6	29°55	29°38	n.a.	M 3
T 4	19 39 40	22°52'14	6♏37	5°31	4°42	23°22	14°56	12°12	21°30	20°44	14°36	29° 5	29°52	29°45	n.a.	T 4
W 5	19 43 36	23°50'59	19°50	6°53	5°18	23°52	15° 0	12°16	21°28	20°46	14°37	29° 2	29°48	29°52	n.a.	W 5
T 6	19 47 33	24°49'46	2♐49	8°20	5°54	24°21	15° 3	12°20	21°26	20°48	14°38	28°57	29°45	29°58	n.a.	T 6
F 7	19 51 29	25°48'35	15°35	9°52	6°28	24°50	15° 6	12°24	21°24	20°50	14°38	28°49	29°42	0♓ 5	n.a.	F 7
S 8	19 55 26	26°47'26	28° 9	11°28	7° 0	25°18	15° 9	12°28	21°22	20°51	14°39	28°39	29°39	0°12	n.a.	S 8
S 9	19 59 22	27°46'19	10♑32	13° 6	7°32	25°46	15°12	12°32	21°20	20°53	14°39	28°28	29°36	0°18	n.a.	S 9
M10	20 3 19	28°45'14	22°46	14°48	8° 1	26°14	15°14	12°36	21°19	20°55	14°40	28°17	29°33	0°25	n.a.	M10
T 11	20 7 15	29°44'11	4♒51	16°31	8°30	26°42	15°16	12°39	21°17	20°57	14°41	28° 6	29°29	0°32	n.a.	T 11
W12	20 11 12	0♘43'11	16°48	18°16	8°56	27° 9	15°18	12°43	21°15	20°59	14°41	27°57	29°26	0°38	n.a.	W12
T 13	20 15 9	1°42'13	28°39	20° 3	9°21	27°36	15°20	12°46	21°14	21° 1	14°42	27°51	29°23	0°45	n.a.	T 13
F 14	20 19 5	2°41'17	10♓27	21°51	9°45	28° 3	15°22	12°50	21°12	21° 2	14°42	27°47	29°20	0°52	n.a.	F 14
S 15	20 23 2	3°40'23	22°14	23°39	10° 6	28°29	15°23	12°53	21°10	21° 4	14°42	27°D45	29°17	0°58	n.a.	S 15
S 16	20 26 58	4°39'32	4♈ 4	25°28	10°26	28°55	15°25	12°56	21° 9	21° 6	14°43	27°45	29°13	1° 5	n.a.	S 16
M17	20 30 55	5°38'43	16° 2	27°17	10°44	29°21	15°26	12°59	21° 7	21° 8	14°43	27°46	29°10	1°12	n.a.	M17
T 18	20 34 51	6°37'57	28°12	29° 5	11° 0	29°46	15°27	13° 2	21° 6	21° 9	14°44	27°47	29° 7	1°18	n.a.	T 18
W19	20 38 48	7°37'13	10♉40	0♘54	11°14	0♉11	15°27	13° 5	21° 5	21°11	14°44	27°R47	29° 4	1°25	n.a.	W19
T 20	20 42 44	8°36'32	23°30	2°43	11°26	0°36	15°28	13° 7	21° 3	21°13	14°44	27°46	29° 1	1°32	n.a.	T 20
F 21	20 46 41	9°35'53	6♊47	4°31	11°36	1° 0	15°28	13°10	21° 2	21°14	14°45	27°43	28°58	1°38	n.a.	F 21
S 22	20 50 37	10°35'17	20°33	6°18	11°44	1°24	15°R28	13°13	21° 1	21°16	14°45	27°38	28°54	1°45	n.a.	S 22
S 23	20 54 34	11°34'43	4♋48	8° 5	11°50	1°47	15°28	13°15	20°59	21°17	14°45	27°31	28°51	1°52	n.a.	S 23
M24	20 58 31	12°34'12	19°29	9°52	11°53	2°10	15°28	13°17	20°58	21°19	14°45	27°24	28°48	1°58	n.a.	M24
T 25	21 2 27	13°33'43	4♘30	11°38	11°R54	2°33	15°27	13°20	20°57	21°21	14°46	27°17	28°45	2° 5	n.a.	T 25
W26	21 6 24	14°33'17	19°41	13°23	11°53	2°55	15°26	13°22	20°56	21°22	14°46	27°12	28°42	2°12	n.a.	W26
T 27	21 10 20	15°32'52	4♍52	15° 7	11°49	3°16	15°25	13°24	20°55	21°24	14°46	27° 8	28°39	2°18	n.a.	T 27
F 28	21 14 17	16°32'30	19°54	16°51	11°43	3°38	15°24	13°25	20°54	21°25	14°46	27° 6	28°35	2°25	n.a.	F 28
S 29	21 18 13	17°32'09	4♎39	18°34	11°35	3°58	15°23	13°27	20°53	21°26	14°46	27°D 6	28°32	2°31	n.a.	S 29
S 30	21 22 10	18°31'50	19° 2	20°16	11°24	4°19	15°21	13°29	20°52	21°28	14°46	27° 7	28°29	2°38	n.a.	S 30
M31	21 26 6	19♘31'34	3♏ 0	21♘58	11♍11	4♉38	15♈20	13♉30	20♐51	21♊29	14♉46	27♓ 9	28♓26	2♓45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n25	2n16	0n21	23n53	0s 2	7n31	3s26	7n14	1s34	4n43	1s20	14n 8	1s42	24s 4	0s25	23n18	0s18	12n43	4s 0	0s22	0n 0	14s22		n.a.
S 2	22 16	4s35	0s54	24 6	0n13	7 7	3 35	7 26	1 34	4 44	1 20	14 9	1 42	24 4	0 25	23 18	0 18	12 44	4 0	0 22	0s 1	14 19		n.a.
M 3	22 7	11 5	2 4	24 18	0 26	6 44	3 45	7 38	1 33	4 45	1 20	14 11	1 42	24 4	0 25	23 18	0 17	12 44	4 0	0 22	0 2	14 15		n.a.
T 4	21 57	16 55	3 6	24 27	0 39	6 22	3 54	7 50	1 33	4 46	1 20	14 12	1 42	24 4	0 25	23 18	0 17	12 44	4 0	0 22	0 3	14 12		n.a.
W 5	21 47	21 50	3 56	24 35	0 50	5 59	4 4	8 1	1 32	4 48	1 20	14 13	1 42	24 3	0 25	23 19	0 17	12 44	4 0	0 23	0 5	14 9		n.a.
T 6	21 36	25 36	4 33	24 40	1 1	5 37	4 14	8 12	1 32	4 49	1 21	14 14	1 42	24 3	0 25	23 19	0 17	12 44	4 0	0 26	0 6	14 6		n.a.
F 7	21 25	28 1	4 55	24 43	1 10	5 15	4 23	8 24	1 31	4 50	1 21	14 15	1 42	24 3	0 25	23 19	0 17	12 44	4 0	0 29	0 7	14 3		n.a.
S 8	21 14	28 58	5 3	24 43	1 18	4 54	4 33	8 35	1 31	4 51	1 21	14 16	1 42	24 3	0 25	23 19	0 17	12 45	4 0	0 33	0 9	14 0		n.a.
S 9	21 2	28 26	4 57	24 41	1 26	4 33	4 43	8 46	1 30	4 52	1 21	14 18	1 42	24 3	0 25	23 19	0 17	12 45	4 0	0 37	0 10	13 57		n.a.
M10	20 50	26 30	4 37	24 37	1 32	4 13	4 53	8 57	1 29	4 52	1 21	14 19	1 42	24 3	0 25	23 19	0 17	12 45	4 0	0 42	0 11	13 54		n.a.
T 11	20 37	23 23	4 4	24 30	1 37	3 53	5 3	9 7	1 29	4 53	1 21	14 20	1 43	24 3	0 25	23 19	0 17	12 45	4 0	0 46	0 12	13 50		n.a.
W12	20 24	19 18	3 21	24 20	1 42	3 33	5 13	9 18	1 28	4 54	1 22	14 21	1 43	24 3	0 25	23 20	0 17	12 45	4 0	0 50	0 14	13 47		n.a.
T 13	20 11	14 31	2 30	24 8	1 45	3 14	5 23	9 29	1 28	4 54	1 22	14 22	1 43	24 2	0 25	23 20	0 17	12 45	4 0	0 52	0 15	13 44		n.a.
F 14	19 58	9 13	1 32	23 54	1 48	2 56	5 33	9 39	1 27	4 55	1 22	14 22	1 43	24 2	0 25	23 20	0 17	12 45	4 0	0 54	0 16	13 41		n.a.
S 15	19 44	3 36	0 30	23 37	1 50	2 39	5 43	9 49	1 26	4 55	1 22	14 23	1 43	24 2	0 25	23 20	0 17	12 45	4 0	0 55	0 18	13 38		n.a.
S 16	19 29	2n10	0n34	23 18	1 51	2 22	5 54	9 59	1 26	4 56	1 22	14 24	1 43	24 2	0 25	23 20	0 17	12 46	4 0	0 55	0 19	13 35		n.a.
M17	19 15	7 55	1 37	22 58	1 52	2 6	6 4	10 9	1 25	4 56	1 22	14 25	1 43	24 2	0 25	23 20	0 17	12 46	4 0	0 54	0 20	13 31		n.a.
T 18	19 0	13 29	2 37	22 35	1 52	1 50	6 14	10 19	1 24	4 56	1 23	14 26	1 43	24 2	0 24	23 20	0 17	12 46	4 0	0 54	0 21	13 28		n.a.
W19	18 44	18 39	3 30	22 10	1 51	1 36	6 23	10 28	1 23	4 56	1 23	14 27	1 43	24 2	0 24	23 20	0 17	12 46	4 0	0 54	0 23	13 25		n.a.
T 20	18 29	23 9	4 15	21 44	1 50	1 22	6 33	10 38	1 23	4 56	1 23	14 27	1 44	24 2	0 24	23 21	0 17	12 46	4 0	0 54	0 24	13 22		n.a.
F 21	18 13	26 37	4 48	21 16	1 48	1 10	6 43	10 47	1 22	4 56	1 23	14 28	1 44	24 2	0 24	23 21	0 17	12 46	4 0	0 56	0 25	13 19		n.a.
S 22	17 56	28 40	5 6	20 47	1 46	0 58	6 52	10 56	1 21	4 56	1 23	14 29	1 44	24 1	0 24	23 21	0 17	12 46	4 1	0 58	0 27	13 16		n.a.
S 23	17 40	28 56	5 6	20 16	1 43	0 47	7 2	11 5	1 20	4 56	1 23	14 29	1 44	24 1	0 24	23 21	0 17	12 46	4 1	1 0	0 28	13 12		n.a.
M24	17 23	27 12	4 46	19 44	1 40	0 37	7 11	11 14	1 19	4 56	1 24	14 30	1 44	24 1	0 24	23 21	0 17	12 46	4 1	1 3	0 29	13 9		n.a.
T 25	17 6	23 31	4 6	19 11	1 36	0 29	7 20	11 23	1 19	4 55	1 24	14 30	1 44	24 1	0 24	23 21	0 17	12 46	4 1	1 6	0 30	13 6		n.a.
W26	16 48	18 12	3 9	18 37	1 32	0 21	7 28	11 31	1 18	4 55	1 24	14 31	1 44	24 1	0 24	23 21	0 17	12 46	4 1	1 8	0 32	13 3		n.a.
T 27	16 30	11 44	1 58	18 2	1 28	0 15	7 37	11 40	1 17	4 54	1 24	14 31	1 44	24 1	0 24	23 21	0 17	12 46	4 1	1 10	0 33	13 0		n.a.
F 28	16 12	4 40	0 39	17 26	1 24	0 10	7 44	11 48	1 16	4 54	1 24	14 32	1 45	24 1	0 24	23 21	0 17	12 46	4 1	1 10	0 34	12 57		n.a.
S 29	15 54	2s31	0s41	16 49	1 19	0 6	7 52	11 56	1 15	4 53	1 24	14 32	1 45	24 1	0 24	23 22	0 17	12 46	4 1	1 10	0 36	12 53		n.a.
S 30	15 35	9 23	1 57	16 12	1 14	0 4	7 59	12 4	1 14	4 52	1 25	14 33	1 45	24 1	0 24	23 22	0 17	12 46	4 1	1 10	0 37	12 50		n.a.
M31	15n16	15s37	3s 3	15n33	1n 9	0n 3	8s 6	12n11	1s13	4n51	1s25	14n33	1s45	24s 1	0s24	23n22	0s17	12n46	4s 1	1s 9	0s38	12s47		n.a.

Julian Day Number = 978716.5, Delta T = 13h16m28s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'21, Lahiri = -31°59'20 Julian Calendar 1 Aug. 2034 BCE == Greg. Calendar 15 July 2034 BCE

The year -2033 astronomical counting style corresponds to year 2034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

SEPTEMBER 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 30 3	20♌31'19	16♏34	23♌38	10°R55	4♉58	15°R18	13♉32	20°R50	21♊31	14♉46	27°R10	28♓23	2♓51	n.a.	T 1
W 2	21 33 59	21°31'06	29°45	25°19	10♍37	5°17	15♈16	13°33	20♐49	21°32	14°R46	27♓ 9	28°19	2°58	n.a.	W 2
T 3	21 37 56	22°30'55	12♐37	26°58	10°17	5°35	15°13	13°34	20°48	21°33	14°46	27° 8	28°16	3° 5	n.a.	T 3
F 4	21 41 53	23°30'46	25°12	28°37	9°54	5°53	15°11	13°36	20°48	21°34	14°46	27° 4	28°13	3°11	n.a.	F 4
S 5	21 45 49	24°30'39	7♑34	0♍15	9°30	6°10	15° 8	13°36	20°47	21°36	14°46	26°59	28°10	3°18	n.a.	S 5
S 6	21 49 46	25°30'34	19°44	1°53	9° 3	6°27	15° 5	13°37	20°46	21°37	14°46	26°54	28° 7	3°25	n.a.	S 6
M 7	21 53 42	26°30'31	1♒47	3°30	8°35	6°43	15° 2	13°38	20°46	21°38	14°46	26°48	28° 4	3°31	n.a.	M 7
T 8	21 57 39	27°30'29	13°42	5° 6	8° 5	6°59	14°59	13°39	20°45	21°39	14°46	26°43	28° 0	3°38	n.a.	T 8
W 9	22 1 35	28°30'30	25°34	6°42	7°33	7°14	14°55	13°39	20°45	21°40	14°46	26°39	27°57	3°45	n.a.	W 9
T 10	22 5 32	29°30'33	7♓22	8°17	7° 0	7°28	14°52	13°40	20°44	21°41	14°46	26°36	27°54	3°51	n.a.	T 10
F 11	22 9 28	0♍30'37	19°11	9°51	6°26	7°42	14°48	13°40	20°44	21°42	14°46	26°34	27°51	3°58	n.a.	F 11
S 12	22 13 25	1°30'44	1♈ 0	11°26	5°51	7°55	14°44	13°40	20°44	21°43	14°45	26°D34	27°48	4° 5	n.a.	S 12
S 13	22 17 21	2°30'53	12°55	12°59	5°15	8° 8	14°39	13°R40	20°43	21°44	14°45	26°35	27°45	4°11	n.a.	S 13
M14	22 21 18	3°31'04	24°56	14°32	4°39	8°20	14°35	13°40	20°43	21°45	14°45	26°36	27°41	4°18	n.a.	M14
T 15	22 25 15	4°31'18	7♉ 9	16° 5	4° 2	8°32	14°30	13°40	20°43	21°46	14°45	26°38	27°38	4°25	n.a.	T 15
W16	22 29 11	5°31'33	19°37	17°37	3°26	8°42	14°26	13°40	20°43	21°47	14°44	26°40	27°35	4°31	n.a.	W16
T 17	22 33 8	6°31'51	2♊24	19° 8	2°50	8°52	14°21	13°39	20°43	21°48	14°44	26°R40	27°32	4°38	n.a.	T 17
F 18	22 37 4	7°32'12	15°35	20°40	2°14	9° 2	14°16	13°39	20°D43	21°49	14°44	26°40	27°29	4°45	n.a.	F 18
S 19	22 41 1	8°32'34	29°11	22°10	1°40	9°10	14°10	13°38	20°43	21°50	14°43	26°39	27°25	4°51	n.a.	S 19
S 20	22 44 57	9°32'59	13♋14	23°41	1° 6	9°18	14° 5	13°38	20°43	21°50	14°43	26°37	27°22	4°58	n.a.	S 20
M21	22 48 54	10°33'26	27°43	25°10	0°33	9°26	13°59	13°37	20°43	21°51	14°42	26°35	27°19	5° 5	n.a.	M21
T 22	22 52 50	11°33'55	12♌35	26°40	0° 2	9°32	13°53	13°36	20°43	21°52	14°42	26°33	27°16	5°11	n.a.	T 22
W23	22 56 47	12°34'25	27°42	28° 8	29♌33	9°38	13°47	13°35	20°43	21°53	14°41	26°32	27°13	5°18	n.a.	W23
T 24	23 0 43	13°34'58	12♍56	29°37	29° 5	9°43	13°41	13°34	20°44	21°53	14°41	26°31	27°10	5°25	n.a.	T 24
F 25	23 4 40	14°35'32	28° 6	1♎ 4	28°40	9°47	13°35	13°32	20°44	21°54	14°40	26°D30	27° 6	5°31	n.a.	F 25
S 26	23 8 37	15°36'08	13♎ 3	2°32	28°16	9°51	13°29	13°31	20°44	21°54	14°40	26°31	27° 3	5°38	n.a.	S 26
S 27	23 12 33	16°36'46	27°41	3°58	27°55	9°54	13°22	13°29	20°45	21°55	14°39	26°31	27° 0	5°45	n.a.	S 27
M28	23 16 30	17°37'25	11♏53	5°24	27°35	9°55	13°16	13°28	20°45	21°55	14°39	26°32	26°57	5°51	n.a.	M28
T 29	23 20 26	18°38'06	25°38	6°49	27°19	9°56	13° 9	13°26	20°46	21°56	14°38	26°33	26°54	5°58	n.a.	T 29
W30	23 24 23	19♍38'48	8♐57	8♎14	27♌ 4	9°R57	13♈ 2	13♉24	20♐47	21♊56	14♉38	26♓34	26♓50	6♓ 5	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n57	20s54	3s57	14n54	1n 3	0n 3	8s12	12n19	1s12	4n51	1s25	14n33	1s45	24s 1	0s24	23n22	0s17	12n46	4s 1	1s 9	0s39	12s44		n.a.
W 2	14 37	25 1	4 37	14 15	0 58	0 5	8 17	12 26	1 11	4 50	1 25	14 34	1 45	24 1	0 24	23 22	0 17	12 46	4 1	1 9	0 41	12 41		n.a.
T 3	14 17	27 46	5 2	13 35	0 52	0 8	8 22	12 33	1 10	4 49	1 25	14 34	1 45	24 1	0 24	23 22	0 17	12 46	4 1	1 10	0 42	12 37		n.a.
F 4	13 57	29 2	5 12	12 55	0 46	0 13	8 26	12 40	1 9	4 47	1 25	14 34	1 45	24 0	0 24	23 22	0 17	12 46	4 1	1 11	0 43	12 34		n.a.
S 5	13 37	28 49	5 7	12 14	0 40	0 19	8 29	12 47	1 8	4 46	1 25	14 34	1 45	24 0	0 24	23 22	0 17	12 46	4 1	1 13	0 45	12 31		n.a.
S 6	13 17	27 11	4 48	11 33	0 34	0 27	8 32	12 54	1 7	4 45	1 26	14 35	1 46	24 0	0 24	23 22	0 17	12 46	4 1	1 15	0 46	12 28		n.a.
M 7	12 56	24 20	4 16	10 51	0 27	0 36	8 34	13 0	1 6	4 44	1 26	14 35	1 46	24 0	0 24	23 22	0 17	12 46	4 1	1 18	0 47	12 24		n.a.
T 8	12 35	20 27	3 34	10 9	0 21	0 46	8 35	13 6	1 4	4 42	1 26	14 35	1 46	24 0	0 24	23 22	0 17	12 46	4 1	1 20	0 49	12 21		n.a.
W 9	12 14	15 48	2 42	9 27	0 14	0 58	8 35	13 13	1 3	4 41	1 26	14 35	1 46	24 0	0 24	23 22	0 17	12 46	4 1	1 22	0 50	12 18		n.a.
T 10	11 53	10 34	1 44	8 45	0 8	1 11	8 34	13 19	1 2	4 39	1 26	14 35	1 46	24 0	0 24	23 23	0 17	12 45	4 1	1 23	0 51	12 15		n.a.
F 11	11 31	4 59	0 41	8 3	0 1	1 25	8 32	13 24	1 1	4 37	1 26	14 35	1 46	24 0	0 24	23 23	0 17	12 45	4 1	1 23	0 52	12 12		n.a.
S 12	11 9	0n47	0n24	7 20	0s 5	1 41	8 29	13 30	1 0	4 36	1 26	14 35	1 46	24 0	0 24	23 23	0 17	12 45	4 1	1 24	0 54	12 8		n.a.
S 13	10 47	6 34	1 29	6 38	0 12	1 57	8 26	13 35	0 58	4 34	1 26	14 35	1 46	24 0	0 24	23 23	0 17	12 45	4 1	1 23	0 55	12 5		n.a.
M14	10 25	12 10	2 30	5 55	0 19	2 15	8 21	13 40	0 57	4 32	1 27	14 35	1 46	24 0	0 24	23 23	0 17	12 45	4 1	1 23	0 56	12 2		n.a.
T 15	10 3	17 24	3 26	5 13	0 25	2 33	8 15	13 45	0 56	4 30	1 27	14 34	1 47	24 0	0 24	23 23	0 17	12 45	4 1	1 22	0 58	11 59		n.a.
W16	9 40	22 2	4 13	4 30	0 32	2 52	8 9	13 50	0 54	4 28	1 27	14 34	1 47	24 0	0 24	23 23	0 17	12 45	4 1	1 21	0 59	11 55		n.a.
T 17	9 18	25 46	4 48	3 47	0 39	3 12	8 1	13 55	0 53	4 26	1 27	14 34	1 47	24 0	0 24	23 23	0 17	12 45	4 2	1 21	1 0	11 52		n.a.
F 18	8 55	28 16	5 10	3 5	0 45	3 32	7 53	13 59	0 51	4 24	1 27	14 34	1 47	24 0	0 24	23 23	0 17	12 45	4 2	1 21	1 1	11 49		n.a.
S 19	8 32	29 11	5 16	2 22	0 52	3 53	7 44	14 3	0 50	4 22	1 27	14 33	1 47	24 0	0 24	23 23	0 17	12 44	4 2	1 21	1 3	11 46		n.a.
S 20	8 9	28 17	5 3	1 40	0 59	4 14	7 34	14 7	0 49	4 20	1 27	14 33	1 47	24 0	0 24	23 23	0 17	12 44	4 2	1 22	1 4	11 42		n.a.
M21	7 46	25 28	4 31	0 58	1 5	4 36	7 24	14 11	0 47	4 17	1 27	14 33	1 47	24 0	0 24	23 23	0 17	12 44	4 2	1 23	1 5	11 39		n.a.
T 22	7 22	20 53	3 40	0 16	1 11	4 57	7 13	14 15	0 45	4 15	1 27	14 32	1 47	24 0	0 24	23 23	0 17	12 44	4 2	1 24	1 7	11 36		n.a.
W23	6 59	14 54	2 33	0s26	1 18	5 18	7 1	14 18	0 44	4 13	1 27	14 32	1 47	24 0	0 24	23 23	0 17	12 44	4 2	1 24	1 8	11 33		n.a.
T 24	6 35	7 59	1 15	1 7	1 24	5 39	6 48	14 21	0 42	4 10	1 27	14 32	1 48	24 0	0 24	23 23	0 17	12 44	4 2	1 25	1 9	11 29		n.a.
F 25	6 11	0 38	0s 9	1 48	1 30	6 0	6 36	14 24	0 41	4 8	1 27	14 31	1 48	24 0	0 24	23 23	0 17	12 43	4 2	1 25	1 10	11 26		n.a.
S 26	5 47	6s39	1 31	2 29	1 36	6 21	6 22	14 27	0 39	4 5	1 27	14 31	1 48	24 0	0 24	23 23	0 17	12 43	4 2	1 25	1 12	11 23		n.a.
S 27	5 23	13 25	2 45	3 9	1 42	6 41	6 9	14 29	0 37	4 3	1 28	14 30	1 48	24 0	0 24	23 23	0 17	12 43	4 2	1 25	1 13	11 20		n.a.
M28	4 59	19 17	3 46	3 49	1 47	7 0	5 55	14 32	0 36	4 0	1 28	14 29	1 48	24 0	0 24	23 24	0 17	12 43	4 2	1 24	1 14	11 16		n.a.
T 29	4 35	23 58	4 33	4 29	1 53	7 19	5 41	14 34	0 34	3 57	1 28	14 29	1 48	24 0	0 24	23 24	0 17	12 43	4 2	1 24	1 16	11 13		n.a.
W30	4n11	27s13	5s 3	5s 8	1s58	7n38	5s27	14n36	0s32	3n54	1s28	14n28	1s48	24s 0	0s24	23n24	0s17	12n42	4s 2	1s24	1s17	11s10		n.a.

Julian Day Number = 978747.5, Delta T = 13h16m25s
Ecliptic obliquity = 23°55'49, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'17, Lahiri = -31°59'16 Julian Calendar 1 Sept. 2034 BCE == Greg. Calendar 15 Aug. 2034 BCE

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

OCTOBER 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 28 19	20♍39'31	21♐51	9♎38	26°R52	9°R56	12°R55	13°R22	20♐47	21♊57	14°R37	26°R34	26♓47	6♓11	n.a.	T 1
F 2	23 32 16	21°40'16	4♑24	11° 1	26♌42	9♉55	12♈48	13♉20	20°48	21°57	14♉36	26♓33	26°44	6°18	n.a.	F 2
S 3	23 36 12	22°41'02	16°41	12°22	26°35	9°53	12°41	13°18	20°49	21°57	14°36	26°33	26°41	6°25	n.a.	S 3
S 4	23 40 9	23°41'50	28°45	13°43	26°30	9°49	12°33	13°16	20°49	21°58	14°35	26°33	26°38	6°31	n.a.	S 4
M 5	23 44 6	24°42'38	10♒40	15° 3	26°D28	9°46	12°26	13°14	20°50	21°58	14°34	26°32	26°35	6°38	n.a.	M 5
T 6	23 48 2	25°43'28	22°30	16°21	26°28	9°41	12°18	13°11	20°51	21°58	14°33	26°32	26°31	6°44	n.a.	T 6
W 7	23 51 59	26°44'19	4♓18	17°38	26°31	9°35	12°11	13° 8	20°52	21°58	14°33	26°D32	26°28	6°51	n.a.	W 7
T 8	23 55 55	27°45'11	16° 7	18°52	26°36	9°29	12° 3	13° 6	20°53	21°59	14°32	26°32	26°25	6°58	n.a.	T 8
F 9	23 59 52	28°46'05	27°59	20° 5	26°43	9°21	11°55	13° 3	20°54	21°59	14°31	26°R32	26°22	7° 4	n.a.	F 9
S 10	0 3 48	29°47'00	9♈56	21°16	26°53	9°13	11°47	13° 0	20°55	21°59	14°30	26°32	26°19	7°11	n.a.	S 10
S 11	0 7 45	0♎47'57	22° 0	22°24	27° 5	9° 4	11°40	12°57	20°56	21°59	14°29	26°32	26°16	7°18	n.a.	S 11
M12	0 11 41	1°48'54	4♉13	23°29	27°19	8°54	11°32	12°54	20°58	21°R59	14°29	26°31	26°12	7°24	n.a.	M12
T 13	0 15 38	2°49'54	16°37	24°30	27°35	8°44	11°24	12°51	20°59	21°59	14°28	26°31	26° 9	7°31	n.a.	T 13
W14	0 19 35	3°50'54	29°14	25°28	27°53	8°32	11°16	12°48	21° 0	21°59	14°27	26°30	26° 6	7°38	n.a.	W14
T 15	0 23 31	4°51'57	12♊ 6	26°21	28°13	8°20	11° 7	12°45	21° 2	21°59	14°26	26°29	26° 3	7°44	n.a.	T 15
F 16	0 27 28	5°53'00	25°15	27° 9	28°36	8° 7	10°59	12°41	21° 3	21°59	14°25	26°28	26° 0	7°51	n.a.	F 16
S 17	0 31 24	6°54'05	8♋44	27°52	29° 0	7°53	10°51	12°38	21° 4	21°59	14°24	26°D28	25°56	7°58	n.a.	S 17
S 18	0 35 21	7°55'12	22°34	28°28	29°26	7°38	10°43	12°34	21° 6	21°58	14°23	26°28	25°53	8° 4	n.a.	S 18
M19	0 39 17	8°56'20	6♌46	28°57	29°53	7°22	10°35	12°30	21° 7	21°58	14°22	26°29	25°50	8°11	n.a.	M19
T 20	0 43 14	9°57'29	21°16	29°18	0♍22	7° 6	10°27	12°27	21° 9	21°58	14°21	26°30	25°47	8°18	n.a.	T 20
W21	0 47 10	10°58'39	6♍ 3	29°30	0°53	6°49	10°18	12°23	21°11	21°58	14°20	26°31	25°44	8°24	n.a.	W21
T 22	0 51 7	11°59'50	21° 0	29°R32	1°26	6°31	10°10	12°19	21°12	21°57	14°19	26°R32	25°41	8°31	n.a.	T 22
F 23	0 55 4	13° 1'02	6♎ 0	29°24	2° 0	6°13	10° 2	12°15	21°14	21°57	14°18	26°32	25°37	8°38	n.a.	F 23
S 24	0 59 0	14° 2'15	20°54	29° 5	2°35	5°54	9°54	12°11	21°16	21°57	14°17	26°31	25°34	8°44	n.a.	S 24
S 25	1 2 57	15° 3'29	5♏34	28°35	3°12	5°34	9°46	12° 7	21°18	21°56	14°16	26°29	25°31	8°51	n.a.	S 25
M26	1 6 53	16° 4'44	19°54	27°53	3°50	5°14	9°38	12° 3	21°20	21°56	14°15	26°26	25°28	8°58	n.a.	M26
T 27	1 10 50	17° 5'59	3♐48	27° 0	4°29	4°53	9°30	11°58	21°21	21°55	14°14	26°23	25°25	9° 4	n.a.	T 27
W28	1 14 46	18° 7'15	17°16	25°58	5° 9	4°31	9°22	11°54	21°23	21°55	14°13	26°20	25°22	9°11	n.a.	W28
T 29	1 18 43	19° 8'31	0♑17	24°47	5°51	4° 9	9°14	11°50	21°25	21°54	14°12	26°18	25°18	9°17	n.a.	T 29
F 30	1 22 40	20° 9'48	12°55	23°29	6°34	3°47	9° 6	11°45	21°27	21°54	14°11	26°17	25°15	9°24	n.a.	F 30
S 31	1 26 36	21♎11'05	25♑13	22♎ 7	7♍18	3♉25	8♈58	11♉41	21♐29	21♊53	14♉10	26°D16	25♓12	9♓31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	3n46	28s56	5s17	5s46	2s 3	7n55	5s12	14n37	0s30	3n52	1s28	14n27	1s48	24s 0	0s24	23n24	0s17	12n42	4s 2	1s24	1s18	11s 6			n.a.
F 2	3 22	29 6	5 15	6 23	2 7	8 12	4 58	14 38	0 28	3 49	1 28	14 27	1 48	24 0	0 24	23 24	0 17	12 42	4 2	1 24	1 19	11 3			n.a.
S 3	2 58	27 48	4 58	7 0	2 12	8 28	4 43	14 40	0 26	3 46	1 28	14 26	1 48	24 0	0 24	23 24	0 17	12 42	4 2	1 24	1 21	11 0			n.a.
S 4	2 33	25 13	4 29	7 36	2 16	8 44	4 29	14 40	0 24	3 43	1 28	14 25	1 48	24 0	0 24	23 24	0 17	12 42	4 2	1 24	1 22	10 57			n.a.
M 5	2 9	21 34	3 48	8 11	2 20	8 58	4 15	14 41	0 22	3 40	1 28	14 24	1 49	24 0	0 24	23 24	0 17	12 41	4 2	1 24	1 23	10 53			n.a.
T 6	1 44	17 6	2 58	8 45	2 23	9 11	4 0	14 41	0 20	3 37	1 28	14 24	1 49	24 0	0 24	23 24	0 17	12 41	4 2	1 24	1 25	10 50			n.a.
W 7	1 19	12 0	2 0	9 18	2 26	9 24	3 46	14 42	0 18	3 34	1 28	14 23	1 49	24 0	0 24	23 24	0 17	12 41	4 2	1 24	1 26	10 47			n.a.
T 8	0 55	6 28	0 58	9 49	2 29	9 35	3 32	14 41	0 16	3 31	1 28	14 22	1 49	24 0	0 24	23 24	0 17	12 41	4 2	1 24	1 27	10 43			n.a.
F 9	0 30	0 42	0n 8	10 19	2 31	9 46	3 18	14 41	0 14	3 28	1 28	14 21	1 49	24 1	0 24	23 24	0 17	12 40	4 2	1 24	1 28	10 40			n.a.
S 10	0 5	5n 8	1 14	10 48	2 32	9 55	3 4	14 40	0 12	3 25	1 27	14 20	1 49	24 1	0 24	23 24	0 17	12 40	4 2	1 24	1 30	10 37			n.a.
S 11	0s19	10 51	2 17	11 15	2 33	10 4	2 51	14 40	0 10	3 22	1 27	14 19	1 49	24 1	0 24	23 24	0 17	12 40	4 2	1 24	1 31	10 33			n.a.
M12	0 44	16 13	3 14	11 40	2 33	10 11	2 38	14 39	0 7	3 19	1 27	14 18	1 49	24 1	0 24	23 24	0 17	12 40	4 2	1 25	1 32	10 30			n.a.
T 13	1 9	21 2	4 4	12 2	2 33	10 18	2 25	14 37	0 5	3 16	1 27	14 17	1 49	24 1	0 24	23 24	0 17	12 39	4 2	1 25	1 34	10 27			n.a.
W14	1 34	24 59	4 42	12 23	2 31	10 24	2 12	14 36	0 3	3 13	1 27	14 16	1 49	24 1	0 24	23 24	0 17	12 39	4 2	1 25	1 35	10 24			n.a.
T 15	1 58	27 47	5 7	12 41	2 29	10 28	1 59	14 34	0 1	3 9	1 27	14 15	1 49	24 1	0 24	23 24	0 17	12 39	4 2	1 26	1 36	10 20			n.a.
F 16	2 23	29 8	5 17	12 56	2 26	10 32	1 47	14 32	0n 2	3 6	1 27	14 14	1 49	24 1	0 24	23 24	0 17	12 39	4 2	1 26	1 37	10 17			n.a.
S 17	2 48	28 47	5 10	13 7	2 21	10 34	1 35	14 29	0 4	3 3	1 27	14 13	1 49	24 1	0 24	23 24	0 17	12 38	4 2	1 26	1 39	10 14			n.a.
S 18	3 12	26 41	4 45	13 15	2 16	10 36	1 24	14 26	0 6	3 0	1 27	14 12	1 49	24 1	0 24	23 24	0 17	12 38	4 2	1 26	1 40	10 10			n.a.
M19	3 37	22 52	4 2	13 20	2 9	10 37	1 12	14 24	0 9	2 57	1 27	14 10	1 49	24 1	0 24	23 24	0 17	12 38	4 2	1 26	1 41	10 7			n.a.
T 20	4 1	17 35	3 3	13 20	2 1	10 37	1 1	14 20	0 11	2 54	1 27	14 9	1 49	24 1	0 24	23 24	0 17	12 37	4 2	1 25	1 43	10 4			n.a.
W21	4 26	11 11	1 51	13 15	1 51	10 36	0 51	14 17	0 14	2 50	1 27	14 8	1 49	24 1	0 24	23 24	0 17	12 37	4 2	1 25	1 44	10 0			n.a.
T 22	4 50	4 6	0 31	13 6	1 40	10 34	0 40	14 13	0 16	2 47	1 26	14 7	1 49	24 2	0 24	23 24	0 17	12 37	4 2	1 24	1 45	9 57			n.a.
F 23	5 15	3s14	0s52	12 51	1 28	10 31	0 30	14 9	0 19	2 44	1 26	14 6	1 49	24 2	0 24	23 24	0 17	12 37	4 2	1 24	1 46	9 54			n.a.
S 24	5 39	10 20	2 11	12 31	1 13	10 27	0 20	14 5	0 21	2 41	1 26	14 4	1 49	24 2	0 24	23 24	0 17	12 36	4 2	1 25	1 48	9 50			n.a.
S 25	6 3	16 46	3 19	12 5	0 57	10 23	0 10	14 1	0 24	2 38	1 26	14 3	1 49	24 2	0 24	23 24	0 17	12 36	4 2	1 26	1 49	9 47			n.a.
M26	6 27	22 8	4 14	11 33	0 40	10 17	0 1	13 56	0 26	2 35	1 26	14 2	1 49	24 2	0 24	23 24	0 17	12 36	4 2	1 27	1 50	9 44			n.a.
T 27	6 51	26 6	4 51	10 56	0 21	10 11	0n 8	13 52	0 29	2 32	1 26	14 0	1 49	24 2	0 24	23 24	0 17	12 35	4 2	1 28	1 52	9 40			n.a.
W28	7 15	28 28	5 11	10 15	0 1	10 4	0 17	13 47	0 31	2 29	1 26	13 59	1 49	24 2	0 24	23 24	0 17	12 35	4 2	1 29	1 53	9 37			n.a.
T 29	7 39	29 10	5 14	9 30	0n19	9 57	0 25	13 42	0 34	2 25	1 25	13 58	1 49	24 2	0 24	23 24	0 17	12 35	4 2	1 30	1 54	9 34			n.a.
F 30	8 2	28 18	5 2	8 41	0 40	9 48	0 33	13 36	0 36	2 22	1 25	13 56	1 49	24 3	0 24	23 24	0 17	12 34	4 2	1 31	1 55	9 30			n.a.
S 31	8s26	26s 3	4s36	7s52	1n 0	9n39	0n41	13n31	0n39	2n19	1s25	13n55	1s49	24s 3	0s24	23n23	0s17	12n34	4s 2	1s31	1s57	9s27			n.a.

Julian Day Number = 978777.5, Delta T = 13h16m23s
Ecliptic obliquity = 23°55'49, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'13, Lahiri = -31°59'12 Julian Calendar 1 Oct. 2034 BCE == Greg. Calendar 14 Sept. 2034 BCE

The year -2033 astronomical counting style corresponds to year 2034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

NOVEMBER 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 30 33	22♎12'22	7♒16	20°R45	8♍ 3	3°R 2	8°R50	11°R36	21♐32	21°R52	14°R 8	26♓17	25♓ 9	9♓37	n.a.	S 1
M 2	1 34 29	23°13'39	19°10	19♎23	8°49	2♉38	8♈42	11♉32	21°34	21♊52	14♉ 7	26°19	25° 6	9°44	n.a.	M 2
T 3	1 38 26	24°14'56	0♓58	18° 6	9°36	2°15	8°35	11°27	21°36	21°51	14° 6	26°21	25° 2	9°51	n.a.	T 3
W 4	1 42 22	25°16'14	12°45	16°56	10°24	1°51	8°27	11°22	21°38	21°50	14° 5	26°22	24°59	9°57	n.a.	W 4
T 5	1 46 19	26°17'31	24°36	15°54	11°13	1°27	8°20	11°18	21°40	21°49	14° 4	26°R23	24°56	10° 4	n.a.	T 5
F 6	1 50 15	27°18'49	6♈33	15° 2	12° 2	1° 4	8°12	11°13	21°43	21°49	14° 3	26°23	24°53	10°11	n.a.	F 6
S 7	1 54 12	28°20'08	18°40	14°20	12°53	0°40	8° 5	11° 8	21°45	21°48	14° 1	26°21	24°50	10°17	n.a.	S 7
S 8	1 58 9	29°21'26	0♉58	13°49	13°44	0°16	7°58	11° 3	21°48	21°47	14° 0	26°17	24°47	10°24	n.a.	S 8
M 9	2 2 5	0♏22'44	13°28	13°29	14°36	29♈52	7°51	10°59	21°50	21°46	13°59	26°11	24°43	10°31	n.a.	M 9
T 10	2 6 2	1°24'03	26°10	13°D19	15°29	29°28	7°44	10°54	21°52	21°45	13°58	26° 5	24°40	10°37	n.a.	T 10
W11	2 9 58	2°25'22	9♊ 6	13°19	16°22	29° 4	7°37	10°49	21°55	21°44	13°57	25°59	24°37	10°44	n.a.	W11
T 12	2 13 55	3°26'42	22°14	13°29	17°17	28°41	7°30	10°44	21°57	21°43	13°55	25°53	24°34	10°51	n.a.	T 12
F 13	2 17 51	4°28'02	5♋35	13°46	18°12	28°18	7°24	10°39	22° 0	21°42	13°54	25°48	24°31	10°57	n.a.	F 13
S 14	2 21 48	5°29'22	19° 9	14°12	19° 7	27°55	7°18	10°34	22° 3	21°41	13°53	25°45	24°27	11° 4	n.a.	S 14
S 15	2 25 45	6°30'42	2♌55	14°44	20° 3	27°32	7°11	10°29	22° 5	21°40	13°52	25°D43	24°24	11°11	n.a.	S 15
M16	2 29 41	7°32'02	16°54	15°23	21° 0	27°10	7° 5	10°24	22° 8	21°39	13°51	25°44	24°21	11°17	n.a.	M16
T 17	2 33 38	8°33'23	1♍ 5	16° 7	21°57	26°48	6°59	10°19	22°11	21°38	13°49	25°45	24°18	11°24	n.a.	T 17
W18	2 37 34	9°34'43	15°28	16°56	22°55	26°26	6°53	10°14	22°13	21°37	13°48	25°46	24°15	11°31	n.a.	W18
T 19	2 41 31	10°36'04	29°58	17°49	23°54	26° 5	6°48	10° 9	22°16	21°36	13°47	25°R46	24°12	11°37	n.a.	T 19
F 20	2 45 27	11°37'25	14♎33	18°47	24°52	25°45	6°42	10° 4	22°19	21°34	13°46	25°45	24° 8	11°44	n.a.	F 20
S 21	2 49 24	12°38'45	29° 6	19°47	25°52	25°25	6°37	9°59	22°22	21°33	13°44	25°41	24° 5	11°50	n.a.	S 21
S 22	2 53 20	13°40'05	13♏32	20°51	26°52	25° 6	6°32	9°54	22°25	21°32	13°43	25°35	24° 2	11°57	n.a.	S 22
M23	2 57 17	14°41'25	27°43	21°58	27°52	24°47	6°27	9°49	22°28	21°31	13°42	25°27	23°59	12° 4	n.a.	M23
T 24	3 1 14	15°42'45	11♐35	23° 7	28°53	24°29	6°22	9°44	22°30	21°29	13°41	25°18	23°56	12°10	n.a.	T 24
W25	3 5 10	16°44'04	25° 4	24°18	29°54	24°12	6°17	9°39	22°33	21°28	13°39	25° 9	23°53	12°17	n.a.	W25
T 26	3 9 7	17°45'22	8♑ 9	25°31	0♎55	23°55	6°13	9°34	22°36	21°27	13°38	25° 1	23°49	12°24	n.a.	T 26
F 27	3 13 3	18°46'39	20°51	26°46	1°57	23°39	6° 8	9°29	22°39	21°25	13°37	24°55	23°46	12°30	n.a.	F 27
S 28	3 17 0	19°47'56	3♒12	28° 3	2°59	23°24	6° 4	9°24	22°42	21°24	13°36	24°51	23°43	12°37	n.a.	S 28
S 29	3 20 56	20°49'12	15°17	29°20	4° 2	23°10	6° 0	9°20	22°45	21°23	13°34	24°49	23°40	12°44	n.a.	S 29
M30	3 24 53	21♏50'26	27♒11	0♏40	5♎ 5	22♈56	5♈57	9♉15	22♐49	21♊21	13♉33	24°D49	23♓37	12♓50	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8 s49	22 s40	3 s58	7 s 2	1n19	9n29	0n49	13n25	0n41	2n17	1 s25	13n54	1 s49	24 s 3	0 s24	23n23	0 s17	12n34	4 s 2	1 s30	1 s58	9 s24		n.a.
M 2	9 12	18 23	3 11	6 14	1 38	9 18	0 57	13 19	0 44	2 14	1 25	13 52	1 49	24 3	0 24	23 23	0 17	12 33	4 2	1 30	1 59	9 20		n.a.
T 3	9 35	13 27	2 15	5 29	1 54	9 7	1 4	13 13	0 46	2 11	1 24	13 51	1 49	24 3	0 24	23 23	0 17	12 33	4 2	1 29	2 1	9 17		n.a.
W 4	9 58	8 3	1 14	4 48	2 9	8 54	1 11	13 7	0 49	2 8	1 24	13 49	1 49	24 3	0 24	23 23	0 17	12 33	4 2	1 28	2 2	9 14		n.a.
T 5	10 21	2 20	0 10	4 13	2 21	8 42	1 17	13 1	0 51	2 5	1 24	13 48	1 49	24 3	0 24	23 23	0 17	12 32	4 2	1 28	2 3	9 10		n.a.
F 6	10 44	3n30	0n55	3 43	2 32	8 28	1 24	12 55	0 54	2 2	1 24	13 46	1 49	24 3	0 24	23 23	0 17	12 32	4 2	1 28	2 4	9 7		n.a.
S 7	11 6	9 17	1 59	3 19	2 40	8 14	1 30	12 49	0 56	2 0	1 24	13 45	1 49	24 4	0 24	23 23	0 17	12 32	4 2	1 29	2 6	9 3		n.a.
S 8	11 28	14 49	2 58	3 1	2 46	7 59	1 36	12 42	0 58	1 57	1 23	13 43	1 49	24 4	0 24	23 23	0 17	12 31	4 2	1 30	2 7	9 0		n.a.
M 9	11 50	19 50	3 49	2 49	2 51	7 44	1 41	12 36	1 1	1 54	1 23	13 42	1 49	24 4	0 24	23 23	0 17	12 31	4 2	1 33	2 8	8 57		n.a.
T 10	12 12	24 3	4 30	2 43	2 53	7 28	1 47	12 29	1 3	1 52	1 23	13 40	1 49	24 4	0 24	23 23	0 17	12 31	4 2	1 35	2 10	8 53		n.a.
W11	12 34	27 10	4 57	2 42	2 54	7 12	1 52	12 23	1 5	1 49	1 23	13 39	1 49	24 4	0 24	23 23	0 17	12 30	4 2	1 38	2 11	8 50		n.a.
T 12	12 55	28 51	5 10	2 46	2 54	6 55	1 57	12 16	1 7	1 47	1 22	13 37	1 49	24 4	0 24	23 23	0 17	12 30	4 2	1 40	2 12	8 47		n.a.
F 13	13 16	28 54	5 6	2 55	2 52	6 37	2 2	12 10	1 10	1 44	1 22	13 36	1 49	24 4	0 24	23 23	0 17	12 30	4 2	1 42	2 13	8 43		n.a.
S 14	13 37	27 14	4 45	3 7	2 49	6 19	2 6	12 3	1 12	1 42	1 22	13 34	1 49	24 5	0 24	23 23	0 17	12 29	4 2	1 44	2 15	8 40		n.a.
S 15	13 58	23 55	4 8	3 23	2 46	6 0	2 10	11 57	1 14	1 40	1 22	13 33	1 49	24 5	0 24	23 23	0 17	12 29	4 2	1 44	2 16	8 37		n.a.
M16	14 18	19 11	3 15	3 42	2 41	5 41	2 14	11 51	1 16	1 38	1 21	13 31	1 49	24 5	0 24	23 23	0 17	12 29	4 2	1 44	2 17	8 33		n.a.
T 17	14 39	13 19	2 10	4 4	2 36	5 22	2 18	11 44	1 18	1 35	1 21	13 30	1 49	24 5	0 24	23 23	0 17	12 29	4 1	1 43	2 19	8 30		n.a.
W18	14 59	6 42	0 56	4 29	2 30	5 2	2 22	11 38	1 20	1 33	1 21	13 28	1 49	24 5	0 24	23 23	0 17	12 28	4 1	1 43	2 20	8 26		n.a.
T 19	15 18	0 s20	0 s23	4 55	2 24	4 41	2 25	11 32	1 22	1 31	1 21	13 27	1 48	24 5	0 24	23 22	0 17	12 28	4 1	1 43	2 21	8 23		n.a.
F 20	15 38	7 23	1 40	5 23	2 18	4 20	2 29	11 26	1 23	1 29	1 20	13 25	1 48	24 6	0 23	23 22	0 17	12 28	4 1	1 43	2 22	8 20		n.a.
S 21	15 57	14 1	2 50	5 53	2 11	3 59	2 32	11 21	1 25	1 27	1 20	13 24	1 48	24 6	0 23	23 22	0 17	12 27	4 1	1 45	2 24	8 16		n.a.
S 22	16 16	19 51	3 49	6 24	2 4	3 38	2 34	11 15	1 27	1 26	1 20	13 22	1 48	24 6	0 23	23 22	0 17	12 27	4 1	1 47	2 25	8 13		n.a.
M23	16 34	24 28	4 32	6 56	1 57	3 16	2 37	11 10	1 29	1 24	1 19	13 21	1 48	24 6	0 23	23 22	0 17	12 27	4 1	1 51	2 26	8 9		n.a.
T 24	16 53	27 33	4 58	7 29	1 49	2 53	2 40	11 4	1 30	1 22	1 19	13 19	1 48	24 6	0 23	23 22	0 17	12 26	4 1	1 54	2 28	8 6		n.a.
W25	17 11	28 57	5 7	8 2	1 42	2 31	2 42	10 59	1 32	1 21	1 19	13 18	1 48	24 6	0 23	23 22	0 17	12 26	4 1	1 58	2 29	8 3		n.a.
T 26	17 28	28 39	4 59	8 37	1 34	2 8	2 44	10 54	1 33	1 19	1 18	13 17	1 48	24 7	0 23	23 22	0 17	12 26	4 1	2 1	2 30	7 59		n.a.
F 27	17 46	26 49	4 36	9 12	1 26	1 44	2 46	10 50	1 35	1 18	1 18	13 15	1 48	24 7	0 23	23 22	0 17	12 25	4 1	2 4	2 31	7 56		n.a.
S 28	18 3	23 45	4 1	9 47	1 18	1 21	2 48	10 45	1 36	1 16	1 18	13 14	1 47	24 7	0 23	23 22	0 17	12 25	4 1	2 5	2 33	7 52		n.a.
S 29	18 20	19 42	3 16	10 22	1 10	0 57	2 49	10 41	1 38	1 15	1 18	13 12	1 47	24 7	0 23	23 22	0 17	12 25	4 1	2 6	2 34	7 49		n.a.
M30	18 s36	14 s56	2 s23	10 s58	1n 2	0n33	2n51	10n37	1n39	1n14	1 s17	13n11	1 s47	24 s 7	0 s23	23n22	0 s17	12n24	4 s 1	2 s 6	2 s35	7 s46		n.a.

Julian Day Number = 978808.5, Delta T = 13h16m21s
Ecliptic obliquity = 23°55'49, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'08, Lahiri = -31°59'08 Julian Calendar 1 Nov. 2034 BCE == Greg. Calendar 15 Oct. 2034 BCE

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ASTRODIENST EPHEMERIS for the year 2034 BCE
geocentric

DECEMBER 2034 BCE (-2033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 28 50	22♏51'40	8♓59	2♏ 0	6♎ 8	22°R43	5°R53	9°R10	22♐52	21°R20	13°R32	24♓50	23♓33	12♓57	n.a.	T 1
W 2	3 32 46	23°52'52	20°47	3°22	7°12	22♈31	5♈50	9♉ 5	22°55	21♊18	13♉31	24°R51	23°30	13° 4	n.a.	W 2
T 3	3 36 43	24°54'04	2♈39	4°44	8°16	22°20	5°47	9° 0	22°58	21°17	13°30	24°51	23°27	13°10	n.a.	T 3
F 4	3 40 39	25°55'15	14°41	6° 8	9°20	22°10	5°44	8°56	23° 1	21°15	13°28	24°49	23°24	13°17	n.a.	F 4
S 5	3 44 36	26°56'24	26°56	7°32	10°24	22° 0	5°41	8°51	23° 4	21°14	13°27	24°44	23°21	13°24	n.a.	S 5
S 6	3 48 32	27°57'33	9♉27	8°58	11°29	21°51	5°39	8°47	23° 7	21°12	13°26	24°36	23°18	13°30	n.a.	S 6
M 7	3 52 29	28°58'40	22°15	10°24	12°34	21°43	5°36	8°42	23°11	21°11	13°25	24°27	23°14	13°37	n.a.	M 7
T 8	3 56 26	29°59'47	5♊19	11°51	13°39	21°36	5°34	8°38	23°14	21° 9	13°24	24°15	23°11	13°43	n.a.	T 8
W 9	4 0 22	1♐ 0'53	18°40	13°18	14°45	21°30	5°32	8°33	23°17	21° 8	13°22	24° 3	23° 8	13°50	n.a.	W 9
T 10	4 4 19	2° 1'57	2♋13	14°47	15°51	21°24	5°30	8°29	23°20	21° 6	13°21	23°52	23° 5	13°57	n.a.	T 10
F 11	4 8 15	3° 3'01	15°57	16°16	16°57	21°20	5°29	8°24	23°24	21° 5	13°20	23°42	23° 2	14° 3	n.a.	F 11
S 12	4 12 12	4° 4'04	29°48	17°45	18° 3	21°16	5°28	8°20	23°27	21° 3	13°19	23°35	22°59	14°10	n.a.	S 12
S 13	4 16 8	5° 5'06	13♌45	19°16	19° 9	21°13	5°27	8°16	23°30	21° 2	13°18	23°31	22°55	14°17	n.a.	S 13
M14	4 20 5	6° 6'07	27°46	20°47	20°16	21°10	5°26	8°12	23°34	21° 0	13°17	23°29	22°52	14°23	n.a.	M14
T 15	4 24 2	7° 7'07	11♍50	22°19	21°23	21° 9	5°25	8° 8	23°37	20°58	13°15	23°D29	22°49	14°30	n.a.	T 15
W16	4 27 58	8° 8'06	25°57	23°51	22°30	21° 8	5°24	8° 4	23°40	20°57	13°14	23°R29	22°46	14°37	n.a.	W16
T 17	4 31 55	9° 9'04	10♎ 5	25°25	23°37	21°D 8	5°24	8° 0	23°44	20°55	13°13	23°28	22°43	14°43	n.a.	T 17
F 18	4 35 51	10°10'01	24°13	26°58	24°45	21° 8	5°D24	7°56	23°47	20°53	13°12	23°25	22°39	14°50	n.a.	F 18
S 19	4 39 48	11°10'57	8♏18	28°33	25°52	21°10	5°24	7°52	23°51	20°52	13°11	23°19	22°36	14°57	n.a.	S 19
S 20	4 43 44	12°11'52	22°17	0♐ 8	27° 0	21°12	5°24	7°49	23°54	20°50	13°10	23°10	22°33	15° 3	n.a.	S 20
M21	4 47 41	13°12'45	6♐ 6	1°44	28° 8	21°15	5°25	7°45	23°57	20°48	13° 9	22°59	22°30	15°10	n.a.	M21
T 22	4 51 37	14°13'38	19°42	3°21	29°16	21°18	5°26	7°42	24° 1	20°47	13° 8	22°46	22°27	15°17	n.a.	T 22
W23	4 55 34	15°14'28	2♑59	4°59	0♏24	21°23	5°27	7°38	24° 4	20°45	13° 7	22°32	22°24	15°23	n.a.	W23
T 24	4 59 31	16°15'17	15°58	6°37	1°33	21°28	5°28	7°35	24° 8	20°43	13° 6	22°20	22°20	15°30	n.a.	T 24
F 25	5 3 27	17°16'05	28°36	8°16	2°41	21°33	5°29	7°32	24°11	20°42	13° 5	22°10	22°17	15°37	n.a.	F 25
S 26	5 7 24	18°16'50	10♒57	9°56	3°50	21°40	5°30	7°28	24°15	20°40	13° 4	22° 3	22°14	15°43	n.a.	S 26
S 27	5 11 20	19°17'34	23° 2	11°37	4°59	21°47	5°32	7°25	24°18	20°38	13° 3	21°58	22°11	15°50	n.a.	S 27
M28	5 15 17	20°18'15	4♓57	13°18	6° 8	21°54	5°34	7°22	24°22	20°37	13° 2	21°56	22° 8	15°56	n.a.	M28
T 29	5 19 13	21°18'55	16°45	15° 0	7°17	22° 3	5°36	7°19	24°25	20°35	13° 1	21°55	22° 5	16° 3	n.a.	T 29
W30	5 23 10	22°19'33	28°33	16°43	8°26	22°12	5°39	7°17	24°28	20°33	13° 0	21°55	22° 1	16°10	n.a.	W30
T 31	5 27 7	23♐20'09	10♈26	18♐27	9♏35	22♈21	5♈41	7♉14	24♐32	20♊32	12♉59	21♓55	21♓58	16♓16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s52	9s40	1s24	11s34	0n55	0n 8	2n52	10n34	1n40	1n13	1s17	13n 9	1s47	24s 7	0s23	23n22	0s17	12n24	4s 1	2s 6	2s37	7s42		n.a.
W 2	19 8	4 4	0 22	12 10	0 47	0s16	2 53	10 30	1 41	1 12	1 17	13 8	1 47	24 8	0 23	23 21	0 17	12 24	4 1	2 5	2 38	7 39		n.a.
T 3	19 23	1n43	0n42	12 45	0 39	0 41	2 54	10 27	1 43	1 11	1 16	13 7	1 47	24 8	0 23	23 21	0 17	12 24	4 0	2 5	2 39	7 35		n.a.
F 4	19 38	7 30	1 44	13 21	0 31	1 6	2 55	10 24	1 44	1 10	1 16	13 5	1 47	24 8	0 23	23 21	0 17	12 23	4 0	2 6	2 40	7 32		n.a.
S 5	19 52	13 6	2 43	13 56	0 24	1 31	2 55	10 21	1 45	1 9	1 16	13 4	1 46	24 8	0 23	23 21	0 17	12 23	4 0	2 8	2 42	7 29		n.a.
S 6	20 7	18 19	3 34	14 31	0 16	1 57	2 56	10 19	1 46	1 8	1 15	13 3	1 46	24 8	0 23	23 21	0 17	12 23	4 0	2 11	2 43	7 25		n.a.
M 7	20 20	22 50	4 17	15 6	0 9	2 22	2 56	10 17	1 47	1 8	1 15	13 1	1 46	24 8	0 23	23 21	0 17	12 22	4 0	2 15	2 44	7 22		n.a.
T 8	20 34	26 19	4 46	15 41	0 1	2 48	2 56	10 15	1 48	1 7	1 15	13 0	1 46	24 9	0 23	23 21	0 17	12 22	4 0	2 20	2 45	7 18		n.a.
W 9	20 47	28 26	5 1	16 15	0s 6	3 13	2 56	10 13	1 49	1 7	1 14	12 59	1 46	24 9	0 23	23 21	0 17	12 22	4 0	2 24	2 47	7 15		n.a.
T 10	21 0	28 54	4 59	16 49	0 13	3 39	2 56	10 12	1 49	1 6	1 14	12 57	1 46	24 9	0 23	23 21	0 17	12 22	4 0	2 29	2 48	7 12		n.a.
F 11	21 12	27 35	4 40	17 22	0 20	4 5	2 56	10 11	1 50	1 6	1 14	12 56	1 45	24 9	0 23	23 21	0 17	12 21	4 0	2 33	2 49	7 8		n.a.
S 12	21 24	24 35	4 5	17 54	0 27	4 31	2 56	10 10	1 51	1 6	1 13	12 55	1 45	24 9	0 23	23 21	0 17	12 21	4 0	2 36	2 51	7 5		n.a.
S 13	21 35	20 8	3 14	18 26	0 34	4 57	2 55	10 9	1 52	1 5	1 13	12 54	1 45	24 9	0 23	23 20	0 17	12 21	4 0	2 37	2 52	7 1		n.a.
M14	21 46	14 33	2 12	18 58	0 40	5 23	2 55	10 9	1 52	1 5	1 13	12 53	1 45	24 10	0 23	23 20	0 17	12 21	4 0	2 38	2 53	6 58		n.a.
T 15	21 57	8 12	1 1	19 28	0 47	5 50	2 54	10 9	1 53	1 5	1 12	12 51	1 45	24 10	0 23	23 20	0 17	12 20	3 59	2 38	2 54	6 55		n.a.
W16	22 7	1 27	0s13	19 58	0 53	6 16	2 53	10 9	1 54	1 6	1 12	12 50	1 44	24 10	0 23	23 20	0 17	12 20	3 59	2 38	2 56	6 51		n.a.
T 17	22 16	5s24	1 27	20 27	0 59	6 42	2 52	10 10	1 54	1 6	1 12	12 49	1 44	24 10	0 23	23 20	0 17	12 20	3 59	2 39	2 57	6 48		n.a.
F 18	22 26	11 58	2 35	20 55	1 4	7 8	2 51	10 11	1 55	1 6	1 11	12 48	1 44	24 10	0 23	23 20	0 17	12 20	3 59	2 40	2 58	6 44		n.a.
S 19	22 35	17 55	3 33	21 23	1 10	7 34	2 50	10 12	1 55	1 6	1 11	12 47	1 44	24 10	0 23	23 20	0 17	12 19	3 59	2 42	3 0	6 41		n.a.
S 20	22 43	22 52	4 18	21 49	1 15	8 0	2 48	10 13	1 56	1 7	1 11	12 46	1 44	24 11	0 23	23 20	0 17	12 19	3 59	2 46	3 1	6 37		n.a.
M21	22 51	26 29	4 48	22 14	1 20	8 26	2 47	10 14	1 56	1 7	1 10	12 45	1 43	24 11	0 23	23 20	0 17	12 19	3 59	2 51	3 2	6 34		n.a.
T 22	22 59	28 30	5 0	22 39	1 25	8 52	2 45	10 16	1 56	1 8	1 10	12 44	1 43	24 11	0 23	23 19	0 17	12 19	3 59	2 56	3 3	6 31		n.a.
W23	23 6	28 49	4 55	23 2	1 30	9 18	2 44	10 18	1 57	1 9	1 10	12 43	1 43	24 11	0 23	23 19	0 17	12 18	3 59	3 1	3 5	6 27		n.a.
T 24	23 12	27 31	4 36	23 24	1 34	9 44	2 42	10 20	1 57	1 9	1 9	12 42	1 43	24 11	0 23	23 19	0 17	12 18	3 59	3 6	3 6	6 24		n.a.
F 25	23 18	24 49	4 2	23 45	1 38	10 9	2 40	10 23	1 58	1 10	1 9	12 42	1 43	24 11	0 23	23 19	0 17	12 18	3 58	3 10	3 7	6 20		n.a.
S 26	23 24	21 1	3 19	24 4	1 41	10 35	2 38	10 26	1 58	1 11	1 9	12 41	1 42	24 12	0 23	23 19	0 17	12 18	3 58	3 13	3 9	6 17		n.a.
S 27	23 29	16 25	2 27	24 22	1 45	11 0	2 36	10 29	1 58	1 12	1 8	12 40	1 42	24 12	0 23	23 19	0 17	12 18	3 58	3 15	3 10	6 13		n.a.
M28	23 34	11 16	1 29	24 39	1 48	11 25	2 34	10 32	1 58	1 13	1 8	12 39	1 42	24 12	0 24	23 19	0 17	12 18	3 58	3 16	3 11	6 10		n.a.
T 29	23 38	5 45	0 27	24 54	1 50	11 50	2 32	10 35	1 59	1 14	1 8	12 38	1 42	24 12	0 24	23 19	0 17	12 17	3 58	3 16	3 12	6 6		n.a.
W30	23 42	0 3	0n35	25 7	1 53	12 15	2 30	10 39	1 59	1 16	1 7	12 38	1 41	24 12	0 24	23 19	0 17	12 17	3 58	3 16	3 14	6 3		n.a.
T 31	23s45	5n41	1n36	25s19	1s55	12s39	2n27	10n43	1n59	1n17	1s 7	12n37	1s41	24s12	0s24	23n19	0s17	12n17	3s58	3s16	3s15	6s 0		n.a.

Julian Day Number = 978838.5, Delta T = 13h16m19s
Ecliptic obliquity = 23°55'49, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'04, Lahiri = -31°59'04 Julian Calendar 1 Dec. 2034 BCE == Greg. Calendar 14 Nov. 2034 BCE

The year -2033 astronomical counting style corresponds to year 2034 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

JANUARY 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 31 3	24♐20'42	22♈30	20♐12	10♏44	22♈31	5♈44	7°R11	24♐35	20°R30	12°R58	21°R52	21♓55	16♓23	n.a.	F 1
S 2	5 35 0	25°21'14	4♉49	21°58	11°54	22°42	5°47	7♉ 9	24°39	20♊28	12♉57	21♓47	21°52	16°30	n.a.	S 2
S 3	5 38 56	26°21'44	17°27	23°45	13° 3	22°53	5°50	7° 7	24°42	20°27	12°57	21°40	21°49	16°36	n.a.	S 3
M 4	5 42 53	27°22'12	0♊27	25°32	14°13	23° 5	5°53	7° 4	24°46	20°25	12°56	21°29	21°45	16°43	n.a.	M 4
T 5	5 46 49	28°22'38	13°48	27°20	15°23	23°17	5°57	7° 2	24°49	20°23	12°55	21°17	21°42	16°50	n.a.	T 5
W 6	5 50 46	29°23'02	27°30	29°10	16°32	23°30	6° 0	7° 0	24°53	20°22	12°54	21° 4	21°39	16°56	n.a.	W 6
T 7	5 54 42	0♋23'25	11♋30	1♋ 0	17°42	23°43	6° 4	6°58	24°56	20°20	12°53	20°52	21°36	17° 3	n.a.	T 7
F 8	5 58 39	1°23'45	25°41	2°51	18°52	23°57	6° 8	6°56	25° 0	20°18	12°52	20°42	21°33	17°10	n.a.	F 8
S 9	6 2 36	2°24'04	9♌59	4°42	20° 2	24°12	6°12	6°54	25° 3	20°17	12°52	20°34	21°30	17°16	n.a.	S 9
S 10	6 6 32	3°24'20	24°19	6°35	21°13	24°26	6°17	6°53	25° 7	20°15	12°51	20°29	21°26	17°23	n.a.	S 10
M11	6 10 29	4°24'35	8♍37	8°28	22°23	24°42	6°21	6°51	25°10	20°13	12°50	20°27	21°23	17°30	n.a.	M11
T 12	6 14 25	5°24'49	22°49	10°21	23°33	24°57	6°26	6°50	25°13	20°12	12°50	20°D27	21°20	17°36	n.a.	T 12
W13	6 18 22	6°25'00	6♎54	12°16	24°44	25°14	6°31	6°48	25°17	20°10	12°49	20°R27	21°17	17°43	n.a.	W13
T 14	6 22 18	7°25'10	20°53	14°10	25°54	25°30	6°36	6°47	25°20	20° 9	12°48	20°26	21°14	17°49	n.a.	T 14
F 15	6 26 15	8°25'18	4♏43	16° 5	27° 5	25°47	6°41	6°46	25°24	20° 7	12°48	20°23	21°11	17°56	n.a.	F 15
S 16	6 30 11	9°25'25	18°26	17°59	28°15	26° 5	6°47	6°45	25°27	20° 5	12°47	20°18	21° 7	18° 3	n.a.	S 16
S 17	6 34 8	10°25'29	1♐59	19°54	29°26	26°23	6°52	6°44	25°30	20° 4	12°46	20°10	21° 4	18° 9	n.a.	S 17
M18	6 38 5	11°25'32	15°22	21°48	0♐36	26°41	6°58	6°44	25°34	20° 2	12°46	20° 0	21° 1	18°16	n.a.	M18
T 19	6 42 1	12°25'33	28°33	23°41	1°47	27° 0	7° 4	6°43	25°37	20° 1	12°45	19°48	20°58	18°23	n.a.	T 19
W20	6 45 58	13°25'32	11♑31	25°33	2°58	27°19	7°10	6°42	25°41	19°59	12°45	19°36	20°55	18°29	n.a.	W20
T 21	6 49 54	14°25'29	24°13	27°23	4° 9	27°38	7°16	6°42	25°44	19°58	12°44	19°25	20°51	18°36	n.a.	T 21
F 22	6 53 51	15°25'23	6♒41	29°12	5°20	27°58	7°23	6°42	25°47	19°56	12°44	19°15	20°48	18°43	n.a.	F 22
S 23	6 57 47	16°25'16	18°55	0♒58	6°31	28°18	7°29	6°41	25°50	19°55	12°43	19° 8	20°45	18°49	n.a.	S 23
S 24	7 1 44	17°25'05	0♓57	2°41	7°42	28°39	7°36	6°D41	25°54	19°53	12°43	19° 4	20°42	18°56	n.a.	S 24
M25	7 5 40	18°24'53	12°50	4°21	8°53	29° 0	7°43	6°41	25°57	19°52	12°42	19° 2	20°39	19° 3	n.a.	M25
T 26	7 9 37	19°24'38	24°37	5°58	10° 4	29°21	7°50	6°41	26° 0	19°51	12°42	19°D 2	20°36	19° 9	n.a.	T 26
W27	7 13 33	20°24'21	6♈25	7°29	11°15	29°43	7°57	6°42	26° 4	19°49	12°42	19° 3	20°32	19°16	n.a.	W27
T 28	7 17 30	21°24'01	18°17	8°56	12°26	0♉ 5	8° 4	6°42	26° 7	19°48	12°41	19°R 4	20°29	19°23	n.a.	T 28
F 29	7 21 27	22°23'39	0♉20	10°18	13°38	0°27	8°12	6°43	26°10	19°46	12°41	19° 4	20°26	19°29	n.a.	F 29
S 30	7 25 23	23°23'14	12°39	11°33	14°49	0°49	8°19	6°43	26°13	19°45	12°41	19° 1	20°23	19°36	n.a.	S 30
S 31	7 29 20	24♑22'47	25♉17	12♒43	16♐ 0	1♉12	8♈27	6♉44	26♐16	19♊44	12♉40	18♓57	20♓20	19♓42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	11n18	2n34	25s30	1s56	13s 4	2n25	10n47	1n59	1n18	1s 7	12n36	1s41	24s13	0s24	23n18	0s17	12n17	3s58	3s17	3s16	5s56		n.a.
S 2	23 51	16 37	3 26	25 38	1 57	13 28	2 22	10 51	1 59	1 20	1 6	12 36	1 41	24 13	0 24	23 18	0 17	12 17	3 57	3 19	3 17	5 53		n.a.
S 3	23 53	21 22	4 9	25 45	1 58	13 52	2 20	10 55	2 0	1 21	1 6	12 35	1 40	24 13	0 24	23 18	0 17	12 17	3 57	3 22	3 19	5 49		n.a.
M 4	23 54	25 14	4 41	25 50	1 58	14 15	2 17	11 0	2 0	1 23	1 6	12 35	1 40	24 13	0 24	23 18	0 16	12 16	3 57	3 27	3 20	5 46		n.a.
T 5	23 55	27 51	4 58	25 52	1 58	14 38	2 14	11 5	2 0	1 25	1 5	12 34	1 40	24 13	0 24	23 18	0 16	12 16	3 57	3 31	3 21	5 42		n.a.
W 6	23 56	28 53	4 58	25 53	1 58	15 1	2 12	11 9	2 0	1 26	1 5	12 34	1 40	24 13	0 24	23 18	0 16	12 16	3 57	3 37	3 23	5 39		n.a.
T 7	23 56	28 6	4 41	25 52	1 56	15 24	2 9	11 15	2 0	1 28	1 5	12 33	1 39	24 13	0 24	23 18	0 16	12 16	3 57	3 41	3 24	5 35		n.a.
F 8	23 55	25 29	4 7	25 49	1 55	15 47	2 6	11 20	2 0	1 30	1 5	12 33	1 39	24 14	0 24	23 18	0 16	12 16	3 57	3 46	3 25	5 32		n.a.
S 9	23 54	21 15	3 17	25 43	1 52	16 9	2 3	11 25	2 0	1 32	1 4	12 33	1 39	24 14	0 24	23 18	0 16	12 16	3 57	3 49	3 26	5 29		n.a.
S 10	23 53	15 47	2 14	25 35	1 50	16 30	2 0	11 31	2 0	1 34	1 4	12 32	1 39	24 14	0 24	23 17	0 16	12 16	3 56	3 51	3 28	5 25		n.a.
M11	23 51	9 28	1 2	25 25	1 46	16 52	1 57	11 37	2 0	1 36	1 4	12 32	1 38	24 14	0 24	23 17	0 16	12 16	3 56	3 52	3 29	5 22		n.a.
T 12	23 49	2 43	0s13	25 13	1 42	17 12	1 54	11 43	2 0	1 38	1 3	12 32	1 38	24 14	0 24	23 17	0 16	12 16	3 56	3 52	3 30	5 18		n.a.
W13	23 46	4s 7	1 26	24 58	1 37	17 33	1 51	11 49	2 0	1 41	1 3	12 32	1 38	24 14	0 24	23 17	0 16	12 15	3 56	3 52	3 32	5 15		n.a.
T 14	23 43	10 41	2 34	24 41	1 32	17 53	1 48	11 55	2 0	1 43	1 3	12 31	1 38	24 14	0 24	23 17	0 16	12 15	3 56	3 52	3 33	5 11		n.a.
F 15	23 39	16 40	3 32	24 22	1 26	18 13	1 44	12 1	2 0	1 45	1 2	12 31	1 37	24 15	0 24	23 17	0 16	12 15	3 56	3 53	3 34	5 8		n.a.
S 16	23 35	21 46	4 17	24 0	1 19	18 32	1 41	12 8	2 0	1 48	1 2	12 31	1 37	24 15	0 24	23 17	0 16	12 15	3 56	3 55	3 35	5 4		n.a.
S 17	23 31	25 40	4 47	23 36	1 12	18 51	1 38	12 14	2 0	1 50	1 2	12 31	1 37	24 15	0 24	23 17	0 16	12 15	3 56	3 58	3 37	5 1		n.a.
M18	23 26	28 6	5 1	23 10	1 4	19 9	1 35	12 21	2 0	1 53	1 1	12 31	1 37	24 15	0 24	23 17	0 16	12 15	3 55	4 2	3 38	4 57		n.a.
T 19	23 20	28 54	4 59	22 42	0 55	19 27	1 31	12 28	2 0	1 56	1 1	12 31	1 36	24 15	0 24	23 17	0 16	12 15	3 55	4 7	3 39	4 54		n.a.
W20	23 14	28 5	4 41	22 13	0 45	19 45	1 28	12 35	2 0	1 58	1 1	12 31	1 36	24 15	0 24	23 16	0 16	12 15	3 55	4 12	3 40	4 51		n.a.
T 21	23 8	25 47	4 9	21 41	0 35	20 2	1 24	12 42	2 0	2 1	1 1	12 31	1 36	24 15	0 24	23 16	0 16	12 15	3 55	4 16	3 42	4 47		n.a.
F 22	23 1	22 18	3 26	21 8	0 24	20 18	1 21	12 49	2 0	2 4	1 0	12 31	1 36	24 15	0 24	23 16	0 16	12 15	3 55	4 20	3 43	4 44		n.a.
S 23	22 54	17 53	2 34	20 34	0 13	20 34	1 18	12 57	2 0	2 7	1 0	12 32	1 35	24 16	0 24	23 16	0 16	12 15	3 55	4 23	3 44	4 40		n.a.
S 24	22 46	12 50	1 35	19 58	0 0	20 49	1 14	13 4	1 59	2 10	1 0	12 32	1 35	24 16	0 24	23 16	0 16	12 15	3 55	4 25	3 46	4 37		n.a.
M25	22 38	7 23	0 33	19 22	0n12	21 4	1 11	13 12	1 59	2 13	0 59	12 32	1 35	24 16	0 24	23 16	0 16	12 15	3 54	4 25	3 47	4 33		n.a.
T 26	22 30	1 43	0n30	18 45	0 25	21 18	1 7	13 19	1 59	2 16	0 59	12 32	1 35	24 16	0 24	23 16	0 16	12 15	3 54	4 25	3 48	4 30		n.a.
W27	22 21	4n 0	1 32	18 9	0 39	21 32	1 4	13 27	1 59	2 19	0 59	12 33	1 34	24 16	0 24	23 16	0 16	12 15	3 54	4 25	3 49	4 26		n.a.
T 28	22 11	9 37	2 30	17 33	0 53	21 45	1 0	13 35	1 59	2 22	0 59	12 33	1 34	24 16	0 24	23 16	0 16	12 15	3 54	4 25	3 51	4 23		n.a.
F 29	22 2	14 59	3 23	16 57	1 7	21 58	0 57	13 43	1 59	2 25	0 58	12 34	1 34	24 16	0 24	23 16	0 16	12 15	3 54	4 25	3 52	4 19		n.a.
S 30	21 51	19 52	4 7	16 22	1 21	22 10	0 53	13 51	1 59	2 29	0 58	12 34	1 34	24 16	0 24	23 15	0 16	12 15	3 54	4 26	3 53	4 16		n.a.
S 31	21s41	24n 1	4n41	15s49	1n36	22s21	0n50	13n59	1n59	2n32	0s58	12n34	1s33	24s16	0s24	23n15	0s16	12n15	3s54	4s27	3s54	4s12		n.a.

Julian Day Number = 978869.5, Delta T = 13h16m17s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°06'00, Lahiri = -31°59'00 Julian Calendar 1 Jan. 2033 BCE == Greg. Calendar 15 Dec. 2034 BCE

The year -2032 astronomical counting style corresponds to year 2033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

FEBRUARY 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 33 16	25♉22'18	8♊20	13♒45	17♐11	1♉35	8♈35	6♉45	26♐19	19°R42	12°R40	18°R51	20♓17	19♓49	n.a.	M 1
T 2	7 37 13	26°21'46	21°48	14°41	18°23	1°59	8°43	6°46	26°23	19♊41	12♉40	18♓43	20°13	19°56	n.a.	T 2
W 3	7 41 9	27°21'12	5♋42	15°29	19°34	2°22	8°51	6°47	26°26	19°40	12°40	18°35	20°10	20° 2	n.a.	W 3
T 4	7 45 6	28°20'35	19°58	16°10	20°46	2°46	8°59	6°48	26°29	19°39	12°39	18°26	20° 7	20° 9	n.a.	T 4
F 5	7 49 2	29°19'56	4♌32	16°43	21°57	3°10	9° 8	6°49	26°32	19°37	12°39	18°19	20° 4	20°16	n.a.	F 5
S 6	7 52 59	0♒19'15	19°15	17° 8	23° 9	3°35	9°16	6°50	26°35	19°36	12°39	18°14	20° 1	20°22	n.a.	S 6
S 7	7 56 56	1°18'32	4♍ 1	17°25	24°20	3°59	9°25	6°52	26°38	19°35	12°39	18°11	19°57	20°29	n.a.	S 7
M 8	8 0 52	2°17'47	18°43	17°34	25°32	4°24	9°34	6°53	26°41	19°34	12°39	18°D10	19°54	20°36	n.a.	M 8
T 9	8 4 49	3°16'59	3♎15	17°R35	26°43	4°50	9°43	6°55	26°44	19°33	12°39	18°11	19°51	20°42	n.a.	T 9
W10	8 8 45	4°16'10	17°33	17°29	27°55	5°15	9°52	6°57	26°47	19°32	12°39	18°12	19°48	20°49	n.a.	W10
T 11	8 12 42	5°15'19	1♏36	17°15	29° 7	5°41	10° 1	6°59	26°50	19°31	12°39	18°R13	19°45	20°56	n.a.	T 11
F 12	8 16 38	6°14'26	15°23	16°55	0♑18	6° 6	10°10	7° 1	26°52	19°29	12°D39	18°13	19°42	21° 2	n.a.	F 12
S 13	8 20 35	7°13'31	28°54	16°28	1°30	6°32	10°19	7° 3	26°55	19°28	12°39	18°11	19°38	21° 9	n.a.	S 13
S 14	8 24 31	8°12'34	12♐10	15°56	2°42	6°59	10°29	7° 5	26°58	19°27	12°39	18° 7	19°35	21°15	n.a.	S 14
M15	8 28 28	9°11'35	25°13	15°19	3°54	7°25	10°39	7° 8	27° 1	19°26	12°39	18° 1	19°32	21°22	n.a.	M15
T 16	8 32 24	10°10'35	8♑ 2	14°37	5° 5	7°52	10°48	7°10	27° 4	19°26	12°39	17°55	19°29	21°29	n.a.	T 16
W17	8 36 21	11° 9'32	20°38	13°53	6°17	8°19	10°58	7°13	27° 6	19°25	12°39	17°48	19°26	21°35	n.a.	W17
T 18	8 40 18	12° 8'27	3♒ 3	13° 6	7°29	8°46	11° 8	7°15	27° 9	19°24	12°39	17°42	19°23	21°42	n.a.	T 18
F 19	8 44 14	13° 7'20	15°16	12°18	8°41	9°13	11°18	7°18	27°12	19°23	12°39	17°37	19°19	21°49	n.a.	F 19
S 20	8 48 11	14° 6'10	27°20	11°29	9°53	9°41	11°28	7°21	27°14	19°22	12°39	17°33	19°16	21°55	n.a.	S 20
S 21	8 52 7	15° 4'59	9♓15	10°41	11° 5	10° 8	11°38	7°24	27°17	19°21	12°40	17°32	19°13	22° 2	n.a.	S 21
M22	8 56 4	16° 3'45	21° 5	9°55	12°17	10°36	11°49	7°27	27°20	19°20	12°40	17°D31	19°10	22° 9	n.a.	M22
T 23	9 0 0	17° 2'28	2♈51	9°10	13°29	11° 4	11°59	7°30	27°22	19°20	12°40	17°32	19° 7	22°15	n.a.	T 23
W24	9 3 57	18° 1'10	14°39	8°29	14°41	11°33	12°10	7°33	27°25	19°19	12°40	17°34	19° 3	22°22	n.a.	W24
T 25	9 7 53	18°59'49	26°32	7°51	15°53	12° 1	12°20	7°37	27°27	19°18	12°41	17°36	19° 0	22°29	n.a.	T 25
F 26	9 11 50	19°58'26	8♉34	7°18	17° 5	12°30	12°31	7°40	27°29	19°18	12°41	17°37	18°57	22°35	n.a.	F 26
S 27	9 15 46	20°57'00	20°51	6°48	18°17	12°58	12°42	7°44	27°32	19°17	12°41	17°R38	18°54	22°42	n.a.	S 27
S 28	9 19 43	21°55'32	3♊27	6°24	19°29	13°27	12°53	7°47	27°34	19°16	12°42	17°37	18°51	22°49	n.a.	S 28
M29	9 23 40	22♒54'02	16♊26	6♒ 5	20♑41	13♉56	13♈ 4	7♉51	27♐37	19♊16	12♉42	17♓35	18♓48	22♓55	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21 s30	27n 6	5n 1	15 s17	1n50	22 s32	0n47	14n 7	1n58	2n35	0 s58	12n35	1 s33	24 s17	0 s24	23n15	0 s16	12n15	3 s53	4 s30	3 s56	4 s 9		n.a.
T 2	21 19	28 46	5 6	14 48	2 4	22 42	0 43	14 15	1 58	2 39	0 57	12 36	1 33	24 17	0 24	23 15	0 16	12 15	3 53	4 33	3 57	4 6		n.a.
W 3	21 7	28 41	4 53	14 20	2 17	22 51	0 40	14 23	1 58	2 42	0 57	12 36	1 32	24 17	0 24	23 15	0 16	12 15	3 53	4 36	3 58	4 2		n.a.
T 4	20 55	26 43	4 22	13 55	2 31	23 0	0 36	14 31	1 58	2 46	0 57	12 37	1 32	24 17	0 24	23 15	0 16	12 16	3 53	4 40	4 0	3 59		n.a.
F 5	20 42	22 58	3 33	13 34	2 43	23 8	0 33	14 40	1 58	2 50	0 57	12 37	1 32	24 17	0 24	23 15	0 16	12 16	3 53	4 43	4 1	3 55		n.a.
S 6	20 30	17 43	2 30	13 15	2 55	23 16	0 29	14 48	1 58	2 53	0 56	12 38	1 32	24 17	0 24	23 15	0 16	12 16	3 53	4 45	4 2	3 52		n.a.
S 7	20 17	11 24	1 16	12 59	3 6	23 23	0 26	14 57	1 57	2 57	0 56	12 39	1 31	24 17	0 24	23 15	0 16	12 16	3 53	4 46	4 3	3 48		n.a.
M 8	20 3	4 30	0 s 3	12 47	3 16	23 29	0 22	15 5	1 57	3 1	0 56	12 40	1 31	24 17	0 24	23 15	0 16	12 16	3 52	4 46	4 5	3 45		n.a.
T 9	19 49	2 s33	1 21	12 38	3 25	23 34	0 19	15 13	1 57	3 4	0 56	12 40	1 31	24 17	0 24	23 15	0 16	12 16	3 52	4 46	4 6	3 41		n.a.
W10	19 35	9 22	2 32	12 33	3 32	23 39	0 16	15 22	1 57	3 8	0 55	12 41	1 31	24 17	0 24	23 15	0 16	12 16	3 52	4 45	4 7	3 38		n.a.
T 11	19 21	15 36	3 33	12 31	3 39	23 43	0 12	15 31	1 57	3 12	0 55	12 42	1 30	24 18	0 24	23 15	0 16	12 16	3 52	4 45	4 8	3 34		n.a.
F 12	19 6	20 56	4 21	12 33	3 43	23 47	0 9	15 39	1 56	3 16	0 55	12 43	1 30	24 18	0 24	23 15	0 16	12 16	3 52	4 45	4 10	3 31		n.a.
S 13	18 51	25 5	4 53	12 38	3 46	23 49	0 6	15 48	1 56	3 20	0 55	12 44	1 30	24 18	0 24	23 14	0 16	12 17	3 52	4 46	4 11	3 27		n.a.
S 14	18 35	27 48	5 8	12 46	3 48	23 52	0 3	15 57	1 56	3 24	0 54	12 45	1 30	24 18	0 24	23 14	0 16	12 17	3 51	4 48	4 12	3 24		n.a.
M15	18 19	28 58	5 8	12 57	3 47	23 53	0 s 1	16 5	1 56	3 28	0 54	12 46	1 29	24 18	0 24	23 14	0 16	12 17	3 51	4 50	4 14	3 20		n.a.
T 16	18 3	28 32	4 51	13 12	3 45	23 54	0 4	16 14	1 56	3 32	0 54	12 47	1 29	24 18	0 24	23 14	0 16	12 17	3 51	4 52	4 15	3 17		n.a.
W17	17 47	26 36	4 21	13 28	3 41	23 54	0 7	16 23	1 55	3 36	0 54	12 48	1 29	24 18	0 24	23 14	0 16	12 17	3 51	4 55	4 16	3 13		n.a.
T 18	17 30	23 25	3 39	13 47	3 36	23 53	0 10	16 31	1 55	3 41	0 53	12 49	1 29	24 18	0 24	23 14	0 16	12 17	3 51	4 57	4 17	3 10		n.a.
F 19	17 13	19 14	2 47	14 8	3 28	23 51	0 13	16 40	1 55	3 45	0 53	12 50	1 28	24 18	0 24	23 14	0 16	12 18	3 51	4 59	4 19	3 6		n.a.
S 20	16 56	14 20	1 48	14 30	3 20	23 49	0 16	16 49	1 55	3 49	0 53	12 52	1 28	24 18	0 24	23 14	0 16	12 18	3 51	5 1	4 20	3 3		n.a.
S 21	16 39	8 57	0 45	14 53	3 9	23 47	0 19	16 58	1 54	3 53	0 53	12 53	1 28	24 18	0 24	23 14	0 16	12 18	3 50	5 2	4 21	2 59		n.a.
M22	16 21	3 19	0n19	15 16	2 58	23 43	0 22	17 7	1 54	3 58	0 52	12 54	1 28	24 18	0 24	23 14	0 16	12 18	3 50	5 2	4 22	2 56		n.a.
T 23	16 3	2n26	1 23	15 40	2 45	23 39	0 25	17 15	1 54	4 2	0 52	12 55	1 27	24 19	0 24	23 14	0 16	12 18	3 50	5 1	4 24	2 52		n.a.
W24	15 45	8 5	2 23	16 4	2 32	23 34	0 28	17 24	1 54	4 6	0 52	12 57	1 27	24 19	0 24	23 14	0 16	12 19	3 50	5 1	4 25	2 49		n.a.
T 25	15 26	13 30	3 18	16 28	2 17	23 28	0 31	17 33	1 53	4 11	0 52	12 58	1 27	24 19	0 24	23 14	0 16	12 19	3 50	5 0	4 26	2 45		n.a.
F 26	15 7	18 30	4 5	16 51	2 3	23 22	0 34	17 42	1 53	4 15	0 52	12 59	1 27	24 19	0 24	23 14	0 16	12 19	3 50	4 59	4 27	2 42		n.a.
S 27	14 48	22 50	4 41	17 13	1 47	23 15	0 36	17 50	1 53	4 20	0 51	13 1	1 26	24 19	0 24	23 14	0 15	12 19	3 50	4 59	4 29	2 39		n.a.
S 28	14 29	26 16	5 5	17 34	1 32	23 7	0 39	17 59	1 53	4 24	0 51	13 2	1 26	24 19	0 24	23 14	0 15	12 20	3 49	4 59	4 30	2 35		n.a.
M29	14 s10	28n26	5n15	17 s54	1n17	22 s59	0 s42	18n 8	1n52	4n29	0 s51	13n 3	1 s26	24 s19	0 s24	23n14	0 s15	12n20	3 s49	5 s 0	4 s31	2 s32		n.a.

Julian Day Number = 978900.5, Delta T = 13h16m15s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'56, Lahiri = -31°58'56 Julian Calendar 1 Feb. 2033 BCE == Greg. Calendar 15 Jan. 2033 BCE

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

MARCH 2033 BCE (-2032) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 27 36	23♒52'29	29♊52	5°R50	21♉53	14♉26	13♈15	7♉55	27♐39	19°R15	12♉43	17°R33	18♓44	23♓ 2	n.a.	T 1
W 2	9 31 33	24°50'55	13♋45	5♒41	23° 5	14°55	13°26	7°59	27°41	19♊15	12°43	17♓30	18°41	23° 8	n.a.	W 2
T 3	9 35 29	25°49'18	28° 4	5°D38	24°17	15°24	13°37	8° 3	27°43	19°14	12°43	17°27	18°38	23°15	n.a.	T 3
F 4	9 39 26	26°47'38	12♌45	5°39	25°29	15°54	13°49	8° 7	27°45	19°14	12°44	17°24	18°35	23°22	n.a.	F 4
S 5	9 43 22	27°45'57	27°43	5°46	26°41	16°24	14° 0	8°11	27°48	19°13	12°44	17°22	18°32	23°28	n.a.	S 5
S 6	9 47 19	28°44'13	12♍48	5°57	27°53	16°54	14°12	8°15	27°50	19°13	12°45	17°D21	18°29	23°35	n.a.	S 6
M 7	9 51 15	29°42'28	27°51	6°13	29° 5	17°24	14°23	8°20	27°52	19°13	12°46	17°22	18°25	23°42	n.a.	M 7
T 8	9 55 12	0♓40'41	12♎45	6°34	0♒18	17°54	14°35	8°24	27°54	19°12	12°46	17°22	18°22	23°48	n.a.	T 8
W 9	9 59 8	1°38'52	27°22	6°59	1°30	18°24	14°47	8°29	27°56	19°12	12°47	17°24	18°19	23°55	n.a.	W 9
T 10	10 3 5	2°37'01	11♏39	7°29	2°42	18°55	14°58	8°33	27°58	19°12	12°47	17°25	18°16	24° 2	n.a.	T 10
F 11	10 7 2	3°35'09	25°33	8° 3	3°54	19°25	15°10	8°38	28° 0	19°12	12°48	17°25	18°13	24° 8	n.a.	F 11
S 12	10 10 58	4°33'15	9♐ 5	8°41	5° 7	19°56	15°22	8°43	28° 1	19°11	12°49	17°R25	18° 9	24°15	n.a.	S 12
S 13	10 14 55	5°31'20	22°15	9°22	6°19	20°27	15°34	8°47	28° 3	19°11	12°49	17°25	18° 6	24°22	n.a.	S 13
M14	10 18 51	6°29'23	5♑ 6	10° 8	7°31	20°58	15°46	8°52	28° 5	19°11	12°50	17°24	18° 3	24°28	n.a.	M14
T 15	10 22 48	7°27'25	17°41	10°56	8°43	21°29	15°58	8°57	28° 7	19°11	12°51	17°23	18° 0	24°35	n.a.	T 15
W16	10 26 44	8°25'25	0♒ 2	11°48	9°56	22° 0	16°11	9° 2	28° 8	19°11	12°51	17°21	17°57	24°42	n.a.	W16
T 17	10 30 41	9°23'23	12°12	12°44	11° 8	22°31	16°23	9° 8	28°10	19°D11	12°52	17°20	17°54	24°48	n.a.	T 17
F 18	10 34 37	10°21'20	24°12	13°42	12°20	23° 3	16°35	9°13	28°12	19°11	12°53	17°19	17°50	24°55	n.a.	F 18
S 19	10 38 34	11°19'15	6♓ 6	14°43	13°33	23°34	16°48	9°18	28°13	19°11	12°54	17°19	17°47	25° 1	n.a.	S 19
S 20	10 42 30	12°17'08	17°56	15°47	14°45	24° 6	17° 0	9°24	28°15	19°11	12°55	17°D19	17°44	25° 8	n.a.	S 20
M21	10 46 27	13°15'00	29°43	16°54	15°58	24°38	17°12	9°29	28°16	19°11	12°55	17°19	17°41	25°15	n.a.	M21
T 22	10 50 24	14°12'50	11♈31	18° 4	17°10	25° 9	17°25	9°35	28°17	19°11	12°56	17°19	17°38	25°21	n.a.	T 22
W23	10 54 20	15°10'38	23°21	19°16	18°23	25°41	17°38	9°40	28°19	19°12	12°57	17°19	17°34	25°28	n.a.	W23
T 24	10 58 17	16° 8'24	5♉17	20°30	19°35	26°14	17°50	9°46	28°20	19°12	12°58	17°20	17°31	25°35	n.a.	T 24
F 25	11 2 13	17° 6'08	17°22	21°48	20°47	26°46	18° 3	9°52	28°21	19°12	12°59	17°R20	17°28	25°41	n.a.	F 25
S 26	11 6 10	18° 3'51	29°40	23° 7	22° 0	27°18	18°16	9°57	28°23	19°12	13° 0	17°20	17°25	25°48	n.a.	S 26
S 27	11 10 6	19° 1'32	12♊14	24°29	23°12	27°50	18°28	10° 3	28°24	19°13	13° 1	17°20	17°22	25°55	n.a.	S 27
M28	11 14 3	19°59'11	25°10	25°53	24°25	28°23	18°41	10° 9	28°25	19°13	13° 2	17°D20	17°19	26° 1	n.a.	M28
T 29	11 17 59	20°56'49	8♋28	27°19	25°37	28°55	18°54	10°15	28°26	19°13	13° 3	17°20	17°15	26° 8	n.a.	T 29
W30	11 21 56	21°54'24	22°13	28°48	26°50	29°28	19° 7	10°21	28°27	19°14	13° 4	17°20	17°12	26°15	n.a.	W30
T 31	11 25 53	22♓51'58	6♌24	0♓19	28♒ 2	0♊ 1	19♈20	10♉27	28♐28	19♊14	13♉ 5	17♓21	17♓ 9	26♓21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	13s50	29n 3	5n 8	18s13	1n 1	22s50	0s44	18n17	1n52	4n33	0s51	13n 5	1s26	24s19	0s24	23n14	0s15	12n20	3s49	5s 1	4s33	2s28			n.a.
W 2	13 30	27 53	4 43	18 30	0 46	22 41	0 47	18 25	1 52	4 38	0 51	13 6	1 26	24 19	0 25	23 14	0 15	12 20	3 49	5 2	4 34	2 25			n.a.
T 3	13 10	24 53	3 59	18 45	0 31	22 30	0 49	18 34	1 52	4 43	0 50	13 8	1 25	24 19	0 25	23 14	0 15	12 21	3 49	5 4	4 35	2 21			n.a.
F 4	12 50	20 11	3 0	18 59	0 16	22 19	0 51	18 43	1 51	4 47	0 50	13 10	1 25	24 19	0 25	23 14	0 15	12 21	3 49	5 5	4 36	2 18			n.a.
S 5	12 30	14 10	1 46	19 11	0 2	22 8	0 54	18 51	1 51	4 52	0 50	13 11	1 25	24 19	0 25	23 14	0 15	12 21	3 49	5 5	4 38	2 14			n.a.
S 6	12 9	7 17	0 25	19 22	0s12	21 55	0 56	19 0	1 51	4 57	0 50	13 13	1 25	24 19	0 25	23 14	0 15	12 22	3 48	5 6	4 39	2 11			n.a.
M 7	11 48	0s 0	0s58	19 31	0 25	21 43	0 58	19 8	1 51	5 2	0 50	13 14	1 24	24 19	0 25	23 14	0 15	12 22	3 48	5 6	4 40	2 7			n.a.
T 8	11 27	7 13	2 16	19 38	0 38	21 29	1 0	19 17	1 50	5 6	0 49	13 16	1 24	24 19	0 25	23 14	0 15	12 22	3 48	5 5	4 41	2 4			n.a.
W 9	11 6	13 54	3 24	19 43	0 50	21 15	1 3	19 25	1 50	5 11	0 49	13 18	1 24	24 20	0 25	23 14	0 15	12 22	3 48	5 5	4 43	2 0			n.a.
T 10	10 45	19 42	4 17	19 46	1 2	21 0	1 5	19 33	1 50	5 16	0 49	13 19	1 24	24 20	0 25	23 14	0 15	12 23	3 48	5 4	4 44	1 57			n.a.
F 11	10 24	24 17	4 54	19 48	1 13	20 45	1 7	19 42	1 50	5 21	0 49	13 21	1 24	24 20	0 25	23 14	0 15	12 23	3 48	5 4	4 45	1 53			n.a.
S 12	10 2	27 25	5 13	19 48	1 23	20 29	1 8	19 50	1 49	5 26	0 49	13 23	1 23	24 20	0 25	23 14	0 15	12 23	3 48	5 4	4 47	1 50			n.a.
S 13	9 41	28 57	5 16	19 46	1 33	20 13	1 10	19 58	1 49	5 30	0 48	13 25	1 23	24 20	0 25	23 14	0 15	12 24	3 47	5 4	4 48	1 46			n.a.
M14	9 19	28 51	5 2	19 42	1 42	19 56	1 12	20 6	1 49	5 35	0 48	13 27	1 23	24 20	0 25	23 14	0 15	12 24	3 47	5 5	4 49	1 43			n.a.
T 15	8 57	27 15	4 34	19 36	1 50	19 38	1 14	20 15	1 48	5 40	0 48	13 28	1 23	24 20	0 25	23 14	0 15	12 25	3 47	5 5	4 50	1 39			n.a.
W16	8 35	24 21	3 53	19 29	1 58	19 20	1 15	20 23	1 48	5 45	0 48	13 30	1 22	24 20	0 25	23 14	0 15	12 25	3 47	5 6	4 52	1 36			n.a.
T 17	8 13	20 24	3 3	19 20	2 5	19 1	1 17	20 31	1 48	5 50	0 48	13 32	1 22	24 20	0 25	23 14	0 15	12 25	3 47	5 6	4 53	1 32			n.a.
F 18	7 50	15 41	2 5	19 8	2 11	18 42	1 19	20 39	1 48	5 55	0 48	13 34	1 22	24 20	0 25	23 14	0 15	12 26	3 47	5 6	4 54	1 29			n.a.
S 19	7 28	10 25	1 2	18 56	2 17	18 22	1 20	20 47	1 47	6 0	0 47	13 36	1 22	24 20	0 25	23 14	0 15	12 26	3 47	5 7	4 55	1 25			n.a.
S 20	7 5	4 49	0n 3	18 41	2 22	18 2	1 21	20 54	1 47	6 5	0 47	13 38	1 22	24 20	0 25	23 14	0 15	12 26	3 46	5 7	4 57	1 22			n.a.
M21	6 43	0n56	1 8	18 24	2 26	17 41	1 23	21 2	1 47	6 10	0 47	13 40	1 21	24 20	0 25	23 14	0 15	12 27	3 46	5 7	4 58	1 18			n.a.
T 22	6 20	6 38	2 10	18 6	2 30	17 20	1 24	21 10	1 46	6 15	0 47	13 42	1 21	24 20	0 25	23 14	0 15	12 27	3 46	5 6	4 59	1 15			n.a.
W23	5 57	12 8	3 7	17 46	2 33	16 59	1 25	21 17	1 46	6 20	0 47	13 44	1 21	24 20	0 25	23 14	0 15	12 27	3 46	5 6	5 0	1 11			n.a.
T 24	5 35	17 15	3 56	17 24	2 36	16 36	1 26	21 25	1 46	6 25	0 47	13 46	1 21	24 20	0 25	23 14	0 15	12 28	3 46	5 6	5 2	1 8			n.a.
F 25	5 12	21 45	4 35	17 0	2 38	16 14	1 27	21 32	1 45	6 30	0 46	13 48	1 21	24 20	0 25	23 14	0 15	12 28	3 46	5 6	5 3	1 4			n.a.
S 26	4 49	25 25	5 3	16 35	2 39	15 51	1 28	21 40	1 45	6 35	0 46	13 50	1 20	24 20	0 25	23 14	0 15	12 29	3 46	5 6	5 4	1 1			n.a.
S 27	4 26	27 57	5 16	16 8	2 39	15 27	1 29	21 47	1 45	6 41	0 46	13 52	1 20	24 20	0 25	23 14	0 15	12 29	3 46	5 6	5 5	0 57			n.a.
M28	4 3	29 5	5 15	15 39	2 39	15 4	1 30	21 54	1 45	6 46	0 46	13 54	1 20	24 20	0 25	23 14	0 15	12 30	3 45	5 6	5 7	0 54			n.a.
T 29	3 40	28 35	4 56	15 8	2 39	14 39	1 31	22 1	1 44	6 51	0 46	13 56	1 20	24 20	0 25	23 14	0 15	12 30	3 45	5 6	5 8	0 50			n.a.
W30	3 16	26 20	4 21	14 35	2 38	14 15	1 31	22 8	1 44	6 56	0 46	13 58	1 20	24 21	0 25	23 14	0 15	12 30	3 45	5 6	5 9	0 47			n.a.
T 31	2s53	22n25	3n28	14s 1	2s36	13s50	1s32	22n15	1n44	7n 1	0s46	14n 0	1s20	24s21	0s25	23n14	0s15	12n31	3s45	5s 6	5s11	0s43			n.a.

Julian Day Number = 978929.5, Delta T = 13h16m13s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'52, Lahiri = -31°58'52 Julian Calendar 1 March 2033 BCE == Greg. Calendar 13 Feb. 2033 BCE

The year -2032 astronomical counting style corresponds to year 2033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

APRIL 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 29 49	23♓49'31	21♌ 0	1♓52	29♒15	0♊34	19♈33	10♉34	28♐29	19♊15	13♉ 6	17♓21	17♓ 6	26♓28	n.a.	F 1
S 2	11 33 46	24°47'01	5♍56	3°27	0♓27	1° 6	19°46	10°40	28°30	19°15	13° 7	17°21	17° 3	26°35	n.a.	S 2
S 3	11 37 42	25°44'30	21° 4	5° 4	1°40	1°39	19°59	10°46	28°31	19°16	13° 8	17°R22	17° 0	26°41	n.a.	S 3
M 4	11 41 39	26°41'58	6♎17	6°44	2°53	2°13	20°12	10°52	28°32	19°16	13° 9	17°21	16°56	26°48	n.a.	M 4
T 5	11 45 35	27°39'25	21°24	8°25	4° 5	2°46	20°26	10°59	28°32	19°17	13°10	17°20	16°53	26°54	n.a.	T 5
W 6	11 49 32	28°36'50	6♏17	10° 9	5°18	3°19	20°39	11° 5	28°33	19°18	13°11	17°19	16°50	27° 1	n.a.	W 6
T 7	11 53 28	29°34'15	20°49	11°55	6°30	3°52	20°52	11°12	28°34	19°18	13°12	17°18	16°47	27° 8	n.a.	T 7
F 8	11 57 25	0♈31'38	4♐55	13°44	7°43	4°26	21° 5	11°18	28°34	19°19	13°13	17°17	16°44	27°14	n.a.	F 8
S 9	12 1 22	1°29'01	18°34	15°34	8°56	4°59	21°18	11°25	28°35	19°20	13°15	17°16	16°40	27°21	n.a.	S 9
S 10	12 5 18	2°26'23	1♑47	17°26	10° 8	5°33	21°32	11°32	28°35	19°20	13°16	17°D15	16°37	27°28	n.a.	S 10
M11	12 9 15	3°23'44	14°36	19°21	11°21	6° 6	21°45	11°38	28°36	19°21	13°17	17°16	16°34	27°34	n.a.	M11
T 12	12 13 11	4°21'04	27° 5	21°18	12°34	6°40	21°59	11°45	28°36	19°22	13°18	17°16	16°31	27°41	n.a.	T 12
W13	12 17 8	5°18'23	9♒17	23°16	13°47	7°14	22°12	11°52	28°37	19°23	13°19	17°18	16°28	27°48	n.a.	W13
T 14	12 21 4	6°15'41	21°18	25°17	14°59	7°48	22°25	11°59	28°37	19°24	13°21	17°19	16°25	27°54	n.a.	T 14
F 15	12 25 1	7°12'59	3♓11	27°19	16°12	8°22	22°39	12° 6	28°37	19°25	13°22	17°21	16°21	28° 1	n.a.	F 15
S 16	12 28 57	8°10'16	14°59	29°23	17°25	8°56	22°52	12°13	28°37	19°26	13°23	17°R21	16°18	28° 8	n.a.	S 16
S 17	12 32 54	9° 7'32	26°46	1♈29	18°38	9°30	23° 6	12°20	28°38	19°26	13°24	17°21	16°15	28°14	n.a.	S 17
M18	12 36 51	10° 4'47	8♈34	3°36	19°51	10° 4	23°19	12°27	28°38	19°27	13°26	17°19	16°12	28°21	n.a.	M18
T 19	12 40 47	11° 2'01	20°25	5°45	21° 3	10°38	23°33	12°34	28°38	19°28	13°27	17°17	16° 9	28°28	n.a.	T 19
W20	12 44 44	11°59'14	2♉21	7°55	22°16	11°13	23°46	12°41	28°R38	19°30	13°28	17°13	16° 6	28°34	n.a.	W20
T 21	12 48 40	12°56'26	14°25	10° 5	23°29	11°47	24° 0	12°48	28°38	19°31	13°30	17° 9	16° 2	28°41	n.a.	T 21
F 22	12 52 37	13°53'38	26°38	12°16	24°42	12°22	24°14	12°55	28°38	19°32	13°31	17° 5	15°59	28°47	n.a.	F 22
S 23	12 56 33	14°50'49	9♊ 3	14°28	25°55	12°56	24°27	13° 2	28°38	19°33	13°32	17° 1	15°56	28°54	n.a.	S 23
S 24	13 0 30	15°47'59	21°43	16°39	27° 8	13°31	24°41	13°10	28°37	19°34	13°34	16°58	15°53	29° 1	n.a.	S 24
M25	13 4 26	16°45'08	4♋38	18°51	28°21	14° 6	24°54	13°17	28°37	19°35	13°35	16°56	15°50	29° 7	n.a.	M25
T 26	13 8 23	17°42'16	17°53	21° 2	29°34	14°40	25° 8	13°24	28°37	19°36	13°36	16°D55	15°46	29°14	n.a.	T 26
W27	13 12 20	18°39'23	1♌30	23°12	0♈47	15°15	25°22	13°32	28°37	19°38	13°38	16°56	15°43	29°21	n.a.	W27
T 28	13 16 16	19°36'29	15°29	25°21	1°59	15°50	25°35	13°39	28°36	19°39	13°39	16°57	15°40	29°27	n.a.	T 28
F 29	13 20 13	20°33'34	29°51	27°29	3°12	16°25	25°49	13°47	28°36	19°40	13°41	16°59	15°37	29°34	n.a.	F 29
S 30	13 24 9	21♈30'39	14♍33	29♈36	4♈25	17♊ 0	26♈ 3	13♉54	28♐35	19♊42	13♉42	16°R59	15♓34	29♓41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s30	17n 1	2n21	13s24	2s33	13s24	1s32	22n22	1n43	7n 6	0s45	14n 2	1s19	24s21	0s25	23n14	0s15	12n31	3s45	5s 6	5s12	0s40		n.a.
S 2	2 7	10 30	1 3	12 47	2 30	12 59	1 33	22 29	1 43	7 11	0 45	14 4	1 19	24 21	0 25	23 14	0 15	12 32	3 45	5 6	5 13	0 36		n.a.
S 3	1 44	3 18	0s21	12 7	2 27	12 33	1 33	22 35	1 43	7 17	0 45	14 7	1 19	24 21	0 25	23 14	0 15	12 32	3 45	5 6	5 14	0 33		n.a.
M 4	1 20	4s 7	1 43	11 25	2 23	12 6	1 34	22 42	1 42	7 22	0 45	14 9	1 19	24 21	0 25	23 15	0 15	12 33	3 45	5 6	5 16	0 29		n.a.
T 5	0 57	11 15	2 58	10 42	2 18	11 40	1 34	22 48	1 42	7 27	0 45	14 11	1 19	24 21	0 25	23 15	0 15	12 33	3 44	5 6	5 17	0 26		n.a.
W 6	0 34	17 39	3 59	9 57	2 13	11 13	1 34	22 55	1 42	7 32	0 45	14 13	1 18	24 21	0 25	23 15	0 15	12 33	3 44	5 6	5 18	0 22		n.a.
T 7	0 10	22 52	4 44	9 11	2 7	10 45	1 34	23 1	1 41	7 37	0 45	14 15	1 18	24 21	0 25	23 15	0 15	12 34	3 44	5 7	5 19	0 19		n.a.
F 8	0n13	26 37	5 9	8 22	2 0	10 18	1 34	23 7	1 41	7 42	0 44	14 18	1 18	24 21	0 26	23 15	0 15	12 34	3 44	5 8	5 21	0 16		n.a.
S 9	0 36	28 41	5 17	7 32	1 53	9 50	1 34	23 13	1 41	7 48	0 44	14 20	1 18	24 21	0 26	23 15	0 15	12 35	3 44	5 8	5 22	0 12		n.a.
S 10	0 59	29 2	5 7	6 41	1 46	9 22	1 34	23 19	1 41	7 53	0 44	14 22	1 18	24 21	0 26	23 15	0 15	12 35	3 44	5 8	5 23	0 9		n.a.
M11	1 23	27 46	4 42	5 48	1 38	8 53	1 34	23 25	1 40	7 58	0 44	14 24	1 18	24 21	0 26	23 15	0 15	12 36	3 44	5 8	5 24	0 5		n.a.
T 12	1 46	25 9	4 4	4 53	1 30	8 25	1 33	23 30	1 40	8 3	0 44	14 27	1 17	24 21	0 26	23 15	0 15	12 36	3 44	5 8	5 26	0 2		n.a.
W13	2 9	21 26	3 15	3 58	1 21	7 56	1 33	23 36	1 40	8 8	0 44	14 29	1 17	24 21	0 26	23 15	0 15	12 37	3 44	5 7	5 27	0n 2		n.a.
T 14	2 32	16 53	2 19	3 0	1 12	7 27	1 33	23 41	1 39	8 14	0 44	14 31	1 17	24 21	0 26	23 15	0 14	12 37	3 43	5 6	5 28	0 5		n.a.
F 15	2 55	11 45	1 17	2 2	1 2	6 58	1 32	23 47	1 39	8 19	0 44	14 34	1 17	24 21	0 26	23 15	0 14	12 38	3 43	5 6	5 29	0 9		n.a.
S 16	3 18	6 14	0 13	1 3	0 52	6 28	1 32	23 52	1 39	8 24	0 43	14 36	1 17	24 21	0 26	23 16	0 14	12 38	3 43	5 6	5 31	0 12		n.a.
S 17	3 41	0 31	0n52	0 2	0 42	5 59	1 31	23 57	1 38	8 29	0 43	14 38	1 17	24 21	0 26	23 16	0 14	12 39	3 43	5 6	5 32	0 16		n.a.
M18	4 4	5n12	1 54	0n59	0 32	5 29	1 31	24 2	1 38	8 34	0 43	14 40	1 17	24 21	0 26	23 16	0 14	12 39	3 43	5 6	5 33	0 19		n.a.
T 19	4 27	10 47	2 52	2 0	0 21	4 59	1 30	24 7	1 38	8 40	0 43	14 43	1 16	24 21	0 26	23 16	0 14	12 40	3 43	5 7	5 34	0 23		n.a.
W20	4 50	16 1	3 43	3 2	0 11	4 29	1 29	24 11	1 37	8 45	0 43	14 45	1 16	24 21	0 26	23 16	0 14	12 40	3 43	5 9	5 36	0 26		n.a.
T 21	5 13	20 41	4 24	4 4	0 0	3 59	1 28	24 16	1 37	8 50	0 43	14 47	1 16	24 21	0 26	23 16	0 14	12 41	3 43	5 10	5 37	0 30		n.a.
F 22	5 35	24 33	4 54	5 6	0n10	3 29	1 27	24 20	1 37	8 55	0 43	14 50	1 16	24 21	0 26	23 16	0 14	12 41	3 43	5 12	5 38	0 33		n.a.
S 23	5 58	27 22	5 10	6 8	0 21	2 58	1 26	24 24	1 36	9 0	0 43	14 52	1 16	24 21	0 26	23 16	0 14	12 42	3 42	5 14	5 39	0 37		n.a.
S 24	6 20	28 51	5 12	7 9	0 31	2 28	1 25	24 28	1 36	9 6	0 42	14 55	1 16	24 21	0 26	23 16	0 14	12 42	3 42	5 15	5 41	0 40		n.a.
M25	6 43	28 49	4 59	8 10	0 41	1 57	1 24	24 32	1 36	9 11	0 42	14 57	1 16	24 21	0 26	23 17	0 14	12 43	3 42	5 16	5 42	0 44		n.a.
T 26	7 5	27 9	4 29	9 9	0 51	1 27	1 23	24 36	1 35	9 16	0 42	14 59	1 15	24 21	0 26	23 17	0 14	12 43	3 42	5 16	5 43	0 47		n.a.
W27	7 27	23 52	3 43	10 7	1 0	0 56	1 22	24 40	1 35	9 21	0 42	15 2	1 15	24 21	0 26	23 17	0 14	12 44	3 42	5 16	5 45	0 51		n.a.
T 28	7 49	19 7	2 44	11 4	1 9	0 25	1 21	24 44	1 35	9 26	0 42	15 4	1 15	24 21	0 26	23 17	0 14	12 44	3 42	5 15	5 46	0 54		n.a.
F 29	8 11	13 12	1 32	11 59	1 17	0n 5	1 19	24 47	1 34	9 32	0 42	15 6	1 15	24 21	0 26	23 17	0 14	12 45	3 42	5 15	5 47	0 58		n.a.
S 30	8n33	6n24	0n13	12n52	1n25	0n36	1s18	24n50	1n34	9n37	0s42	15n 9	1s15	24s22	0s26	23n17	0s14	12n45	3s42	5s14	5s48	1n 1		n.a.

Julian Day Number = 978960.5, Delta T = 13h16m11s
Ecliptic obliquity = 23°55'49, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'48, Lahiri = -31°58'47 Julian Calendar 1 Apr. 2033 BCE == Greg. Calendar 15 March 2033 BCE

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

MAY 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 28 6	22♈27'42	29♍31	1♉41	5♈38	17♊35	26♈16	14♉ 1	28°R35	19♊43	13♉43	16°R59	15♓31	29♓47	n.a.	S 1
M 2	13 32 2	23°24'46	14♎38	3°45	6°51	18°11	26°30	14° 9	28♐34	19°44	13°45	16♓57	15°27	29°54	n.a.	M 2
T 3	13 35 59	24°21'48	29°44	5°46	8° 4	18°46	26°44	14°17	28°34	19°46	13°46	16°53	15°24	0♈ 1	n.a.	T 3
W 4	13 39 55	25°18'51	14♏40	7°46	9°18	19°21	26°57	14°24	28°33	19°47	13°48	16°48	15°21	0° 7	n.a.	W 4
T 5	13 43 52	26°15'53	29°18	9°44	10°31	19°56	27°11	14°32	28°32	19°49	13°49	16°42	15°18	0°14	n.a.	T 5
F 6	13 47 49	27°12'56	13♐32	11°39	11°44	20°32	27°25	14°39	28°32	19°50	13°50	16°36	15°15	0°21	n.a.	F 6
S 7	13 51 45	28° 9'58	27°18	13°33	12°57	21° 7	27°38	14°47	28°31	19°52	13°52	16°32	15°11	0°27	n.a.	S 7
S 8	13 55 42	29° 7'00	10♑36	15°24	14°10	21°43	27°52	14°55	28°30	19°53	13°53	16°28	15° 8	0°34	n.a.	S 8
M 9	13 59 38	0♉ 4'03	23°27	17°14	15°23	22°18	28° 6	15° 2	28°29	19°55	13°55	16°27	15° 5	0°41	n.a.	M 9
T 10	14 3 35	1° 1'05	5♒56	19° 1	16°36	22°54	28°19	15°10	28°28	19°56	13°56	16°D27	15° 2	0°47	n.a.	T 10
W11	14 7 31	1°58'08	18° 7	20°45	17°50	23°30	28°33	15°18	28°27	19°58	13°58	16°28	14°59	0°54	n.a.	W11
T 12	14 11 28	2°55'10	0♓ 5	22°28	19° 3	24° 6	28°47	15°25	28°26	20° 0	13°59	16°29	14°56	1° 1	n.a.	T 12
F 13	14 15 25	3°52'13	11°55	24° 8	20°16	24°41	29° 0	15°33	28°25	20° 1	14° 1	16°R30	14°52	1° 7	n.a.	F 13
S 14	14 19 21	4°49'16	23°42	25°47	21°29	25°17	29°14	15°41	28°24	20° 3	14° 2	16°30	14°49	1°14	n.a.	S 14
S 15	14 23 18	5°46'19	5♈29	27°22	22°43	25°53	29°28	15°49	28°23	20° 5	14° 4	16°28	14°46	1°20	n.a.	S 15
M16	14 27 14	6°43'22	17°20	28°56	23°56	26°29	29°41	15°56	28°22	20° 6	14° 5	16°24	14°43	1°27	n.a.	M16
T 17	14 31 11	7°40'26	29°18	0♊27	25° 9	27° 6	29°55	16° 4	28°21	20° 8	14° 7	16°17	14°40	1°34	n.a.	T 17
W18	14 35 7	8°37'30	11♉25	1°56	26°23	27°42	0♉ 9	16°12	28°19	20°10	14° 8	16° 9	14°37	1°40	n.a.	W18
T 19	14 39 4	9°34'34	23°41	3°23	27°36	28°18	0°22	16°20	28°18	20°11	14°10	16° 0	14°33	1°47	n.a.	T 19
F 20	14 43 1	10°31'38	6♊ 8	4°48	28°49	28°54	0°36	16°28	28°17	20°13	14°11	15°50	14°30	1°54	n.a.	F 20
S 21	14 46 57	11°28'42	18°47	6°10	0♉ 3	29°31	0°49	16°35	28°15	20°15	14°13	15°41	14°27	2° 0	n.a.	S 21
S 22	14 50 54	12°25'46	1♋38	7°29	1°16	0♋ 7	1° 3	16°43	28°14	20°17	14°14	15°33	14°24	2° 7	n.a.	S 22
M23	14 54 50	13°22'51	14°43	8°47	2°30	0°43	1°16	16°51	28°13	20°19	14°16	15°28	14°21	2°14	n.a.	M23
T 24	14 58 47	14°19'55	28° 2	10° 1	3°43	1°20	1°30	16°59	28°11	20°21	14°17	15°24	14°17	2°20	n.a.	T 24
W25	15 2 43	15°17'00	11♌36	11°13	4°57	1°57	1°43	17° 7	28°10	20°23	14°19	15°D23	14°14	2°27	n.a.	W25
T 26	15 6 40	16°14'04	25°27	12°23	6°10	2°33	1°57	17°15	28° 8	20°24	14°20	15°23	14°11	2°34	n.a.	T 26
F 27	15 10 37	17°11'09	9♍36	13°30	7°24	3°10	2°10	17°23	28° 6	20°26	14°22	15°R24	14° 8	2°40	n.a.	F 27
S 28	15 14 33	18° 8'14	24° 1	14°34	8°37	3°47	2°24	17°30	28° 5	20°28	14°23	15°24	14° 5	2°47	n.a.	S 28
S 29	15 18 30	19° 5'19	8♎39	15°35	9°51	4°23	2°37	17°38	28° 3	20°30	14°25	15°22	14° 2	2°54	n.a.	S 29
M30	15 22 26	20° 2'24	23°28	16°33	11° 4	5° 0	2°50	17°46	28° 1	20°32	14°26	15°17	13°58	3° 0	n.a.	M30
T 31	15 26 23	20♉59'30	8♏18	17♊28	12♉18	5♋37	3♉ 4	17♉54	28♐ 0	20♊34	14♉28	15♓11	13♓55	3♈ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n55	0s50	1s 8	13n44	1n32	1n 7	1s17	24n53	1n33	9n42	0s42	15n11	1s15	24s22	0s26	23n17	0s14	12n46	3s42	5s15	5s50	1n 5		n.a.
M 2	9 16	8 6	2 25	14 34	1 38	1 38	1 15	24 56	1 33	9 47	0 42	15 14	1 15	24 22	0 26	23 17	0 14	12 46	3 42	5 15	5 51	1 8		n.a.
T 3	9 38	14 54	3 32	15 21	1 44	2 8	1 14	24 59	1 33	9 52	0 41	15 16	1 15	24 22	0 26	23 18	0 14	12 47	3 42	5 17	5 52	1 12		n.a.
W 4	9 59	20 45	4 23	16 6	1 50	2 39	1 12	25 2	1 32	9 57	0 41	15 18	1 14	24 22	0 26	23 18	0 14	12 47	3 41	5 19	5 53	1 15		n.a.
T 5	10 20	25 13	4 56	16 50	1 54	3 10	1 11	25 4	1 32	10 2	0 41	15 21	1 14	24 22	0 26	23 18	0 14	12 48	3 41	5 21	5 55	1 19		n.a.
F 6	10 41	28 1	5 10	17 30	1 58	3 41	1 9	25 6	1 32	10 7	0 41	15 23	1 14	24 22	0 26	23 18	0 14	12 48	3 41	5 23	5 56	1 22		n.a.
S 7	11 2	28 59	5 5	18 9	2 1	4 11	1 7	25 9	1 31	10 13	0 41	15 25	1 14	24 22	0 26	23 18	0 14	12 49	3 41	5 25	5 57	1 26		n.a.
S 8	11 23	28 12	4 43	18 46	2 4	4 42	1 5	25 11	1 31	10 18	0 41	15 28	1 14	24 22	0 26	23 18	0 14	12 49	3 41	5 27	5 58	1 29		n.a.
M 9	11 43	25 55	4 8	19 20	2 6	5 12	1 4	25 13	1 31	10 23	0 41	15 30	1 14	24 22	0 26	23 18	0 14	12 50	3 41	5 27	6 0	1 32		n.a.
T 10	12 4	22 26	3 22	19 52	2 7	5 43	1 2	25 14	1 30	10 28	0 41	15 33	1 14	24 22	0 26	23 18	0 14	12 50	3 41	5 27	6 1	1 36		n.a.
W11	12 24	18 3	2 28	20 21	2 8	6 13	1 0	25 16	1 30	10 33	0 41	15 35	1 14	24 22	0 26	23 19	0 14	12 51	3 41	5 27	6 2	1 39		n.a.
T 12	12 44	13 2	1 28	20 49	2 7	6 43	0 58	25 17	1 29	10 38	0 41	15 37	1 14	24 22	0 26	23 19	0 14	12 51	3 41	5 26	6 3	1 43		n.a.
F 13	13 4	7 37	0 25	21 14	2 7	7 13	0 56	25 18	1 29	10 43	0 41	15 40	1 13	24 22	0 27	23 19	0 14	12 52	3 41	5 26	6 5	1 46		n.a.
S 14	13 24	1 58	0n39	21 37	2 5	7 43	0 54	25 19	1 29	10 48	0 40	15 42	1 13	24 22	0 27	23 19	0 14	12 52	3 41	5 26	6 6	1 50		n.a.
S 15	13 43	3n45	1 41	21 58	2 3	8 12	0 52	25 20	1 28	10 53	0 40	15 45	1 13	24 22	0 27	23 19	0 14	12 53	3 41	5 27	6 7	1 53		n.a.
M16	14 2	9 22	2 38	22 17	2 1	8 42	0 50	25 21	1 28	10 58	0 40	15 47	1 13	24 22	0 27	23 19	0 14	12 53	3 41	5 29	6 8	1 57		n.a.
T 17	14 21	14 42	3 29	22 34	1 57	9 11	0 48	25 21	1 28	11 3	0 40	15 49	1 13	24 22	0 27	23 19	0 14	12 54	3 41	5 31	6 10	2 0		n.a.
W18	14 40	19 32	4 12	22 49	1 53	9 40	0 46	25 22	1 27	11 8	0 40	15 52	1 13	24 22	0 27	23 20	0 14	12 54	3 40	5 34	6 11	2 4		n.a.
T 19	14 59	23 38	4 43	23 3	1 49	10 9	0 44	25 22	1 27	11 13	0 40	15 54	1 13	24 22	0 27	23 20	0 14	12 55	3 40	5 38	6 12	2 7		n.a.
F 20	15 17	26 42	5 1	23 14	1 44	10 38	0 41	25 22	1 26	11 18	0 40	15 56	1 13	24 22	0 27	23 20	0 14	12 55	3 40	5 42	6 13	2 11		n.a.
S 21	15 35	28 30	5 5	23 23	1 38	11 6	0 39	25 22	1 26	11 22	0 40	15 59	1 13	24 22	0 27	23 20	0 14	12 56	3 40	5 45	6 15	2 14		n.a.
S 22	15 53	28 49	4 53	23 31	1 32	11 35	0 37	25 22	1 26	11 27	0 40	16 1	1 13	24 22	0 27	23 20	0 14	12 56	3 40	5 48	6 16	2 18		n.a.
M23	16 11	27 31	4 27	23 37	1 25	12 3	0 35	25 21	1 25	11 32	0 40	16 3	1 12	24 22	0 27	23 20	0 14	12 57	3 40	5 51	6 17	2 21		n.a.
T 24	16 28	24 39	3 45	23 41	1 18	12 30	0 33	25 20	1 25	11 37	0 40	16 6	1 12	24 22	0 27	23 21	0 14	12 57	3 40	5 52	6 18	2 25		n.a.
W25	16 45	20 23	2 50	23 44	1 10	12 58	0 30	25 19	1 25	11 42	0 40	16 8	1 12	24 22	0 27	23 21	0 14	12 58	3 40	5 52	6 20	2 28		n.a.
T 26	17 2	14 56	1 45	23 46	1 2	13 25	0 28	25 18	1 24	11 47	0 40	16 10	1 12	24 22	0 27	23 21	0 14	12 58	3 40	5 52	6 21	2 31		n.a.
F 27	17 19	8 36	0 31	23 45	0 53	13 51	0 26	25 17	1 24	11 51	0 39	16 13	1 12	24 22	0 27	23 21	0 14	12 59	3 40	5 52	6 22	2 35		n.a.
S 28	17 35	1 44	0s46	23 44	0 43	14 18	0 23	25 16	1 23	11 56	0 39	16 15	1 12	24 22	0 27	23 21	0 14	12 59	3 40	5 52	6 23	2 38		n.a.
S 29	17 51	5s21	2 1	23 41	0 33	14 44	0 21	25 14	1 23	12 1	0 39	16 17	1 12	24 22	0 27	23 21	0 14	13 0	3 40	5 53	6 25	2 42		n.a.
M30	18 7	12 12	3 8	23 37	0 23	15 10	0 19	25 13	1 23	12 6	0 39	16 20	1 12	24 22	0 27	23 21	0 14	13 0	3 40	5 55	6 26	2 45		n.a.
T 31	18n22	18s23	4s 3	23n32	0n12	15n35	0s16	25n11	1n22	12n10	0s39	16n22	1s12	24s22	0s27	23n22	0s14	13n 1	3s40	5s57	6s27	2n49		n.a.

Julian Day Number = 978990.5, Delta T = 13h16m09s
Ecliptic obliquity = 23°55'49, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'44, Lahiri = -31°58'43 Julian Calendar 1 May 2033 BCE == Greg. Calendar 14 Apr. 2033 BCE

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

JUNE 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 30 19	21♉56'36	23♏ 3	18♊20	13♉31	6♋14	3♉17	18♉ 2	27°R58	20♊36	14♉29	15°R 2	13♓52	3♈14	n.a.	W 1
T 2	15 34 16	22°53'44	7♐35	19° 8	14°45	6°51	3°30	18°10	27♐56	20°38	14°31	14♓52	13°49	3°20	n.a.	T 2
F 3	15 38 12	23°50'51	21°46	19°53	15°59	7°28	3°43	18°17	27°54	20°40	14°32	14°42	13°46	3°27	n.a.	F 3
S 4	15 42 9	24°48'00	5♑32	20°34	17°12	8° 5	3°57	18°25	27°52	20°42	14°34	14°33	13°43	3°34	n.a.	S 4
S 5	15 46 6	25°45'10	18°51	21°12	18°26	8°43	4°10	18°33	27°51	20°44	14°35	14°26	13°39	3°40	n.a.	S 5
M 6	15 50 2	26°42'21	1♒45	21°46	19°40	9°20	4°23	18°41	27°49	20°46	14°37	14°21	13°36	3°47	n.a.	M 6
T 7	15 53 59	27°39'32	14°15	22°15	20°54	9°57	4°36	18°49	27°47	20°48	14°38	14°18	13°33	3°53	n.a.	T 7
W 8	15 57 55	28°36'45	26°27	22°40	22° 7	10°35	4°49	18°56	27°45	20°50	14°40	14°D18	13°30	4° 0	n.a.	W 8
T 9	16 1 52	29°33'59	8♓26	23° 1	23°21	11°12	5° 2	19° 4	27°43	20°53	14°41	14°R18	13°27	4° 7	n.a.	T 9
F 10	16 5 48	0♊31'14	20°16	23°17	24°35	11°49	5°15	19°12	27°41	20°55	14°43	14°18	13°23	4°13	n.a.	F 10
S 11	16 9 45	1°28'30	2♈ 3	23°29	25°49	12°27	5°28	19°20	27°39	20°57	14°44	14°16	13°20	4°20	n.a.	S 11
S 12	16 13 42	2°25'47	13°53	23°35	27° 3	13° 5	5°41	19°27	27°37	20°59	14°46	14°13	13°17	4°27	n.a.	S 12
M13	16 17 38	3°23'05	25°49	23°R37	28°17	13°42	5°54	19°35	27°34	21° 1	14°47	14° 7	13°14	4°33	n.a.	M13
T 14	16 21 35	4°20'25	7♉55	23°33	29°31	14°20	6° 7	19°43	27°32	21° 3	14°48	13°59	13°11	4°40	n.a.	T 14
W15	16 25 31	5°17'46	20°13	23°25	0♊45	14°58	6°19	19°50	27°30	21° 5	14°50	13°48	13° 8	4°47	n.a.	W15
T 16	16 29 28	6°15'08	2♊44	23°11	1°59	15°36	6°32	19°58	27°28	21° 7	14°51	13°35	13° 4	4°53	n.a.	T 16
F 17	16 33 24	7°12'31	15°29	22°52	3°13	16°13	6°45	20° 6	27°26	21°10	14°53	13°22	13° 1	5° 0	n.a.	F 17
S 18	16 37 21	8° 9'56	28°28	22°28	4°27	16°51	6°57	20°13	27°24	21°12	14°54	13°10	12°58	5° 7	n.a.	S 18
S 19	16 41 17	9° 7'21	11♋38	22° 0	5°41	17°29	7°10	20°21	27°21	21°14	14°56	13° 0	12°55	5°13	n.a.	S 19
M20	16 45 14	10° 4'48	25° 0	21°27	6°55	18° 7	7°22	20°29	27°19	21°16	14°57	12°52	12°52	5°20	n.a.	M20
T 21	16 49 11	11° 2'16	8♌32	20°50	8° 9	18°46	7°35	20°36	27°17	21°18	14°58	12°47	12°49	5°27	n.a.	T 21
W22	16 53 7	11°59'44	22°15	20° 9	9°23	19°24	7°47	20°44	27°15	21°21	15° 0	12°44	12°45	5°33	n.a.	W22
T 23	16 57 4	12°57'14	6♍ 7	19°25	10°37	20° 2	7°59	20°51	27°12	21°23	15° 1	12°43	12°42	5°40	n.a.	T 23
F 24	17 1 0	13°54'44	20° 9	18°39	11°51	20°40	8°12	20°59	27°10	21°25	15° 2	12°43	12°39	5°47	n.a.	F 24
S 25	17 4 57	14°52'15	4♎21	17°51	13° 6	21°19	8°24	21° 6	27° 8	21°27	15° 4	12°43	12°36	5°53	n.a.	S 25
S 26	17 8 53	15°49'48	18°41	17° 3	14°20	21°57	8°36	21°13	27° 5	21°29	15° 5	12°40	12°33	6° 0	n.a.	S 26
M27	17 12 50	16°47'22	3♏ 6	16°14	15°34	22°35	8°48	21°21	27° 3	21°32	15° 6	12°35	12°29	6° 7	n.a.	M27
T 28	17 16 47	17°44'57	17°33	15°27	16°48	23°14	9° 0	21°28	27° 1	21°34	15° 8	12°27	12°26	6°13	n.a.	T 28
W29	17 20 43	18°42'33	1♐55	14°42	18° 2	23°52	9°12	21°35	26°58	21°36	15° 9	12°17	12°23	6°20	n.a.	W29
T 30	17 24 40	19♊40'11	16♐ 8	13♊59	19♊17	24♋31	9♉24	21♉43	26♐56	21♊38	15♉10	12♓ 6	12♓20	6♈27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n37	23s26	4s41	23n25	0n 1	16n 0	0s14	25n 8	1n22	12n15	0s39	16n24	1s12	24s22	0s27	23n22	0s14	13n 1	3s40	6s 1	6s28	2n52		n.a.
T 2	18 52	26 57	5 0	23 18	0s11	16 25	0 12	25 6	1 21	12 20	0 39	16 27	1 12	24 22	0 27	23 22	0 14	13 2	3 40	6 5	6 30	2 56		n.a.
F 3	19 7	28 40	5 0	23 9	0 23	16 49	0 9	25 4	1 21	12 24	0 39	16 29	1 12	24 22	0 27	23 22	0 14	13 2	3 40	6 9	6 31	2 59		n.a.
S 4	19 21	28 31	4 43	23 0	0 35	17 13	0 7	25 1	1 21	12 29	0 39	16 31	1 12	24 22	0 27	23 22	0 14	13 3	3 40	6 12	6 32	3 3		n.a.
S 5	19 35	26 42	4 10	22 50	0 48	17 36	0 4	24 58	1 20	12 33	0 39	16 33	1 11	24 22	0 27	23 22	0 14	13 3	3 40	6 15	6 33	3 6		n.a.
M 6	19 49	23 31	3 26	22 39	1 1	17 59	0 2	24 55	1 20	12 38	0 39	16 36	1 11	24 22	0 27	23 23	0 13	13 4	3 39	6 17	6 35	3 10		n.a.
T 7	20 2	19 19	2 32	22 27	1 15	18 21	0n 0	24 52	1 19	12 43	0 39	16 38	1 11	24 22	0 27	23 23	0 13	13 4	3 39	6 18	6 36	3 13		n.a.
W 8	20 15	14 25	1 33	22 15	1 28	18 43	0 3	24 49	1 19	12 47	0 39	16 40	1 11	24 22	0 27	23 23	0 13	13 5	3 39	6 18	6 37	3 16		n.a.
T 9	20 28	9 3	0 31	22 3	1 42	19 5	0 5	24 45	1 19	12 52	0 39	16 42	1 11	24 22	0 27	23 23	0 13	13 5	3 39	6 18	6 38	3 20		n.a.
F 10	20 41	3 27	0n32	21 50	1 56	19 26	0 8	24 41	1 18	12 56	0 39	16 44	1 11	24 22	0 27	23 23	0 13	13 5	3 39	6 18	6 39	3 23		n.a.
S 11	20 53	2n15	1 33	21 36	2 10	19 46	0 10	24 37	1 18	13 1	0 38	16 47	1 11	24 22	0 27	23 23	0 13	13 6	3 39	6 19	6 41	3 27		n.a.
S 12	21 4	7 53	2 30	21 22	2 24	20 6	0 12	24 33	1 17	13 5	0 38	16 49	1 11	24 22	0 27	23 24	0 13	13 6	3 39	6 20	6 42	3 30		n.a.
M13	21 16	13 17	3 21	21 9	2 38	20 25	0 15	24 29	1 17	13 9	0 38	16 51	1 11	24 22	0 27	23 24	0 13	13 7	3 39	6 22	6 43	3 34		n.a.
T 14	21 27	18 16	4 4	20 55	2 51	20 44	0 17	24 24	1 16	13 14	0 38	16 53	1 11	24 22	0 27	23 24	0 13	13 7	3 39	6 26	6 44	3 37		n.a.
W15	21 37	22 35	4 36	20 41	3 5	21 2	0 19	24 20	1 16	13 18	0 38	16 55	1 11	24 22	0 27	23 24	0 13	13 8	3 39	6 30	6 46	3 41		n.a.
T 16	21 48	25 57	4 55	20 28	3 18	21 20	0 22	24 15	1 16	13 22	0 38	16 57	1 11	24 22	0 27	23 24	0 13	13 8	3 39	6 35	6 47	3 44		n.a.
F 17	21 58	28 5	5 0	20 14	3 30	21 37	0 24	24 10	1 15	13 27	0 38	17 0	1 11	24 22	0 27	23 24	0 13	13 9	3 39	6 40	6 48	3 47		n.a.
S 18	22 7	28 45	4 50	20 1	3 42	21 54	0 26	24 5	1 15	13 31	0 38	17 2	1 11	24 22	0 27	23 25	0 13	13 9	3 39	6 45	6 49	3 51		n.a.
S 19	22 16	27 47	4 24	19 49	3 53	22 9	0 28	23 59	1 14	13 35	0 38	17 4	1 11	24 21	0 27	23 25	0 13	13 9	3 39	6 49	6 51	3 54		n.a.
M20	22 25	25 14	3 44	19 37	4 2	22 25	0 31	23 54	1 14	13 39	0 38	17 6	1 11	24 21	0 27	23 25	0 13	13 10	3 39	6 52	6 52	3 58		n.a.
T 21	22 33	21 14	2 50	19 26	4 11	22 39	0 33	23 48	1 13	13 43	0 38	17 8	1 11	24 21	0 27	23 25	0 13	13 10	3 39	6 54	6 53	4 1		n.a.
W22	22 41	16 3	1 46	19 16	4 18	22 53	0 35	23 42	1 13	13 48	0 38	17 10	1 11	24 21	0 27	23 25	0 13	13 11	3 39	6 55	6 54	4 5		n.a.
T 23	22 49	9 59	0 35	19 6	4 24	23 6	0 37	23 36	1 12	13 52	0 38	17 12	1 11	24 21	0 27	23 25	0 13	13 11	3 39	6 55	6 56	4 8		n.a.
F 24	22 56	3 23	0s39	18 58	4 29	23 19	0 39	23 29	1 12	13 56	0 38	17 14	1 11	24 21	0 27	23 26	0 13	13 12	3 39	6 55	6 57	4 12		n.a.
S 25	23 3	3s28	1 52	18 52	4 31	23 31	0 41	23 23	1 12	14 0	0 38	17 16	1 11	24 21	0 27	23 26	0 13	13 12	3 39	6 55	6 58	4 15		n.a.
S 26	23 9	10 12	2 58	18 46	4 32	23 42	0 43	23 16	1 11	14 4	0 38	17 18	1 10	24 21	0 27	23 26	0 13	13 12	3 39	6 56	6 59	4 18		n.a.
M27	23 15	16 26	3 53	18 42	4 31	23 53	0 45	23 9	1 11	14 8	0 38	17 20	1 10	24 21	0 27	23 26	0 13	13 13	3 39	6 58	7 1	4 22		n.a.
T 28	23 21	21 46	4 33	18 40	4 28	24 3	0 47	23 2	1 10	14 12	0 38	17 22	1 10	24 21	0 27	23 26	0 13	13 13	3 39	7 1	7 2	4 25		n.a.
W29	23 26	25 47	4 56	18 40	4 24	24 12	0 49	22 55	1 10	14 16	0 38	17 24	1 10	24 21	0 27	23 26	0 13	13 14	3 39	7 5	7 3	4 29		n.a.
T 30	23n31	28s 9	5s 0	18n41	4s17	24n20	0n51	22n48	1n 9	14n20	0s38	17n26	1s10	24s21	0s27	23n26	0s13	13n14	3s39	7s10	7s 4	4n32		n.a.

Julian Day Number = 979021.5, Delta T = 13h16m07s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'40, Lahiri = -31°58'39 Julian Calendar 1 June 2033 BCE == Greg. Calendar 15 May 2033 BCE

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

JULY 2033 BCE (-2032) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 28 36	20♊37'50	0♉ 4	13°R21	20♊31	25♋10	9♉36	21♉50	26°R54	21♊41	15♉12	11°R54	12♓17	6♈33	n.a.	F 1
S 2	17 32 33	21°35'31	13°40	12♊47	21°45	25°48	9°48	21°57	26♐51	21°43	15°13	11♓43	12°14	6°40	n.a.	S 2
S 3	17 36 29	22°33'14	26°53	12°18	23° 0	26°27	9°59	22° 4	26°49	21°45	15°14	11°35	12°10	6°47	n.a.	S 3
M 4	17 40 26	23°30'58	9♒44	11°56	24°14	27° 6	10°11	22°11	26°46	21°47	15°15	11°29	12° 7	6°53	n.a.	M 4
T 5	17 44 22	24°28'44	22°13	11°40	25°28	27°45	10°23	22°18	26°44	21°49	15°17	11°25	12° 4	7° 0	n.a.	T 5
W 6	17 48 19	25°26'32	4♓25	11°31	26°43	28°24	10°34	22°25	26°42	21°52	15°18	11°24	12° 1	7° 7	n.a.	W 6
T 7	17 52 16	26°24'22	16°24	11°D29	27°57	29° 3	10°45	22°32	26°39	21°54	15°19	11°D24	11°58	7°13	n.a.	T 7
F 8	17 56 12	27°22'14	28°16	11°36	29°12	29°42	10°57	22°39	26°37	21°56	15°20	11°R24	11°55	7°20	n.a.	F 8
S 9	18 0 9	28°20'07	10♈ 5	11°49	0♋26	0♌21	11° 8	22°46	26°35	21°58	15°21	11°23	11°51	7°27	n.a.	S 9
S 10	18 4 5	29°18'03	21°56	12°11	1°40	1° 0	11°19	22°53	26°32	22° 1	15°23	11°21	11°48	7°33	n.a.	S 10
M11	18 8 2	0♋16'01	3♉56	12°41	2°55	1°39	11°30	23° 0	26°30	22° 3	15°24	11°16	11°45	7°40	n.a.	M11
T 12	18 11 58	1°14'00	16° 8	13°18	4° 9	2°19	11°41	23° 7	26°27	22° 5	15°25	11° 9	11°42	7°47	n.a.	T 12
W13	18 15 55	2°12'02	28°35	14° 3	5°24	2°58	11°52	23°13	26°25	22° 7	15°26	11° 0	11°39	7°53	n.a.	W13
T 14	18 19 51	3°10'06	11♊19	14°55	6°39	3°37	12° 3	23°20	26°23	22° 9	15°27	10°49	11°35	8° 0	n.a.	T 14
F 15	18 23 48	4° 8'12	24°21	15°55	7°53	4°17	12°14	23°27	26°20	22°12	15°28	10°38	11°32	8° 7	n.a.	F 15
S 16	18 27 45	5° 6'20	7♋40	17° 1	9° 8	4°56	12°24	23°33	26°18	22°14	15°29	10°27	11°29	8°13	n.a.	S 16
S 17	18 31 41	6° 4'29	21°14	18°13	10°22	5°36	12°35	23°40	26°16	22°16	15°30	10°17	11°26	8°20	n.a.	S 17
M18	18 35 38	7° 2'41	5♌ 0	19°32	11°37	6°16	12°45	23°46	26°13	22°18	15°31	10°10	11°23	8°27	n.a.	M18
T 19	18 39 34	8° 0'54	18°55	20°56	12°52	6°55	12°56	23°53	26°11	22°20	15°32	10° 6	11°20	8°33	n.a.	T 19
W20	18 43 31	8°59'09	2♍56	22°25	14° 6	7°35	13° 6	23°59	26° 9	22°22	15°33	10° 4	11°16	8°40	n.a.	W20
T 21	18 47 27	9°57'25	17° 1	23°59	15°21	8°15	13°16	24° 5	26° 6	22°25	15°34	10°D 4	11°13	8°47	n.a.	T 21
F 22	18 51 24	10°55'43	1♎ 8	25°36	16°36	8°55	13°26	24°11	26° 4	22°27	15°35	10° 5	11°10	8°53	n.a.	F 22
S 23	18 55 20	11°54'03	15°16	27°18	17°50	9°35	13°36	24°18	26° 2	22°29	15°36	10°R 5	11° 7	9° 0	n.a.	S 23
S 24	18 59 17	12°52'25	29°25	29° 2	19° 5	10°15	13°46	24°24	25°59	22°31	15°37	10° 4	11° 4	9° 7	n.a.	S 24
M25	19 3 14	13°50'48	13♏31	0♋49	20°20	10°55	13°55	24°30	25°57	22°33	15°38	10° 1	11° 1	9°13	n.a.	M25
T 26	19 7 10	14°49'13	27°34	2°38	21°34	11°35	14° 5	24°36	25°55	22°35	15°39	9°55	10°57	9°20	n.a.	T 26
W27	19 11 7	15°47'40	11♐30	4°29	22°49	12°15	14°15	24°42	25°53	22°37	15°40	9°48	10°54	9°27	n.a.	W27
T 28	19 15 3	16°46'09	25°16	6°21	24° 4	12°55	14°24	24°47	25°51	22°39	15°40	9°39	10°51	9°33	n.a.	T 28
F 29	19 19 0	17°44'40	8♑48	8°13	25°19	13°35	14°33	24°53	25°48	22°41	15°41	9°30	10°48	9°40	n.a.	F 29
S 30	19 22 56	18°43'13	22° 5	10° 7	26°33	14°16	14°42	24°59	25°46	22°43	15°42	9°22	10°45	9°47	n.a.	S 30
S 31	19 26 53	19♋41'48	5♒ 4	12♋ 0	27♋48	14♌56	14♉51	25♉ 5	25♐44	22♊46	15♉43	9♓15	10♓41	9♈53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n35	28s42	4s46	18n45	4s 9	24n28	0n53	22n40	1n 9	14n23	0s38	17n28	1s10	24s21	0s27	23n27	0s13	13n14	3s39	7s14	7s 6	4n36		n.a.
S 2	23 39	27 27	4 16	18 50	4 0	24 35	0 55	22 32	1 8	14 27	0 38	17 30	1 10	24 21	0 27	23 27	0 13	13 15	3 39	7 18	7 7	4 39		n.a.
S 3	23 43	24 41	3 33	18 57	3 49	24 41	0 56	22 24	1 8	14 31	0 37	17 32	1 10	24 21	0 27	23 27	0 13	13 15	3 39	7 22	7 8	4 42		n.a.
M 4	23 46	20 44	2 39	19 7	3 36	24 46	0 58	22 16	1 8	14 35	0 37	17 34	1 10	24 21	0 28	23 27	0 13	13 15	3 39	7 24	7 9	4 46		n.a.
T 5	23 49	15 57	1 40	19 18	3 23	24 51	1 0	22 8	1 7	14 39	0 37	17 35	1 10	24 21	0 28	23 27	0 13	13 16	3 39	7 25	7 10	4 49		n.a.
W 6	23 51	10 39	0 37	19 31	3 9	24 55	1 2	21 59	1 7	14 42	0 37	17 37	1 10	24 21	0 28	23 27	0 13	13 16	3 39	7 26	7 12	4 53		n.a.
T 7	23 53	5 4	0n27	19 46	2 53	24 58	1 3	21 51	1 6	14 46	0 37	17 39	1 10	24 21	0 28	23 28	0 13	13 17	3 39	7 26	7 13	4 56		n.a.
F 8	23 54	0n38	1 28	20 2	2 38	25 0	1 5	21 42	1 6	14 50	0 37	17 41	1 10	24 21	0 28	23 28	0 13	13 17	3 39	7 26	7 14	5 0		n.a.
S 9	23 55	6 18	2 26	20 20	2 22	25 2	1 6	21 33	1 5	14 53	0 37	17 43	1 10	24 21	0 28	23 28	0 13	13 17	3 39	7 26	7 15	5 3		n.a.
S 10	23 56	11 46	3 18	20 39	2 5	25 3	1 8	21 24	1 5	14 57	0 37	17 44	1 10	24 21	0 28	23 28	0 13	13 18	3 39	7 27	7 17	5 6		n.a.
M11	23 56	16 51	4 1	20 59	1 49	25 3	1 9	21 14	1 4	15 0	0 37	17 46	1 10	24 20	0 28	23 28	0 13	13 18	3 39	7 29	7 18	5 10		n.a.
T 12	23 55	21 22	4 35	21 20	1 32	25 2	1 10	21 5	1 4	15 4	0 37	17 48	1 10	24 20	0 28	23 28	0 13	13 18	3 39	7 32	7 19	5 13		n.a.
W13	23 55	25 3	4 55	21 42	1 16	25 1	1 12	20 55	1 3	15 7	0 37	17 50	1 10	24 20	0 28	23 28	0 13	13 19	3 39	7 35	7 20	5 17		n.a.
T 14	23 53	27 35	5 2	22 4	0 59	24 58	1 13	20 45	1 3	15 11	0 37	17 51	1 10	24 20	0 28	23 29	0 13	13 19	3 39	7 40	7 22	5 20		n.a.
F 15	23 52	28 42	4 54	22 27	0 44	24 55	1 14	20 35	1 2	15 14	0 37	17 53	1 10	24 20	0 28	23 29	0 13	13 19	3 39	7 44	7 23	5 23		n.a.
S 16	23 50	28 11	4 30	22 49	0 28	24 52	1 15	20 25	1 2	15 17	0 37	17 55	1 10	24 20	0 28	23 29	0 13	13 19	3 39	7 48	7 24	5 27		n.a.
S 17	23 47	25 59	3 49	23 10	0 14	24 47	1 16	20 15	1 1	15 21	0 37	17 56	1 10	24 20	0 28	23 29	0 13	13 20	3 39	7 52	7 25	5 30		n.a.
M18	23 44	22 14	2 56	23 31	0n 0	24 42	1 17	20 4	1 1	15 24	0 37	17 58	1 10	24 20	0 28	23 29	0 13	13 20	3 39	7 54	7 26	5 34		n.a.
T 19	23 41	17 12	1 50	23 50	0 13	24 36	1 18	19 54	1 0	15 27	0 37	18 0	1 10	24 20	0 28	23 29	0 13	13 20	3 39	7 56	7 28	5 37		n.a.
W20	23 37	11 14	0 38	24 8	0 26	24 29	1 19	19 43	1 0	15 30	0 37	18 1	1 10	24 20	0 28	23 29	0 13	13 21	3 39	7 57	7 29	5 41		n.a.
T 21	23 33	4 40	0s37	24 25	0 38	24 21	1 20	19 32	0 59	15 33	0 37	18 3	1 10	24 20	0 28	23 30	0 13	13 21	3 39	7 57	7 30	5 44		n.a.
F 22	23 28	2s 8	1 50	24 40	0 48	24 13	1 21	19 21	0 59	15 36	0 37	18 4	1 10	24 20	0 28	23 30	0 13	13 21	3 39	7 57	7 31	5 47		n.a.
S 23	23 23	8 50	2 57	24 52	0 58	24 4	1 22	19 9	0 58	15 39	0 37	18 6	1 10	24 20	0 28	23 30	0 13	13 21	3 39	7 56	7 33	5 51		n.a.
S 24	23 17	15 6	3 52	25 3	1 7	23 54	1 22	18 58	0 58	15 42	0 37	18 7	1 10	24 20	0 28	23 30	0 13	13 22	3 39	7 57	7 34	5 54		n.a.
M25	23 12	20 34	4 34	25 11	1 15	23 43	1 23	18 46	0 57	15 45	0 37	18 9	1 10	24 20	0 28	23 30	0 13	13 22	3 39	7 58	7 35	5 57		n.a.
T 26	23 5	24 51	4 59	25 17	1 22	23 32	1 23	18 34	0 57	15 48	0 37	18 10	1 10	24 20	0 28	23 30	0 13	13 22	3 39	8 0	7 36	6 1		n.a.
W27	22 58	27 40	5 6	25 20	1 29	23 20	1 24	18 22	0 56	15 51	0 37	18 12	1 10	24 19	0 28	23 30	0 13	13 22	3 39	8 3	7 38	6 4		n.a.
T 28	22 51	28 45	4 55	25 20	1 34	23 7	1 24	18 10	0 56	15 54	0 37	18 13	1 10	24 19	0 28	23 30	0 13	13 23	3 39	8 7	7 39	6 8		n.a.
F 29	22 43	28 4	4 27	25 18	1 38	22 54	1 25	17 58	0 55	15 57	0 37	18 15	1 10	24 19	0 28	23 31	0 13	13 23	3 39	8 10	7 40	6 11		n.a.
S 30	22 35	25 47	3 46	25 14	1 42	22 40	1 25	17 46	0 55	16 0	0 37	18 16	1 10	24 19	0 28	23 31	0 13	13 23	3 39	8 13	7 41	6 14		n.a.
S 31	22n27	22s11	2s53	25n 7	1n45	22n25	1n25	17n33	0n54	16n 2	0s37	18n17	1s10	24s19	0s28	23n31	0s13	13n23	3s39	8s16	7s42	6n18		n.a.

Julian Day Number = 979051.5, Delta T = 13h16m05s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'36, Lahiri = -31°58'35 Julian Calendar 1 July 2033 BCE == Greg. Calendar 14 June 2033 BCE

The year -2032 astronomical counting style corresponds to year 2033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

AUGUST 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 30 49	20♋40'25	17♒45	13♋54	29♋ 3	15♌36	15♉ 0	25♉10	25°R42	22♊48	15♉44	9°R11	10♓38	10♈ 0	n.a.	M 1
T 2	19 34 46	21°39'05	0♓ 9	15°48	0♌18	16°17	15° 9	25°16	25♐40	22°50	15°44	9♓ 9	10°35	10° 7	n.a.	T 2
W 3	19 38 42	22°37'46	12°18	17°41	1°33	16°57	15°18	25°21	25°38	22°52	15°45	9°D 8	10°32	10°13	n.a.	W 3
T 4	19 42 39	23°36'30	24°16	19°34	2°47	17°38	15°27	25°26	25°36	22°54	15°46	9° 9	10°29	10°20	n.a.	T 4
F 5	19 46 36	24°35'17	6♈ 7	21°26	4° 2	18°19	15°35	25°32	25°34	22°55	15°46	9°11	10°26	10°26	n.a.	F 5
S 6	19 50 32	25°34'05	17°56	23°18	5°17	18°59	15°43	25°37	25°32	22°57	15°47	9°12	10°22	10°33	n.a.	S 6
S 7	19 54 29	26°32'57	29°49	25° 9	6°32	19°40	15°51	25°42	25°30	22°59	15°48	9°R12	10°19	10°40	n.a.	S 7
M 8	19 58 25	27°31'50	11♉49	26°59	7°47	20°21	16° 0	25°47	25°28	23° 1	15°48	9°11	10°16	10°46	n.a.	M 8
T 9	20 2 22	28°30'47	24° 2	28°49	9° 2	21° 2	16° 7	25°52	25°26	23° 3	15°49	9° 8	10°13	10°53	n.a.	T 9
W10	20 6 18	29°29'45	6♊33	0♌37	10°17	21°43	16°15	25°57	25°24	23° 5	15°49	9° 3	10°10	11° 0	n.a.	W10
T 11	20 10 15	0♌28'47	19°24	2°25	11°31	22°24	16°23	26° 2	25°22	23° 7	15°50	8°58	10° 6	11° 6	n.a.	T 11
F 12	20 14 11	1°27'50	2♋36	4°11	12°46	23° 5	16°30	26° 7	25°21	23° 9	15°51	8°51	10° 3	11°13	n.a.	F 12
S 13	20 18 8	2°26'56	16°11	5°57	14° 1	23°46	16°38	26°11	25°19	23°11	15°51	8°45	10° 0	11°20	n.a.	S 13
S 14	20 22 5	3°26'04	0♌ 5	7°42	15°16	24°27	16°45	26°16	25°17	23°12	15°52	8°40	9°57	11°27	n.a.	S 14
M15	20 26 1	4°25'15	14°15	9°26	16°31	25° 8	16°52	26°20	25°15	23°14	15°52	8°36	9°54	11°33	n.a.	M15
T 16	20 29 58	5°24'27	28°36	11° 9	17°46	25°50	16°59	26°25	25°14	23°16	15°52	8°34	9°51	11°40	n.a.	T 16
W17	20 33 54	6°23'42	13♍ 4	12°51	19° 1	26°31	17° 6	26°29	25°12	23°18	15°53	8°D34	9°47	11°47	n.a.	W17
T 18	20 37 51	7°22'59	27°31	14°33	20°16	27°12	17°12	26°33	25°10	23°19	15°53	8°35	9°44	11°53	n.a.	T 18
F 19	20 41 47	8°22'17	11♎56	16°13	21°31	27°54	17°19	26°37	25° 9	23°21	15°54	8°36	9°41	12° 0	n.a.	F 19
S 20	20 45 44	9°21'38	26°13	17°53	22°46	28°35	17°25	26°41	25° 7	23°23	15°54	8°38	9°38	12° 7	n.a.	S 20
S 21	20 49 40	10°21'00	10♏22	19°32	24° 0	29°17	17°31	26°45	25° 6	23°24	15°54	8°R38	9°35	12°13	n.a.	S 21
M22	20 53 37	11°20'25	24°19	21° 9	25°15	29°59	17°37	26°49	25° 5	23°26	15°55	8°38	9°32	12°20	n.a.	M22
T 23	20 57 33	12°19'51	8♐ 5	22°47	26°30	0♏40	17°43	26°53	25° 3	23°28	15°55	8°36	9°28	12°27	n.a.	T 23
W24	21 1 30	13°19'19	21°39	24°23	27°45	1°22	17°49	26°56	25° 2	23°29	15°55	8°33	9°25	12°33	n.a.	W24
T 25	21 5 27	14°18'50	4♑59	25°59	29° 0	2° 4	17°55	27° 0	25° 0	23°31	15°55	8°29	9°22	12°40	n.a.	T 25
F 26	21 9 23	15°18'22	18° 6	27°34	0♏15	2°46	18° 0	27° 3	24°59	23°32	15°55	8°25	9°19	12°47	n.a.	F 26
S 27	21 13 20	16°17'57	1♒ 0	29° 8	1°30	3°28	18° 5	27° 7	24°58	23°34	15°56	8°22	9°16	12°53	n.a.	S 27
S 28	21 17 16	17°17'33	13°40	0♏41	2°45	4°10	18°10	27°10	24°57	23°35	15°56	8°19	9°12	13° 0	n.a.	S 28
M29	21 21 13	18°17'12	26° 6	2°14	4° 0	4°52	18°15	27°13	24°56	23°37	15°56	8°18	9° 9	13° 7	n.a.	M29
T 30	21 25 9	19°16'53	8♓20	3°46	5°15	5°34	18°20	27°16	24°55	23°38	15°56	8°D17	9° 6	13°13	n.a.	T 30
W31	21 29 6	20♌16'36	20♓23	5♍17	6♍29	6♍16	18♉24	27♉19	24♐53	23♊40	15♉56	8♓18	9♓ 3	13♈20	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	22n18	17s37	1s53	24n58	1n47	22n 9	1n25	17n20	0n54	16n 5	0s37	18n19	1s10	24s19	0s28	23n31	0s13	13n23	3s39	8s17	7s44	6n21			n.a.
T 2	22 9	12 24	0 48	24 46	1 49	21 53	1 25	17 7	0 53	16 8	0 37	18 20	1 10	24 19	0 28	23 31	0 13	13 24	3 39	8 18	7 45	6 25			n.a.
W 3	21 59	6 49	0n17	24 32	1 49	21 37	1 25	16 54	0 53	16 10	0 37	18 21	1 10	24 19	0 28	23 31	0 13	13 24	3 39	8 18	7 46	6 28			n.a.
T 4	21 49	1 5	1 21	24 16	1 49	21 19	1 25	16 41	0 52	16 13	0 37	18 23	1 10	24 19	0 28	23 31	0 13	13 24	3 39	8 18	7 47	6 31			n.a.
F 5	21 39	4n38	2 21	23 58	1 49	21 1	1 25	16 28	0 52	16 15	0 37	18 24	1 10	24 19	0 28	23 31	0 13	13 24	3 39	8 17	7 49	6 35			n.a.
S 6	21 28	10 10	3 15	23 39	1 48	20 42	1 25	16 15	0 51	16 18	0 37	18 25	1 10	24 19	0 28	23 32	0 13	13 24	3 39	8 17	7 50	6 38			n.a.
S 7	21 16	15 22	4 0	23 17	1 46	20 23	1 25	16 1	0 51	16 20	0 37	18 26	1 10	24 19	0 28	23 32	0 13	13 24	3 39	8 17	7 51	6 41			n.a.
M 8	21 5	20 3	4 36	22 54	1 44	20 3	1 24	15 47	0 50	16 23	0 37	18 28	1 10	24 19	0 28	23 32	0 13	13 25	3 39	8 17	7 52	6 45			n.a.
T 9	20 53	24 0	5 0	22 29	1 42	19 43	1 24	15 33	0 49	16 25	0 37	18 29	1 10	24 18	0 28	23 32	0 13	13 25	3 39	8 18	7 54	6 48			n.a.
W10	20 40	26 56	5 10	22 2	1 39	19 22	1 24	15 20	0 49	16 27	0 37	18 30	1 10	24 18	0 28	23 32	0 13	13 25	3 39	8 20	7 55	6 52			n.a.
T 11	20 28	28 34	5 5	21 34	1 35	19 0	1 23	15 5	0 48	16 30	0 37	18 31	1 10	24 18	0 28	23 32	0 13	13 25	3 40	8 22	7 56	6 55			n.a.
F 12	20 14	28 39	4 44	21 5	1 32	18 38	1 23	14 51	0 48	16 32	0 36	18 32	1 10	24 18	0 28	23 32	0 13	13 25	3 40	8 25	7 57	6 58			n.a.
S 13	20 1	27 1	4 7	20 35	1 28	18 16	1 22	14 37	0 47	16 34	0 36	18 33	1 11	24 18	0 28	23 32	0 13	13 25	3 40	8 27	7 58	7 2			n.a.
S 14	19 47	23 43	3 14	20 4	1 23	17 53	1 21	14 22	0 47	16 36	0 36	18 34	1 11	24 18	0 28	23 32	0 13	13 25	3 40	8 29	8 0	7 5			n.a.
M15	19 33	18 57	2 9	19 31	1 19	17 29	1 20	14 8	0 46	16 38	0 36	18 35	1 11	24 18	0 28	23 33	0 13	13 25	3 40	8 31	8 1	7 8			n.a.
T 16	19 18	13 3	0 54	18 58	1 14	17 5	1 20	13 53	0 46	16 40	0 36	18 36	1 11	24 18	0 28	23 33	0 13	13 26	3 40	8 31	8 2	7 12			n.a.
W17	19 3	6 25	0s25	18 24	1 9	16 40	1 19	13 38	0 45	16 42	0 36	18 37	1 11	24 18	0 28	23 33	0 13	13 26	3 40	8 31	8 3	7 15			n.a.
T 18	18 48	0s33	1 42	17 49	1 3	16 15	1 18	13 23	0 44	16 44	0 36	18 38	1 11	24 18	0 27	23 33	0 13	13 26	3 40	8 31	8 5	7 18			n.a.
F 19	18 33	7 27	2 53	17 13	0 58	15 50	1 17	13 8	0 44	16 46	0 36	18 39	1 11	24 18	0 27	23 33	0 13	13 26	3 40	8 31	8 6	7 22			n.a.
S 20	18 17	13 55	3 52	16 36	0 52	15 24	1 16	12 53	0 43	16 48	0 36	18 40	1 11	24 18	0 27	23 33	0 13	13 26	3 40	8 30	8 7	7 25			n.a.
S 21	18 0	19 35	4 37	15 59	0 46	14 58	1 15	12 37	0 43	16 50	0 36	18 41	1 11	24 18	0 27	23 33	0 13	13 26	3 40	8 30	8 8	7 28			n.a.
M22	17 44	24 8	5 4	15 22	0 40	14 31	1 13	12 22	0 42	16 51	0 36	18 42	1 11	24 18	0 27	23 33	0 13	13 26	3 40	8 30	8 9	7 32			n.a.
T 23	17 27	27 16	5 14	14 44	0 33	14 4	1 12	12 6	0 42	16 53	0 36	18 43	1 11	24 18	0 27	23 33	0 13	13 26	3 40	8 31	8 11	7 35			n.a.
W24	17 10	28 45	5 6	14 5	0 27	13 36	1 11	11 51	0 41	16 55	0 36	18 44	1 11	24 17	0 27	23 33	0 13	13 26	3 40	8 32	8 12	7 39			n.a.
T 25	16 52	28 31	4 41	13 26	0 21	13 8	1 9	11 35	0 41	16 56	0 36	18 44	1 11	24 17	0 27	23 33	0 13	13 26	3 40	8 33	8 13	7 42			n.a.
F 26	16 34	26 40	4 2	12 47	0 14	12 40	1 8	11 19	0 40	16 58	0 36	18 45	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 35	8 14	7 45			n.a.
S 27	16 16	23 27	3 11	12 7	0 7	12 12	1 7	11 3	0 39	16 59	0 36	18 46	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 36	8 15	7 49			n.a.
S 28	15 58	19 10	2 12	11 28	0 0	11 43	1 5	10 47	0 39	17 1	0 36	18 47	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 37	8 17	7 52			n.a.
M29	15 39	14 7	1 7	10 48	0s 6	11 14	1 3	10 31	0 38	17 2	0 36	18 47	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 38	8 18	7 55			n.a.
T 30	15 21	8 37	0n 0	10 7	0 13	10 44	1 2	10 14	0 38	17 3	0 36	18 48	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 38	8 19	7 59			n.a.
W31	15n 1	2s52	1n 6	9n27	0s20	10n14	1n 0	9n58	0n37	17n 5	0s36	18n49	1s11	24s17	0s27	23n34	0s13	13n26	3s40	8s38	8s20	8n 2			n.a.

Julian Day Number = 979082.5, Delta T = 13h16m03s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'31, Lahiri = -31°58'31 Julian Calendar 1 Aug. 2033 BCE == Greg. Calendar 15 July 2033 BCE

The year -2032 astronomical counting style corresponds to year 2033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

SEPTEMBER 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 33 2	21♌16'21	2♈19	6♍48	7♍44	6♍58	18♉29	27♉22	24°R52	23♊41	15♉56	8♓19	9♓ 0	13♈27	n.a.	T 1
F 2	21 36 59	22°16'09	14° 9	8°18	8°59	7°40	18°33	27°25	24♐52	23°42	15°56	8°20	8°57	13°33	n.a.	F 2
S 3	21 40 55	23°15'59	25°57	9°47	10°14	8°23	18°37	27°27	24°51	23°44	15°R56	8°22	8°53	13°40	n.a.	S 3
S 4	21 44 52	24°15'51	7♉49	11°16	11°29	9° 5	18°41	27°30	24°50	23°45	15°56	8°23	8°50	13°47	n.a.	S 4
M 5	21 48 49	25°15'46	19°48	12°44	12°44	9°47	18°44	27°32	24°49	23°46	15°56	8°24	8°47	13°53	n.a.	M 5
T 6	21 52 45	26°15'43	1♊59	14°11	13°59	10°30	18°48	27°35	24°48	23°48	15°56	8°R24	8°44	14° 0	n.a.	T 6
W 7	21 56 42	27°15'43	14°27	15°37	15°14	11°12	18°51	27°37	24°47	23°49	15°56	8°23	8°41	14° 7	n.a.	W 7
T 8	22 0 38	28°15'45	27°16	17° 3	16°29	11°55	18°54	27°39	24°47	23°50	15°56	8°22	8°38	14°13	n.a.	T 8
F 9	22 4 35	29°15'50	10♋28	18°28	17°43	12°38	18°57	27°41	24°46	23°51	15°56	8°21	8°34	14°20	n.a.	F 9
S 10	22 8 31	0♍15'56	24° 7	19°52	18°58	13°21	19° 0	27°43	24°45	23°52	15°56	8°20	8°31	14°27	n.a.	S 10
S 11	22 12 28	1°16'05	8♌10	21°16	20°13	14° 3	19° 2	27°45	24°45	23°53	15°55	8°19	8°28	14°33	n.a.	S 11
M12	22 16 24	2°16'16	22°35	22°38	21°28	14°46	19° 4	27°47	24°44	23°55	15°55	8°18	8°25	14°40	n.a.	M12
T 13	22 20 21	3°16'29	7♍18	23°59	22°43	15°29	19° 7	27°48	24°44	23°56	15°55	8°D18	8°22	14°47	n.a.	T 13
W14	22 24 17	4°16'44	22°11	25°20	23°58	16°12	19° 9	27°50	24°44	23°57	15°55	8°18	8°18	14°53	n.a.	W14
T 15	22 28 14	5°17'01	7♎ 6	26°39	25°12	16°55	19°10	27°51	24°43	23°58	15°54	8°19	8°15	15° 0	n.a.	T 15
F 16	22 32 11	6°17'20	21°55	27°57	26°27	17°38	19°12	27°52	24°43	23°58	15°54	8°19	8°12	15° 7	n.a.	F 16
S 17	22 36 7	7°17'40	6♏32	29°14	27°42	18°21	19°13	27°53	24°43	23°59	15°54	8°19	8° 9	15°13	n.a.	S 17
S 18	22 40 4	8°18'02	20°53	0♎29	28°57	19° 4	19°14	27°54	24°43	24° 0	15°53	8°R19	8° 6	15°20	n.a.	S 18
M19	22 44 0	9°18'26	4♐54	1°43	0♎12	19°48	19°15	27°55	24°42	24° 1	15°53	8°D19	8° 3	15°27	n.a.	M19
T 20	22 47 57	10°18'51	18°35	2°54	1°26	20°31	19°16	27°56	24°42	24° 2	15°53	8°19	7°59	15°33	n.a.	T 20
W21	22 51 53	11°19'18	1♑57	4° 4	2°41	21°14	19°17	27°57	24°D42	24° 3	15°52	8°19	7°56	15°40	n.a.	W21
T 22	22 55 50	12°19'47	15° 0	5°12	3°56	21°58	19°17	27°57	24°42	24° 3	15°52	8°19	7°53	15°47	n.a.	T 22
F 23	22 59 46	13°20'17	27°47	6°17	5°11	22°41	19°R17	27°58	24°42	24° 4	15°51	8°20	7°50	15°53	n.a.	F 23
S 24	23 3 43	14°20'49	10♒20	7°20	6°25	23°25	19°17	27°58	24°43	24° 5	15°51	8°21	7°47	16° 0	n.a.	S 24
S 25	23 7 40	15°21'22	22°41	8°19	7°40	24° 8	19°17	27°58	24°43	24° 6	15°50	8°21	7°44	16° 7	n.a.	S 25
M26	23 11 36	16°21'56	4♓52	9°16	8°55	24°52	19°16	27°R58	24°43	24° 6	15°50	8°R21	7°40	16°13	n.a.	M26
T 27	23 15 33	17°22'33	16°55	10° 8	10°10	25°35	19°16	27°58	24°43	24° 7	15°49	8°21	7°37	16°20	n.a.	T 27
W28	23 19 29	18°23'11	28°51	10°56	11°24	26°19	19°15	27°58	24°44	24° 7	15°49	8°21	7°34	16°27	n.a.	W28
T 29	23 23 26	19°23'51	10♈43	11°39	12°39	27° 3	19°14	27°58	24°44	24° 8	15°48	8°19	7°31	16°33	n.a.	T 29
F 30	23 27 22	20♍24'32	22♈32	12♎16	13♎54	27♍47	19♉13	27♉58	24♐44	24♊ 8	15♉48	8♓18	7♓28	16♈40	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n42	2n54	2n 9	8n46	0s27	9n44	0n58	9n42	0n36	17n 6	0s36	18n49	1s11	24s17	0s27	23n34	0s13	13n26	3s40	8s37	8s22	8n 5		n.a.
F 2	14 22	8 32	3 6	8 6	0 34	9 14	0 56	9 25	0 36	17 7	0 36	18 50	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 37	8 23	8 9		n.a.
S 3	14 2	13 51	3 54	7 25	0 41	8 43	0 55	9 8	0 35	17 8	0 36	18 50	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 36	8 24	8 12		n.a.
S 4	13 42	18 41	4 33	6 45	0 48	8 13	0 53	8 52	0 35	17 9	0 36	18 51	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 36	8 25	8 15		n.a.
M 5	13 22	22 51	5 0	6 4	0 55	7 42	0 51	8 35	0 34	17 10	0 36	18 51	1 11	24 17	0 27	23 34	0 13	13 26	3 40	8 35	8 26	8 18		n.a.
T 6	13 1	26 7	5 15	5 24	1 2	7 11	0 49	8 18	0 33	17 11	0 36	18 52	1 11	24 17	0 27	23 34	0 12	13 26	3 40	8 35	8 28	8 22		n.a.
W 7	12 40	28 13	5 15	4 43	1 9	6 39	0 47	8 1	0 33	17 12	0 36	18 52	1 11	24 17	0 27	23 34	0 12	13 26	3 40	8 36	8 29	8 25		n.a.
T 8	12 19	28 54	5 0	4 3	1 16	6 8	0 45	7 44	0 32	17 13	0 36	18 53	1 11	24 17	0 27	23 35	0 12	13 26	3 40	8 36	8 30	8 28		n.a.
F 9	11 58	27 58	4 29	3 23	1 23	5 36	0 43	7 26	0 32	17 14	0 36	18 53	1 11	24 17	0 27	23 35	0 12	13 26	3 40	8 36	8 31	8 32		n.a.
S 10	11 36	25 22	3 41	2 44	1 29	5 4	0 40	7 9	0 31	17 15	0 36	18 54	1 12	24 17	0 27	23 35	0 12	13 26	3 40	8 37	8 33	8 35		n.a.
S 11	11 15	21 10	2 40	2 4	1 36	4 32	0 38	6 52	0 30	17 16	0 36	18 54	1 12	24 17	0 27	23 35	0 12	13 26	3 40	8 37	8 34	8 38		n.a.
M12	10 53	15 37	1 26	1 25	1 42	4 0	0 36	6 34	0 30	17 16	0 36	18 54	1 12	24 17	0 27	23 35	0 12	13 26	3 40	8 37	8 35	8 42		n.a.
T 13	10 31	9 5	0 6	0 47	1 48	3 28	0 34	6 17	0 29	17 17	0 36	18 55	1 12	24 17	0 27	23 35	0 12	13 26	3 41	8 37	8 36	8 45		n.a.
W14	10 8	2 0	1s16	0 9	1 55	2 55	0 31	5 59	0 29	17 17	0 36	18 55	1 12	24 16	0 27	23 35	0 12	13 25	3 41	8 37	8 37	8 48		n.a.
T 15	9 46	5s12	2 33	0s29	2 1	2 23	0 29	5 42	0 28	17 18	0 36	18 55	1 12	24 16	0 27	23 35	0 12	13 25	3 41	8 37	8 39	8 52		n.a.
F 16	9 23	12 5	3 39	1 6	2 6	1 51	0 27	5 24	0 27	17 18	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 25	3 41	8 37	8 40	8 55		n.a.
S 17	9 0	18 13	4 30	1 42	2 12	1 18	0 24	5 6	0 27	17 19	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 25	3 41	8 37	8 41	8 58		n.a.
S 18	8 37	23 12	5 3	2 17	2 17	0 45	0 22	4 49	0 26	17 19	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 25	3 41	8 37	8 42	9 1		n.a.
M19	8 14	26 44	5 17	2 51	2 22	0 13	0 19	4 31	0 25	17 19	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 25	3 41	8 37	8 43	9 5		n.a.
T 20	7 51	28 37	5 13	3 25	2 27	0s20	0 17	4 13	0 25	17 20	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 25	3 41	8 37	8 45	9 8		n.a.
W21	7 28	28 46	4 51	3 57	2 31	0 52	0 14	3 55	0 24	17 20	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 25	3 41	8 37	8 46	9 11		n.a.
T 22	7 4	27 17	4 15	4 28	2 35	1 25	0 12	3 37	0 24	17 20	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 24	3 41	8 37	8 47	9 15		n.a.
F 23	6 41	24 24	3 27	4 58	2 38	1 58	0 9	3 19	0 23	17 20	0 36	18 57	1 12	24 16	0 27	23 35	0 12	13 24	3 41	8 37	8 48	9 18		n.a.
S 24	6 17	20 24	2 29	5 26	2 41	2 30	0 7	3 1	0 22	17 20	0 36	18 57	1 12	24 16	0 27	23 35	0 12	13 24	3 41	8 37	8 49	9 21		n.a.
S 25	5 53	15 35	1 26	5 52	2 44	3 3	0 4	2 42	0 22	17 20	0 36	18 57	1 12	24 16	0 27	23 35	0 12	13 24	3 41	8 36	8 51	9 24		n.a.
M26	5 29	10 13	0 19	6 16	2 46	3 35	0 1	2 24	0 21	17 20	0 36	18 57	1 12	24 16	0 27	23 35	0 12	13 24	3 41	8 36	8 52	9 28		n.a.
T 27	5 5	4 33	0n47	6 38	2 47	4 7	0s 1	2 6	0 20	17 20	0 36	18 57	1 12	24 16	0 27	23 35	0 12	13 24	3 41	8 36	8 53	9 31		n.a.
W28	4 41	1n14	1 51	6 58	2 47	4 40	0 4	1 48	0 20	17 19	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 23	3 41	8 37	8 54	9 34		n.a.
T 29	4 17	6 55	2 50	7 14	2 47	5 12	0 7	1 29	0 19	17 19	0 36	18 56	1 12	24 16	0 27	23 35	0 12	13 23	3 41	8 37	8 55	9 37		n.a.
F 30	3n53	12n21	3n41	7s28	2s45	5s44	0s 9	1n11	0n19	17n19	0s36	18n56	1s12	24s16	0s27	23n36	0s12	13n23	3s41	8s38	8s57	9n41		n.a.

Julian Day Number = 979113.5, Delta T = 13h16m00s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'27, Lahiri = -31°58'27 Julian Calendar 1 Sept. 2033 BCE == Greg. Calendar 15 Aug. 2033 BCE

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

OCTOBER 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 31 19	21♍25'15	4♉22	12♎47	15♎ 8	28♍31	19°R11	27°R57	24♐45	24♊ 9	15°R47	8°R16	7♓24	16♈47	n.a.	S 1
S 2	23 35 15	22°26'00	16°14	13°12	16°23	29°14	19♉10	27♉57	24°45	24° 9	15♉46	8♓14	7°21	16°53	n.a.	S 2
M 3	23 39 12	23°26'47	28°13	13°29	17°37	29°58	19° 8	27°56	24°46	24°10	15°46	8°12	7°18	17° 0	n.a.	M 3
T 4	23 43 8	24°27'36	10♊22	13°R38	18°52	0♎42	19° 6	27°55	24°47	24°10	15°45	8°10	7°15	17° 7	n.a.	T 4
W 5	23 47 5	25°28'26	22°45	13°38	20° 7	1°27	19° 3	27°54	24°47	24°10	15°44	8°D10	7°12	17°13	n.a.	W 5
T 6	23 51 2	26°29'18	5♋28	13°28	21°21	2°11	19° 1	27°53	24°48	24°11	15°43	8°10	7° 9	17°20	n.a.	T 6
F 7	23 54 58	27°30'12	18°32	13° 7	22°36	2°55	18°58	27°52	24°49	24°11	15°43	8°11	7° 5	17°27	n.a.	F 7
S 8	23 58 55	28°31'08	2♌ 3	12°36	23°50	3°39	18°56	27°51	24°50	24°11	15°42	8°12	7° 2	17°34	n.a.	S 8
S 9	0 2 51	29°32'05	16° 1	11°55	25° 5	4°23	18°53	27°50	24°50	24°11	15°41	8°14	6°59	17°40	n.a.	S 9
M10	0 6 48	0♎33'04	0♍26	11° 3	26°19	5° 8	18°49	27°48	24°51	24°11	15°40	8°15	6°56	17°47	n.a.	M10
T 11	0 10 44	1°34'04	15°14	10° 1	27°34	5°52	18°46	27°47	24°52	24°11	15°40	8°R15	6°53	17°54	n.a.	T 11
W12	0 14 41	2°35'05	0♎20	8°52	28°48	6°37	18°42	27°45	24°53	24°11	15°39	8°13	6°49	18° 0	n.a.	W12
T 13	0 18 37	3°36'08	15°33	7°35	0♏ 3	7°21	18°39	27°43	24°55	24°12	15°38	8°11	6°46	18° 7	n.a.	T 13
F 14	0 22 34	4°37'12	0♏45	6°14	1°17	8° 6	18°35	27°41	24°56	24°R12	15°37	8° 7	6°43	18°14	n.a.	F 14
S 15	0 26 31	5°38'16	15°45	4°52	2°32	8°50	18°30	27°39	24°57	24°11	15°36	8° 3	6°40	18°20	n.a.	S 15
S 16	0 30 27	6°39'22	0♐25	3°31	3°46	9°35	18°26	27°37	24°58	24°11	15°35	8° 0	6°37	18°27	n.a.	S 16
M17	0 34 24	7°40'29	14°40	2°13	5° 1	10°20	18°22	27°35	24°59	24°11	15°34	7°56	6°34	18°34	n.a.	M17
T 18	0 38 20	8°41'37	28°28	1° 2	6°15	11° 4	18°17	27°33	25° 1	24°11	15°33	7°55	6°30	18°40	n.a.	T 18
W19	0 42 17	9°42'45	11♑49	29♍59	7°29	11°49	18°12	27°30	25° 2	24°11	15°32	7°D54	6°27	18°47	n.a.	W19
T 20	0 46 13	10°43'54	24°47	29° 7	8°44	12°34	18° 7	27°28	25° 4	24°11	15°31	7°55	6°24	18°54	n.a.	T 20
F 21	0 50 10	11°45'03	7♒24	28°25	9°58	13°19	18° 2	27°25	25° 5	24°11	15°30	7°57	6°21	19° 0	n.a.	F 21
S 22	0 54 7	12°46'13	19°44	27°54	11°12	14° 4	17°56	27°22	25° 7	24°10	15°29	7°58	6°18	19° 7	n.a.	S 22
S 23	0 58 3	13°47'24	1♓52	27°35	12°27	14°49	17°51	27°19	25° 8	24°10	15°28	8°R 0	6°15	19°14	n.a.	S 23
M24	1 2 0	14°48'35	13°51	27°D27	13°41	15°34	17°45	27°17	25°10	24°10	15°27	8° 0	6°11	19°20	n.a.	M24
T 25	1 5 56	15°49'47	25°45	27°30	14°55	16°19	17°39	27°14	25°11	24° 9	15°26	7°58	6° 8	19°27	n.a.	T 25
W26	1 9 53	16°51'00	7♈36	27°42	16° 9	17° 4	17°34	27°10	25°13	24° 9	15°25	7°54	6° 5	19°34	n.a.	W26
T 27	1 13 49	17°52'13	19°26	28° 3	17°24	17°49	17°27	27° 7	25°15	24° 8	15°24	7°48	6° 2	19°40	n.a.	T 27
F 28	1 17 46	18°53'27	1♉16	28°33	18°38	18°34	17°21	27° 4	25°17	24° 8	15°23	7°41	5°59	19°47	n.a.	F 28
S 29	1 21 42	19°54'41	13°10	29° 9	19°52	19°20	17°15	27° 1	25°18	24° 7	15°22	7°33	5°55	19°54	n.a.	S 29
S 30	1 25 39	20°55'57	25° 7	29°52	21° 6	20° 5	17° 8	26°57	25°20	24° 7	15°21	7°24	5°52	20° 1	n.a.	S 30
M31	1 29 36	21♎57'13	7♊11	0♎41	22♏20	20♎50	17♉ 2	26♉54	25♐22	24♊ 6	15♉20	7♓16	5♓49	20♈ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n28	17n20	4n23	7s38	2s43	6s16	0s12	0n53	0n18	17n19	0s36	18n56	1s12	24s16	0s27	23n36	0s12	13n23	3s41	8s38	8s58	9n44		n.a.
S 2	3 4	21 42	4 53	7 45	2 39	6 48	0 15	0 34	0 17	17 18	0 35	18 56	1 12	24 16	0 27	23 36	0 12	13 23	3 41	8 39	8 59	9 47		n.a.
M 3	2 39	25 13	5 11	7 47	2 34	7 19	0 17	0 16	0 17	17 18	0 35	18 56	1 12	24 16	0 27	23 36	0 12	13 22	3 41	8 40	9 0	9 50		n.a.
T 4	2 15	27 40	5 16	7 45	2 28	7 51	0 20	0s 3	0 16	17 17	0 35	18 56	1 12	24 16	0 27	23 36	0 12	13 22	3 41	8 40	9 2	9 54		n.a.
W 5	1 50	28 49	5 6	7 38	2 20	8 22	0 23	0 21	0 15	17 17	0 35	18 55	1 12	24 16	0 27	23 36	0 12	13 22	3 41	8 41	9 3	9 57		n.a.
T 6	1 25	28 30	4 41	7 25	2 11	8 53	0 25	0 40	0 15	17 16	0 35	18 55	1 12	24 16	0 27	23 36	0 12	13 22	3 41	8 41	9 4	10 0		n.a.
F 7	1 1	26 36	4 1	7 7	2 0	9 24	0 28	0 58	0 14	17 15	0 35	18 55	1 13	24 16	0 27	23 36	0 12	13 22	3 41	8 40	9 5	10 3		n.a.
S 8	0 36	23 8	3 7	6 43	1 47	9 55	0 31	1 17	0 13	17 15	0 35	18 55	1 13	24 16	0 27	23 36	0 12	13 21	3 41	8 40	9 6	10 7		n.a.
S 9	0 11	18 15	2 0	6 13	1 33	10 25	0 33	1 35	0 13	17 14	0 35	18 54	1 13	24 16	0 27	23 36	0 12	13 21	3 41	8 39	9 8	10 10		n.a.
M10	0s13	12 13	0 43	5 38	1 16	10 55	0 36	1 54	0 12	17 13	0 35	18 54	1 13	24 16	0 27	23 36	0 12	13 21	3 41	8 39	9 9	10 13		n.a.
T 11	0 38	5 21	0s38	4 57	0 59	11 25	0 39	2 12	0 11	17 12	0 35	18 53	1 13	24 16	0 27	23 36	0 12	13 21	3 41	8 39	9 10	10 16		n.a.
W12	1 3	1s56	1 59	4 11	0 40	11 55	0 41	2 31	0 11	17 11	0 35	18 53	1 13	24 16	0 27	23 36	0 12	13 20	3 41	8 39	9 11	10 20		n.a.
T 13	1 28	9 10	3 11	3 22	0 20	12 24	0 44	2 49	0 10	17 10	0 35	18 53	1 13	24 16	0 27	23 36	0 12	13 20	3 41	8 40	9 12	10 23		n.a.
F 14	1 52	15 51	4 10	2 31	0n 1	12 53	0 47	3 8	0 9	17 9	0 35	18 52	1 13	24 17	0 27	23 36	0 12	13 20	3 41	8 42	9 14	10 26		n.a.
S 15	2 17	21 30	4 50	1 38	0 22	13 22	0 49	3 26	0 9	17 8	0 35	18 52	1 13	24 17	0 27	23 36	0 12	13 20	3 41	8 43	9 15	10 29		n.a.
S 16	2 42	25 43	5 11	0 47	0 42	13 50	0 52	3 45	0 8	17 7	0 35	18 51	1 13	24 17	0 27	23 36	0 12	13 19	3 41	8 45	9 16	10 32		n.a.
M17	3 6	28 11	5 11	0n 2	1 1	14 18	0 54	4 4	0 7	17 5	0 35	18 51	1 13	24 17	0 27	23 36	0 12	13 19	3 41	8 46	9 17	10 36		n.a.
T 18	3 31	28 49	4 54	0 47	1 19	14 46	0 57	4 22	0 7	17 4	0 35	18 50	1 13	24 17	0 27	23 36	0 12	13 19	3 41	8 46	9 18	10 39		n.a.
W19	3 55	27 43	4 20	1 27	1 35	15 13	0 59	4 40	0 6	17 3	0 35	18 50	1 13	24 17	0 27	23 36	0 12	13 18	3 41	8 47	9 20	10 42		n.a.
T 20	4 20	25 7	3 35	2 2	1 50	15 40	1 2	4 59	0 5	17 2	0 34	18 49	1 13	24 17	0 27	23 36	0 12	13 18	3 41	8 46	9 21	10 45		n.a.
F 21	4 44	21 22	2 39	2 30	2 2	16 7	1 4	5 17	0 5	17 0	0 34	18 48	1 13	24 17	0 27	23 36	0 12	13 18	3 41	8 46	9 22	10 48		n.a.
S 22	5 9	16 45	1 38	2 52	2 13	16 33	1 6	5 36	0 4	16 59	0 34	18 48	1 13	24 17	0 27	23 36	0 12	13 18	3 41	8 45	9 23	10 52		n.a.
S 23	5 33	11 33	0 33	3 8	2 21	16 59	1 9	5 54	0 3	16 57	0 34	18 47	1 13	24 17	0 27	23 36	0 12	13 17	3 41	8 45	9 24	10 55		n.a.
M24	5 57	5 59	0n32	3 17	2 28	17 24	1 11	6 13	0 3	16 56	0 34	18 46	1 13	24 17	0 27	23 36	0 12	13 17	3 41	8 45	9 25	10 58		n.a.
T 25	6 21	0 16	1 35	3 21	2 33	17 49	1 13	6 31	0 2	16 54	0 34	18 46	1 13	24 17	0 27	23 36	0 12	13 17	3 41	8 45	9 27	11 1		n.a.
W26	6 45	5n25	2 34	3 19	2 36	18 13	1 16	6 49	0 1	16 53	0 34	18 45	1 13	24 17	0 27	23 36	0 12	13 16	3 41	8 47	9 28	11 4		n.a.
T 27	7 9	10 55	3 26	3 12	2 38	18 37	1 18	7 7	0 1	16 51	0 34	18 44	1 13	24 17	0 27	23 36	0 12	13 16	3 41	8 49	9 29	11 8		n.a.
F 28	7 33	16 2	4 9	3 0	2 38	19 0	1 20	7 25	0s 0	16 49	0 34	18 44	1 13	24 17	0 27	23 36	0 12	13 16	3 41	8 52	9 30	11 11		n.a.
S 29	7 56	20 33	4 41	2 45	2 38	19 23	1 22	7 44	0 1	16 47	0 34	18 43	1 13	24 17	0 26	23 36	0 12	13 16	3 41	8 55	9 31	11 14		n.a.
S 30	8 20	24 18	5 1	2 26	2 36	19 45	1 24	8 2	0 1	16 46	0 34	18 42	1 13	24 17	0 26	23 36	0 12	13 15	3 41	8 58	9 33	11 17		n.a.
M31	8s43	27n 1	5n 8	2n 4	2n34	20s 7	1s26	8s20	0s 2	16n44	0s34	18n41	1s13	24s17	0s26	23n36	0s12	13n15	3s41	9s 1	9s34	11n20		n.a.

Julian Day Number = 979143.5, Delta T = 13h15m58s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'23, Lahiri = -31°58'23 Julian Calendar 1 Oct. 2033 BCE == Greg. Calendar 14 Sept. 2033 BCE

The year -2032 astronomical counting style corresponds to year 2033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

NOVEMBER 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 33 32	22♎58'30	19♊23	1♎35	23♏34	21♎36	16°R55	26°R50	25♐24	24°R 6	15°R19	7°R 9	5♓46	20♈14	n.a.	T 1
W 2	1 37 29	23°59'47	1♋47	2°34	24°48	22°21	16♉48	26♉46	25°26	24♊ 5	15♉17	7♓ 4	5°43	20°21	n.a.	W 2
T 3	1 41 25	25° 1'06	14°25	3°36	26° 2	23° 7	16°41	26°43	25°28	24° 4	15°16	7° 2	5°40	20°27	n.a.	T 3
F 4	1 45 22	26° 2'24	27°23	4°42	27°16	23°52	16°34	26°39	25°30	24° 4	15°15	7°D 1	5°36	20°34	n.a.	F 4
S 5	1 49 18	27° 3'44	10♌42	5°51	28°30	24°38	16°27	26°35	25°33	24° 3	15°14	7° 2	5°33	20°41	n.a.	S 5
S 6	1 53 15	28° 5'04	24°27	7° 2	29°44	25°23	16°19	26°31	25°35	24° 2	15°13	7° 3	5°30	20°47	n.a.	S 6
M 7	1 57 11	29° 6'25	8♍38	8°16	0♐58	26° 9	16°12	26°27	25°37	24° 2	15°12	7°R 3	5°27	20°54	n.a.	M 7
T 8	2 1 8	0♏ 7'46	23°15	9°32	2°12	26°55	16° 4	26°23	25°39	24° 1	15°10	7° 2	5°24	21° 1	n.a.	T 8
W 9	2 5 5	1° 9'07	8♎14	10°49	3°26	27°40	15°57	26°18	25°42	24° 0	15° 9	6°59	5°21	21° 7	n.a.	W 9
T 10	2 9 1	2°10'29	23°27	12° 9	4°39	28°26	15°49	26°14	25°44	23°59	15° 8	6°53	5°17	21°14	n.a.	T 10
F 11	2 12 58	3°11'50	8♏45	13°29	5°53	29°12	15°41	26°10	25°46	23°58	15° 7	6°45	5°14	21°21	n.a.	F 11
S 12	2 16 54	4°13'12	23°57	14°51	7° 7	29°58	15°33	26° 5	25°49	23°57	15° 6	6°35	5°11	21°27	n.a.	S 12
S 13	2 20 51	5°14'34	8♐52	16°14	8°21	0♏44	15°26	26° 1	25°51	23°56	15° 4	6°26	5° 8	21°34	n.a.	S 13
M14	2 24 47	6°15'56	23°21	17°37	9°34	1°30	15°18	25°56	25°54	23°55	15° 3	6°18	5° 5	21°41	n.a.	M14
T 15	2 28 44	7°17'18	7♑21	19° 2	10°48	2°16	15°10	25°52	25°56	23°54	15° 2	6°12	5° 1	21°47	n.a.	T 15
W16	2 32 41	8°18'39	20°51	20°27	12° 1	3° 2	15° 2	25°47	25°59	23°53	15° 1	6° 8	4°58	21°54	n.a.	W16
T 17	2 36 37	9°19'59	3♒52	21°54	13°15	3°48	14°54	25°43	26° 1	23°52	14°59	6°D 6	4°55	22° 1	n.a.	T 17
F 18	2 40 34	10°21'19	16°29	23°20	14°28	4°34	14°46	25°38	26° 4	23°51	14°58	6° 6	4°52	22° 8	n.a.	F 18
S 19	2 44 30	11°22'38	28°47	24°48	15°42	5°20	14°37	25°33	26° 7	23°50	14°57	6° 7	4°49	22°14	n.a.	S 19
S 20	2 48 27	12°23'57	10♓50	26°16	16°55	6° 6	14°29	25°29	26° 9	23°49	14°56	6°R 7	4°46	22°21	n.a.	S 20
M21	2 52 23	13°25'15	22°44	27°45	18° 9	6°52	14°21	25°24	26°12	23°48	14°54	6° 5	4°42	22°28	n.a.	M21
T 22	2 56 20	14°26'33	4♈33	29°14	19°22	7°38	14°13	25°19	26°15	23°46	14°53	6° 1	4°39	22°34	n.a.	T 22
W23	3 0 17	15°27'50	16°21	0♏43	20°35	8°25	14° 5	25°14	26°18	23°45	14°52	5°55	4°36	22°41	n.a.	W23
T 24	3 4 13	16°29'07	28°11	2°13	21°48	9°11	13°57	25° 9	26°20	23°44	14°51	5°45	4°33	22°48	n.a.	T 24
F 25	3 8 10	17°30'23	10♉ 6	3°44	23° 1	9°57	13°49	25° 4	26°23	23°43	14°49	5°33	4°30	22°54	n.a.	F 25
S 26	3 12 6	18°31'38	22° 6	5°15	24°15	10°43	13°41	25° 0	26°26	23°41	14°48	5°19	4°26	23° 1	n.a.	S 26
S 27	3 16 3	19°32'53	4♊13	6°47	25°28	11°30	13°33	24°55	26°29	23°40	14°47	5° 5	4°23	23° 8	n.a.	S 27
M28	3 19 59	20°34'07	16°27	8°19	26°41	12°16	13°25	24°50	26°32	23°39	14°46	4°51	4°20	23°14	n.a.	M28
T 29	3 23 56	21°35'21	28°50	9°51	27°53	13° 3	13°17	24°45	26°35	23°37	14°44	4°40	4°17	23°21	n.a.	T 29
W30	3 27 53	22♏36'35	11♋23	11♏24	29♐ 6	13♏49	13♉ 9	24♉40	26♐38	23♊36	14♉43	4♓31	4♓14	23♈28	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s 7	28n30	5n 1	1n39	2n30	20s28	1s28	8s38	0s 3	16n42	0s33	18n40	1s13	24s17	0s26	23n36	0s12	13n15	3s41	9s 4	9s35	11n24		n.a.
W 2	9 30	28 35	4 40	1 12	2 27	20 49	1 30	8 56	0 3	16 40	0 33	18 39	1 13	24 17	0 26	23 36	0 12	13 14	3 41	9 6	9 36	11 27		n.a.
T 3	9 53	27 12	4 5	0 42	2 22	21 9	1 32	9 14	0 4	16 38	0 33	18 39	1 13	24 17	0 26	23 36	0 12	13 14	3 41	9 7	9 37	11 30		n.a.
F 4	10 15	24 20	3 17	0 11	2 17	21 28	1 34	9 31	0 5	16 36	0 33	18 38	1 13	24 18	0 26	23 36	0 12	13 14	3 41	9 7	9 39	11 33		n.a.
S 5	10 38	20 6	2 17	0s22	2 12	21 47	1 36	9 49	0 6	16 34	0 33	18 37	1 13	24 18	0 26	23 35	0 12	13 13	3 41	9 6	9 40	11 36		n.a.
S 6	11 0	14 42	1 7	0 56	2 6	22 5	1 37	10 7	0 6	16 32	0 33	18 36	1 13	24 18	0 26	23 35	0 12	13 13	3 41	9 6	9 41	11 39		n.a.
M 7	11 23	8 22	0s 8	1 31	2 0	22 23	1 39	10 24	0 7	16 30	0 33	18 35	1 12	24 18	0 26	23 35	0 12	13 13	3 41	9 6	9 42	11 43		n.a.
T 8	11 45	1 25	1 26	2 7	1 54	22 40	1 41	10 42	0 8	16 28	0 33	18 34	1 12	24 18	0 26	23 35	0 12	13 12	3 41	9 6	9 43	11 46		n.a.
W 9	12 7	5s45	2 39	2 44	1 47	22 56	1 42	10 59	0 8	16 26	0 32	18 33	1 12	24 18	0 26	23 35	0 12	13 12	3 41	9 8	9 45	11 49		n.a.
T 10	12 28	12 43	3 42	3 22	1 40	23 12	1 44	11 17	0 9	16 24	0 32	18 32	1 12	24 18	0 26	23 35	0 12	13 12	3 41	9 10	9 46	11 52		n.a.
F 11	12 50	18 57	4 29	4 0	1 33	23 27	1 45	11 34	0 10	16 22	0 32	18 31	1 12	24 18	0 26	23 35	0 12	13 11	3 41	9 13	9 47	11 55		n.a.
S 12	13 11	23 56	4 57	4 38	1 26	23 41	1 46	11 51	0 10	16 19	0 32	18 30	1 12	24 18	0 26	23 35	0 12	13 11	3 40	9 16	9 48	11 58		n.a.
S 13	13 32	27 14	5 4	5 17	1 19	23 55	1 48	12 8	0 11	16 17	0 32	18 29	1 12	24 18	0 26	23 35	0 12	13 11	3 40	9 20	9 49	12 1		n.a.
M14	13 53	28 37	4 51	5 57	1 12	24 8	1 49	12 25	0 12	16 15	0 32	18 28	1 12	24 18	0 26	23 35	0 12	13 10	3 40	9 23	9 51	12 5		n.a.
T 15	14 13	28 4	4 21	6 36	1 5	24 20	1 50	12 42	0 12	16 13	0 32	18 27	1 12	24 18	0 26	23 35	0 12	13 10	3 40	9 25	9 52	12 8		n.a.
W16	14 34	25 51	3 37	7 16	0 58	24 32	1 51	12 59	0 13	16 10	0 32	18 26	1 12	24 18	0 26	23 35	0 12	13 10	3 40	9 27	9 53	12 11		n.a.
T 17	14 54	22 19	2 43	7 55	0 50	24 42	1 52	13 15	0 14	16 8	0 31	18 25	1 12	24 18	0 26	23 35	0 12	13 10	3 40	9 27	9 54	12 14		n.a.
F 18	15 14	17 51	1 43	8 35	0 43	24 52	1 53	13 32	0 14	16 6	0 31	18 24	1 12	24 18	0 26	23 35	0 12	13 9	3 40	9 27	9 55	12 17		n.a.
S 19	15 33	12 45	0 39	9 14	0 36	25 2	1 54	13 48	0 15	16 4	0 31	18 23	1 12	24 19	0 26	23 35	0 12	13 9	3 40	9 27	9 56	12 20		n.a.
S 20	15 52	7 16	0n25	9 54	0 29	25 10	1 54	14 4	0 16	16 1	0 31	18 22	1 12	24 19	0 26	23 35	0 12	13 9	3 40	9 27	9 58	12 23		n.a.
M21	16 11	1 37	1 27	10 33	0 21	25 18	1 55	14 21	0 16	15 59	0 31	18 21	1 12	24 19	0 26	23 35	0 12	13 8	3 40	9 28	9 59	12 26		n.a.
T 22	16 30	4n 3	2 25	11 12	0 14	25 25	1 56	14 37	0 17	15 57	0 31	18 20	1 12	24 19	0 26	23 35	0 12	13 8	3 40	9 29	10 0	12 30		n.a.
W23	16 48	9 34	3 16	11 51	0 7	25 31	1 56	14 53	0 18	15 54	0 30	18 18	1 12	24 19	0 26	23 35	0 12	13 8	3 40	9 32	10 1	12 33		n.a.
T 24	17 6	14 45	3 59	12 29	0 0	25 36	1 56	15 8	0 18	15 52	0 30	18 17	1 11	24 19	0 26	23 35	0 12	13 7	3 40	9 35	10 2	12 36		n.a.
F 25	17 24	19 26	4 32	13 7	0s 7	25 41	1 57	15 24	0 19	15 50	0 30	18 16	1 11	24 19	0 26	23 35	0 12	13 7	3 40	9 40	10 4	12 39		n.a.
S 26	17 42	23 22	4 53	13 45	0 13	25 45	1 57	15 40	0 20	15 48	0 30	18 15	1 11	24 19	0 26	23 35	0 12	13 7	3 40	9 45	10 5	12 42		n.a.
S 27	17 59	26 20	5 0	14 22	0 20	25 48	1 57	15 55	0 20	15 45	0 30	18 14	1 11	24 19	0 26	23 35	0 12	13 6	3 40	9 50	10 6	12 45		n.a.
M28	18 15	28 6	4 54	14 59	0 27	25 50	1 57	16 10	0 21	15 43	0 30	18 13	1 11	24 19	0 26	23 35	0 12	13 6	3 40	9 55	10 7	12 48		n.a.
T 29	18 32	28 30	4 34	15 35	0 33	25 52	1 57	16 25	0 22	15 41	0 29	18 12	1 11	24 19	0 26	23 34	0 12	13 6	3 40	10 0	10 8	12 51		n.a.
W30	18s48	27n26	4n 1	16s11	0s39	25s53	1s57	16s40	0s23	15n38	0s29	18n11	1s11	24s19	0s26	23n34	0s12	13n 6	3s39	10s 3	10s 9	12n54		n.a.

Julian Day Number = 979174.5, Delta T = 13h15m56s
Ecliptic obliquity = 23°55'48, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'19, Lahiri = -31°58'18 Julian Calendar 1 Nov. 2033 BCE == Greg. Calendar 15 Oct. 2033 BCE

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ASTRODIENST EPHEMERIS for the year 2033 BCE
geocentric

DECEMBER 2033 BCE (-2032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 31 49	23♏37'48	24♋ 8	12♏58	0♉19	14♏36	13°R 1	24°R35	26♐41	23°R35	14°R42	4°R25	4♓11	23♈35	n.a.	T 1
F 2	3 35 46	24°39'00	7♌ 7	14°32	1°32	15°22	12♉53	24♉30	26°44	23♊33	14♉41	4♓22	4° 7	23°41	n.a.	F 2
S 3	3 39 42	25°40'12	20°22	16° 6	2°44	16° 9	12°45	24°25	26°47	23°32	14°40	4°21	4° 4	23°48	n.a.	S 3
S 4	3 43 39	26°41'23	3♍57	17°41	3°57	16°55	12°38	24°20	26°50	23°30	14°38	4°21	4° 1	23°55	n.a.	S 4
M 5	3 47 35	27°42'33	17°53	19°17	5°10	17°42	12°30	24°15	26°53	23°29	14°37	4°20	3°58	24° 1	n.a.	M 5
T 6	3 51 32	28°43'43	2♎12	20°53	6°22	18°28	12°23	24°10	26°56	23°27	14°36	4°18	3°55	24° 8	n.a.	T 6
W 7	3 55 28	29°44'52	16°51	22°29	7°34	19°15	12°15	24° 5	27° 0	23°26	14°35	4°13	3°52	24°15	n.a.	W 7
T 8	3 59 25	0♐46'01	1♏46	24° 7	8°47	20° 2	12° 8	24° 0	27° 3	23°24	14°34	4° 6	3°48	24°21	n.a.	T 8
F 9	4 3 22	1°47'09	16°50	25°44	9°59	20°48	12° 0	23°55	27° 6	23°23	14°32	3°56	3°45	24°28	n.a.	F 9
S 10	4 7 18	2°48'15	1♐53	27°23	11°11	21°35	11°53	23°50	27° 9	23°21	14°31	3°44	3°42	24°35	n.a.	S 10
S 11	4 11 15	3°49'21	16°45	29° 2	12°23	22°22	11°46	23°45	27°12	23°20	14°30	3°31	3°39	24°41	n.a.	S 11
M12	4 15 11	4°50'25	1♉17	0♐42	13°35	23° 9	11°39	23°41	27°16	23°18	14°29	3°20	3°36	24°48	n.a.	M12
T 13	4 19 8	5°51'29	15°23	2°22	14°47	23°55	11°32	23°36	27°19	23°17	14°28	3°11	3°32	24°55	n.a.	T 13
W14	4 23 4	6°52'30	29° 0	4° 3	15°59	24°42	11°26	23°31	27°22	23°15	14°27	3° 5	3°29	25° 2	n.a.	W14
T 15	4 27 1	7°53'30	12♒ 8	5°45	17°11	25°29	11°19	23°26	27°25	23°13	14°25	3° 2	3°26	25° 8	n.a.	T 15
F 16	4 30 58	8°54'29	24°50	7°27	18°22	26°16	11°13	23°22	27°29	23°12	14°24	3° 1	3°23	25°15	n.a.	F 16
S 17	4 34 54	9°55'26	7♓11	9°10	19°34	27° 3	11° 6	23°17	27°32	23°10	14°23	3° 1	3°20	25°22	n.a.	S 17
S 18	4 38 51	10°56'21	19°16	10°54	20°45	27°49	11° 0	23°12	27°35	23° 8	14°22	3° 0	3°17	25°28	n.a.	S 18
M19	4 42 47	11°57'15	1♈11	12°38	21°57	28°36	10°54	23° 8	27°39	23° 7	14°21	2°59	3°13	25°35	n.a.	M19
T 20	4 46 44	12°58'07	13° 0	14°23	23° 8	29°23	10°48	23° 3	27°42	23° 5	14°20	2°55	3°10	25°42	n.a.	T 20
W21	4 50 40	13°58'57	24°49	16° 9	24°19	0♐10	10°43	22°59	27°46	23° 4	14°19	2°49	3° 7	25°48	n.a.	W21
T 22	4 54 37	14°59'46	6♉41	17°55	25°30	0°57	10°37	22°54	27°49	23° 2	14°18	2°40	3° 4	25°55	n.a.	T 22
F 23	4 58 33	16° 0'32	18°40	19°42	26°41	1°44	10°32	22°50	27°52	23° 0	14°17	2°28	3° 1	26° 2	n.a.	F 23
S 24	5 2 30	17° 1'18	0♊48	21°30	27°52	2°31	10°26	22°46	27°56	22°59	14°16	2°15	2°58	26° 9	n.a.	S 24
S 25	5 6 27	18° 2'02	13° 7	23°18	29° 2	3°18	10°21	22°42	27°59	22°57	14°15	2° 1	2°54	26°15	n.a.	S 25
M26	5 10 23	19° 2'44	25°36	25° 7	0♒13	4° 5	10°16	22°37	28° 3	22°55	14°14	1°48	2°51	26°22	n.a.	M26
T 27	5 14 20	20° 3'24	8♋16	26°56	1°23	4°52	10°11	22°33	28° 6	22°54	14°13	1°36	2°48	26°29	n.a.	T 27
W28	5 18 16	21° 4'03	21° 7	28°46	2°34	5°39	10° 7	22°29	28° 9	22°52	14°12	1°28	2°45	26°35	n.a.	W28
T 29	5 22 13	22° 4'41	4♌ 8	0♉35	3°44	6°26	10° 2	22°25	28°13	22°50	14°11	1°22	2°42	26°42	n.a.	T 29
F 30	5 26 9	23° 5'17	17°21	2°25	4°54	7°13	9°58	22°21	28°16	22°49	14°10	1°19	2°38	26°49	n.a.	F 30
S 31	5 30 6	24♐ 5'51	0♍45	4♉14	6♒ 4	8♐ 0	9♉54	22♉17	28♐20	22♊47	14♉ 9	1°D18	2♓35	26♈55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19s 4	24n56	3n15	16s46	0s46	25s53	1s57	16s55	0s23	15n36	0s29	18n 9	1s11	24s19	0s26	23n34	0s12	13n 5	3s39	10s 5	10s11	12n57			n.a.
F 2	19 19	21 6	2 19	17 21	0 52	25 52	1 57	17 9	0 24	15 34	0 29	18 8	1 11	24 19	0 26	23 34	0 12	13 5	3 39	10 6	10 12	13 0			n.a.
S 3	19 34	16 9	1 13	17 55	0 57	25 50	1 56	17 24	0 25	15 32	0 29	18 7	1 11	24 20	0 26	23 34	0 12	13 5	3 39	10 7	10 13	13 3			n.a.
S 4	19 49	10 18	0 2	18 28	1 3	25 48	1 56	17 38	0 25	15 29	0 29	18 6	1 11	24 20	0 26	23 34	0 12	13 4	3 39	10 7	10 14	13 7			n.a.
M 5	20 3	3 48	1s11	19 0	1 8	25 45	1 55	17 52	0 26	15 27	0 28	18 5	1 10	24 20	0 26	23 34	0 12	13 4	3 39	10 7	10 15	13 10			n.a.
T 6	20 17	3s 3	2 21	19 31	1 14	25 41	1 55	18 6	0 27	15 25	0 28	18 4	1 10	24 20	0 26	23 34	0 12	13 4	3 39	10 8	10 16	13 13			n.a.
W 7	20 31	9 53	3 24	20 2	1 19	25 36	1 54	18 20	0 27	15 23	0 28	18 3	1 10	24 20	0 26	23 34	0 12	13 3	3 39	10 10	10 18	13 16			n.a.
T 8	20 44	16 17	4 14	20 32	1 24	25 31	1 53	18 33	0 28	15 21	0 28	18 2	1 10	24 20	0 26	23 34	0 12	13 3	3 39	10 12	10 19	13 19			n.a.
F 9	20 56	21 47	4 47	21 1	1 28	25 25	1 52	18 47	0 29	15 19	0 28	18 0	1 10	24 20	0 26	23 34	0 12	13 3	3 39	10 16	10 20	13 22			n.a.
S 10	21 9	25 51	5 0	21 28	1 32	25 18	1 51	19 0	0 29	15 17	0 27	17 59	1 10	24 20	0 26	23 34	0 12	13 3	3 39	10 21	10 21	13 25			n.a.
S 11	21 21	28 6	4 52	21 55	1 36	25 10	1 50	19 13	0 30	15 15	0 27	17 58	1 10	24 20	0 26	23 34	0 12	13 2	3 39	10 25	10 22	13 28			n.a.
M12	21 32	28 21	4 25	22 21	1 40	25 1	1 49	19 26	0 30	15 13	0 27	17 57	1 10	24 20	0 26	23 34	0 12	13 2	3 39	10 29	10 24	13 31			n.a.
T 13	21 43	26 43	3 43	22 45	1 44	24 52	1 47	19 38	0 31	15 11	0 27	17 56	1 9	24 20	0 26	23 34	0 12	13 2	3 38	10 32	10 25	13 34			n.a.
W14	21 54	23 32	2 49	23 8	1 47	24 42	1 46	19 51	0 32	15 9	0 27	17 55	1 9	24 20	0 26	23 33	0 12	13 2	3 38	10 35	10 26	13 37			n.a.
T 15	22 4	19 14	1 48	23 30	1 50	24 32	1 45	20 3	0 32	15 7	0 26	17 54	1 9	24 20	0 26	23 33	0 12	13 1	3 38	10 36	10 27	13 40			n.a.
F 16	22 14	14 11	0 43	23 51	1 52	24 20	1 43	20 15	0 33	15 5	0 26	17 53	1 9	24 20	0 26	23 33	0 12	13 1	3 38	10 36	10 28	13 43			n.a.
S 17	22 24	8 42	0n22	24 10	1 54	24 8	1 41	20 27	0 34	15 3	0 26	17 52	1 9	24 21	0 26	23 33	0 12	13 1	3 38	10 36	10 29	13 46			n.a.
S 18	22 33	3 2	1 25	24 27	1 56	23 56	1 39	20 38	0 34	15 2	0 26	17 51	1 9	24 21	0 26	23 33	0 12	13 1	3 38	10 37	10 31	13 49			n.a.
M19	22 41	2n40	2 23	24 43	1 57	23 42	1 38	20 50	0 35	15 0	0 26	17 50	1 9	24 21	0 26	23 33	0 12	13 0	3 38	10 37	10 32	13 52			n.a.
T 20	22 49	8 13	3 15	24 57	1 58	23 28	1 36	21 1	0 36	14 58	0 25	17 49	1 8	24 21	0 26	23 33	0 12	13 0	3 38	10 38	10 33	13 55			n.a.
W21	22 57	13 28	3 58	25 10	1 59	23 14	1 33	21 12	0 36	14 56	0 25	17 48	1 8	24 21	0 26	23 33	0 12	13 0	3 38	10 41	10 34	13 58			n.a.
T 22	23 4	18 16	4 31	25 20	1 59	22 58	1 31	21 22	0 37	14 55	0 25	17 47	1 8	24 21	0 26	23 33	0 12	13 0	3 38	10 44	10 35	14 1			n.a.
F 23	23 11	22 24	4 52	25 29	1 58	22 42	1 29	21 33	0 38	14 53	0 25	17 46	1 8	24 21	0 26	23 33	0 12	13 0	3 37	10 48	10 36	14 4			n.a.
S 24	23 17	25 37	5 0	25 36	1 57	22 26	1 27	21 43	0 38	14 52	0 25	17 45	1 8	24 21	0 26	23 33	0 12	12 59	3 37	10 53	10 38	14 7			n.a.
S 25	23 23	27 43	4 55	25 41	1 56	22 8	1 24	21 53	0 39	14 50	0 24	17 44	1 8	24 21	0 26	23 33	0 12	12 59	3 37	10 58	10 39	14 10			n.a.
M26	23 28	28 26	4 35	25 44	1 54	21 51	1 22	22 2	0 39	14 49	0 24	17 43	1 7	24 21	0 26	23 33	0 12	12 59	3 37	11 3	10 40	14 13			n.a.
T 27	23 33	27 41	4 2	25 45	1 51	21 32	1 19	22 12	0 40	14 48	0 24	17 42	1 7	24 21	0 26	23 33	0 12	12 59	3 37	11 7	10 41	14 16			n.a.
W28	23 37	25 27	3 16	25 43	1 48	21 14	1 16	22 21	0 41	14 46	0 24	17 41	1 7	24 21	0 26	23 32	0 12	12 59	3 37	11 10	10 42	14 19			n.a.
T 29	23 41	21 52	2 19	25 40	1 44	20 54	1 13	22 30	0 41	14 45	0 24	17 40	1 7	24 21	0 26	23 32	0 12	12 58	3 37	11 13	10 43	14 22			n.a.
F 30	23 45	17 7	1 13	25 34	1 39	20 34	1 10	22 39	0 42	14 44	0 23	17 40	1 7	24 21	0 26	23 32	0 12	12 58	3 37	11 14	10 45	14 25			n.a.
S 31	23s48	11n28	0n 3	25s26	1s34	20s14	1s 7	22s47	0s42	14n43	0s23	17n39	1s 7	24s21	0s26	23n32	0s12	12n58	3s37	11s14	10s46	14n28			n.a.

Julian Day Number = 979204.5, Delta T = 13h15m54s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'15, Lahiri = -31°58'14 Julian Calendar 1 Dec. 2033 BCE == Greg. Calendar 14 Nov. 2033 BCE

The year -2032 astronomical counting style corresponds to year 2033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

JANUARY 2032 BCE (-2031) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 34 3	25♐ 6'24	14♍23	6♑ 3	7♒13	8♐47	9°R50	22°R14	28♐23	22°R45	14°R 8	1♓18	2♓32	27♈ 2	n.a.	S 1
M 2	5 37 59	26° 6'55	28°14	7°52	8°23	9°34	9♉47	22♉10	28°27	22♊43	14♉ 7	1°R18	2°29	27° 9	n.a.	M 2
T 3	5 41 56	27° 7'25	12♎21	9°40	9°32	10°21	9°43	22° 6	28°30	22°42	14° 6	1°17	2°26	27°16	n.a.	T 3
W 4	5 45 52	28° 7'53	26°41	11°26	10°42	11° 8	9°40	22° 3	28°34	22°40	14° 5	1°14	2°23	27°22	n.a.	W 4
T 5	5 49 49	29° 8'20	11♏12	13°11	11°51	11°55	9°37	21°59	28°37	22°38	14° 5	1° 9	2°19	27°29	n.a.	T 5
F 6	5 53 45	0♑ 8'45	25°50	14°54	13° 0	12°42	9°34	21°56	28°41	22°37	14° 4	1° 1	2°16	27°36	n.a.	F 6
S 7	5 57 42	1° 9'09	10♐29	16°34	14° 9	13°29	9°31	21°53	28°44	22°35	14° 3	0°51	2°13	27°42	n.a.	S 7
S 8	6 1 38	2° 9'30	25° 0	18°11	15°17	14°16	9°28	21°50	28°47	22°33	14° 2	0°41	2°10	27°49	n.a.	S 8
M 9	6 5 35	3° 9'50	9♑17	19°45	16°26	15° 3	9°26	21°46	28°51	22°32	14° 1	0°32	2° 7	27°56	n.a.	M 9
T 10	6 9 32	4°10'08	23°13	21°14	17°34	15°50	9°24	21°43	28°54	22°30	14° 1	0°25	2° 4	28° 2	n.a.	T 10
W11	6 13 28	5°10'24	6♒47	22°39	18°42	16°37	9°22	21°41	28°58	22°29	14° 0	0°20	2° 0	28° 9	n.a.	W11
T 12	6 17 25	6°10'37	19°55	23°58	19°50	17°24	9°20	21°38	29° 1	22°27	13°59	0°17	1°57	28°16	n.a.	T 12
F 13	6 21 21	7°10'49	2♓40	25°12	20°58	18°11	9°18	21°35	29° 5	22°25	13°59	0°D17	1°54	28°23	n.a.	F 13
S 14	6 25 18	8°10'58	15° 5	26°18	22° 5	18°58	9°17	21°32	29° 8	22°24	13°58	0°17	1°51	28°29	n.a.	S 14
S 15	6 29 14	9°11'04	27°13	27°18	23°13	19°46	9°16	21°30	29°12	22°22	13°57	0°19	1°48	28°36	n.a.	S 15
M16	6 33 11	10°11'09	9♈11	28° 9	24°20	20°33	9°15	21°27	29°15	22°20	13°57	0°R19	1°44	28°43	n.a.	M16
T 17	6 37 7	11°11'11	21° 2	28°53	25°27	21°20	9°14	21°25	29°18	22°19	13°56	0°19	1°41	28°49	n.a.	T 17
W18	6 41 4	12°11'10	2♉53	29°28	26°33	22° 7	9°14	21°23	29°22	22°17	13°55	0°16	1°38	28°56	n.a.	W18
T 19	6 45 1	13°11'08	14°48	29°54	27°40	22°54	9°13	21°21	29°25	22°16	13°55	0°12	1°35	29° 3	n.a.	T 19
F 20	6 48 57	14°11'03	26°51	0♒11	28°46	23°41	9°13	21°19	29°29	22°14	13°54	0° 5	1°32	29° 9	n.a.	F 20
S 21	6 52 54	15°10'56	9♊ 5	0°R18	29°52	24°28	9°D13	21°17	29°32	22°13	13°54	29♒58	1°29	29°16	n.a.	S 21
S 22	6 56 50	16°10'46	21°33	0°17	0♓57	25°15	9°13	21°15	29°35	22°11	13°53	29°49	1°25	29°23	n.a.	S 22
M23	7 0 47	17°10'34	4♋15	0° 7	2° 3	26° 2	9°13	21°13	29°39	22°10	13°53	29°42	1°22	29°30	n.a.	M23
T 24	7 4 43	18°10'20	17°13	29♑48	3° 8	26°49	9°14	21°12	29°42	22° 8	13°52	29°35	1°19	29°36	n.a.	T 24
W25	7 8 40	19°10'04	0♌25	29°21	4°13	27°36	9°15	21°10	29°45	22° 7	13°52	29°30	1°16	29°43	n.a.	W25
T 26	7 12 36	20° 9'46	13°50	28°47	5°17	28°23	9°16	21° 9	29°49	22° 5	13°52	29°27	1°13	29°50	n.a.	T 26
F 27	7 16 33	21° 9'25	27°27	28° 7	6°22	29° 9	9°17	21° 8	29°52	22° 4	13°51	29°D25	1°10	29°56	n.a.	F 27
S 28	7 20 29	22° 9'03	11♍13	27°21	7°26	29°56	9°18	21° 6	29°55	22° 2	13°51	29°26	1° 6	0♉ 3	n.a.	S 28
S 29	7 24 26	23° 8'38	25° 7	26°30	8°29	0♑43	9°20	21° 5	29°58	22° 1	13°50	29°27	1° 3	0°10	n.a.	S 29
M30	7 28 23	24° 8'12	9♎ 9	25°37	9°33	1°30	9°22	21° 4	0♑ 2	22° 0	13°50	29°29	1° 0	0°16	n.a.	M30
T 31	7 32 19	25♑ 7'43	23♎16	24♑41	10♓36	2♑17	9♉24	21♉ 4	0♑ 5	21♊58	13♉50	29°R29	0♓57	0♉23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23 s50	5n13	1 s 9	25 s15	1 s28	19 s53	1 s 4	22 s56	0 s43	14n42	0 s23	17n38	1 s 6	24 s21	0 s26	23n32	0 s12	12n58	3 s36	11 s14	10 s47	14n31			n.a.
M 2	23 52	1 s24	2 18	25 3	1 21	19 31	1 1	23 4	0 44	14 41	0 23	17 37	1 6	24 21	0 26	23 32	0 11	12 58	3 36	11 14	10 48	14 34			n.a.
T 3	23 54	8 2	3 20	24 48	1 14	19 9	0 58	23 11	0 44	14 40	0 23	17 36	1 6	24 21	0 26	23 32	0 11	12 58	3 36	11 14	10 49	14 37			n.a.
W 4	23 55	14 22	4 11	24 31	1 5	18 47	0 54	23 19	0 45	14 39	0 22	17 36	1 6	24 22	0 26	23 32	0 11	12 57	3 36	11 15	10 50	14 40			n.a.
T 5	23 56	20 0	4 46	24 12	0 56	18 24	0 51	23 26	0 45	14 38	0 22	17 35	1 6	24 22	0 26	23 32	0 11	12 57	3 36	11 17	10 52	14 43			n.a.
F 6	23 56	24 30	5 2	23 51	0 46	18 1	0 47	23 33	0 46	14 38	0 22	17 34	1 6	24 22	0 26	23 32	0 11	12 57	3 36	11 20	10 53	14 46			n.a.
S 7	23 55	27 25	4 59	23 28	0 36	17 37	0 44	23 39	0 47	14 37	0 22	17 33	1 5	24 22	0 26	23 32	0 11	12 57	3 36	11 24	10 54	14 49			n.a.
S 8	23 55	28 27	4 37	23 4	0 24	17 13	0 40	23 46	0 47	14 36	0 22	17 33	1 5	24 22	0 26	23 32	0 11	12 57	3 36	11 27	10 55	14 52			n.a.
M 9	23 53	27 33	3 58	22 38	0 12	16 48	0 36	23 52	0 48	14 36	0 21	17 32	1 5	24 22	0 26	23 31	0 11	12 57	3 36	11 30	10 56	14 55			n.a.
T 10	23 52	24 55	3 5	22 12	0n 1	16 23	0 32	23 58	0 48	14 35	0 21	17 32	1 5	24 22	0 26	23 31	0 11	12 57	3 35	11 33	10 57	14 58			n.a.
W11	23 50	20 56	2 3	21 44	0 15	15 58	0 28	24 3	0 49	14 35	0 21	17 31	1 5	24 22	0 26	23 31	0 11	12 57	3 35	11 35	10 59	15 1			n.a.
T 12	23 47	16 1	0 55	21 17	0 29	15 33	0 24	24 8	0 49	14 34	0 21	17 30	1 4	24 22	0 26	23 31	0 11	12 57	3 35	11 36	11 0	15 4			n.a.
F 13	23 44	10 32	0n13	20 49	0 44	15 7	0 20	24 13	0 50	14 34	0 20	17 30	1 4	24 22	0 26	23 31	0 11	12 56	3 35	11 36	11 1	15 7			n.a.
S 14	23 40	4 47	1 19	20 22	0 59	14 41	0 16	24 18	0 51	14 34	0 20	17 29	1 4	24 22	0 26	23 31	0 11	12 56	3 35	11 36	11 2	15 9			n.a.
S 15	23 36	1n 0	2 20	19 55	1 14	14 14	0 11	24 22	0 51	14 34	0 20	17 29	1 4	24 22	0 26	23 31	0 11	12 56	3 35	11 35	11 3	15 12			n.a.
M16	23 32	6 40	3 14	19 29	1 30	13 47	0 7	24 27	0 52	14 33	0 20	17 28	1 4	24 22	0 26	23 31	0 11	12 56	3 35	11 35	11 4	15 15			n.a.
T 17	23 27	12 3	3 59	19 5	1 46	13 20	0 2	24 30	0 52	14 33	0 20	17 28	1 3	24 22	0 26	23 31	0 11	12 56	3 35	11 35	11 5	15 18			n.a.
W18	23 21	16 59	4 34	18 42	2 1	12 53	0n 2	24 34	0 53	14 33	0 19	17 28	1 3	24 22	0 26	23 31	0 11	12 56	3 34	11 36	11 7	15 21			n.a.
T 19	23 16	21 19	4 57	18 22	2 17	12 25	0 7	24 37	0 53	14 33	0 19	17 27	1 3	24 22	0 26	23 31	0 11	12 56	3 34	11 38	11 8	15 24			n.a.
F 20	23 9	24 49	5 7	18 3	2 32	11 58	0 12	24 40	0 54	14 34	0 19	17 27	1 3	24 22	0 26	23 31	0 11	12 56	3 34	11 40	11 9	15 27			n.a.
S 21	23 3	27 16	5 4	17 48	2 46	11 30	0 16	24 43	0 54	14 34	0 19	17 27	1 3	24 22	0 26	23 31	0 11	12 56	3 34	11 43	11 10	15 30			n.a.
S 22	22 56	28 25	4 46	17 35	3 0	11 2	0 21	24 45	0 55	14 34	0 19	17 26	1 2	24 22	0 26	23 30	0 11	12 56	3 34	11 46	11 11	15 33			n.a.
M23	22 48	28 6	4 14	17 25	3 12	10 33	0 26	24 47	0 55	14 34	0 18	17 26	1 2	24 22	0 26	23 30	0 11	12 56	3 34	11 49	11 12	15 36			n.a.
T 24	22 40	26 14	3 28	17 18	3 23	10 5	0 31	24 49	0 56	14 35	0 18	17 26	1 2	24 22	0 26	23 30	0 11	12 56	3 34	11 51	11 14	15 38			n.a.
W25	22 32	22 55	2 31	17 14	3 33	9 36	0 36	24 51	0 56	14 35	0 18	17 26	1 2	24 22	0 26	23 30	0 11	12 56	3 33	11 53	11 15	15 41			n.a.
T 26	22 23	18 21	1 24	17 13	3 41	9 7	0 41	24 52	0 57	14 36	0 18	17 25	1 2	24 22	0 26	23 30	0 11	12 56	3 33	11 54	11 16	15 44			n.a.
F 27	22 14	12 46	0 11	17 15	3 48	8 38	0 47	24 53	0 57	14 36	0 18	17 25	1 1	24 22	0 26	23 30	0 11	12 56	3 33	11 54	11 17	15 47			n.a.
S 28	22 4	6 32	1 s 4	17 19	3 53	8 9	0 52	24 54	0 58	14 37	0 17	17 25	1 1	24 22	0 26	23 30	0 11	12 56	3 33	11 54	11 18	15 50			n.a.
S 29	21 54	0 s 5	2 15	17 26	3 55	7 40	0 57	24 54	0 58	14 37	0 17	17 25	1 1	24 22	0 26	23 30	0 11	12 56	3 33	11 54	11 19	15 53			n.a.
M30	21 43	6 44	3 19	17 35	3 56	7 11	1 2	24 54	0 59	14 38	0 17	17 25	1 1	24 22	0 26	23 30	0 11	12 56	3 33	11 53	11 20	15 56			n.a.
T 31	21 s33	13 s 6	4 s12	17 s47	3n55	6 s42	1n 8	24 s54	0 s59	14n39	0 s17	17n25	1 s 1	24 s22	0 s27	23n30	0 s11	12n56	3 s33	11 s53	11 s22	15n59			n.a.

Julian Day Number = 979235.5, Delta T = 13h15m52s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'11, Lahiri = -31°58'10 Julian Calendar 1 Jan. 2032 BCE == Greg. Calendar 15 Dec. 2033 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

FEBRUARY 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 36 16	26♉ 7'13	7♏28	23°R45	11♓38	3♉ 4	9♉26	21°R 3	0♉ 8	21°R57	13°R50	29°R29	0♓54	0♉30	n.a.	W 1
T 2	7 40 12	27° 6'41	21°42	22♉49	12°41	3°51	9°28	21♉ 2	0°11	21♊56	13♉49	29♒27	0°50	0°37	n.a.	T 2
F 3	7 44 9	28° 6'07	5♐55	21°55	13°43	4°38	9°30	21° 2	0°14	21°54	13°49	29°24	0°47	0°43	n.a.	F 3
S 4	7 48 5	29° 5'31	20° 5	21° 3	14°44	5°25	9°33	21° 1	0°17	21°53	13°49	29°19	0°44	0°50	n.a.	S 4
S 5	7 52 2	0♒ 4'53	4♉ 7	20°15	15°46	6°11	9°36	21° 1	0°21	21°52	13°49	29°15	0°41	0°57	n.a.	S 5
M 6	7 55 58	1° 4'13	17°57	19°32	16°47	6°58	9°39	21° 1	0°24	21°51	13°49	29°10	0°38	1° 3	n.a.	M 6
T 7	7 59 55	2° 3'31	1♒32	18°53	17°47	7°45	9°42	21°D 1	0°27	21°49	13°48	29° 7	0°35	1°10	n.a.	T 7
W 8	8 3 52	3° 2'47	14°49	18°19	18°47	8°32	9°46	21° 1	0°30	21°48	13°48	29° 5	0°31	1°17	n.a.	W 8
T 9	8 7 48	4° 2'00	27°48	17°51	19°47	9°19	9°49	21° 1	0°33	21°47	13°48	29°D 4	0°28	1°24	n.a.	T 9
F 10	8 11 45	5° 1'11	10♓28	17°29	20°46	10° 5	9°53	21° 1	0°36	21°46	13°48	29° 5	0°25	1°30	n.a.	F 10
S 11	8 15 41	6° 0'19	22°51	17°12	21°45	10°52	9°57	21° 2	0°39	21°45	13°48	29° 6	0°22	1°37	n.a.	S 11
S 12	8 19 38	6°59'25	5♈ 0	17° 1	22°44	11°39	10° 1	21° 2	0°42	21°44	13°D48	29° 8	0°19	1°44	n.a.	S 12
M13	8 23 34	7°58'28	16°59	16°D57	23°41	12°25	10° 5	21° 3	0°45	21°43	13°48	29° 9	0°16	1°50	n.a.	M13
T 14	8 27 31	8°57'29	28°52	16°57	24°39	13°12	10°10	21° 3	0°48	21°42	13°48	29°10	0°12	1°57	n.a.	T 14
W15	8 31 27	9°56'28	10♉45	17° 4	25°36	13°58	10°14	21° 4	0°50	21°41	13°48	29°R11	0° 9	2° 4	n.a.	W15
T 16	8 35 24	10°55'24	22°40	17°15	26°32	14°45	10°19	21° 5	0°53	21°40	13°48	29°10	0° 6	2°10	n.a.	T 16
F 17	8 39 20	11°54'18	4♊44	17°32	27°28	15°31	10°24	21° 6	0°56	21°39	13°48	29° 9	0° 3	2°17	n.a.	F 17
S 18	8 43 17	12°53'09	17° 1	17°53	28°23	16°18	10°29	21° 7	0°59	21°38	13°48	29° 7	29♒59	2°24	n.a.	S 18
S 19	8 47 14	13°51'59	29°33	18°19	29°18	17° 4	10°35	21° 9	1° 2	21°37	13°49	29° 5	29°56	2°31	n.a.	S 19
M20	8 51 10	14°50'45	12♋24	18°50	0♈12	17°51	10°40	21°10	1° 4	21°36	13°49	29° 3	29°53	2°37	n.a.	M20
T 21	8 55 7	15°49'29	25°34	19°25	1° 5	18°37	10°46	21°11	1° 7	21°35	13°49	29° 1	29°50	2°44	n.a.	T 21
W22	8 59 3	16°48'11	9♌ 5	20° 4	1°58	19°24	10°51	21°13	1°10	21°34	13°49	29° 0	29°47	2°51	n.a.	W22
T 23	9 3 0	17°46'51	22°52	20°46	2°50	20°10	10°57	21°15	1°12	21°34	13°49	28°D59	29°44	2°57	n.a.	T 23
F 24	9 6 56	18°45'29	6♍55	21°32	3°41	20°56	11° 3	21°17	1°15	21°33	13°50	28°59	29°41	3° 4	n.a.	F 24
S 25	9 10 53	19°44'04	21° 9	22°22	4°32	21°43	11° 9	21°18	1°18	21°32	13°50	29° 0	29°37	3°11	n.a.	S 25
S 26	9 14 49	20°42'38	5♎30	23°14	5°22	22°29	11°16	21°20	1°20	21°31	13°50	29° 0	29°34	3°18	n.a.	S 26
M27	9 18 46	21°41'10	19°53	24°10	6°11	23°15	11°22	21°23	1°23	21°31	13°51	29° 1	29°31	3°24	n.a.	M27
T 28	9 22 42	22♒39'39	4♏14	25♉ 9	6♈59	24♉ 1	11♉29	21♉25	1♉25	21♊30	13♉51	29♒ 1	29♒28	3♉31	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21 s21	18 s49	4 s49	18 s 0	3n51	6 s13	1n13	24 s53	1 s 0	14n40	0 s17	17n25	1 s 0	24 s22	0 s27	23n30	0 s11	12n56	3 s32	11 s53	11 s23	16n 1		n.a.
T 2	21 10	23 31	5 9	18 14	3 46	5 44	1 19	24 52	1 0	14 41	0 17	17 25	1 0	24 22	0 27	23 30	0 11	12 56	3 32	11 54	11 24	16 4		n.a.
F 3	20 58	26 49	5 10	18 30	3 40	5 14	1 24	24 51	1 1	14 42	0 16	17 25	1 0	24 22	0 27	23 30	0 11	12 56	3 32	11 55	11 25	16 7		n.a.
S 4	20 46	28 24	4 52	18 46	3 31	4 45	1 30	24 50	1 1	14 43	0 16	17 25	1 0	24 22	0 27	23 30	0 11	12 56	3 32	11 57	11 26	16 10		n.a.
S 5	20 33	28 8	4 16	19 3	3 21	4 16	1 36	24 48	1 1	14 44	0 16	17 25	1 0	24 22	0 27	23 30	0 11	12 56	3 32	11 58	11 27	16 13		n.a.
M 6	20 20	26 6	3 26	19 20	3 10	3 46	1 41	24 46	1 2	14 45	0 16	17 25	0 59	24 22	0 27	23 29	0 11	12 57	3 32	12 0	11 28	16 16		n.a.
T 7	20 6	22 35	2 25	19 38	2 58	3 17	1 47	24 44	1 2	14 46	0 16	17 26	0 59	24 22	0 27	23 29	0 11	12 57	3 32	12 1	11 30	16 18		n.a.
W 8	19 53	17 57	1 17	19 55	2 45	2 48	1 53	24 42	1 3	14 48	0 15	17 26	0 59	24 22	0 27	23 29	0 11	12 57	3 32	12 2	11 31	16 21		n.a.
T 9	19 38	12 36	0 7	20 12	2 32	2 19	1 59	24 39	1 3	14 49	0 15	17 26	0 59	24 22	0 27	23 29	0 11	12 57	3 31	12 2	11 32	16 24		n.a.
F 10	19 24	6 50	1n 2	20 29	2 18	1 50	2 5	24 36	1 4	14 50	0 15	17 26	0 59	24 22	0 27	23 29	0 11	12 57	3 31	12 2	11 33	16 27		n.a.
S 11	19 9	0 57	2 7	20 45	2 4	1 21	2 10	24 32	1 4	14 52	0 15	17 27	0 58	24 22	0 27	23 29	0 11	12 57	3 31	12 1	11 34	16 30		n.a.
S 12	18 54	4n51	3 5	21 1	1 50	0 52	2 16	24 29	1 4	14 53	0 15	17 27	0 58	24 22	0 27	23 29	0 11	12 57	3 31	12 1	11 35	16 32		n.a.
M13	18 39	10 24	3 54	21 16	1 35	0 23	2 22	24 25	1 5	14 55	0 14	17 27	0 58	24 22	0 27	23 29	0 11	12 57	3 31	12 0	11 36	16 35		n.a.
T 14	18 23	15 31	4 32	21 30	1 21	0n 5	2 28	24 20	1 5	14 56	0 14	17 28	0 58	24 22	0 27	23 29	0 11	12 58	3 31	12 0	11 38	16 38		n.a.
W15	18 7	20 4	4 59	21 43	1 7	0 34	2 34	24 16	1 6	14 58	0 14	17 28	0 58	24 22	0 27	23 29	0 11	12 58	3 31	12 0	11 39	16 41		n.a.
T 16	17 51	23 51	5 13	21 55	0 53	1 2	2 40	24 11	1 6	15 0	0 14	17 29	0 57	24 22	0 27	23 29	0 11	12 58	3 30	12 0	11 40	16 44		n.a.
F 17	17 34	26 39	5 14	22 7	0 39	1 30	2 46	24 6	1 6	15 1	0 14	17 29	0 57	24 22	0 27	23 29	0 11	12 58	3 30	12 0	11 41	16 46		n.a.
S 18	17 17	28 15	5 0	22 17	0 25	1 58	2 52	24 1	1 7	15 3	0 14	17 30	0 57	24 22	0 27	23 29	0 11	12 58	3 30	12 1	11 42	16 49		n.a.
S 19	17 0	28 28	4 32	22 26	0 13	2 26	2 58	23 55	1 7	15 5	0 13	17 30	0 57	24 22	0 27	23 29	0 11	12 58	3 30	12 2	11 43	16 52		n.a.
M20	16 43	27 9	3 50	22 35	0 s 0	2 53	3 4	23 49	1 7	15 7	0 13	17 31	0 57	24 22	0 27	23 29	0 11	12 59	3 30	12 3	11 44	16 55		n.a.
T 21	16 25	24 19	2 54	22 42	0 12	3 20	3 10	23 43	1 8	15 9	0 13	17 31	0 56	24 22	0 27	23 29	0 11	12 59	3 30	12 3	11 46	16 57		n.a.
W22	16 7	20 5	1 48	22 47	0 24	3 47	3 16	23 37	1 8	15 11	0 13	17 32	0 56	24 22	0 27	23 29	0 11	12 59	3 30	12 4	11 47	17 0		n.a.
T 23	15 49	14 42	0 34	22 52	0 35	4 14	3 22	23 30	1 8	15 13	0 13	17 33	0 56	24 22	0 27	23 29	0 11	12 59	3 29	12 4	11 48	17 3		n.a.
F 24	15 31	8 28	0 s44	22 55	0 46	4 40	3 28	23 23	1 9	15 15	0 13	17 33	0 56	24 22	0 27	23 29	0 11	12 59	3 29	12 4	11 49	17 6		n.a.
S 25	15 12	1 45	2 0	22 57	0 56	5 6	3 34	23 16	1 9	15 17	0 12	17 34	0 56	24 22	0 27	23 29	0 11	13 0	3 29	12 4	11 50	17 8		n.a.
S 26	14 53	5 s 6	3 9	22 57	1 5	5 31	3 40	23 9	1 9	15 19	0 12	17 35	0 55	24 22	0 27	23 29	0 11	13 0	3 29	12 3	11 51	17 11		n.a.
M27	14 34	11 43	4 6	22 56	1 14	5 57	3 46	23 1	1 10	15 22	0 12	17 35	0 55	24 22	0 27	23 29	0 11	13 0	3 29	12 3	11 52	17 14		n.a.
T 28	14 s15	17 s41	4 s48	22 s54	1 s23	6n22	3n52	22 s53	1 s10	15n24	0 s12	17n36	0 s55	24 s22	0 s27	23n29	0 s11	13n 0	3 s29	12 s 3	11 s54	17n17		n.a.

Julian Day Number = 979266.5, Delta T = 13h15m50s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'06, Lahiri = -31°58'06 Julian Calendar 1 Feb. 2032 BCE == Greg. Calendar 15 Jan. 2032 BCE

The year -2031 astronomical counting style corresponds to year 2032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

MARCH 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 26 39	23♒38'08	18♏31	26♑11	7♈46	24♑47	11♉36	21♉27	1♑27	21°R29	13♉51	29°R 2	29♒25	3♉38	n.a.	W 1
T 2	9 30 36	24°36'34	2♐39	27°15	8°33	25°34	11°43	21°29	1°30	21♊29	13°52	29♒ 2	29°22	3°44	n.a.	T 2
F 3	9 34 32	25°34'59	16°38	28°22	9°19	26°20	11°50	21°32	1°32	21°28	13°52	29° 2	29°18	3°51	n.a.	F 3
S 4	9 38 29	26°33'22	0♑26	29°31	10° 3	27° 6	11°57	21°35	1°35	21°28	13°53	29° 1	29°15	3°58	n.a.	S 4
S 5	9 42 25	27°31'43	14° 2	0♒43	10°47	27°52	12° 4	21°37	1°37	21°27	13°53	29° 1	29°12	4° 5	n.a.	S 5
M 6	9 46 22	28°30'03	27°25	1°57	11°30	28°38	12°12	21°40	1°39	21°27	13°54	29° 1	29° 9	4°11	n.a.	M 6
T 7	9 50 18	29°28'21	10♒34	3°13	12°12	29°24	12°19	21°43	1°41	21°26	13°54	29°D 1	29° 6	4°18	n.a.	T 7
W 8	9 54 15	0♓26'36	23°29	4°32	12°53	0♒10	12°27	21°46	1°44	21°26	13°55	29°R 1	29° 2	4°25	n.a.	W 8
T 9	9 58 11	1°24'50	6♓10	5°52	13°32	0°55	12°35	21°49	1°46	21°26	13°55	29° 1	28°59	4°31	n.a.	T 9
F 10	10 2 8	2°23'02	18°39	7°15	14°11	1°41	12°43	21°52	1°48	21°25	13°56	29° 1	28°56	4°38	n.a.	F 10
S 11	10 6 4	3°21'11	0♈54	8°40	14°48	2°27	12°51	21°56	1°50	21°25	13°56	29° 0	28°53	4°45	n.a.	S 11
S 12	10 10 1	4°19'19	13° 0	10° 6	15°24	3°13	12°59	21°59	1°52	21°25	13°57	29° 0	28°50	4°52	n.a.	S 12
M13	10 13 58	5°17'25	24°58	11°35	15°59	3°58	13° 8	22° 3	1°54	21°24	13°58	28°59	28°47	4°58	n.a.	M13
T 14	10 17 54	6°15'28	6♉51	13° 5	16°32	4°44	13°16	22° 6	1°56	21°24	13°58	28°58	28°43	5° 5	n.a.	T 14
W15	10 21 51	7°13'30	18°43	14°38	17° 4	5°30	13°25	22°10	1°58	21°24	13°59	28°57	28°40	5°12	n.a.	W15
T 16	10 25 47	8°11'30	0♊38	16°12	17°35	6°15	13°34	22°14	1°59	21°24	14° 0	28°57	28°37	5°18	n.a.	T 16
F 17	10 29 44	9° 9'27	12°41	17°48	18° 4	7° 1	13°43	22°17	2° 1	21°24	14° 0	28°D57	28°34	5°25	n.a.	F 17
S 18	10 33 40	10° 7'23	24°56	19°26	18°31	7°46	13°52	22°21	2° 3	21°24	14° 1	28°57	28°31	5°32	n.a.	S 18
S 19	10 37 37	11° 5'17	7♋27	21° 6	18°57	8°32	14° 1	22°25	2° 5	21°24	14° 2	28°58	28°28	5°39	n.a.	S 19
M20	10 41 33	12° 3'08	20°19	22°48	19°21	9°17	14°10	22°30	2° 6	21°D24	14° 3	28°59	28°24	5°45	n.a.	M20
T 21	10 45 30	13° 0'58	3♌34	24°31	19°43	10° 2	14°19	22°34	2° 8	21°24	14° 4	29° 0	28°21	5°52	n.a.	T 21
W22	10 49 26	13°58'46	17°13	26°17	20° 4	10°48	14°29	22°38	2°10	21°24	14° 4	29° 1	28°18	5°59	n.a.	W22
T 23	10 53 23	14°56'32	1♍16	28° 4	20°22	11°33	14°38	22°42	2°11	21°24	14° 5	29°R 1	28°15	6° 5	n.a.	T 23
F 24	10 57 20	15°54'16	15°40	29°53	20°39	12°18	14°48	22°47	2°13	21°24	14° 6	29° 1	28°12	6°12	n.a.	F 24
S 25	11 1 16	16°51'58	0♎19	1♓45	20°54	13° 3	14°57	22°51	2°14	21°24	14° 7	28°59	28° 8	6°19	n.a.	S 25
S 26	11 5 13	17°49'39	15° 7	3°38	21° 6	13°48	15° 7	22°56	2°16	21°24	14° 8	28°57	28° 5	6°26	n.a.	S 26
M27	11 9 9	18°47'19	29°56	5°32	21°17	14°33	15°17	23° 1	2°17	21°25	14° 9	28°55	28° 2	6°32	n.a.	M27
T 28	11 13 6	19°44'57	14♏39	7°29	21°25	15°18	15°27	23° 6	2°18	21°25	14°10	28°52	27°59	6°39	n.a.	T 28
W29	11 17 2	20°42'34	29°11	9°28	21°32	16° 3	15°37	23°10	2°20	21°25	14°11	28°50	27°56	6°46	n.a.	W29
T 30	11 20 59	21°40'11	13♐25	11°28	21°36	16°48	15°47	23°15	2°21	21°26	14°12	28°49	27°53	6°52	n.a.	T 30
F 31	11 24 55	22♓37'46	27♐21	13♓30	21°R37	17♒33	15♉58	23♉20	2♑22	21♊26	14♉13	28°D49	27♒49	6♉59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	13s55	22s40	5s11	22s50	1s31	6n46	3n58	22s45	1s10	15n26	0s12	17n37	0s55	24s22	0s27	23n29	0s11	13n 1	3s29	12s 3	11s55	17n19			n.a.
T 2	13 35	26 17	5 16	22 45	1 39	7 10	4 3	22 37	1 10	15 28	0 12	17 38	0 55	24 22	0 27	23 29	0 10	13 1	3 28	12 3	11 56	17 22			n.a.
F 3	13 15	28 15	5 2	22 38	1 46	7 34	4 9	22 28	1 11	15 31	0 11	17 39	0 54	24 22	0 27	23 28	0 10	13 1	3 28	12 3	11 57	17 25			n.a.
S 4	12 55	28 26	4 31	22 29	1 52	7 57	4 15	22 20	1 11	15 33	0 11	17 39	0 54	24 22	0 27	23 28	0 10	13 1	3 28	12 3	11 58	17 28			n.a.
S 5	12 35	26 53	3 44	22 19	1 58	8 20	4 20	22 11	1 11	15 36	0 11	17 40	0 54	24 22	0 27	23 28	0 10	13 2	3 28	12 3	11 59	17 30			n.a.
M 6	12 14	23 49	2 46	22 8	2 3	8 42	4 26	22 1	1 11	15 38	0 11	17 41	0 54	24 22	0 27	23 28	0 10	13 2	3 28	12 3	12 0	17 33			n.a.
T 7	11 53	19 33	1 41	21 55	2 8	9 4	4 32	21 52	1 12	15 41	0 11	17 42	0 54	24 22	0 27	23 28	0 10	13 2	3 28	12 3	12 1	17 36			n.a.
W 8	11 32	14 27	0 31	21 40	2 12	9 25	4 37	21 42	1 12	15 43	0 11	17 43	0 53	24 22	0 27	23 28	0 10	13 2	3 28	12 3	12 3	17 38			n.a.
T 9	11 11	8 49	0n40	21 23	2 16	9 46	4 42	21 32	1 12	15 46	0 11	17 44	0 53	24 22	0 27	23 28	0 10	13 3	3 27	12 3	12 4	17 41			n.a.
F 10	10 50	2 57	1 47	21 5	2 19	10 6	4 48	21 22	1 12	15 48	0 10	17 45	0 53	24 22	0 27	23 28	0 10	13 3	3 27	12 3	12 5	17 44			n.a.
S 11	10 29	2n55	2 48	20 45	2 22	10 26	4 53	21 12	1 13	15 51	0 10	17 46	0 53	24 22	0 27	23 28	0 10	13 3	3 27	12 3	12 6	17 46			n.a.
S 12	10 7	8 36	3 40	20 23	2 24	10 45	4 58	21 1	1 13	15 54	0 10	17 47	0 53	24 22	0 27	23 28	0 10	13 4	3 27	12 4	12 7	17 49			n.a.
M13	9 46	13 55	4 23	19 59	2 25	11 3	5 3	20 50	1 13	15 57	0 10	17 49	0 52	24 22	0 27	23 28	0 10	13 4	3 27	12 4	12 8	17 52			n.a.
T 14	9 24	18 41	4 53	19 34	2 26	11 21	5 8	20 39	1 13	15 59	0 10	17 50	0 52	24 22	0 27	23 28	0 10	13 4	3 27	12 4	12 9	17 54			n.a.
W15	9 2	22 43	5 11	19 7	2 27	11 38	5 13	20 28	1 13	16 2	0 10	17 51	0 52	24 22	0 27	23 28	0 10	13 5	3 27	12 4	12 11	17 57			n.a.
T 16	8 40	25 51	5 16	18 38	2 27	11 54	5 17	20 17	1 14	16 5	0 9	17 52	0 52	24 22	0 27	23 28	0 10	13 5	3 27	12 5	12 12	18 0			n.a.
F 17	8 18	27 52	5 7	18 7	2 26	12 9	5 22	20 5	1 14	16 8	0 9	17 53	0 52	24 22	0 28	23 28	0 10	13 5	3 26	12 5	12 13	18 2			n.a.
S 18	7 56	28 34	4 45	17 35	2 25	12 24	5 26	19 53	1 14	16 11	0 9	17 54	0 52	24 22	0 28	23 28	0 10	13 6	3 26	12 4	12 14	18 5			n.a.
S 19	7 33	27 50	4 8	17 0	2 23	12 38	5 30	19 41	1 14	16 14	0 9	17 56	0 51	24 22	0 28	23 28	0 10	13 6	3 26	12 4	12 15	18 8			n.a.
M20	7 11	25 37	3 18	16 24	2 20	12 51	5 34	19 29	1 14	16 16	0 9	17 57	0 51	24 22	0 28	23 29	0 10	13 6	3 26	12 4	12 16	18 10			n.a.
T 21	6 48	21 57	2 16	15 46	2 17	13 3	5 37	19 17	1 14	16 19	0 9	17 58	0 51	24 22	0 28	23 29	0 10	13 7	3 26	12 3	12 17	18 13			n.a.
W22	6 26	17 1	1 5	15 6	2 14	13 14	5 41	19 5	1 15	16 22	0 9	17 59	0 51	24 22	0 28	23 29	0 10	13 7	3 26	12 3	12 18	18 16			n.a.
T 23	6 3	11 3	0s12	14 24	2 10	13 24	5 44	18 52	1 15	16 25	0 8	18 1	0 51	24 22	0 28	23 29	0 10	13 7	3 26	12 3	12 20	18 18			n.a.
F 24	5 40	4 23	1 31	13 41	2 5	13 33	5 47	18 39	1 15	16 28	0 8	18 2	0 50	24 22	0 28	23 29	0 10	13 8	3 25	12 3	12 21	18 21			n.a.
S 25	5 17	2s38	2 44	12 56	2 0	13 42	5 50	18 26	1 15	16 31	0 8	18 3	0 50	24 22	0 28	23 29	0 10	13 8	3 25	12 4	12 22	18 24			n.a.
S 26	4 54	9 33	3 47	12 9	1 54	13 49	5 52	18 13	1 15	16 35	0 8	18 5	0 50	24 22	0 28	23 29	0 10	13 9	3 25	12 4	12 23	18 26			n.a.
M27	4 31	15 57	4 35	11 20	1 48	13 55	5 54	18 0	1 15	16 38	0 8	18 6	0 50	24 22	0 28	23 29	0 10	13 9	3 25	12 5	12 24	18 29			n.a.
T 28	4 8	21 24	5 5	10 29	1 41	13 59	5 56	17 46	1 15	16 41	0 8	18 7	0 50	24 22	0 28	23 29	0 10	13 9	3 25	12 6	12 25	18 31			n.a.
W29	3 45	25 29	5 15	9 37	1 33	14 3	5 57	17 33	1 15	16 44	0 8	18 9	0 50	24 22	0 28	23 29	0 10	13 10	3 25	12 7	12 26	18 34			n.a.
T 30	3 22	27 55	5 4	8 43	1 26	14 5	5 58	17 19	1 15	16 47	0 8	18 10	0 49	24 22	0 28	23 29	0 10	13 10	3 25	12 7	12 27	18 37			n.a.
F 31	2s59	28s31	4s36	7s48	1s17	14n 7	5n59	17s 5	1s15	16n50	0s 7	18n12	0s49	24s22	0s28	23n29	0s10	13n11	3s25	12s 7	12s28	18n39			n.a.

Julian Day Number = 979294.5, Delta T = 13h15m48s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°05'03, Lahiri = -31°58'02 Julian Calendar 1 March 2032 BCE == Greg. Calendar 12 Feb. 2032 BCE

The year -2031 astronomical counting style corresponds to year 2032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

APRIL 2032 BCE (-2031) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 28 52	23♓35'19	10♑59	15♓34	21°R37	18♒18	16♉ 8	23♉25	2♑23	21♊26	14♉14	28♒50	27♒46	7♉ 6	n.a.	S 1
S 2	11 32 49	24°32'52	24°17	17°39	21♈34	19° 3	16°19	23°31	2°24	21°27	14°15	28°51	27°43	7°13	n.a.	S 2
M 3	11 36 45	25°30'24	7♒20	19°45	21°28	19°47	16°29	23°36	2°25	21°27	14°16	28°53	27°40	7°19	n.a.	M 3
T 4	11 40 42	26°27'54	20° 7	21°53	21°20	20°32	16°40	23°41	2°26	21°28	14°17	28°54	27°37	7°26	n.a.	T 4
W 5	11 44 38	27°25'23	2♓42	24° 2	21°10	21°16	16°50	23°47	2°27	21°28	14°18	28°R54	27°33	7°33	n.a.	W 5
T 6	11 48 35	28°22'51	15° 6	26°12	20°58	22° 1	17° 1	23°52	2°28	21°29	14°19	28°53	27°30	7°39	n.a.	T 6
F 7	11 52 31	29°20'18	27°20	28°23	20°43	22°45	17°12	23°58	2°29	21°29	14°20	28°50	27°27	7°46	n.a.	F 7
S 8	11 56 28	0♈17'44	9♈26	0♈34	20°25	23°30	17°23	24° 3	2°30	21°30	14°21	28°46	27°24	7°53	n.a.	S 8
S 9	12 0 24	1°15'08	21°25	2°45	20° 5	24°14	17°34	24° 9	2°31	21°31	14°23	28°41	27°21	8° 0	n.a.	S 9
M10	12 4 21	2°12'31	3♉20	4°56	19°44	24°59	17°45	24°15	2°31	21°31	14°24	28°35	27°18	8° 6	n.a.	M10
T 11	12 8 18	3° 9'53	15°12	7° 7	19°19	25°43	17°57	24°20	2°32	21°32	14°25	28°29	27°14	8°13	n.a.	T 11
W12	12 12 14	4° 7'14	27° 3	9°18	18°53	26°27	18° 8	24°26	2°33	21°33	14°26	28°24	27°11	8°20	n.a.	W12
T 13	12 16 11	5° 4'33	8♊58	11°27	18°25	27°11	18°19	24°32	2°33	21°33	14°27	28°20	27° 8	8°26	n.a.	T 13
F 14	12 20 7	6° 1'52	21° 0	13°35	17°55	27°55	18°31	24°38	2°34	21°34	14°28	28°17	27° 5	8°33	n.a.	F 14
S 15	12 24 4	6°59'09	3♋12	15°42	17°23	28°39	18°42	24°44	2°34	21°35	14°30	28°D16	27° 2	8°40	n.a.	S 15
S 16	12 28 0	7°56'24	15°40	17°47	16°50	29°23	18°54	24°50	2°35	21°36	14°31	28°16	26°59	8°47	n.a.	S 16
M17	12 31 57	8°53'39	28°28	19°51	16°16	0♓ 7	19° 5	24°56	2°35	21°37	14°32	28°17	26°55	8°53	n.a.	M17
T 18	12 35 53	9°50'52	11♌40	21°52	15°40	0°51	19°17	25° 3	2°35	21°38	14°33	28°18	26°52	9° 0	n.a.	T 18
W19	12 39 50	10°48'04	25°18	23°52	15° 3	1°35	19°29	25° 9	2°36	21°39	14°35	28°R19	26°49	9° 7	n.a.	W19
T 20	12 43 47	11°45'15	9♍25	25°49	14°26	2°18	19°41	25°15	2°36	21°40	14°36	28°19	26°46	9°13	n.a.	T 20
F 21	12 47 43	12°42'25	23°57	27°44	13°48	3° 2	19°52	25°22	2°36	21°41	14°37	28°16	26°43	9°20	n.a.	F 21
S 22	12 51 40	13°39'34	8♎51	29°37	13°11	3°46	20° 4	25°28	2°36	21°42	14°39	28°12	26°39	9°27	n.a.	S 22
S 23	12 55 36	14°36'43	23°58	1♏27	12°33	4°29	20°16	25°34	2°36	21°43	14°40	28° 6	26°36	9°34	n.a.	S 23
M24	12 59 33	15°33'51	9♏ 9	3°15	11°55	5°13	20°28	25°41	2°R36	21°44	14°41	28° 0	26°33	9°40	n.a.	M24
T 25	13 3 29	16°30'58	24°13	5° 0	11°18	5°56	20°40	25°48	2°36	21°45	14°43	27°53	26°30	9°47	n.a.	T 25
W26	13 7 26	17°28'05	9♐ 3	6°43	10°42	6°39	20°53	25°54	2°36	21°46	14°44	27°47	26°27	9°54	n.a.	W26
T 27	13 11 22	18°25'11	23°30	8°23	10° 7	7°23	21° 5	26° 1	2°36	21°47	14°45	27°42	26°24	10° 0	n.a.	T 27
F 28	13 15 19	19°22'18	7♑32	10° 0	9°33	8° 6	21°17	26° 8	2°36	21°49	14°47	27°40	26°20	10° 7	n.a.	F 28
S 29	13 19 16	20°19'24	21° 9	11°35	9° 0	8°49	21°29	26°14	2°36	21°50	14°48	27°D39	26°17	10°14	n.a.	S 29
S 30	13 23 12	21♈16'29	4♒22	13♉ 7	8♈29	9♓32	21♉42	26♉21	2♑36	21♊51	14♉50	27♒40	26♒14	10♉21	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s36	27s21	3s53	6s51	1s 9	14n 6	5n59	16s51	1s15	16n53	0s 7	18n13	0s49	24s22	0s28	23n29	0s10	13n11	3s25	12s 7	12s30	18n42		n.a.
S 2	2 13	24 38	2 59	5 53	1 0	14 5	5 58	16 37	1 16	16 57	0 7	18 15	0 49	24 22	0 28	23 29	0 10	13 12	3 24	12 7	12 31	18 44		n.a.
M 3	1 49	20 41	1 56	4 54	0 50	14 2	5 58	16 22	1 16	17 0	0 7	18 16	0 49	24 22	0 28	23 29	0 10	13 12	3 24	12 6	12 32	18 47		n.a.
T 4	1 26	15 50	0 48	3 54	0 40	13 58	5 56	16 8	1 16	17 3	0 7	18 18	0 49	24 22	0 28	23 29	0 10	13 12	3 24	12 6	12 33	18 49		n.a.
W 5	1 3	10 24	0n21	2 52	0 30	13 52	5 54	15 53	1 16	17 6	0 7	18 19	0 48	24 22	0 28	23 29	0 10	13 13	3 24	12 6	12 34	18 52		n.a.
T 6	0 39	4 39	1 28	1 50	0 20	13 45	5 52	15 39	1 16	17 9	0 7	18 21	0 48	24 22	0 28	23 29	0 10	13 13	3 24	12 6	12 35	18 55		n.a.
F 7	0 16	1n11	2 29	0 48	0 9	13 37	5 49	15 24	1 16	17 13	0 6	18 22	0 48	24 22	0 28	23 29	0 10	13 14	3 24	12 7	12 36	18 57		n.a.
S 8	0n 7	6 55	3 23	0n15	0n 1	13 27	5 45	15 9	1 16	17 16	0 6	18 24	0 48	24 23	0 28	23 29	0 10	13 14	3 24	12 8	12 37	19 0		n.a.
S 9	0 30	12 20	4 8	1 18	0 12	13 15	5 41	14 54	1 16	17 19	0 6	18 25	0 48	24 23	0 28	23 29	0 10	13 15	3 24	12 10	12 39	19 2		n.a.
M10	0 54	17 16	4 41	2 20	0 22	13 2	5 36	14 39	1 16	17 23	0 6	18 27	0 48	24 23	0 28	23 29	0 10	13 15	3 23	12 12	12 40	19 5		n.a.
T 11	1 17	21 32	5 2	3 23	0 33	12 48	5 31	14 24	1 16	17 26	0 6	18 28	0 48	24 23	0 28	23 29	0 10	13 15	3 23	12 14	12 41	19 7		n.a.
W12	1 40	24 56	5 10	4 24	0 43	12 32	5 25	14 8	1 16	17 29	0 6	18 30	0 47	24 23	0 28	23 30	0 10	13 16	3 23	12 16	12 42	19 10		n.a.
T 13	2 3	27 16	5 5	5 25	0 53	12 15	5 18	13 53	1 16	17 33	0 6	18 32	0 47	24 23	0 28	23 30	0 10	13 16	3 23	12 18	12 43	19 12		n.a.
F 14	2 27	28 23	4 47	6 25	1 2	11 56	5 11	13 37	1 16	17 36	0 6	18 33	0 47	24 23	0 28	23 30	0 10	13 17	3 23	12 19	12 44	19 15		n.a.
S 15	2 50	28 8	4 15	7 24	1 11	11 36	5 3	13 22	1 16	17 39	0 5	18 35	0 47	24 23	0 28	23 30	0 10	13 17	3 23	12 19	12 45	19 17		n.a.
S 16	3 13	26 28	3 31	8 21	1 20	11 15	4 54	13 6	1 16	17 43	0 5	18 37	0 47	24 23	0 28	23 30	0 10	13 18	3 23	12 19	12 46	19 20		n.a.
M17	3 36	23 25	2 35	9 16	1 28	10 53	4 45	12 50	1 15	17 46	0 5	18 38	0 47	24 23	0 28	23 30	0 10	13 18	3 23	12 19	12 47	19 22		n.a.
T 18	3 59	19 4	1 29	10 10	1 36	10 30	4 35	12 34	1 15	17 49	0 5	18 40	0 47	24 23	0 28	23 30	0 10	13 19	3 23	12 18	12 48	19 25		n.a.
W19	4 22	13 36	0 16	11 2	1 43	10 5	4 24	12 18	1 15	17 53	0 5	18 42	0 46	24 23	0 29	23 30	0 10	13 19	3 23	12 18	12 50	19 27		n.a.
T 20	4 44	7 17	1s 0	11 52	1 49	9 40	4 13	12 2	1 15	17 56	0 5	18 43	0 46	24 23	0 29	23 30	0 10	13 20	3 22	12 18	12 51	19 30		n.a.
F 21	5 7	0 24	2 14	12 40	1 55	9 15	4 1	11 46	1 15	18 0	0 5	18 45	0 46	24 23	0 29	23 30	0 10	13 20	3 22	12 19	12 52	19 32		n.a.
S 22	5 30	6s38	3 21	13 26	2 0	8 49	3 49	11 30	1 15	18 3	0 5	18 47	0 46	24 23	0 29	23 30	0 10	13 21	3 22	12 20	12 53	19 35		n.a.
S 23	5 52	13 25	4 15	14 10	2 5	8 22	3 37	11 13	1 15	18 6	0 4	18 48	0 46	24 23	0 29	23 30	0 10	13 21	3 22	12 22	12 54	19 37		n.a.
M24	6 15	19 25	4 51	14 51	2 9	7 55	3 24	10 57	1 15	18 10	0 4	18 50	0 46	24 23	0 29	23 30	0 9	13 22	3 22	12 25	12 55	19 40		n.a.
T 25	6 37	24 9	5 7	15 31	2 12	7 28	3 11	10 41	1 15	18 13	0 4	18 52	0 46	24 23	0 29	23 31	0 9	13 22	3 22	12 27	12 56	19 42		n.a.
W26	7 0	27 13	5 1	16 8	2 14	7 1	2 57	10 24	1 15	18 17	0 4	18 54	0 45	24 23	0 29	23 31	0 9	13 23	3 22	12 29	12 57	19 45		n.a.
T 27	7 22	28 22	4 37	16 43	2 16	6 35	2 43	10 8	1 15	18 20	0 4	18 55	0 45	24 23	0 29	23 31	0 9	13 23	3 22	12 31	12 58	19 47		n.a.
F 28	7 44	27 38	3 56	17 16	2 17	6 9	2 30	9 51	1 14	18 23	0 4	18 57	0 45	24 23	0 29	23 31	0 9	13 24	3 22	12 32	13 0	19 49		n.a.
S 29	8 6	25 15	3 3	17 47	2 17	5 43	2 16	9 34	1 14	18 27	0 4	18 59	0 45	24 23	0 29	23 31	0 9	13 24	3 22	12 32	13 1	19 52		n.a.
S 30	8n28	21s32	2s 2	18n16	2n17	5n17	2n 2	9s18	1s14	18n30	0s 4	19n 1	0s45	24s23	0s29	23n31	0s 9	13n25	3s21	12s32	13s 2	19n54		n.a.

Julian Day Number = 979325.5, Delta T = 13h15m46s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'58, Lahiri = -31°57'58 Julian Calendar 1 Apr. 2032 BCE == Greg. Calendar 15 March 2032 BCE

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

MAY 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 27 9	22♈13'35	17♒13	14♉37	8°R 0	10♓15	21♉54	26♉28	2°R35	21♊52	14♉51	27♒41	26♒11	10♉27	n.a.	M 1
T 2	13 31 5	23°10'40	29°48	16° 4	7♈33	10°58	22° 7	26°35	2♋35	21°54	14°52	27°R41	26° 8	10°34	n.a.	T 2
W 3	13 35 2	24° 7'45	12♓ 9	17°28	7° 8	11°41	22°19	26°42	2°35	21°55	14°54	27°40	26° 5	10°41	n.a.	W 3
T 4	13 38 58	25° 4'50	24°19	18°50	6°44	12°24	22°32	26°49	2°34	21°56	14°55	27°37	26° 1	10°47	n.a.	T 4
F 5	13 42 55	26° 1'55	6♈22	20° 8	6°23	13° 7	22°44	26°56	2°34	21°58	14°57	27°31	25°58	10°54	n.a.	F 5
S 6	13 46 52	26°58'59	18°19	21°24	6° 5	13°49	22°57	27° 3	2°33	21°59	14°58	27°23	25°55	11° 1	n.a.	S 6
S 7	13 50 48	27°56'04	0♉13	22°37	5°48	14°32	23°10	27°10	2°33	22° 1	15° 0	27°13	25°52	11° 8	n.a.	S 7
M 8	13 54 45	28°53'08	12° 5	23°48	5°34	15°14	23°22	27°17	2°32	22° 2	15° 1	27° 1	25°49	11°14	n.a.	M 8
T 9	13 58 41	29°50'11	23°57	24°55	5°23	15°57	23°35	27°24	2°31	22° 4	15° 3	26°50	25°45	11°21	n.a.	T 9
W10	14 2 38	0♉47'15	5♊50	25°59	5°13	16°39	23°48	27°32	2°30	22° 5	15° 4	26°39	25°42	11°28	n.a.	W10
T 11	14 6 34	1°44'18	17°46	27° 0	5° 6	17°22	24° 1	27°39	2°30	22° 7	15° 5	26°30	25°39	11°35	n.a.	T 11
F 12	14 10 31	2°41'22	29°49	27°58	5° 2	18° 4	24°13	27°46	2°29	22° 8	15° 7	26°23	25°36	11°41	n.a.	F 12
S 13	14 14 27	3°38'24	12♋ 2	28°52	5°D 0	18°46	24°26	27°54	2°28	22°10	15° 8	26°18	25°33	11°48	n.a.	S 13
S 14	14 18 24	4°35'27	24°28	29°43	5° 0	19°28	24°39	28° 1	2°27	22°11	15°10	26°16	25°30	11°55	n.a.	S 14
M15	14 22 21	5°32'29	7♌12	0♊30	5° 2	20°10	24°52	28° 8	2°26	22°13	15°11	26°D16	25°26	12° 1	n.a.	M15
T 16	14 26 17	6°29'31	20°18	1°14	5° 7	20°52	25° 5	28°16	2°25	22°15	15°13	26°R16	25°23	12° 8	n.a.	T 16
W17	14 30 14	7°26'33	3♍50	1°54	5°14	21°34	25°18	28°23	2°24	22°16	15°14	26°16	25°20	12°15	n.a.	W17
T 18	14 34 10	8°23'34	17°51	2°30	5°23	22°16	25°31	28°31	2°23	22°18	15°16	26°14	25°17	12°22	n.a.	T 18
F 19	14 38 7	9°20'36	2♎19	3° 2	5°34	22°58	25°44	28°38	2°22	22°20	15°17	26°11	25°14	12°28	n.a.	F 19
S 20	14 42 3	10°17'37	17°13	3°30	5°47	23°40	25°57	28°45	2°21	22°21	15°19	26° 4	25°10	12°35	n.a.	S 20
S 21	14 46 0	11°14'39	2♏24	3°54	6° 2	24°21	26°10	28°53	2°20	22°23	15°20	25°56	25° 7	12°42	n.a.	S 21
M22	14 49 57	12°11'41	17°44	4°13	6°19	25° 3	26°24	29° 1	2°18	22°25	15°22	25°46	25° 4	12°48	n.a.	M22
T 23	14 53 53	13° 8'43	3♐ 1	4°27	6°38	25°44	26°37	29° 8	2°17	22°27	15°23	25°36	25° 1	12°55	n.a.	T 23
W24	14 57 50	14° 5'46	18° 3	4°37	6°59	26°26	26°50	29°16	2°16	22°29	15°25	25°26	24°58	13° 2	n.a.	W24
T 25	15 1 46	15° 2'49	2♑43	4°43	7°22	27° 7	27° 3	29°23	2°14	22°30	15°27	25°19	24°55	13° 9	n.a.	T 25
F 26	15 5 43	15°59'53	16°54	4°R43	7°46	27°48	27°16	29°31	2°13	22°32	15°28	25°14	24°51	13°15	n.a.	F 26
S 27	15 9 39	16°56'57	0♒37	4°39	8°12	28°30	27°29	29°39	2°12	22°34	15°30	25°12	24°48	13°22	n.a.	S 27
S 28	15 13 36	17°54'03	13°51	4°30	8°39	29°11	27°43	29°46	2°10	22°36	15°31	25°11	24°45	13°29	n.a.	S 28
M29	15 17 33	18°51'09	26°41	4°17	9° 8	29°52	27°56	29°54	2° 9	22°38	15°33	25°11	24°42	13°36	n.a.	M29
T 30	15 21 29	19°48'15	9♓11	3°59	9°39	0♈33	28° 9	0♊ 2	2° 7	22°40	15°34	25°11	24°39	13°42	n.a.	T 30
W31	15 25 26	20♉45'23	21♓26	3♊36	10♈10	1♈14	28♉23	0♊ 9	2♋ 6	22♊42	15♉36	25♒ 9	24♒36	13♉49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	8n50	16s53	0s56	18n42	2n15	4n53	1n48	9s 1	1s14	18n33	0s 4	19n 2	0s45	24s23	0s29	23n31	0s 9	13n25	3s21	12s31	13s 3	19n57			n.a.
T 2	9 11	11 36	0n11	19 7	2 14	4 29	1 34	8 44	1 14	18 37	0 3	19 4	0 45	24 23	0 29	23 31	0 9	13 26	3 21	12 31	13 4	19 59			n.a.
W 3	9 33	5 58	1 17	19 29	2 11	4 6	1 20	8 27	1 14	18 40	0 3	19 6	0 44	24 23	0 29	23 31	0 9	13 26	3 21	12 32	13 5	20 2			n.a.
T 4	9 54	0 12	2 17	19 49	2 8	3 45	1 7	8 10	1 13	18 44	0 3	19 8	0 44	24 23	0 29	23 31	0 9	13 27	3 21	12 33	13 6	20 4			n.a.
F 5	10 15	5n30	3 11	20 7	2 4	3 24	0 53	7 54	1 13	18 47	0 3	19 9	0 44	24 23	0 29	23 32	0 9	13 27	3 21	12 35	13 7	20 6			n.a.
S 6	10 36	10 57	3 56	20 24	1 59	3 4	0 40	7 37	1 13	18 50	0 3	19 11	0 44	24 23	0 29	23 32	0 9	13 28	3 21	12 38	13 8	20 9			n.a.
S 7	10 57	15 59	4 30	20 38	1 54	2 46	0 27	7 20	1 13	18 54	0 3	19 13	0 44	24 23	0 29	23 32	0 9	13 28	3 21	12 41	13 9	20 11			n.a.
M 8	11 18	20 24	4 53	20 51	1 48	2 29	0 14	7 3	1 13	18 57	0 3	19 15	0 44	24 23	0 29	23 32	0 9	13 29	3 21	12 45	13 11	20 14			n.a.
T 9	11 39	24 1	5 2	21 1	1 41	2 13	0 2	6 46	1 12	19 1	0 3	19 16	0 44	24 23	0 29	23 32	0 9	13 29	3 21	12 49	13 12	20 16			n.a.
W10	11 59	26 37	4 59	21 10	1 34	1 58	0s10	6 29	1 12	19 4	0 2	19 18	0 44	24 23	0 29	23 32	0 9	13 30	3 21	12 53	13 13	20 18			n.a.
T 11	12 19	28 2	4 42	21 17	1 26	1 44	0 22	6 12	1 12	19 7	0 2	19 20	0 43	24 24	0 29	23 32	0 9	13 30	3 21	12 56	13 14	20 21			n.a.
F 12	12 39	28 9	4 13	21 22	1 17	1 32	0 33	5 55	1 12	19 11	0 2	19 22	0 43	24 24	0 29	23 32	0 9	13 31	3 21	12 59	13 15	20 23			n.a.
S 13	12 59	26 54	3 32	21 25	1 8	1 21	0 44	5 37	1 12	19 14	0 2	19 24	0 43	24 24	0 29	23 32	0 9	13 31	3 20	13 0	13 16	20 25			n.a.
S 14	13 19	24 18	2 40	21 27	0 58	1 12	0 54	5 20	1 11	19 17	0 2	19 25	0 43	24 24	0 29	23 33	0 9	13 32	3 20	13 1	13 17	20 28			n.a.
M15	13 38	20 27	1 39	21 27	0 47	1 3	1 5	5 3	1 11	19 21	0 2	19 27	0 43	24 24	0 29	23 33	0 9	13 32	3 20	13 1	13 18	20 30			n.a.
T 16	13 57	15 31	0 32	21 25	0 36	0 56	1 14	4 46	1 11	19 24	0 2	19 29	0 43	24 24	0 29	23 33	0 9	13 33	3 20	13 1	13 19	20 33			n.a.
W17	14 17	9 41	0s40	21 22	0 25	0 51	1 24	4 29	1 11	19 27	0 2	19 31	0 43	24 24	0 29	23 33	0 9	13 33	3 20	13 1	13 20	20 35			n.a.
T 18	14 35	3 11	1 52	21 17	0 12	0 46	1 33	4 12	1 10	19 30	0 2	19 33	0 43	24 24	0 29	23 33	0 9	13 34	3 20	13 2	13 21	20 37			n.a.
F 19	14 54	3s40	2 59	21 11	0s 1	0 43	1 41	3 55	1 10	19 34	0 1	19 34	0 43	24 24	0 29	23 33	0 9	13 34	3 20	13 3	13 23	20 40			n.a.
S 20	15 12	10 30	3 55	21 3	0 14	0 40	1 50	3 38	1 10	19 37	0 1	19 36	0 42	24 24	0 29	23 33	0 9	13 35	3 20	13 5	13 24	20 42			n.a.
S 21	15 31	16 52	4 36	20 54	0 28	0 39	1 58	3 21	1 9	19 40	0 1	19 38	0 42	24 24	0 29	23 33	0 9	13 35	3 20	13 8	13 25	20 44			n.a.
M22	15 48	22 13	4 58	20 44	0 42	0 39	2 5	3 4	1 9	19 44	0 1	19 40	0 42	24 24	0 29	23 33	0 9	13 36	3 20	13 11	13 26	20 46			n.a.
T 23	16 6	26 4	4 58	20 33	0 56	0 40	2 12	2 47	1 9	19 47	0 1	19 41	0 42	24 24	0 30	23 34	0 9	13 36	3 20	13 15	13 27	20 49			n.a.
W24	16 24	28 0	4 38	20 20	1 11	0 42	2 19	2 29	1 8	19 50	0 1	19 43	0 42	24 24	0 30	23 34	0 9	13 37	3 20	13 18	13 28	20 51			n.a.
T 25	16 41	27 54	4 0	20 6	1 26	0 45	2 26	2 12	1 8	19 53	0 1	19 45	0 42	24 24	0 30	23 34	0 9	13 37	3 20	13 21	13 29	20 53			n.a.
F 26	16 58	25 56	3 8	19 51	1 42	0 50	2 32	1 55	1 8	19 56	0 1	19 47	0 42	24 24	0 30	23 34	0 9	13 38	3 20	13 22	13 30	20 56			n.a.
S 27	17 14	22 29	2 6	19 35	1 57	0 55	2 37	1 38	1 7	20 0	0 1	19 49	0 42	24 24	0 30	23 34	0 9	13 38	3 20	13 23	13 31	20 58			n.a.
S 28	17 31	17 57	1 0	19 19	2 12	1 1	2 43	1 21	1 7	20 3	0 0	19 50	0 42	24 24	0 30	23 34	0 9	13 39	3 20	13 23	13 32	21 0			n.a.
M29	17 47	12 45	0n 8	19 1	2 27	1 8	2 48	1 4	1 7	20 6	0 0	19 52	0 42	24 24	0 30	23 34	0 9	13 39	3 19	13 23	13 33	21 2			n.a.
T 30	18 3	7 10	1 13	18 43	2 42	1 15	2 53	0 47	1 6	20 9	0 0	19 54	0 41	24 24	0 30	23 34	0 9	13 40	3 19	13 24	13 34	21 5			n.a.
W31	18n18	1s25	2n14	18n25	2s57	1n24	2s58	0s31	1s 6	20n12	0s 0	19n56	0s41	24s24	0s30	23n35	0s 9	13n40	3s19	13s24	13s36	21n 7			n.a.

Julian Day Number = 979355.5, Delta T = 13h15m44s
Ecliptic obliquity = 23°55'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'54, Lahiri = -31°57'54 Julian Calendar 1 May 2032 BCE == Greg. Calendar 14 Apr. 2032 BCE

The year -2031 astronomical counting style corresponds to year 2032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

JUNE 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 29 22	21♉42'31	3♈29	3°R10	10♈44	1♈54	28♉36	0♊17	2°R 4	22♊44	15♉37	25°R 4	24♒32	13♉56	n.a.	T 1
F 2	15 33 19	22°39'40	15°26	2♊40	11°18	2°35	28°49	0°25	2♋ 2	22°46	15°39	24♒57	24°29	14° 2	n.a.	F 2
S 3	15 37 15	23°36'50	27°18	2° 6	11°54	3°16	29° 2	0°32	2° 1	22°48	15°40	24°47	24°26	14° 9	n.a.	S 3
S 4	15 41 12	24°34'01	9♉ 9	1°30	12°31	3°56	29°16	0°40	1°59	22°50	15°42	24°35	24°23	14°16	n.a.	S 4
M 5	15 45 8	25°31'13	21° 1	0°51	13° 9	4°37	29°29	0°48	1°57	22°52	15°43	24°21	24°20	14°23	n.a.	M 5
T 6	15 49 5	26°28'25	2♊55	0°10	13°48	5°17	29°42	0°56	1°55	22°54	15°45	24° 7	24°16	14°29	n.a.	T 6
W 7	15 53 2	27°25'39	14°53	29♉29	14°28	5°58	29°56	1° 3	1°54	22°56	15°46	23°54	24°13	14°36	n.a.	W 7
T 8	15 56 58	28°22'53	26°55	28°47	15°10	6°38	0♊ 9	1°11	1°52	22°58	15°48	23°43	24°10	14°43	n.a.	T 8
F 9	16 0 55	29°20'08	9♋ 4	28° 5	15°52	7°18	0°22	1°19	1°50	23° 0	15°49	23°34	24° 7	14°49	n.a.	F 9
S 10	16 4 51	0♊17'23	21°23	27°25	16°35	7°58	0°36	1°27	1°48	23° 2	15°51	23°28	24° 4	14°56	n.a.	S 10
S 11	16 8 48	1°14'40	3♌52	26°46	17°19	8°38	0°49	1°34	1°46	23° 4	15°52	23°25	24° 1	15° 3	n.a.	S 11
M12	16 12 44	2°11'57	16°38	26°10	18° 5	9°18	1° 2	1°42	1°44	23° 6	15°54	23°24	23°57	15°10	n.a.	M12
T 13	16 16 41	3° 9'14	29°42	25°38	18°50	9°58	1°16	1°50	1°42	23° 8	15°55	23°24	23°54	15°16	n.a.	T 13
W14	16 20 38	4° 6'33	13♍ 8	25° 9	19°37	10°38	1°29	1°58	1°40	23°10	15°56	23°24	23°51	15°23	n.a.	W14
T 15	16 24 34	5° 3'52	27° 0	24°45	20°25	11°17	1°42	2° 5	1°38	23°13	15°58	23°22	23°48	15°30	n.a.	T 15
F 16	16 28 31	6° 1'11	11♎17	24°26	21°13	11°57	1°56	2°13	1°36	23°15	15°59	23°19	23°45	15°37	n.a.	F 16
S 17	16 32 27	6°58'32	25°59	24°12	22° 2	12°36	2° 9	2°21	1°34	23°17	16° 1	23°13	23°42	15°43	n.a.	S 17
S 18	16 36 24	7°55'54	11♏ 0	24° 4	22°52	13°16	2°22	2°29	1°32	23°19	16° 2	23° 4	23°38	15°50	n.a.	S 18
M19	16 40 20	8°53'17	26°13	24°D 2	23°42	13°55	2°36	2°36	1°30	23°21	16° 4	22°54	23°35	15°57	n.a.	M19
T 20	16 44 17	9°50'41	11♐26	24° 6	24°33	14°34	2°49	2°44	1°27	23°23	16° 5	22°44	23°32	16° 3	n.a.	T 20
W21	16 48 14	10°48'06	26°28	24°17	25°25	15°14	3° 2	2°52	1°25	23°26	16° 6	22°35	23°29	16°10	n.a.	W21
T 22	16 52 10	11°45'33	11♑12	24°35	26°18	15°53	3°15	3° 0	1°23	23°28	16° 8	22°28	23°26	16°17	n.a.	T 22
F 23	16 56 7	12°43'01	25°29	24°59	27°11	16°32	3°29	3° 7	1°21	23°30	16° 9	22°23	23°22	16°24	n.a.	F 23
S 24	17 0 3	13°40'30	9♒17	25°30	28° 4	17°11	3°42	3°15	1°19	23°32	16°11	22°20	23°19	16°30	n.a.	S 24
S 25	17 4 0	14°38'01	22°37	26° 8	28°58	17°49	3°55	3°23	1°16	23°34	16°12	22°D19	23°16	16°37	n.a.	S 25
M26	17 7 56	15°35'34	5♓30	26°52	29°53	18°28	4° 8	3°30	1°14	23°37	16°13	22°20	23°13	16°44	n.a.	M26
T 27	17 11 53	16°33'08	18° 2	27°42	0♉48	19° 7	4°22	3°38	1°12	23°39	16°15	22°R20	23°10	16°51	n.a.	T 27
W28	17 15 49	17°30'44	0♈16	28°39	1°44	19°45	4°35	3°46	1° 9	23°41	16°16	22°19	23° 7	16°57	n.a.	W28
T 29	17 19 46	18°28'22	12°19	29°43	2°40	20°24	4°48	3°53	1° 7	23°43	16°17	22°16	23° 3	17° 4	n.a.	T 29
F 30	17 23 43	19♊26'01	24♈13	0♊52	3♉37	21♈ 2	5♊ 1	4♊ 1	1♋ 5	23♊45	16♉19	22♒11	23♒ 0	17♉11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n34	4n16	3n 7	18n 6	3s10	1n33	3s 2	0s14	1s 6	20n15	0s 0	19n57	0s41	24s25	0s30	23n35	0s 9	13n41	3s19	13s26	13s37	21n 9		n.a.
F 2	18 49	9 45	3 52	17 48	3 24	1 43	3 6	0n 3	1 5	20 18	0n 0	19 59	0 41	24 25	0 30	23 35	0 9	13 41	3 19	13 28	13 38	21 12		n.a.
S 3	19 3	14 51	4 26	17 29	3 36	1 54	3 9	0 20	1 5	20 21	0 0	20 1	0 41	24 25	0 30	23 35	0 9	13 42	3 19	13 32	13 39	21 14		n.a.
S 4	19 18	19 23	4 49	17 10	3 47	2 5	3 13	0 37	1 5	20 24	0 0	20 3	0 41	24 25	0 30	23 35	0 9	13 42	3 19	13 36	13 40	21 16		n.a.
M 5	19 32	23 10	4 59	16 53	3 57	2 18	3 16	0 54	1 4	20 28	0 0	20 4	0 41	24 25	0 30	23 35	0 9	13 43	3 19	13 40	13 41	21 18		n.a.
T 6	19 46	26 0	4 56	16 35	4 6	2 30	3 19	1 10	1 4	20 31	0 0	20 6	0 41	24 25	0 30	23 35	0 9	13 43	3 19	13 45	13 42	21 20		n.a.
W 7	19 59	27 41	4 40	16 19	4 14	2 44	3 22	1 27	1 3	20 34	0 1	20 8	0 41	24 25	0 30	23 35	0 9	13 43	3 19	13 50	13 43	21 23		n.a.
T 8	20 12	28 5	4 11	16 4	4 20	2 58	3 24	1 44	1 3	20 37	0 1	20 9	0 41	24 25	0 30	23 36	0 9	13 44	3 19	13 53	13 44	21 25		n.a.
F 9	20 25	27 7	3 31	15 51	4 24	3 12	3 26	2 0	1 2	20 40	0 1	20 11	0 40	24 25	0 30	23 36	0 9	13 44	3 19	13 56	13 45	21 27		n.a.
S 10	20 38	24 50	2 40	15 39	4 27	3 27	3 28	2 17	1 2	20 42	0 1	20 13	0 40	24 25	0 30	23 36	0 9	13 45	3 19	13 58	13 46	21 29		n.a.
S 11	20 50	21 19	1 41	15 29	4 28	3 43	3 30	2 33	1 2	20 45	0 1	20 14	0 40	24 25	0 30	23 36	0 9	13 45	3 19	13 59	13 47	21 31		n.a.
M12	21 2	16 44	0 36	15 22	4 27	3 59	3 32	2 50	1 1	20 48	0 1	20 16	0 40	24 25	0 30	23 36	0 9	13 46	3 19	14 0	13 48	21 34		n.a.
T 13	21 13	11 18	0s33	15 16	4 25	4 15	3 33	3 6	1 1	20 51	0 1	20 18	0 40	24 25	0 30	23 36	0 9	13 46	3 19	14 0	13 50	21 36		n.a.
W14	21 24	5 11	1 42	15 13	4 21	4 32	3 34	3 22	1 0	20 54	0 1	20 19	0 40	24 25	0 30	23 36	0 9	13 47	3 19	14 0	13 51	21 38		n.a.
T 15	21 35	1s20	2 48	15 12	4 16	4 49	3 35	3 38	1 0	20 57	0 1	20 21	0 40	24 25	0 30	23 36	0 9	13 47	3 19	14 0	13 52	21 40		n.a.
F 16	21 45	7 59	3 45	15 14	4 9	5 7	3 36	3 55	0 59	21 0	0 2	20 23	0 40	24 25	0 30	23 37	0 9	13 48	3 19	14 1	13 53	21 42		n.a.
S 17	21 55	14 23	4 28	15 19	4 1	5 25	3 36	4 11	0 59	21 3	0 2	20 24	0 40	24 25	0 30	23 37	0 9	13 48	3 19	14 3	13 54	21 45		n.a.
S 18	22 5	20 5	4 55	15 26	3 52	5 43	3 37	4 27	0 58	21 5	0 2	20 26	0 40	24 25	0 30	23 37	0 9	13 48	3 19	14 6	13 55	21 47		n.a.
M19	22 14	24 34	5 1	15 35	3 41	6 2	3 37	4 43	0 58	21 8	0 2	20 28	0 40	24 25	0 30	23 37	0 9	13 49	3 19	14 10	13 56	21 49		n.a.
T 20	22 23	27 19	4 46	15 48	3 30	6 21	3 37	4 59	0 57	21 11	0 2	20 29	0 40	24 25	0 30	23 37	0 9	13 49	3 19	14 13	13 57	21 51		n.a.
W21	22 31	28 3	4 11	16 2	3 18	6 40	3 37	5 15	0 57	21 14	0 2	20 31	0 39	24 25	0 30	23 37	0 9	13 50	3 19	14 16	13 58	21 53		n.a.
T 22	22 39	26 46	3 20	16 19	3 5	7 0	3 36	5 30	0 56	21 16	0 2	20 32	0 39	24 26	0 30	23 37	0 9	13 50	3 19	14 19	13 59	21 55		n.a.
F 23	22 47	23 44	2 17	16 38	2 51	7 20	3 36	5 46	0 56	21 19	0 2	20 34	0 39	24 26	0 30	23 37	0 9	13 51	3 19	14 20	14 0	21 57		n.a.
S 24	22 54	19 24	1 9	16 59	2 37	7 40	3 35	6 2	0 55	21 22	0 2	20 36	0 39	24 26	0 30	23 38	0 9	13 51	3 19	14 21	14 1	22 0		n.a.
S 25	23 1	14 14	0n 2	17 22	2 23	8 0	3 34	6 17	0 55	21 24	0 3	20 37	0 39	24 26	0 30	23 38	0 9	13 51	3 19	14 21	14 2	22 2		n.a.
M26	23 8	8 36	1 10	17 47	2 8	8 20	3 33	6 33	0 54	21 27	0 3	20 39	0 39	24 26	0 30	23 38	0 8	13 52	3 18	14 21	14 3	22 4		n.a.
T 27	23 14	2 48	2 12	18 13	1 53	8 41	3 32	6 48	0 54	21 30	0 3	20 40	0 39	24 26	0 30	23 38	0 8	13 52	3 18	14 21	14 4	22 6		n.a.
W28	23 20	2n58	3 7	18 41	1 38	9 1	3 31	7 4	0 53	21 32	0 3	20 42	0 39	24 26	0 30	23 38	0 8	13 53	3 18	14 21	14 6	22 8		n.a.
T 29	23 25	8 32	3 53	19 9	1 23	9 22	3 30	7 19	0 53	21 35	0 3	20 43	0 39	24 26	0 30	23 38	0 8	13 53	3 18	14 22	14 7	22 10		n.a.
F 30	23n30	13n43	4n28	19n39	1s 8	9n43	3s28	7n34	0s52	21n37	0n 3	20n45	0s39	24s26	0s30	23n38	0s 8	13n53	3s18	14s24	14s 8	22n12		n.a.

Julian Day Number = 979386.5, Delta T = 13h15m42s
Ecliptic obliquity = 23°55'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'50, Lahiri = -31°57'50 Julian Calendar 1 June 2032 BCE == Greg. Calendar 15 May 2032 BCE

The year -2031 astronomical counting style corresponds to year 2032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

JULY 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 27 39	20♊23'43	6♉ 5	2♊ 7	4♉34	21♈40	5♊14	4♊ 8	1°R 2	23♊48	16♉20	22°R 4	22♒57	17♉17	n.a.	S 1
S 2	17 31 36	21°21'26	17°56	3°27	5°32	22°18	5°27	4°16	1♑ 0	23°50	16°21	21♒54	22°54	17°24	n.a.	S 2
M 3	17 35 32	22°19'10	29°50	4°53	6°30	22°56	5°40	4°24	0°58	23°52	16°23	21°43	22°51	17°31	n.a.	M 3
T 4	17 39 29	23°16'57	11♊49	6°24	7°29	23°34	5°53	4°31	0°55	23°54	16°24	21°32	22°48	17°38	n.a.	T 4
W 5	17 43 25	24°14'45	23°55	7°59	8°28	24°12	6° 6	4°39	0°53	23°57	16°25	21°22	22°44	17°44	n.a.	W 5
T 6	17 47 22	25°12'35	6♋ 7	9°38	9°27	24°50	6°19	4°46	0°51	23°59	16°26	21°13	22°41	17°51	n.a.	T 6
F 7	17 51 18	26°10'26	18°29	11°21	10°27	25°28	6°32	4°53	0°48	24° 1	16°27	21° 6	22°38	17°58	n.a.	F 7
S 8	17 55 15	27° 8'19	1♌ 0	13° 8	11°27	26° 5	6°45	5° 1	0°46	24° 3	16°29	21° 2	22°35	18° 4	n.a.	S 8
S 9	17 59 12	28° 6'14	13°41	14°57	12°27	26°43	6°58	5° 8	0°43	24° 5	16°30	21° 0	22°32	18°11	n.a.	S 9
M10	18 3 8	29° 4'10	26°36	16°49	13°28	27°20	7°11	5°16	0°41	24° 8	16°31	20°D59	22°28	18°18	n.a.	M10
T 11	18 7 5	0♍ 2'07	9♍47	18°42	14°29	27°57	7°24	5°23	0°39	24°10	16°32	21° 0	22°25	18°25	n.a.	T 11
W12	18 11 1	1° 0'06	23°14	20°38	15°31	28°34	7°36	5°30	0°36	24°12	16°33	21° 1	22°22	18°31	n.a.	W12
T 13	18 14 58	1°58'06	7♎ 1	22°34	16°32	29°11	7°49	5°37	0°34	24°14	16°35	21°R 1	22°19	18°38	n.a.	T 13
F 14	18 18 54	2°56'08	21° 8	24°32	17°34	29°48	8° 2	5°45	0°32	24°17	16°36	21° 0	22°16	18°45	n.a.	F 14
S 15	18 22 51	3°54'12	5♏34	26°30	18°37	0♉25	8°14	5°52	0°29	24°19	16°37	20°57	22°13	18°52	n.a.	S 15
S 16	18 26 47	4°52'17	20°16	28°28	19°40	1° 1	8°27	5°59	0°27	24°21	16°38	20°51	22° 9	18°58	n.a.	S 16
M17	18 30 44	5°50'24	5♐ 7	0♋27	20°42	1°38	8°39	6° 6	0°24	24°23	16°39	20°45	22° 6	19° 5	n.a.	M17
T 18	18 34 41	6°48'33	20° 1	2°25	21°46	2°14	8°52	6°13	0°22	24°25	16°40	20°38	22° 3	19°12	n.a.	T 18
W19	18 38 37	7°46'43	4♑49	4°22	22°49	2°51	9° 4	6°20	0°20	24°27	16°41	20°32	22° 0	19°18	n.a.	W19
T 20	18 42 34	8°44'56	19°22	6°20	23°53	3°27	9°17	6°27	0°17	24°30	16°42	20°27	21°57	19°25	n.a.	T 20
F 21	18 46 30	9°43'10	3♒35	8°16	24°57	4° 3	9°29	6°34	0°15	24°32	16°43	20°24	21°54	19°32	n.a.	F 21
S 22	18 50 27	10°41'27	17°23	10°12	26° 2	4°39	9°42	6°41	0°13	24°34	16°44	20°D23	21°50	19°39	n.a.	S 22
S 23	18 54 23	11°39'45	0♓45	12° 6	27° 6	5°15	9°54	6°48	0°10	24°36	16°45	20°23	21°47	19°45	n.a.	S 23
M24	18 58 20	12°38'06	13°42	14° 0	28°11	5°51	10° 6	6°55	0° 8	24°38	16°46	20°25	21°44	19°52	n.a.	M24
T 25	19 2 16	13°36'29	26°17	15°53	29°16	6°26	10°18	7° 1	0° 6	24°40	16°47	20°26	21°41	19°59	n.a.	T 25
W26	19 6 13	14°34'54	8♈34	17°45	0♊22	7° 2	10°30	7° 8	0° 3	24°43	16°48	20°27	21°38	20° 6	n.a.	W26
T 27	19 10 10	15°33'22	20°39	19°36	1°27	7°37	10°42	7°15	0° 1	24°45	16°49	20°R27	21°34	20°12	n.a.	T 27
F 28	19 14 6	16°31'52	2♉35	21°25	2°33	8°12	10°54	7°21	29♐59	24°47	16°50	20°26	21°31	20°19	n.a.	F 28
S 29	19 18 3	17°30'24	14°27	23°14	3°39	8°48	11° 6	7°28	29°56	24°49	16°50	20°23	21°28	20°26	n.a.	S 29
S 30	19 21 59	18°28'59	26°20	25° 1	4°46	9°23	11°18	7°35	29°54	24°51	16°51	20°19	21°25	20°32	n.a.	S 30
M31	19 25 56	19♋27'36	8♊17	26♋48	5♊52	9♉57	11♊30	7♊41	29♐52	24♊53	16♉52	20♒14	21♒22	20♉39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n34	18n23	4n52	20n 8	0s53	10n 4	3s27	7n49	0s51	21n40	0n 3	20n46	0s39	24s26	0s30	23n38	0s 8	13n54	3s18	14s26	14s 9	22n14		n.a.
S 2	23 38	22 21	5 3	20 38	0 39	10 25	3 25	8 4	0 51	21 42	0 3	20 48	0 39	24 26	0 30	23 39	0 8	13 54	3 18	14 30	14 10	22 16		n.a.
M 3	23 42	25 25	5 0	21 8	0 25	10 46	3 23	8 19	0 50	21 45	0 3	20 49	0 39	24 26	0 30	23 39	0 8	13 55	3 18	14 33	14 11	22 18		n.a.
T 4	23 45	27 22	4 45	21 38	0 11	11 7	3 21	8 34	0 50	21 47	0 4	20 51	0 39	24 26	0 30	23 39	0 8	13 55	3 18	14 37	14 12	22 20		n.a.
W 5	23 48	28 3	4 17	22 7	0n 2	11 28	3 19	8 49	0 49	21 50	0 4	20 52	0 38	24 26	0 30	23 39	0 8	13 55	3 18	14 40	14 13	22 22		n.a.
T 6	23 50	27 23	3 36	22 35	0 14	11 50	3 17	9 3	0 49	21 52	0 4	20 54	0 38	24 26	0 30	23 39	0 8	13 56	3 18	14 43	14 14	22 24		n.a.
F 7	23 52	25 21	2 45	23 2	0 26	12 11	3 15	9 18	0 48	21 54	0 4	20 55	0 38	24 26	0 30	23 39	0 8	13 56	3 18	14 45	14 15	22 27		n.a.
S 8	23 54	22 3	1 45	23 27	0 37	12 32	3 12	9 32	0 47	21 57	0 4	20 57	0 38	24 26	0 30	23 39	0 8	13 56	3 18	14 47	14 16	22 29		n.a.
S 9	23 55	17 41	0 39	23 51	0 47	12 53	3 10	9 47	0 47	21 59	0 4	20 58	0 38	24 26	0 30	23 39	0 8	13 57	3 18	14 47	14 17	22 31		n.a.
M10	23 56	12 26	0s30	24 12	0 57	13 14	3 7	10 1	0 46	22 1	0 4	20 59	0 38	24 26	0 30	23 39	0 8	13 57	3 18	14 48	14 18	22 33		n.a.
T 11	23 56	6 32	1 39	24 31	1 5	13 34	3 5	10 15	0 45	22 4	0 4	21 1	0 38	24 26	0 30	23 40	0 8	13 57	3 18	14 47	14 19	22 35		n.a.
W12	23 55	0 14	2 45	24 48	1 13	13 55	3 2	10 29	0 45	22 6	0 4	21 2	0 38	24 26	0 30	23 40	0 8	13 58	3 18	14 47	14 20	22 37		n.a.
T 13	23 55	6s13	3 42	25 3	1 20	14 16	2 59	10 43	0 44	22 8	0 5	21 4	0 38	24 26	0 30	23 40	0 8	13 58	3 18	14 47	14 21	22 39		n.a.
F 14	23 54	12 31	4 27	25 15	1 26	14 36	2 56	10 57	0 43	22 10	0 5	21 5	0 38	24 26	0 30	23 40	0 8	13 58	3 18	14 47	14 22	22 41		n.a.
S 15	23 52	18 18	4 57	25 25	1 32	14 57	2 53	11 11	0 43	22 13	0 5	21 6	0 38	24 26	0 30	23 40	0 8	13 59	3 18	14 48	14 23	22 43		n.a.
S 16	23 50	23 6	5 8	25 32	1 36	15 17	2 50	11 25	0 42	22 15	0 5	21 8	0 38	24 26	0 30	23 40	0 8	13 59	3 18	14 50	14 25	22 45		n.a.
M17	23 48	26 29	4 58	25 36	1 40	15 37	2 47	11 38	0 41	22 17	0 5	21 9	0 38	24 26	0 30	23 40	0 8	13 59	3 18	14 52	14 26	22 47		n.a.
T 18	23 45	28 1	4 29	25 38	1 43	15 56	2 44	11 52	0 41	22 19	0 5	21 10	0 38	24 26	0 30	23 40	0 8	14 0	3 18	14 54	14 27	22 49		n.a.
W19	23 42	27 31	3 41	25 37	1 45	16 16	2 41	12 5	0 40	22 21	0 5	21 11	0 38	24 26	0 30	23 40	0 8	14 0	3 18	14 56	14 28	22 51		n.a.
T 20	23 38	25 8	2 40	25 33	1 47	16 35	2 37	12 18	0 39	22 23	0 5	21 13	0 38	24 26	0 30	23 41	0 8	14 0	3 18	14 58	14 29	22 52		n.a.
F 21	23 34	21 12	1 30	25 28	1 48	16 54	2 34	12 31	0 39	22 25	0 6	21 14	0 38	24 26	0 30	23 41	0 8	14 1	3 18	14 59	14 30	22 54		n.a.
S 22	23 29	16 12	0 16	25 20	1 48	17 13	2 31	12 44	0 38	22 27	0 6	21 15	0 37	24 26	0 30	23 41	0 8	14 1	3 18	14 59	14 31	22 56		n.a.
S 23	23 24	10 34	0n56	25 10	1 48	17 32	2 27	12 57	0 37	22 29	0 6	21 16	0 37	24 26	0 30	23 41	0 8	14 1	3 18	14 59	14 32	22 58		n.a.
M24	23 19	4 39	2 3	24 57	1 47	17 50	2 24	13 10	0 36	22 31	0 6	21 18	0 37	24 26	0 30	23 41	0 8	14 1	3 18	14 59	14 33	23 0		n.a.
T 25	23 13	1n17	3 3	24 43	1 46	18 8	2 20	13 23	0 36	22 33	0 6	21 19	0 37	24 26	0 30	23 41	0 8	14 2	3 18	14 58	14 34	23 2		n.a.
W26	23 7	7 1	3 52	24 27	1 44	18 25	2 16	13 35	0 35	22 35	0 6	21 20	0 37	24 26	0 30	23 41	0 8	14 2	3 18	14 58	14 35	23 4		n.a.
T 27	23 0	12 23	4 31	24 9	1 42	18 43	2 13	13 48	0 34	22 37	0 6	21 21	0 37	24 26	0 30	23 41	0 8	14 2	3 18	14 58	14 36	23 6		n.a.
F 28	22 53	17 14	4 57	23 49	1 39	19 0	2 9	14 0	0 33	22 39	0 6	21 22	0 37	24 26	0 30	23 41	0 8	14 2	3 18	14 58	14 37	23 8		n.a.
S 29	22 45	21 25	5 10	23 27	1 36	19 16	2 5	14 12	0 33	22 40	0 6	21 24	0 37	24 26	0 30	23 41	0 8	14 3	3 18	14 59	14 38	23 10		n.a.
S 30	22 37	24 44	5 10	23 5	1 32	19 32	2 1	14 25	0 32	22 42	0 7	21 25	0 37	24 26	0 30	23 42	0 8	14 3	3 18	15 1	14 39	23 12		n.a.
M31	22n29	27n 1	4n56	22n40	1n28	19n48	1s58	14n37	0s31	22n44	0n 7	21n26	0s37	24s26	0s30	23n42	0s 8	14n 3	3s18	15s 2	14s40	23n14		n.a.

Julian Day Number = 979416.5, Delta T = 13h15m40s
Ecliptic obliquity = 23°55'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'46, Lahiri = -31°57'46 Julian Calendar 1 July 2032 BCE == Greg. Calendar 14 June 2032 BCE

The year -2031 astronomical counting style corresponds to year 2032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

AUGUST 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 29 52	20♋26'15	20♊22	28♋33	6♊59	10♉32	11♊42	7♊48	29°R50	24♊55	16♉53	20°R 9	21♒19	20♉46	n.a.	T 1
W 2	19 33 49	21°24'57	2♋36	0♌17	8° 6	11° 7	11°53	7°54	29♐48	24°57	16°54	20♒ 4	21°15	20°53	n.a.	W 2
T 3	19 37 45	22°23'41	15° 1	2° 0	9°13	11°41	12° 5	8° 0	29°45	24°59	16°54	20° 0	21°12	20°59	n.a.	T 3
F 4	19 41 42	23°22'27	27°38	3°42	10°20	12°15	12°17	8° 6	29°43	25° 1	16°55	19°57	21° 9	21° 6	n.a.	F 4
S 5	19 45 38	24°21'15	10♌28	5°24	11°28	12°50	12°28	8°13	29°41	25° 3	16°56	19°55	21° 6	21°13	n.a.	S 5
S 6	19 49 35	25°20'05	23°30	7° 4	12°35	13°24	12°39	8°19	29°39	25° 5	16°56	19°D55	21° 3	21°20	n.a.	S 6
M 7	19 53 32	26°18'57	6♍45	8°43	13°43	13°57	12°51	8°25	29°37	25° 7	16°57	19°55	21° 0	21°26	n.a.	M 7
T 8	19 57 28	27°17'51	20°12	10°21	14°51	14°31	13° 2	8°31	29°35	25° 9	16°58	19°57	20°56	21°33	n.a.	T 8
W 9	20 1 25	28°16'47	3♎52	11°58	16° 0	15° 5	13°13	8°37	29°33	25°11	16°58	19°58	20°53	21°40	n.a.	W 9
T 10	20 5 21	29°15'45	17°44	13°34	17° 8	15°38	13°24	8°43	29°31	25°13	16°59	19°59	20°50	21°46	n.a.	T 10
F 11	20 9 18	0♌14'45	1♏47	15° 9	18°17	16°11	13°35	8°48	29°29	25°15	17° 0	20°R 0	20°47	21°53	n.a.	F 11
S 12	20 13 14	1°13'47	16° 2	16°44	19°25	16°44	13°46	8°54	29°27	25°17	17° 0	19°59	20°44	22° 0	n.a.	S 12
S 13	20 17 11	2°12'51	0♐24	18°17	20°34	17°17	13°57	9° 0	29°25	25°19	17° 1	19°58	20°40	22° 7	n.a.	S 13
M14	20 21 7	3°11'57	14°50	19°49	21°43	17°50	14° 8	9° 6	29°23	25°21	17° 1	19°56	20°37	22°13	n.a.	M14
T 15	20 25 4	4°11'04	29°17	21°21	22°52	18°23	14°18	9°11	29°22	25°22	17° 2	19°54	20°34	22°20	n.a.	T 15
W16	20 29 0	5°10'14	13♑38	22°52	24° 2	18°55	14°29	9°17	29°20	25°24	17° 2	19°52	20°31	22°27	n.a.	W16
T 17	20 32 57	6° 9'26	27°49	24°21	25°11	19°27	14°39	9°22	29°18	25°26	17° 3	19°50	20°28	22°34	n.a.	T 17
F 18	20 36 54	7° 8'40	11♒44	25°50	26°21	19°59	14°50	9°27	29°16	25°28	17° 3	19°50	20°25	22°40	n.a.	F 18
S 19	20 40 50	8° 7'56	25°21	27°18	27°31	20°31	15° 0	9°33	29°14	25°29	17° 3	19°D50	20°21	22°47	n.a.	S 19
S 20	20 44 47	9° 7'15	8♓37	28°45	28°41	21° 3	15°10	9°38	29°13	25°31	17° 4	19°50	20°18	22°54	n.a.	S 20
M21	20 48 43	10° 6'36	21°33	0♍11	29°51	21°34	15°20	9°43	29°11	25°33	17° 4	19°51	20°15	23° 0	n.a.	M21
T 22	20 52 40	11° 5'59	4♈ 9	1°36	1♋ 1	22° 6	15°31	9°48	29°10	25°35	17° 5	19°52	20°12	23° 7	n.a.	T 22
W23	20 56 36	12° 5'24	16°29	3° 0	2°11	22°37	15°40	9°53	29° 8	25°36	17° 5	19°53	20° 9	23°14	n.a.	W23
T 24	21 0 33	13° 4'52	28°35	4°23	3°22	23° 8	15°50	9°58	29° 6	25°38	17° 5	19°53	20° 5	23°21	n.a.	T 24
F 25	21 4 29	14° 4'23	10♉32	5°45	4°33	23°39	16° 0	10° 2	29° 5	25°40	17° 5	19°R53	20° 2	23°27	n.a.	F 25
S 26	21 8 26	15° 3'56	22°26	7° 6	5°43	24° 9	16°10	10° 7	29° 4	25°41	17° 6	19°53	19°59	23°34	n.a.	S 26
S 27	21 12 22	16° 3'32	4♊19	8°26	6°54	24°40	16°19	10°12	29° 2	25°43	17° 6	19°53	19°56	23°41	n.a.	S 27
M28	21 16 19	17° 3'10	16°18	9°44	8° 5	25°10	16°28	10°16	29° 1	25°44	17° 6	19°53	19°53	23°47	n.a.	M28
T 29	21 20 16	18° 2'51	28°25	11° 2	9°17	25°40	16°38	10°21	28°59	25°46	17° 6	19°53	19°50	23°54	n.a.	T 29
W30	21 24 12	19° 2'33	10♋45	12°18	10°28	26° 9	16°47	10°25	28°58	25°47	17° 6	19°52	19°46	24° 1	n.a.	W30
T 31	21 28 9	20♌ 2'19	23♋20	13♍32	11♋39	26♉39	16♊56	10♊29	28♐57	25♊49	17♉ 6	19°D52	19♒43	24♉ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	22n20	28n 3	4n30	22n15	1n24	20n 3	1s54	14n48	0s30	22n46	0n 7	21n27	0s37	24s26	0s30	23n42	0s 8	14n 3	3s18	15s 4	14s41	23n15			n.a.
W 2	22 11	27 45	3 50	21 48	1 19	20 18	1 50	15 0	0 29	22 47	0 7	21 28	0 37	24 26	0 30	23 42	0 8	14 3	3 18	15 6	14 42	23 17			n.a.
T 3	22 1	26 2	3 0	21 20	1 15	20 32	1 46	15 12	0 29	22 49	0 7	21 29	0 37	24 26	0 30	23 42	0 8	14 4	3 18	15 7	14 43	23 19			n.a.
F 4	21 51	23 0	1 59	20 51	1 9	20 46	1 42	15 23	0 28	22 51	0 7	21 30	0 37	24 26	0 30	23 42	0 8	14 4	3 19	15 8	14 44	23 21			n.a.
S 5	21 41	18 48	0 52	20 21	1 4	21 0	1 38	15 35	0 27	22 53	0 7	21 31	0 37	24 26	0 30	23 42	0 8	14 4	3 19	15 8	14 45	23 23			n.a.
S 6	21 30	13 39	0s20	19 50	0 58	21 13	1 34	15 46	0 26	22 54	0 7	21 32	0 37	24 26	0 30	23 42	0 8	14 4	3 19	15 9	14 46	23 25			n.a.
M 7	21 19	7 48	1 31	19 18	0 53	21 25	1 30	15 57	0 25	22 56	0 8	21 33	0 37	24 26	0 30	23 42	0 8	14 4	3 19	15 8	14 47	23 27			n.a.
T 8	21 8	1 32	2 39	18 45	0 46	21 37	1 26	16 8	0 24	22 57	0 8	21 34	0 37	24 26	0 30	23 42	0 8	14 5	3 19	15 8	14 49	23 28			n.a.
W 9	20 56	4s54	3 39	18 12	0 40	21 49	1 22	16 19	0 23	22 59	0 8	21 35	0 37	24 26	0 30	23 42	0 8	14 5	3 19	15 7	14 50	23 30			n.a.
T 10	20 43	11 11	4 27	17 38	0 34	22 0	1 18	16 30	0 23	23 0	0 8	21 36	0 37	24 26	0 30	23 42	0 8	14 5	3 19	15 7	14 51	23 32			n.a.
F 11	20 31	17 0	4 59	17 3	0 27	22 10	1 14	16 40	0 22	23 2	0 8	21 37	0 37	24 26	0 30	23 43	0 8	14 5	3 19	15 7	14 52	23 34			n.a.
S 12	20 18	21 58	5 14	16 28	0 20	22 20	1 10	16 51	0 21	23 3	0 8	21 38	0 36	24 26	0 30	23 43	0 8	14 5	3 19	15 7	14 53	23 36			n.a.
S 13	20 4	25 41	5 10	15 52	0 14	22 29	1 6	17 1	0 20	23 5	0 8	21 39	0 36	24 26	0 30	23 43	0 8	14 5	3 19	15 8	14 54	23 38			n.a.
M14	19 50	27 47	4 46	15 16	0 7	22 38	1 2	17 12	0 19	23 6	0 9	21 40	0 36	24 26	0 30	23 43	0 8	14 5	3 19	15 8	14 55	23 39			n.a.
T 15	19 36	28 0	4 4	14 40	0s 1	22 46	0 58	17 22	0 18	23 8	0 9	21 41	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 9	14 56	23 41			n.a.
W16	19 22	26 19	3 7	14 3	0 8	22 53	0 54	17 32	0 17	23 9	0 9	21 42	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 9	14 57	23 43			n.a.
T 17	19 7	22 58	1 59	13 26	0 15	23 0	0 50	17 42	0 16	23 10	0 9	21 43	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 10	14 58	23 45			n.a.
F 18	18 52	18 20	0 45	12 49	0 22	23 6	0 46	17 51	0 15	23 12	0 9	21 44	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 10	14 59	23 46			n.a.
S 19	18 36	12 51	0n31	12 12	0 30	23 12	0 42	18 1	0 14	23 13	0 9	21 44	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 10	15 0	23 48			n.a.
S 20	18 20	6 56	1 42	11 34	0 37	23 17	0 39	18 11	0 13	23 14	0 9	21 45	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 10	15 1	23 50			n.a.
M21	18 4	0 52	2 47	10 57	0 44	23 21	0 35	18 20	0 12	23 16	0 9	21 46	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 10	15 2	23 52			n.a.
T 22	17 48	5n 3	3 41	10 19	0 52	23 25	0 31	18 29	0 11	23 17	0 10	21 47	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 9	15 3	23 53			n.a.
W23	17 31	10 40	4 25	9 41	0 59	23 28	0 27	18 38	0 10	23 18	0 10	21 48	0 36	24 26	0 30	23 43	0 8	14 6	3 19	15 9	15 4	23 55			n.a.
T 24	17 14	15 46	4 55	9 4	1 7	23 30	0 23	18 47	0 9	23 19	0 10	21 48	0 36	24 26	0 30	23 44	0 8	14 6	3 19	15 9	15 5	23 57			n.a.
F 25	16 57	20 13	5 13	8 26	1 14	23 32	0 19	18 56	0 8	23 21	0 10	21 49	0 36	24 26	0 30	23 44	0 8	14 6	3 19	15 9	15 6	23 59			n.a.
S 26	16 39	23 50	5 16	7 49	1 22	23 33	0 16	19 5	0 7	23 22	0 10	21 50	0 36	24 26	0 30	23 44	0 8	14 6	3 19	15 9	15 7	24 0			n.a.
S 27	16 21	26 28	5 7	7 12	1 29	23 33	0 12	19 14	0 6	23 23	0 10	21 51	0 36	24 26	0 30	23 44	0 8	14 6	3 19	15 9	15 8	24 2			n.a.
M28	16 3	27 55	4 44	6 36	1 36	23 33	0 8	19 22	0 5	23 24	0 10	21 51	0 36	24 26	0 30	23 44	0 8	14 6	3 19	15 9	15 9	24 4			n.a.
T 29	15 44	28 3	4 8	5 59	1 43	23 31	0 4	19 31	0 4	23 25	0 11	21 52	0 36	24 26	0 30	23 44	0 8	14 6	3 19	15 9	15 10	24 6			n.a.
W30	15 25	26 49	3 20	5 23	1 50	23 30	0 1	19 39	0 3	23 26	0 11	21 53	0 36	24 26	0 30	23 44	0 8	14 7	3 19	15 9	15 11	24 7			n.a.
T 31	15n 6	24n12	2n22	4n48	1s57	23n27	0n 3	19n47	0s 1	23n27	0n11	21n53	0s36	24s26	0s30	23n44	0s 8	14n 7	3s19	15s 9	15s12	24n 9			n.a.

Julian Day Number = 979447.5, Delta T = 13h15m38s
Ecliptic obliquity = 23°55'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'42, Lahiri = -31°57'41 Julian Calendar 1 Aug. 2032 BCE == Greg. Calendar 15 July 2032 BCE

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

SEPTEMBER 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 32 5	21♌ 2'06	6♌12	14♍45	12♋51	27♉ 8	17♊ 5	10♊34	28°R56	25♊50	17♉ 7	19♒52	19♒40	24♉14	n.a.	F 1
S 2	21 36 2	22° 1'56	19°22	15°56	14° 3	27°37	17°14	10°38	28♐55	25°52	17° 7	19°R52	19°37	24°21	n.a.	S 2
S 3	21 39 58	23° 1'48	2♍48	17° 6	15°14	28° 6	17°22	10°42	28°53	25°53	17° 7	19°52	19°34	24°28	n.a.	S 3
M 4	21 43 55	24° 1'42	16°29	18°13	16°26	28°35	17°31	10°46	28°52	25°54	17°R 7	19°52	19°31	24°35	n.a.	M 4
T 5	21 47 51	25° 1'38	0♎23	19°18	17°38	29° 3	17°39	10°49	28°51	25°56	17° 7	19°52	19°27	24°41	n.a.	T 5
W 6	21 51 48	26° 1'35	14°27	20°21	18°50	29°31	17°48	10°53	28°50	25°57	17° 7	19°51	19°24	24°48	n.a.	W 6
T 7	21 55 44	27° 1'35	28°37	21°21	20° 2	29°59	17°56	10°57	28°49	25°58	17° 7	19°50	19°21	24°55	n.a.	T 7
F 8	21 59 41	28° 1'37	12♏50	22°19	21°15	0♊26	18° 4	11° 0	28°49	26° 0	17° 6	19°50	19°18	25° 1	n.a.	F 8
S 9	22 3 38	29° 1'40	27° 3	23°13	22°27	0°54	18°12	11° 4	28°48	26° 1	17° 6	19°D49	19°15	25° 8	n.a.	S 9
S 10	22 7 34	0♍ 1'45	11♐14	24° 3	23°40	1°21	18°20	11° 7	28°47	26° 2	17° 6	19°49	19°11	25°15	n.a.	S 10
M11	22 11 31	1° 1'52	25°21	24°50	24°52	1°48	18°28	11°10	28°46	26° 3	17° 6	19°50	19° 8	25°22	n.a.	M11
T 12	22 15 27	2° 2'01	9♑21	25°32	26° 5	2°14	18°35	11°13	28°46	26° 4	17° 6	19°51	19° 5	25°28	n.a.	T 12
W13	22 19 24	3° 2'12	23°13	26° 9	27°17	2°40	18°42	11°16	28°45	26° 6	17° 6	19°52	19° 2	25°35	n.a.	W13
T 14	22 23 20	4° 2'24	6♒55	26°41	28°30	3° 6	18°50	11°19	28°44	26° 7	17° 5	19°53	18°59	25°42	n.a.	T 14
F 15	22 27 17	5° 2'38	20°25	27° 8	29°43	3°32	18°57	11°22	28°44	26° 8	17° 5	19°R53	18°56	25°49	n.a.	F 15
S 16	22 31 13	6° 2'54	3♓42	27°27	0♌56	3°57	19° 4	11°25	28°43	26° 9	17° 5	19°53	18°52	25°55	n.a.	S 16
S 17	22 35 10	7° 3'11	16°43	27°40	2° 9	4°22	19°11	11°28	28°43	26°10	17° 5	19°51	18°49	26° 2	n.a.	S 17
M18	22 39 7	8° 3'31	29°30	27°R44	3°22	4°47	19°17	11°30	28°42	26°11	17° 4	19°49	18°46	26° 9	n.a.	M18
T 19	22 43 3	9° 3'53	12♈ 1	27°40	4°36	5°11	19°24	11°33	28°42	26°12	17° 4	19°46	18°43	26°15	n.a.	T 19
W20	22 47 0	10° 4'16	24°19	27°28	5°49	5°35	19°30	11°35	28°42	26°12	17° 4	19°43	18°40	26°22	n.a.	W20
T 21	22 50 56	11° 4'42	6♉25	27° 5	7° 2	5°59	19°36	11°37	28°41	26°13	17° 3	19°40	18°37	26°29	n.a.	T 21
F 22	22 54 53	12° 5'10	18°22	26°33	8°16	6°23	19°42	11°39	28°41	26°14	17° 3	19°37	18°33	26°36	n.a.	F 22
S 23	22 58 49	13° 5'40	0♊15	25°52	9°30	6°46	19°48	11°41	28°41	26°15	17° 2	19°35	18°30	26°42	n.a.	S 23
S 24	23 2 46	14° 6'12	12° 8	25° 0	10°43	7° 8	19°54	11°43	28°41	26°16	17° 2	19°D34	18°27	26°49	n.a.	S 24
M25	23 6 42	15° 6'46	24° 4	24° 0	11°57	7°31	20° 0	11°45	28°D41	26°16	17° 2	19°35	18°24	26°56	n.a.	M25
T 26	23 10 39	16° 7'22	6♋10	22°52	13°11	7°53	20° 5	11°47	28°41	26°17	17° 1	19°36	18°21	27° 3	n.a.	T 26
W27	23 14 35	17° 8'01	18°30	21°38	14°25	8°14	20°10	11°48	28°41	26°18	17° 1	19°38	18°17	27° 9	n.a.	W27
T 28	23 18 32	18° 8'41	1♌ 9	20°19	15°39	8°36	20°16	11°50	28°41	26°18	17° 0	19°39	18°14	27°16	n.a.	T 28
F 29	23 22 29	19° 9'23	14° 8	18°59	16°53	8°56	20°21	11°51	28°41	26°19	16°59	19°R40	18°11	27°23	n.a.	F 29
S 30	23 26 25	20♍10'06	27♌31	17♍39	18♌ 7	9♊17	20♊25	11♊52	28♐41	26♊20	16♉59	19♒40	18♒ 8	27♉29	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n47	20n19	1n15	4n13	2s 4	23n24	0n 6	19n55	0s 0	23n28	0n11	21n54	0s36	24s26	0s30	23n44	0s 8	14n 7	3s19	15s 9	15s13	24n11		n.a.
S 2	14 27	15 22	0 3	3 39	2 11	23 20	0 10	20 3	0n 1	23 29	0 11	21 55	0 36	24 26	0 30	23 44	0 8	14 7	3 19	15 9	15 14	24 12		n.a.
S 3	14 7	9 35	1s11	3 6	2 17	23 15	0 13	20 11	0 2	23 30	0 11	21 55	0 36	24 26	0 30	23 44	0 8	14 7	3 19	15 9	15 15	24 14		n.a.
M 4	13 47	3 16	2 22	2 33	2 23	23 10	0 17	20 18	0 3	23 31	0 11	21 56	0 36	24 26	0 30	23 44	0 8	14 7	3 19	15 9	15 16	24 16		n.a.
T 5	13 27	3s18	3 26	2 2	2 29	23 4	0 20	20 26	0 4	23 32	0 12	21 56	0 36	24 26	0 30	23 44	0 8	14 6	3 19	15 9	15 17	24 17		n.a.
W 6	13 6	9 46	4 18	1 32	2 35	22 58	0 23	20 33	0 6	23 33	0 12	21 57	0 36	24 26	0 30	23 44	0 8	14 6	3 19	15 10	15 18	24 19		n.a.
T 7	12 45	15 47	4 55	1 3	2 40	22 50	0 27	20 40	0 7	23 34	0 12	21 57	0 35	24 26	0 30	23 44	0 8	14 6	3 19	15 10	15 19	24 20		n.a.
F 8	12 24	20 59	5 14	0 35	2 45	22 42	0 30	20 48	0 8	23 35	0 12	21 58	0 35	24 26	0 30	23 44	0 8	14 6	3 19	15 10	15 20	24 22		n.a.
S 9	12 3	24 59	5 14	0 9	2 50	22 33	0 33	20 55	0 9	23 36	0 12	21 59	0 35	24 26	0 30	23 44	0 8	14 6	3 19	15 10	15 21	24 24		n.a.
S 10	11 41	27 27	4 55	0s15	2 54	22 24	0 36	21 1	0 11	23 37	0 12	21 59	0 35	24 25	0 30	23 44	0 8	14 6	3 19	15 10	15 22	24 25		n.a.
M11	11 20	28 8	4 18	0 36	2 57	22 14	0 39	21 8	0 12	23 38	0 13	22 0	0 35	24 25	0 30	23 45	0 8	14 6	3 19	15 10	15 23	24 27		n.a.
T 12	10 58	27 1	3 26	0 56	3 0	22 3	0 42	21 15	0 13	23 38	0 13	22 0	0 35	24 25	0 30	23 45	0 8	14 6	3 19	15 10	15 24	24 29		n.a.
W13	10 36	24 13	2 22	1 13	3 2	21 52	0 45	21 22	0 15	23 39	0 13	22 0	0 35	24 25	0 30	23 45	0 8	14 6	3 19	15 9	15 25	24 30		n.a.
T 14	10 14	20 4	1 11	1 27	3 4	21 40	0 48	21 28	0 16	23 40	0 13	22 1	0 35	24 25	0 30	23 45	0 8	14 6	3 19	15 9	15 26	24 32		n.a.
F 15	9 51	14 56	0n 3	1 38	3 4	21 27	0 50	21 34	0 17	23 41	0 13	22 1	0 35	24 25	0 30	23 45	0 8	14 6	3 19	15 9	15 27	24 33		n.a.
S 16	9 29	9 11	1 15	1 46	3 3	21 13	0 53	21 41	0 19	23 41	0 13	22 2	0 35	24 25	0 30	23 45	0 8	14 6	3 19	15 9	15 28	24 35		n.a.
S 17	9 6	3 10	2 23	1 49	3 2	20 59	0 56	21 47	0 20	23 42	0 14	22 2	0 35	24 25	0 30	23 45	0 8	14 6	3 19	15 10	15 29	24 36		n.a.
M18	8 43	2n52	3 21	1 48	2 59	20 45	0 58	21 53	0 21	23 43	0 14	22 3	0 35	24 25	0 30	23 45	0 8	14 6	3 19	15 10	15 30	24 38		n.a.
T 19	8 20	8 39	4 9	1 43	2 54	20 29	1 1	21 59	0 23	23 44	0 14	22 3	0 35	24 25	0 30	23 45	0 8	14 5	3 19	15 11	15 31	24 40		n.a.
W20	7 57	14 0	4 44	1 32	2 48	20 13	1 3	22 4	0 24	23 44	0 14	22 3	0 35	24 25	0 30	23 45	0 8	14 5	3 19	15 12	15 32	24 41		n.a.
T 21	7 33	18 44	5 6	1 16	2 41	19 57	1 6	22 10	0 26	23 45	0 14	22 4	0 35	24 25	0 30	23 45	0 8	14 5	3 19	15 13	15 33	24 43		n.a.
F 22	7 10	22 40	5 14	0 55	2 31	19 40	1 8	22 16	0 27	23 46	0 14	22 4	0 35	24 25	0 30	23 45	0 8	14 5	3 20	15 14	15 34	24 44		n.a.
S 23	6 46	25 38	5 9	0 28	2 20	19 22	1 10	22 21	0 29	23 46	0 15	22 4	0 35	24 25	0 30	23 45	0 8	14 5	3 20	15 15	15 35	24 46		n.a.
S 24	6 23	27 30	4 50	0n 5	2 7	19 4	1 12	22 27	0 30	23 47	0 15	22 5	0 35	24 25	0 30	23 45	0 8	14 5	3 20	15 15	15 36	24 47		n.a.
M25	5 59	28 6	4 19	0 43	1 52	18 45	1 14	22 32	0 32	23 47	0 15	22 5	0 35	24 25	0 30	23 45	0 8	14 5	3 20	15 15	15 37	24 49		n.a.
T 26	5 35	27 23	3 36	1 26	1 36	18 25	1 16	22 37	0 33	23 48	0 15	22 5	0 35	24 25	0 30	23 45	0 8	14 5	3 20	15 14	15 38	24 50		n.a.
W27	5 11	25 18	2 43	2 12	1 17	18 5	1 18	22 42	0 35	23 49	0 15	22 5	0 35	24 25	0 30	23 45	0 8	14 4	3 20	15 14	15 39	24 52		n.a.
T 28	4 47	21 56	1 40	3 2	0 58	17 45	1 20	22 47	0 37	23 49	0 15	22 6	0 35	24 25	0 30	23 45	0 7	14 4	3 20	15 13	15 40	24 53		n.a.
F 29	4 23	17 24	0 30	3 52	0 38	17 24	1 22	22 52	0 38	23 50	0 16	22 6	0 35	24 25	0 30	23 45	0 7	14 4	3 20	15 13	15 41	24 55		n.a.
S 30	3n58	11n55	0s43	4n43	0s17	17n 2	1n24	22n57	0n40	23n50	0n16	22n 6	0s35	24s25	0s30	23n45	0s 7	14n 4	3s20	15s13	15s42	24n56		n.a.

Julian Day Number = 979478.5, Delta T = 13h15m35s
Ecliptic obliquity = 23°55'46, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'38, Lahiri = -31°57'37 Julian Calendar 1 Sept. 2032 BCE == Greg. Calendar 15 Aug. 2032 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

OCTOBER 2032 BCE (-2031) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 30 22	21♍10'51	11♍17	16°R23	19♌21	9♊37	20♊30	11♊53	28♐42	26♊20	16°R58	19°R39	18♒ 5	27♉36	n.a.	S 1
M 2	23 34 18	22°11'38	25°24	15♍13	20°35	9°56	20°34	11°54	28°42	26°21	16♉58	19♒35	18° 2	27°43	n.a.	M 2
T 3	23 38 15	23°12'27	9♎47	14°10	21°49	10°16	20°39	11°55	28°42	26°21	16°57	19°31	17°58	27°50	n.a.	T 3
W 4	23 42 11	24°13'17	24°21	13°17	23° 3	10°34	20°43	11°56	28°43	26°22	16°56	19°25	17°55	27°56	n.a.	W 4
T 5	23 46 8	25°14'08	8♏58	12°36	24°18	10°52	20°46	11°57	28°43	26°22	16°56	19°20	17°52	28° 3	n.a.	T 5
F 6	23 50 4	26°15'00	23°32	12° 5	25°32	11°10	20°50	11°57	28°44	26°22	16°55	19°15	17°49	28°10	n.a.	F 6
S 7	23 54 1	27°15'54	7♐58	11°47	26°46	11°28	20°54	11°58	28°44	26°23	16°54	19°12	17°46	28°16	n.a.	S 7
S 8	23 57 58	28°16'49	22°12	11°D39	28° 1	11°44	20°57	11°58	28°45	26°23	16°53	19°D10	17°43	28°23	n.a.	S 8
M 9	0 1 54	29°17'45	6♑11	11°43	29°15	12° 1	21° 0	11°58	28°46	26°23	16°53	19°10	17°39	28°30	n.a.	M 9
T 10	0 5 51	0♎18'42	19°56	11°58	0♍30	12°17	21° 3	11°R58	28°46	26°23	16°52	19°11	17°36	28°37	n.a.	T 10
W11	0 9 47	1°19'40	3♒26	12°22	1°44	12°32	21° 6	11°58	28°47	26°24	16°51	19°13	17°33	28°43	n.a.	W11
T 12	0 13 44	2°20'39	16°43	12°54	2°59	12°47	21° 9	11°58	28°48	26°24	16°50	19°R14	17°30	28°50	n.a.	T 12
F 13	0 17 40	3°21'39	29°48	13°34	4°14	13° 1	21°11	11°58	28°49	26°24	16°49	19°13	17°27	28°57	n.a.	F 13
S 14	0 21 37	4°22'40	12♓41	14°21	5°28	13°15	21°13	11°58	28°50	26°24	16°49	19°11	17°23	29° 4	n.a.	S 14
S 15	0 25 33	5°23'42	25°23	15°15	6°43	13°28	21°15	11°57	28°51	26°24	16°48	19° 6	17°20	29°10	n.a.	S 15
M16	0 29 30	6°24'45	7♈55	16°13	7°58	13°41	21°17	11°57	28°52	26°R24	16°47	18°58	17°17	29°17	n.a.	M16
T 17	0 33 27	7°25'49	20°16	17°17	9°13	13°53	21°19	11°56	28°53	26°24	16°46	18°50	17°14	29°24	n.a.	T 17
W18	0 37 23	8°26'54	2♉27	18°24	10°28	14° 4	21°20	11°55	28°54	26°24	16°45	18°40	17°11	29°30	n.a.	W18
T 19	0 41 20	9°28'00	14°30	19°35	11°42	14°15	21°22	11°54	28°55	26°24	16°44	18°30	17° 8	29°37	n.a.	T 19
F 20	0 45 16	10°29'08	26°26	20°48	12°57	14°26	21°23	11°53	28°56	26°24	16°43	18°21	17° 4	29°44	n.a.	F 20
S 21	0 49 13	11°30'17	8♊17	22° 5	14°12	14°35	21°24	11°52	28°58	26°24	16°42	18°13	17° 1	29°51	n.a.	S 21
S 22	0 53 9	12°31'26	20° 8	23°23	15°27	14°44	21°24	11°51	28°59	26°24	16°41	18° 8	16°58	29°57	n.a.	S 22
M23	0 57 6	13°32'37	2♋ 2	24°44	16°42	14°53	21°25	11°49	29° 0	26°23	16°40	18° 5	16°55	0♊ 4	n.a.	M23
T 24	1 1 2	14°33'50	14° 4	26° 6	17°57	15° 0	21°25	11°48	29° 2	26°23	16°39	18°D 4	16°52	0°11	n.a.	T 24
W25	1 4 59	15°35'03	26°19	27°30	19°12	15° 7	21°R25	11°46	29° 3	26°23	16°38	18° 4	16°48	0°17	n.a.	W25
T 26	1 8 56	16°36'17	8♌54	28°54	20°27	15°14	21°25	11°45	29° 5	26°22	16°37	18° 5	16°45	0°24	n.a.	T 26
F 27	1 12 52	17°37'32	21°51	0♎20	21°42	15°20	21°25	11°43	29° 6	26°22	16°36	18°R 6	16°42	0°31	n.a.	F 27
S 28	1 16 49	18°38'48	5♍15	1°47	22°58	15°25	21°24	11°41	29° 8	26°22	16°35	18° 4	16°39	0°38	n.a.	S 28
S 29	1 20 45	19°40'05	19° 8	3°14	24°13	15°29	21°24	11°39	29°10	26°21	16°34	18° 0	16°36	0°44	n.a.	S 29
M30	1 24 42	20°41'22	3♎28	4°42	25°28	15°32	21°23	11°37	29°11	26°21	16°33	17°54	16°33	0°51	n.a.	M30
T 31	1 28 38	21♎42'40	18♎11	6♎11	26♍43	15♊35	21♊22	11♊35	29♐13	26♊20	16♉32	17♒45	16♒29	0♊58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	3n34	5n42	1s55	5n32	0n 4	16n40	1n25	23n 2	0n41	23n51	0n16	22n 6	0s35	24s25	0s30	23n45	0s 7	14n 4	3s20	15s14	15s43	24n58					n.a.
M 2	3 9	0s55	3 3	6 18	0 24	16 17	1 27	23 6	0 43	23 51	0 16	22 6	0 35	24 25	0 30	23 45	0 7	14 3	3 20	15 15	15 44	24 59					n.a.
T 3	2 45	7 36	3 59	7 0	0 43	15 54	1 28	23 11	0 45	23 52	0 16	22 7	0 35	24 25	0 30	23 45	0 7	14 3	3 20	15 16	15 45	25 1					n.a.
W 4	2 20	13 58	4 42	7 37	1 0	15 31	1 29	23 16	0 47	23 52	0 16	22 7	0 35	24 25	0 30	23 45	0 7	14 3	3 20	15 18	15 46	25 2					n.a.
T 5	1 56	19 35	5 5	8 8	1 16	15 7	1 31	23 20	0 48	23 53	0 17	22 7	0 35	24 25	0 30	23 45	0 7	14 3	3 20	15 20	15 47	25 3					n.a.
F 6	1 31	24 1	5 10	8 34	1 31	14 43	1 32	23 24	0 50	23 53	0 17	22 7	0 34	24 25	0 30	23 45	0 7	14 3	3 20	15 21	15 48	25 5					n.a.
S 7	1 7	26 55	4 54	8 52	1 43	14 18	1 33	23 28	0 52	23 54	0 17	22 7	0 34	24 25	0 30	23 45	0 7	14 2	3 20	15 22	15 49	25 6					n.a.
S 8	0 42	28 2	4 21	9 5	1 54	13 52	1 34	23 33	0 54	23 54	0 17	22 7	0 34	24 25	0 30	23 45	0 7	14 2	3 20	15 23	15 50	25 8					n.a.
M 9	0 17	27 19	3 32	9 12	2 3	13 27	1 35	23 37	0 56	23 54	0 17	22 7	0 34	24 25	0 30	23 45	0 7	14 2	3 20	15 23	15 51	25 9					n.a.
T 10	0s 8	24 55	2 32	9 13	2 10	13 1	1 36	23 41	0 58	23 55	0 18	22 7	0 34	24 25	0 30	23 45	0 7	14 2	3 20	15 22	15 52	25 10					n.a.
W11	0 32	21 9	1 25	9 9	2 16	12 34	1 37	23 45	1 0	23 55	0 18	22 7	0 34	24 25	0 30	23 45	0 7	14 2	3 20	15 22	15 53	25 12					n.a.
T 12	0 57	16 22	0 14	9 0	2 20	12 8	1 38	23 49	1 1	23 56	0 18	22 7	0 34	24 25	0 29	23 45	0 7	14 1	3 20	15 22	15 54	25 13					n.a.
F 13	1 22	10 53	0n57	8 47	2 23	11 41	1 38	23 52	1 3	23 56	0 18	22 7	0 34	24 25	0 29	23 45	0 7	14 1	3 20	15 22	15 55	25 15					n.a.
S 14	1 46	5 3	2 3	8 29	2 24	11 13	1 39	23 56	1 5	23 56	0 18	22 7	0 34	24 25	0 29	23 45	0 7	14 1	3 20	15 23	15 56	25 16					n.a.
S 15	2 11	0n55	3 2	8 9	2 25	10 45	1 39	24 0	1 7	23 57	0 19	22 7	0 34	24 25	0 29	23 45	0 7	14 1	3 20	15 24	15 57	25 17					n.a.
M16	2 36	6 44	3 52	7 45	2 24	10 17	1 40	24 3	1 9	23 57	0 19	22 7	0 34	24 25	0 29	23 45	0 7	14 0	3 20	15 26	15 58	25 19					n.a.
T 17	3 0	12 13	4 29	7 19	2 23	9 49	1 40	24 7	1 12	23 57	0 19	22 7	0 34	24 25	0 29	23 45	0 7	14 0	3 20	15 29	15 59	25 20					n.a.
W18	3 25	17 9	4 54	6 50	2 21	9 20	1 40	24 11	1 14	23 57	0 19	22 7	0 34	24 25	0 29	23 45	0 7	14 0	3 20	15 32	16 0	25 21					n.a.
T 19	3 49	21 21	5 5	6 19	2 18	8 51	1 40	24 14	1 16	23 58	0 19	22 7	0 34	24 25	0 29	23 45	0 7	14 0	3 20	15 36	16 1	25 23					n.a.
F 20	4 14	24 39	5 3	5 46	2 15	8 22	1 40	24 17	1 18	23 58	0 20	22 7	0 34	24 25	0 29	23 45	0 7	13 59	3 20	15 38	16 2	25 24					n.a.
S 21	4 38	26 52	4 47	5 12	2 11	7 53	1 40	24 21	1 20	23 58	0 20	22 7	0 34	24 25	0 29	23 45	0 7	13 59	3 20	15 41	16 3	25 25					n.a.
S 22	5 3	27 52	4 20	4 36	2 7	7 23	1 40	24 24	1 22	23 59	0 20	22 7	0 34	24 25	0 29	23 45	0 7	13 59	3 20	15 42	16 4	25 27					n.a.
M23	5 27	27 36	3 41	4 0	2 2	6 53	1 40	24 27	1 25	23 59	0 20	22 7	0 34	24 25	0 29	23 45	0 7	13 59	3 20	15 43	16 5	25 28					n.a.
T 24	5 51	26 1	2 52	3 22	1 57	6 23	1 40	24 30	1 27	23 59	0 20	22 6	0 34	24 25	0 29	23 45	0 7	13 58	3 20	15 44	16 6	25 29					n.a.
W25	6 15	23 11	1 54	2 43	1 51	5 53	1 40	24 33	1 29	23 59	0 20	22 6	0 34	24 25	0 29	23 45	0 7	13 58	3 20	15 43	16 7	25 31					n.a.
T 26	6 39	19 11	0 49	2 3	1 46	5 22	1 39	24 36	1 31	23 59	0 21	22 6	0 34	24 25	0 29	23 45	0 7	13 58	3 20	15 43	16 8	25 32					n.a.
F 27	7 3	14 12	0s20	1 23	1 40	4 52	1 39	24 39	1 34	24 0	0 21	22 6	0 34	24 25	0 29	23 45	0 7	13 57	3 20	15 43	16 9	25 33					n.a.
S 28	7 27	8 23	1 30	0 42	1 34	4 21	1 38	24 42	1 36	24 0	0 21	22 6	0 34	24 25	0 29	23 45	0 7	13 57	3 20	15 44	16 10	25 34					n.a.
S 29	7 51	1 59	2 37	0 1	1 27	3 50	1 38	24 45	1 39	24 0	0 21	22 5	0 33	24 25	0 29	23 45	0 7	13 57	3 19	15 45	16 11	25 36					n.a.
M30	8 14	4s43	3 37	0s41	1 21	3 19	1 37	24 48	1 41	24 0	0 22	22 5	0 33	24 25	0 29	23 45	0 7	13 57	3 19	15 47	16 12	25 37					n.a.
T 31	8s38	11s19	4s24	1s22	1n14	2n48	1n36	24n51	1n43	24n 0	0n22	22n 5	0s33	24s25	0s29	23n45	0s 7	13n56	3s19	15s50	16s13	25n38					n.a.

Julian Day Number = 979508.5, Delta T = 13h15m33s
Ecliptic obliquity = 23°55'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'34, Lahiri = -31°57'33 Julian Calendar 1 Oct. 2032 BCE == Greg. Calendar 14 Sept. 2032 BCE

The year -2031 astronomical counting style corresponds to year 2032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

NOVEMBER 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 32 35	22♎43'59	3♏10	7♎40	27♍58	15♊37	21°R20	11°R32	29♐15	26°R20	16°R30	17°R35	16♒26	1♊ 4	n.a.	W 1
T 2	1 36 32	23°45'18	18°15	9°10	29°13	15°38	21♊19	11♊30	29°17	26♊19	16♉29	17♒24	16°23	1°11	n.a.	T 2
F 3	1 40 28	24°46'38	3♐16	10°40	0♎29	15°R39	21°17	11°28	29°18	26°19	16°28	17°15	16°20	1°18	n.a.	F 3
S 4	1 44 25	25°47'58	18° 4	12°11	1°44	15°39	21°15	11°25	29°20	26°18	16°27	17° 7	16°17	1°25	n.a.	S 4
S 5	1 48 21	26°49'18	2♑33	13°41	2°59	15°38	21°13	11°22	29°22	26°17	16°26	17° 2	16°14	1°31	n.a.	S 5
M 6	1 52 18	27°50'38	16°39	15°12	4°14	15°36	21°11	11°19	29°24	26°17	16°25	17° 0	16°10	1°38	n.a.	M 6
T 7	1 56 14	28°51'58	0♒22	16°44	5°29	15°33	21° 8	11°17	29°26	26°16	16°23	17°D 0	16° 7	1°45	n.a.	T 7
W 8	2 0 11	29°53'17	13°44	18°15	6°45	15°30	21° 6	11°14	29°29	26°15	16°22	17°R 0	16° 4	1°52	n.a.	W 8
T 9	2 4 7	0♏54'37	26°47	19°47	8° 0	15°25	21° 3	11°10	29°31	26°14	16°21	17° 0	16° 1	1°58	n.a.	T 9
F 10	2 8 4	1°55'56	9♓35	21°19	9°15	15°20	21° 0	11° 7	29°33	26°14	16°20	16°58	15°58	2° 5	n.a.	F 10
S 11	2 12 1	2°57'15	22°10	22°52	10°30	15°14	20°57	11° 4	29°35	26°13	16°19	16°53	15°54	2°12	n.a.	S 11
S 12	2 15 57	3°58'34	4♈35	24°25	11°46	15° 8	20°53	11° 1	29°37	26°12	16°17	16°45	15°51	2°18	n.a.	S 12
M13	2 19 54	4°59'53	16°51	25°57	13° 1	15° 0	20°50	10°57	29°40	26°11	16°16	16°34	15°48	2°25	n.a.	M13
T 14	2 23 50	6° 1'12	29° 0	27°31	14°16	14°52	20°46	10°54	29°42	26°10	16°15	16°21	15°45	2°32	n.a.	T 14
W15	2 27 47	7° 2'31	11♉ 3	29° 4	15°31	14°43	20°42	10°50	29°44	26° 9	16°14	16° 6	15°42	2°39	n.a.	W15
T 16	2 31 43	8° 3'50	23° 0	0♏38	16°47	14°33	20°38	10°47	29°47	26° 8	16°13	15°51	15°39	2°45	n.a.	T 16
F 17	2 35 40	9° 5'09	4♊54	2°12	18° 2	14°22	20°33	10°43	29°49	26° 7	16°11	15°37	15°35	2°52	n.a.	F 17
S 18	2 39 37	10° 6'27	16°44	3°46	19°17	14°11	20°29	10°39	29°52	26° 6	16°10	15°25	15°32	2°59	n.a.	S 18
S 19	2 43 33	11° 7'46	28°35	5°21	20°33	13°58	20°24	10°35	29°54	26° 5	16° 9	15°16	15°29	3° 5	n.a.	S 19
M20	2 47 30	12° 9'05	10♋28	6°56	21°48	13°45	20°19	10°31	29°57	26° 4	16° 8	15°10	15°26	3°12	n.a.	M20
T 21	2 51 26	13°10'23	22°29	8°31	23° 3	13°31	20°14	10°27	29°59	26° 3	16° 6	15° 7	15°23	3°19	n.a.	T 21
W22	2 55 23	14°11'41	4♌41	10° 7	24°18	13°17	20° 9	10°23	0♑ 2	26° 2	16° 5	15° 6	15°20	3°26	n.a.	W22
T 23	2 59 19	15°13'00	17° 9	11°43	25°34	13° 1	20° 4	10°19	0° 5	26° 1	16° 4	15° 6	15°16	3°32	n.a.	T 23
F 24	3 3 16	16°14'18	29°59	13°20	26°49	12°45	19°59	10°15	0° 7	25°59	16° 3	15° 5	15°13	3°39	n.a.	F 24
S 25	3 7 13	17°15'35	13♍16	14°57	28° 4	12°28	19°53	10°10	0°10	25°58	16° 1	15° 3	15°10	3°46	n.a.	S 25
S 26	3 11 9	18°16'53	27° 3	16°34	29°19	12°11	19°47	10° 6	0°13	25°57	16° 0	14°59	15° 7	3°52	n.a.	S 26
M27	3 15 6	19°18'10	11♎20	18°12	0♏35	11°53	19°41	10° 2	0°15	25°56	15°59	14°52	15° 4	3°59	n.a.	M27
T 28	3 19 2	20°19'27	26° 5	19°51	1°50	11°34	19°35	9°57	0°18	25°54	15°58	14°43	15° 0	4° 6	n.a.	T 28
W29	3 22 59	21°20'43	11♏12	21°29	3° 5	11°14	19°29	9°53	0°21	25°53	15°56	14°31	14°57	4°13	n.a.	W29
T 30	3 26 55	22♏21'59	26♏31	23♏ 9	4♏20	10♊54	19♊23	9♊48	0♑24	25♊52	15♉55	14♒20	14♒54	4♊19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9s 1	17s24	4s53	2s 4	1n 8	2n17	1n36	24n53	1n46	24n 0	0n22	22n 5	0s33	24s25	0s29	23n45	0s 7	13n56	3s19	15s53	16s14	25n40		n.a.
T 2	9 24	22 26	5 2	2 47	1 1	1 45	1 35	24 56	1 48	24 0	0 22	22 4	0 33	24 25	0 29	23 45	0 7	13 56	3 19	15 56	16 15	25 41		n.a.
F 3	9 47	25 59	4 51	3 29	0 54	1 14	1 34	24 59	1 51	24 0	0 22	22 4	0 33	24 25	0 29	23 45	0 7	13 55	3 19	15 59	16 16	25 42		n.a.
S 4	10 10	27 42	4 20	4 11	0 47	0 43	1 33	25 1	1 53	24 1	0 23	22 4	0 33	24 25	0 29	23 45	0 7	13 55	3 19	16 1	16 17	25 43		n.a.
S 5	10 33	27 27	3 33	4 54	0 40	0 11	1 32	25 3	1 56	24 1	0 23	22 4	0 33	24 25	0 29	23 45	0 7	13 55	3 19	16 3	16 18	25 44		n.a.
M 6	10 55	25 24	2 34	5 36	0 33	0s20	1 31	25 6	1 59	24 1	0 23	22 3	0 33	24 25	0 29	23 45	0 7	13 54	3 19	16 3	16 19	25 46		n.a.
T 7	11 18	21 54	1 27	6 18	0 27	0 52	1 29	25 8	2 1	24 1	0 23	22 3	0 33	24 25	0 29	23 45	0 7	13 54	3 19	16 4	16 20	25 47		n.a.
W 8	11 40	17 19	0 17	7 0	0 20	1 23	1 28	25 10	2 4	24 1	0 23	22 2	0 33	24 25	0 29	23 45	0 7	13 54	3 19	16 4	16 21	25 48		n.a.
T 9	12 2	12 2	0n52	7 42	0 13	1 55	1 27	25 12	2 6	24 1	0 24	22 2	0 33	24 25	0 29	23 45	0 7	13 53	3 19	16 4	16 22	25 49		n.a.
F 10	12 23	6 20	1 57	8 23	0 6	2 26	1 25	25 14	2 9	24 1	0 24	22 2	0 33	24 25	0 29	23 45	0 7	13 53	3 19	16 4	16 23	25 50		n.a.
S 11	12 45	0 30	2 54	9 5	0s 1	2 57	1 24	25 16	2 12	24 1	0 24	22 1	0 33	24 25	0 29	23 45	0 7	13 53	3 19	16 6	16 24	25 52		n.a.
S 12	13 6	5n15	3 43	9 46	0 7	3 29	1 23	25 18	2 14	24 1	0 24	22 1	0 33	24 25	0 29	23 45	0 7	13 53	3 19	16 8	16 25	25 53		n.a.
M13	13 27	10 45	4 21	10 26	0 14	4 0	1 21	25 20	2 17	24 1	0 24	22 0	0 33	24 25	0 29	23 45	0 7	13 52	3 19	16 11	16 26	25 54		n.a.
T 14	13 48	15 47	4 46	11 7	0 20	4 31	1 19	25 22	2 20	24 1	0 25	22 0	0 32	24 25	0 29	23 45	0 7	13 52	3 19	16 16	16 26	25 55		n.a.
W15	14 9	20 9	4 58	11 47	0 27	5 2	1 18	25 23	2 22	24 0	0 25	22 0	0 32	24 25	0 29	23 45	0 7	13 52	3 19	16 20	16 27	25 56		n.a.
T 16	14 29	23 41	4 57	12 26	0 33	5 33	1 16	25 25	2 25	24 0	0 25	21 59	0 32	24 25	0 29	23 45	0 7	13 51	3 19	16 25	16 28	25 57		n.a.
F 17	14 49	26 11	4 43	13 6	0 39	6 4	1 14	25 26	2 28	24 0	0 25	21 59	0 32	24 25	0 29	23 45	0 7	13 51	3 19	16 29	16 29	25 58		n.a.
S 18	15 9	27 30	4 17	13 44	0 45	6 35	1 13	25 28	2 30	24 0	0 25	21 58	0 32	24 25	0 29	23 45	0 7	13 51	3 19	16 32	16 30	25 59		n.a.
S 19	15 28	27 34	3 39	14 22	0 51	7 6	1 11	25 29	2 33	24 0	0 26	21 58	0 32	24 25	0 29	23 45	0 7	13 50	3 19	16 35	16 31	26 1		n.a.
M20	15 48	26 22	2 52	15 0	0 57	7 36	1 9	25 30	2 36	24 0	0 26	21 57	0 32	24 25	0 29	23 45	0 7	13 50	3 19	16 37	16 32	26 2		n.a.
T 21	16 7	23 55	1 56	15 37	1 3	8 6	1 7	25 31	2 38	24 0	0 26	21 57	0 32	24 25	0 29	23 45	0 7	13 50	3 19	16 38	16 33	26 3		n.a.
W22	16 25	20 22	0 55	16 13	1 8	8 36	1 5	25 31	2 41	23 59	0 26	21 56	0 32	24 25	0 29	23 45	0 7	13 49	3 19	16 38	16 34	26 4		n.a.
T 23	16 44	15 50	0s11	16 49	1 13	9 6	1 3	25 32	2 44	23 59	0 26	21 56	0 32	24 25	0 29	23 45	0 7	13 49	3 19	16 38	16 35	26 5		n.a.
F 24	17 2	10 29	1 18	17 24	1 18	9 36	1 1	25 32	2 46	23 59	0 27	21 55	0 32	24 25	0 29	23 45	0 7	13 49	3 18	16 38	16 36	26 6		n.a.
S 25	17 20	4 31	2 23	17 58	1 23	10 5	0 59	25 33	2 49	23 59	0 27	21 55	0 32	24 25	0 29	23 45	0 7	13 49	3 18	16 39	16 37	26 7		n.a.
S 26	17 37	1s53	3 22	18 32	1 28	10 35	0 57	25 33	2 51	23 59	0 27	21 54	0 32	24 25	0 29	23 45	0 7	13 48	3 18	16 40	16 38	26 8		n.a.
M27	17 55	8 24	4 11	19 4	1 32	11 4	0 55	25 33	2 54	23 58	0 27	21 53	0 31	24 25	0 29	23 45	0 7	13 48	3 18	16 42	16 39	26 9		n.a.
T 28	18 11	14 40	4 45	19 36	1 36	11 32	0 52	25 32	2 56	23 58	0 27	21 53	0 31	24 25	0 29	23 45	0 7	13 48	3 18	16 45	16 40	26 10		n.a.
W29	18 28	20 13	5 0	20 7	1 40	12 1	0 50	25 32	2 59	23 58	0 28	21 52	0 31	24 25	0 29	23 45	0 7	13 47	3 18	16 49	16 41	26 11		n.a.
T 30	18s44	24s31	4s53	20s37	1s44	12s29	0n48	25n32	3n 1	23n57	0n28	21n52	0s31	24s25	0s29	23n45	0s 7	13n47	3s18	16s52	16s42	26n12		n.a.

Julian Day Number = 979539.5, Delta T = 13h15m31s
Ecliptic obliquity = 23°55'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'29, Lahiri = -31°57'29 Julian Calendar 1 Nov. 2032 BCE == Greg. Calendar 15 Oct. 2032 BCE

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ASTRODIENST EPHEMERIS for the year 2032 BCE
geocentric

DECEMBER 2032 BCE (-2031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 30 52	23♏23'14	11♐50	24♏49	5♏36	10°R33	19°R16	9°R44	0♑27	25°R51	15°R54	14°R 9	14♒51	4♊26	n.a.	F 1
S 2	3 34 48	24°24'28	26°58	26°29	6°51	10♊12	19♊10	9♊39	0°30	25♊49	15♉53	14♒ 0	14°48	4°33	n.a.	S 2
S 3	3 38 45	25°25'41	11♑46	28°10	8° 6	9°51	19° 3	9°34	0°33	25°48	15°51	13°54	14°45	4°39	n.a.	S 3
M 4	3 42 42	26°26'54	26° 7	29°51	9°21	9°29	18°56	9°30	0°36	25°46	15°50	13°51	14°41	4°46	n.a.	M 4
T 5	3 46 38	27°28'05	10♒ 1	1♐33	10°36	9° 6	18°49	9°25	0°39	25°45	15°49	13°D50	14°38	4°53	n.a.	T 5
W 6	3 50 35	28°29'14	23°28	3°15	11°52	8°43	18°42	9°20	0°42	25°44	15°48	13°R50	14°35	5° 0	n.a.	W 6
T 7	3 54 31	29°30'23	6♓31	4°58	13° 7	8°20	18°35	9°15	0°45	25°42	15°47	13°50	14°32	5° 6	n.a.	T 7
F 8	3 58 28	0♐31'30	19°14	6°41	14°22	7°57	18°28	9°10	0°48	25°41	15°45	13°48	14°29	5°13	n.a.	F 8
S 9	4 2 24	1°32'35	1♈41	8°24	15°37	7°33	18°20	9° 6	0°51	25°39	15°44	13°44	14°25	5°20	n.a.	S 9
S 10	4 6 21	2°33'40	13°55	10° 8	16°52	7° 9	18°13	9° 1	0°54	25°38	15°43	13°37	14°22	5°26	n.a.	S 10
M11	4 10 18	3°34'43	26° 1	11°52	18° 7	6°46	18° 6	8°56	0°57	25°36	15°42	13°28	14°19	5°33	n.a.	M11
T 12	4 14 14	4°35'45	8♉ 0	13°37	19°22	6°22	17°58	8°51	1° 0	25°35	15°41	13°16	14°16	5°40	n.a.	T 12
W13	4 18 11	5°36'46	19°56	15°21	20°38	5°58	17°50	8°46	1° 4	25°33	15°39	13° 3	14°13	5°47	n.a.	W13
T 14	4 22 7	6°37'45	1♊49	17° 6	21°53	5°33	17°43	8°41	1° 7	25°31	15°38	12°49	14°10	5°53	n.a.	T 14
F 15	4 26 4	7°38'43	13°41	18°50	23° 8	5° 9	17°35	8°36	1°10	25°30	15°37	12°37	14° 6	6° 0	n.a.	F 15
S 16	4 30 0	8°39'40	25°33	20°34	24°23	4°46	17°27	8°31	1°13	25°28	15°36	12°26	14° 3	6° 7	n.a.	S 16
S 17	4 33 57	9°40'36	7♋27	22°17	25°38	4°22	17°19	8°26	1°17	25°27	15°35	12°18	14° 0	6°13	n.a.	S 17
M18	4 37 54	10°41'30	19°25	24° 0	26°53	3°58	17°12	8°22	1°20	25°25	15°34	12°12	13°57	6°20	n.a.	M18
T 19	4 41 50	11°42'24	1♌29	25°42	28° 8	3°35	17° 4	8°17	1°23	25°23	15°33	12° 9	13°54	6°27	n.a.	T 19
W20	4 45 47	12°43'16	13°44	27°22	29°23	3°12	16°56	8°12	1°26	25°22	15°31	12°D 9	13°51	6°34	n.a.	W20
T 21	4 49 43	13°44'06	26°13	29° 0	0♐38	2°49	16°48	8° 7	1°30	25°20	15°30	12°10	13°47	6°40	n.a.	T 21
F 22	4 53 40	14°44'56	9♍ 0	0♑36	1°53	2°27	16°40	8° 2	1°33	25°19	15°29	12°R10	13°44	6°47	n.a.	F 22
S 23	4 57 36	15°45'44	22°11	2°10	3° 8	2° 5	16°32	7°57	1°36	25°17	15°28	12°10	13°41	6°54	n.a.	S 23
S 24	5 1 33	16°46'31	5♎47	3°40	4°23	1°43	16°24	7°52	1°40	25°15	15°27	12° 8	13°38	7° 0	n.a.	S 24
M25	5 5 29	17°47'17	19°51	5° 7	5°38	1°22	16°16	7°47	1°43	25°14	15°26	12° 5	13°35	7° 7	n.a.	M25
T 26	5 9 26	18°48'02	4♏23	6°29	6°53	1° 1	16° 8	7°43	1°46	25°12	15°25	11°58	13°31	7°14	n.a.	T 26
W27	5 13 23	19°48'45	19°19	7°45	8° 8	0°41	16° 0	7°38	1°50	25°10	15°24	11°51	13°28	7°21	n.a.	W27
T 28	5 17 19	20°49'27	4♐31	8°56	9°23	0°22	15°52	7°33	1°53	25° 9	15°23	11°43	13°25	7°27	n.a.	T 28
F 29	5 21 16	21°50'07	19°48	10° 1	10°38	0° 3	15°44	7°29	1°57	25° 7	15°22	11°35	13°22	7°34	n.a.	F 29
S 30	5 25 12	22°50'46	5♑ 1	10°58	11°53	29♉44	15°36	7°24	2° 0	25° 5	15°21	11°28	13°19	7°41	n.a.	S 30
S 31	5 29 9	23♐51'23	19♑58	11♑46	13♐ 7	29♉27	15♊28	7♊19	2♑ 4	25♊ 4	15♉20	11♒24	13♒16	7♊47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 0	27s 4	4s26	21s 5	1s47	12s56	0n46	25n31	3n 4	23n57	0n28	21n51	0s31	24s24	0s29	23n45	0s 7	13n47	3s18	16s55	16s43	26n13		n.a.
S 2	19 15	27 34	3 41	21 33	1 50	13 24	0 43	25 30	3 6	23 57	0 28	21 50	0 31	24 24	0 29	23 45	0 7	13 46	3 18	16 58	16 44	26 14		n.a.
S 3	19 31	26 4	2 41	21 59	1 53	13 51	0 41	25 29	3 8	23 56	0 28	21 50	0 31	24 24	0 29	23 45	0 7	13 46	3 18	17 0	16 45	26 15		n.a.
M 4	19 45	22 52	1 32	22 24	1 55	14 18	0 39	25 27	3 10	23 56	0 29	21 49	0 31	24 24	0 29	23 45	0 7	13 46	3 18	17 1	16 46	26 16		n.a.
T 5	20 0	18 25	0 20	22 48	1 57	14 44	0 36	25 26	3 12	23 56	0 29	21 49	0 31	24 24	0 29	23 45	0 7	13 46	3 18	17 1	16 47	26 17		n.a.
W 6	20 14	13 10	0n51	23 10	1 59	15 10	0 34	25 24	3 14	23 55	0 29	21 48	0 31	24 24	0 29	23 45	0 7	13 45	3 18	17 1	16 47	26 18		n.a.
T 7	20 27	7 29	1 57	23 31	2 0	15 36	0 32	25 22	3 16	23 55	0 29	21 47	0 31	24 24	0 29	23 45	0 7	13 45	3 18	17 1	16 48	26 19		n.a.
F 8	20 41	1 40	2 56	23 51	2 1	16 1	0 29	25 20	3 18	23 54	0 29	21 47	0 30	24 24	0 29	23 45	0 7	13 45	3 17	17 1	16 49	26 20		n.a.
S 9	20 53	4n 6	3 45	24 9	2 1	16 26	0 27	25 18	3 20	23 54	0 30	21 46	0 30	24 24	0 29	23 45	0 7	13 44	3 17	17 3	16 50	26 21		n.a.
S 10	21 6	9 37	4 22	24 25	2 1	16 50	0 24	25 16	3 22	23 53	0 30	21 45	0 30	24 24	0 29	23 45	0 7	13 44	3 17	17 4	16 51	26 22		n.a.
M11	21 18	14 42	4 48	24 39	2 0	17 14	0 22	25 13	3 24	23 53	0 30	21 45	0 30	24 24	0 29	23 45	0 7	13 44	3 17	17 7	16 52	26 23		n.a.
T 12	21 30	19 10	5 0	24 52	1 58	17 37	0 19	25 11	3 25	23 52	0 30	21 44	0 30	24 24	0 29	23 44	0 7	13 44	3 17	17 11	16 53	26 24		n.a.
W13	21 41	22 52	4 59	25 2	1 57	18 0	0 17	25 8	3 27	23 52	0 30	21 43	0 30	24 24	0 29	23 44	0 7	13 43	3 17	17 15	16 54	26 25		n.a.
T 14	21 52	25 36	4 45	25 11	1 54	18 22	0 14	25 5	3 28	23 51	0 30	21 43	0 30	24 24	0 29	23 44	0 7	13 43	3 17	17 18	16 55	26 26		n.a.
F 15	22 2	27 11	4 19	25 17	1 51	18 44	0 12	25 2	3 29	23 51	0 31	21 42	0 30	24 24	0 29	23 44	0 7	13 43	3 17	17 22	16 56	26 27		n.a.
S 16	22 12	27 32	3 41	25 22	1 47	19 6	0 10	24 58	3 31	23 50	0 31	21 41	0 30	24 24	0 29	23 44	0 7	13 43	3 17	17 25	16 57	26 28		n.a.
S 17	22 21	26 36	2 54	25 24	1 43	19 27	0 7	24 55	3 32	23 49	0 31	21 41	0 29	24 24	0 29	23 44	0 7	13 42	3 17	17 28	16 58	26 29		n.a.
M18	22 30	24 26	1 58	25 25	1 37	19 47	0 5	24 51	3 33	23 49	0 31	21 40	0 29	24 24	0 29	23 44	0 7	13 42	3 17	17 29	16 59	26 29		n.a.
T 19	22 39	21 9	0 57	25 23	1 31	20 7	0 2	24 48	3 34	23 48	0 31	21 39	0 29	24 24	0 29	23 44	0 7	13 42	3 17	17 30	17 0	26 30		n.a.
W20	22 47	16 54	0s 8	25 18	1 24	20 26	0s 0	24 44	3 35	23 48	0 31	21 39	0 29	24 24	0 29	23 44	0 7	13 42	3 16	17 30	17 1	26 31		n.a.
T 21	22 55	11 52	1 15	25 12	1 16	20 45	0 3	24 40	3 36	23 47	0 32	21 38	0 29	24 24	0 29	23 44	0 7	13 41	3 16	17 30	17 2	26 32		n.a.
F 22	23 2	6 13	2 19	25 3	1 8	21 3	0 5	24 36	3 36	23 46	0 32	21 37	0 29	24 24	0 29	23 44	0 7	13 41	3 16	17 30	17 2	26 33		n.a.
S 23	23 9	0 9	3 17	24 53	0 58	21 20	0 8	24 32	3 37	23 46	0 32	21 37	0 29	24 24	0 29	23 44	0 7	13 41	3 16	17 30	17 3	26 34		n.a.
S 24	23 15	6s 6	4 7	24 40	0 48	21 37	0 10	24 28	3 37	23 45	0 32	21 36	0 29	24 24	0 29	23 44	0 7	13 41	3 16	17 30	17 4	26 35		n.a.
M25	23 21	12 17	4 44	24 26	0 36	21 53	0 12	24 24	3 38	23 44	0 32	21 35	0 29	24 24	0 29	23 44	0 7	13 41	3 16	17 31	17 5	26 35		n.a.
T 26	23 27	17 59	5 3	24 10	0 24	22 9	0 15	24 20	3 38	23 44	0 32	21 35	0 28	24 24	0 29	23 44	0 7	13 40	3 16	17 33	17 6	26 36		n.a.
W27	23 32	22 46	5 4	23 53	0 11	22 24	0 17	24 16	3 39	23 43	0 32	21 34	0 28	24 24	0 29	23 44	0 7	13 40	3 16	17 35	17 7	26 37		n.a.
T 28	23 36	26 6	4 42	23 34	0n 3	22 38	0 19	24 12	3 39	23 42	0 33	21 33	0 28	24 24	0 29	23 44	0 7	13 40	3 16	17 38	17 8	26 38		n.a.
F 29	23 40	27 32	4 1	23 15	0 18	22 51	0 22	24 8	3 39	23 41	0 33	21 33	0 28	24 24	0 29	23 44	0 7	13 40	3 16	17 40	17 9	26 39		n.a.
S 30	23 44	26 53	3 3	22 55	0 33	23 4	0 24	24 4	3 39	23 41	0 33	21 32	0 28	24 24	0 29	23 44	0 6	13 40	3 15	17 42	17 10	26 40		n.a.
S 31	23s47	24s16	1s53	22s35	0n49	23s16	0s26	24n 0	3n39	23n40	0n33	21n31	0s28	24s23	0s29	23n44	0s 6	13n39	3s15	17s43	17s11	26n40		n.a.

Julian Day Number = 979569.5, Delta T = 13h15m29s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'25, Lahiri = -31°57'25 Julian Calendar 1 Dec. 2032 BCE == Greg. Calendar 14 Nov. 2032 BCE

The year -2031 astronomical counting style corresponds to year 2032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

JANUARY 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 33 5	24♐51'57	4♒32	12♑27	14♐22	29°R10	15°R21	7°R15	2♑ 7	25°R 2	15°R19	11°D22	13♒12	7♊54	n.a.	M 1
T 2	5 37 2	25°52'30	18°39	12°57	15°37	28♉54	15♊13	7♊10	2°10	25♊ 0	15♉18	11♒22	13° 9	8° 1	n.a.	T 2
W 3	5 40 59	26°53'01	2♓17	13°19	16°52	28°38	15° 5	7° 6	2°14	24°59	15°18	11°24	13° 6	8° 8	n.a.	W 3
T 4	5 44 55	27°53'29	15°28	13°30	18° 7	28°23	14°58	7° 1	2°17	24°57	15°17	11°25	13° 3	8°14	n.a.	T 4
F 5	5 48 52	28°53'56	28°15	13°R30	19°22	28° 9	14°50	6°57	2°21	24°55	15°16	11°R26	13° 0	8°21	n.a.	F 5
S 6	5 52 48	29°54'20	10♈43	13°21	20°37	27°56	14°42	6°52	2°24	24°54	15°15	11°25	12°57	8°28	n.a.	S 6
S 7	5 56 45	0♑54'42	22°55	13° 1	21°51	27°44	14°35	6°48	2°28	24°52	15°14	11°22	12°53	8°34	n.a.	S 7
M 8	6 0 41	1°55'02	4♉57	12°33	23° 6	27°32	14°28	6°44	2°31	24°50	15°13	11°18	12°50	8°41	n.a.	M 8
T 9	6 4 38	2°55'20	16°52	11°55	24°21	27°21	14°20	6°40	2°34	24°49	15°12	11°12	12°47	8°48	n.a.	T 9
W10	6 8 34	3°55'36	28°44	11° 9	25°36	27°11	14°13	6°36	2°38	24°47	15°12	11° 5	12°44	8°55	n.a.	W10
T 11	6 12 31	4°55'49	10♊35	10°17	26°50	27° 2	14° 6	6°32	2°41	24°45	15°11	10°58	12°41	9° 1	n.a.	T 11
F 12	6 16 28	5°56'01	22°28	9°20	28° 5	26°53	13°59	6°28	2°45	24°44	15°10	10°52	12°37	9° 8	n.a.	F 12
S 13	6 20 24	6°56'11	4♋24	8°19	29°20	26°45	13°52	6°24	2°48	24°42	15°10	10°46	12°34	9°15	n.a.	S 13
S 14	6 24 21	7°56'18	16°25	7°16	0♑34	26°38	13°46	6°20	2°52	24°40	15° 9	10°42	12°31	9°21	n.a.	S 14
M15	6 28 17	8°56'23	28°33	6°12	1°49	26°32	13°39	6°16	2°55	24°39	15° 8	10°39	12°28	9°28	n.a.	M15
T 16	6 32 14	9°56'27	10♌49	5°10	3° 4	26°27	13°33	6°13	2°59	24°37	15° 7	10°D39	12°25	9°35	n.a.	T 16
W17	6 36 10	10°56'28	23°16	4° 9	4°18	26°22	13°26	6° 9	3° 2	24°35	15° 7	10°39	12°22	9°42	n.a.	W17
T 18	6 40 7	11°56'28	5♍55	3°12	5°33	26°18	13°20	6° 6	3° 5	24°34	15° 6	10°41	12°18	9°48	n.a.	T 18
F 19	6 44 3	12°56'26	18°49	2°20	6°48	26°15	13°14	6° 2	3° 9	24°32	15° 6	10°43	12°15	9°55	n.a.	F 19
S 20	6 48 0	13°56'21	2♎ 2	1°32	8° 2	26°13	13° 8	5°59	3°12	24°31	15° 5	10°44	12°12	10° 2	n.a.	S 20
S 21	6 51 56	14°56'15	15°34	0°51	9°17	26°11	13° 2	5°56	3°16	24°29	15° 4	10°R44	12° 9	10° 8	n.a.	S 21
M22	6 55 53	15°56'07	29°29	0°16	10°32	26°11	12°56	5°52	3°19	24°28	15° 4	10°44	12° 6	10°15	n.a.	M22
T 23	6 59 50	16°55'58	13♏45	29♐48	11°46	26°D11	12°51	5°49	3°22	24°26	15° 3	10°42	12° 3	10°22	n.a.	T 23
W24	7 3 46	17°55'46	28°20	29°26	13° 1	26°11	12°45	5°46	3°26	24°25	15° 3	10°39	11°59	10°29	n.a.	W24
T 25	7 7 43	18°55'33	13♐10	29°11	14°15	26°13	12°40	5°43	3°29	24°23	15° 2	10°36	11°56	10°35	n.a.	T 25
F 26	7 11 39	19°55'18	28° 8	29° 3	15°30	26°15	12°35	5°41	3°33	24°22	15° 2	10°34	11°53	10°42	n.a.	F 26
S 27	7 15 36	20°55'01	13♑ 6	29°D 0	16°44	26°18	12°30	5°38	3°36	24°20	15° 2	10°31	11°50	10°49	n.a.	S 27
S 28	7 19 32	21°54'41	27°54	29° 4	17°59	26°21	12°25	5°35	3°39	24°19	15° 1	10°30	11°47	10°55	n.a.	S 28
M29	7 23 29	22°54'19	12♒26	29°14	19°13	26°26	12°20	5°33	3°42	24°17	15° 1	10°D30	11°43	11° 2	n.a.	M29
T 30	7 27 25	23°53'55	26°36	29°29	20°28	26°31	12°16	5°30	3°46	24°16	15° 1	10°30	11°40	11° 9	n.a.	T 30
W31	7 31 22	24♑53'29	10♓20	29♐50	21♑42	26♉36	12♊12	5♊28	3♑49	24♊14	15♉ 0	10♒31	11♒37	11♊15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23 s50	20 s 7	0 s37	22 s14	1n 6	23 s28	0 s29	23n56	3n39	23n39	0n33	21n31	0 s28	24 s23	0 s29	23n44	0 s 6	13n39	3 s15	17 s43	17 s12	26n41			n.a.
T 2	23 52	14 55	0n39	21 54	1 23	23 39	0 31	23 52	3 39	23 38	0 33	21 30	0 28	24 23	0 29	23 43	0 6	13 39	3 15	17 43	17 13	26 42			n.a.
W 3	23 53	9 10	1 51	21 35	1 40	23 49	0 33	23 49	3 39	23 38	0 33	21 29	0 27	24 23	0 29	23 43	0 6	13 39	3 15	17 43	17 14	26 43			n.a.
T 4	23 55	3 11	2 54	21 17	1 57	23 58	0 35	23 45	3 38	23 37	0 34	21 29	0 27	24 23	0 29	23 43	0 6	13 39	3 15	17 43	17 15	26 43			n.a.
F 5	23 55	2n44	3 46	21 0	2 14	24 7	0 37	23 41	3 38	23 36	0 34	21 28	0 27	24 23	0 29	23 43	0 6	13 39	3 15	17 42	17 15	26 44			n.a.
S 6	23 56	8 24	4 27	20 45	2 31	24 15	0 39	23 38	3 37	23 35	0 34	21 27	0 27	24 23	0 29	23 43	0 6	13 39	3 15	17 43	17 16	26 45			n.a.
S 7	23 55	13 37	4 54	20 31	2 46	24 22	0 41	23 34	3 37	23 35	0 34	21 27	0 27	24 23	0 29	23 43	0 6	13 38	3 15	17 43	17 17	26 46			n.a.
M 8	23 55	18 15	5 8	20 19	3 1	24 28	0 43	23 31	3 36	23 34	0 34	21 26	0 27	24 23	0 29	23 43	0 6	13 38	3 14	17 44	17 18	26 46			n.a.
T 9	23 54	22 8	5 8	20 9	3 15	24 34	0 45	23 28	3 36	23 33	0 34	21 26	0 27	24 23	0 29	23 43	0 6	13 38	3 14	17 46	17 19	26 47			n.a.
W10	23 52	25 5	4 55	20 1	3 26	24 39	0 47	23 25	3 35	23 32	0 34	21 25	0 27	24 23	0 29	23 43	0 6	13 38	3 14	17 48	17 20	26 48			n.a.
T 11	23 50	26 56	4 30	19 55	3 37	24 43	0 49	23 22	3 35	23 32	0 34	21 25	0 26	24 23	0 29	23 43	0 6	13 38	3 14	17 50	17 21	26 49			n.a.
F 12	23 48	27 35	3 52	19 51	3 45	24 46	0 51	23 19	3 34	23 31	0 34	21 24	0 26	24 23	0 29	23 43	0 6	13 38	3 14	17 52	17 22	26 49			n.a.
S 13	23 45	26 56	3 5	19 49	3 51	24 49	0 53	23 17	3 33	23 30	0 35	21 23	0 26	24 23	0 29	23 43	0 6	13 38	3 14	17 53	17 23	26 50			n.a.
S 14	23 41	25 1	2 8	19 49	3 55	24 51	0 55	23 14	3 32	23 29	0 35	21 23	0 26	24 23	0 29	23 43	0 6	13 38	3 14	17 55	17 24	26 51			n.a.
M15	23 37	21 57	1 6	19 51	3 56	24 52	0 57	23 12	3 31	23 29	0 35	21 22	0 26	24 23	0 29	23 43	0 6	13 38	3 14	17 55	17 25	26 51			n.a.
T 16	23 33	17 52	0 s 1	19 54	3 56	24 52	0 58	23 10	3 31	23 28	0 35	21 22	0 26	24 22	0 29	23 43	0 6	13 37	3 13	17 55	17 26	26 52			n.a.
W17	23 28	12 58	1 9	19 59	3 53	24 51	1 0	23 8	3 30	23 27	0 35	21 21	0 26	24 22	0 29	23 43	0 6	13 37	3 13	17 55	17 26	26 53			n.a.
T 18	23 23	7 27	2 14	20 5	3 49	24 50	1 2	23 6	3 29	23 27	0 35	21 21	0 25	24 22	0 29	23 43	0 6	13 37	3 13	17 55	17 27	26 53			n.a.
F 19	23 17	1 32	3 14	20 12	3 43	24 48	1 3	23 4	3 28	23 26	0 35	21 20	0 25	24 22	0 29	23 43	0 6	13 37	3 13	17 54	17 28	26 54			n.a.
S 20	23 11	4 s34	4 6	20 20	3 35	24 45	1 5	23 3	3 27	23 25	0 35	21 20	0 25	24 22	0 29	23 43	0 6	13 37	3 13	17 54	17 29	26 55			n.a.
S 21	23 4	10 37	4 45	20 30	3 26	24 42	1 6	23 1	3 26	23 25	0 35	21 20	0 25	24 22	0 29	23 43	0 6	13 37	3 13	17 54	17 30	26 55			n.a.
M22	22 57	16 18	5 8	20 40	3 16	24 38	1 8	23 0	3 25	23 24	0 35	21 19	0 25	24 22	0 29	23 42	0 6	13 37	3 13	17 54	17 31	26 56			n.a.
T 23	22 50	21 16	5 14	20 51	3 5	24 32	1 9	22 59	3 24	23 23	0 35	21 19	0 25	24 22	0 29	23 42	0 6	13 37	3 13	17 55	17 32	26 56			n.a.
W24	22 42	25 3	5 0	21 3	2 53	24 27	1 10	22 58	3 23	23 23	0 35	21 18	0 25	24 22	0 29	23 42	0 6	13 37	3 12	17 55	17 33	26 57			n.a.
T 25	22 34	27 14	4 25	21 15	2 41	24 20	1 12	22 58	3 22	23 22	0 36	21 18	0 24	24 22	0 29	23 42	0 6	13 37	3 12	17 56	17 34	26 58			n.a.
F 26	22 25	27 27	3 33	21 28	2 28	24 13	1 13	22 57	3 21	23 21	0 36	21 18	0 24	24 22	0 29	23 42	0 6	13 37	3 12	17 57	17 35	26 58			n.a.
S 27	22 16	25 41	2 25	21 41	2 15	24 5	1 14	22 57	3 20	23 21	0 36	21 17	0 24	24 22	0 29	23 42	0 6	13 37	3 12	17 58	17 35	26 59			n.a.
S 28	22 6	22 8	1 9	21 54	2 2	23 56	1 15	22 57	3 18	23 20	0 36	21 17	0 24	24 22	0 29	23 42	0 6	13 37	3 12	17 58	17 36	26 59			n.a.
M29	21 56	17 15	0n11	22 7	1 49	23 46	1 16	22 57	3 17	23 20	0 36	21 17	0 24	24 21	0 29	23 42	0 6	13 37	3 12	17 58	17 37	27 0			n.a.
T 30	21 46	11 32	1 28	22 20	1 36	23 36	1 17	22 57	3 16	23 19	0 36	21 16	0 24	24 21	0 29	23 42	0 6	13 37	3 12	17 58	17 38	27 0			n.a.
W31	21 s35	5 s25	2n38	22 s33	1n23	23 s25	1 s18	22n57	3n15	23n19	0n36	21n16	0 s24	24 s21	0 s29	23n42	0 s 6	13n37	3 s12	17 s58	17 s39	27n 1			n.a.

Julian Day Number = 979600.5, Delta T = 13h15m27s
Ecliptic obliquity = 23°55'44, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'21, Lahiri = -31°57'21 Julian Calendar 1 Jan. 2031 BCE == Greg. Calendar 15 Dec. 2032 BCE

The year -2030 astronomical counting style corresponds to year 2031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

FEBRUARY 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 35 19	25♉52'59	23♓39	0♉15	22♉57	26♉42	12°R 8	5°R26	3♉52	24°R13	15°R 0	10♒32	11♒34	11♊22	n.a.	T 1
F 2	7 39 15	26°52'28	6♈33	0°45	24°11	26°49	12♊ 4	5♊23	3°56	24♊12	15♉ 0	10°34	11°31	11°29	n.a.	F 2
S 3	7 43 12	27°51'54	19° 6	1°19	25°26	26°57	12° 0	5°21	3°59	24°10	14°59	10°34	11°28	11°36	n.a.	S 3
S 4	7 47 8	28°51'17	1♉22	1°58	26°40	27° 5	11°56	5°19	4° 2	24° 9	14°59	10°R34	11°24	11°42	n.a.	S 4
M 5	7 51 5	29°50'38	13°25	2°40	27°55	27°14	11°53	5°18	4° 5	24° 8	14°59	10°34	11°21	11°49	n.a.	M 5
T 6	7 55 1	0♒49'57	25°20	3°26	29° 9	27°23	11°50	5°16	4° 8	24° 6	14°59	10°33	11°18	11°56	n.a.	T 6
W 7	7 58 58	1°49'13	7♊12	4°16	0♒23	27°33	11°47	5°14	4°12	24° 5	14°59	10°32	11°15	12° 2	n.a.	W 7
T 8	8 2 54	2°48'27	19° 3	5° 8	1°38	27°44	11°44	5°13	4°15	24° 4	14°58	10°31	11°12	12° 9	n.a.	T 8
F 9	8 6 51	3°47'38	0♋58	6° 4	2°52	27°55	11°41	5°11	4°18	24° 3	14°58	10°30	11° 9	12°16	n.a.	F 9
S 10	8 10 47	4°46'47	12°59	7° 3	4° 6	28° 6	11°39	5°10	4°21	24° 1	14°58	10°29	11° 5	12°23	n.a.	S 10
S 11	8 14 44	5°45'54	25° 9	8° 4	5°21	28°19	11°36	5° 9	4°24	24° 0	14°58	10°29	11° 2	12°29	n.a.	S 11
M12	8 18 41	6°44'58	7♌30	9° 8	6°35	28°31	11°34	5° 8	4°27	23°59	14°58	10°D29	10°59	12°36	n.a.	M12
T 13	8 22 37	7°44'01	20° 3	10°14	7°49	28°44	11°32	5° 7	4°30	23°58	14°58	10°29	10°56	12°43	n.a.	T 13
W14	8 26 34	8°43'00	2♍48	11°23	9° 3	28°58	11°31	5° 6	4°33	23°57	14°D58	10°29	10°53	12°49	n.a.	W14
T 15	8 30 30	9°41'58	15°47	12°34	10°18	29°12	11°29	5° 5	4°36	23°56	14°58	10°29	10°49	12°56	n.a.	T 15
F 16	8 34 27	10°40'54	29° 0	13°47	11°32	29°27	11°28	5° 4	4°39	23°55	14°58	10°R29	10°46	13° 3	n.a.	F 16
S 17	8 38 23	11°39'48	12♎27	15° 2	12°46	29°42	11°26	5° 4	4°42	23°54	14°58	10°29	10°43	13° 9	n.a.	S 17
S 18	8 42 20	12°38'39	26° 7	16°19	14° 0	29°58	11°25	5° 3	4°45	23°53	14°58	10°29	10°40	13°16	n.a.	S 18
M19	8 46 16	13°37'29	10♏ 2	17°38	15°15	0♊14	11°25	5° 3	4°48	23°52	14°58	10°D29	10°37	13°23	n.a.	M19
T 20	8 50 13	14°36'18	24° 9	18°59	16°29	0°30	11°24	5° 3	4°51	23°51	14°58	10°29	10°34	13°30	n.a.	T 20
W21	8 54 9	15°35'04	8♐28	20°22	17°43	0°47	11°24	5° 3	4°53	23°50	14°59	10°29	10°30	13°36	n.a.	W21
T 22	8 58 6	16°33'49	22°55	21°46	18°57	1° 5	11°23	5°D 3	4°56	23°49	14°59	10°29	10°27	13°43	n.a.	T 22
F 23	9 2 3	17°32'31	7♑26	23°13	20°11	1°22	11°D23	5° 3	4°59	23°48	14°59	10°30	10°24	13°50	n.a.	F 23
S 24	9 5 59	18°31'12	21°57	24°41	21°25	1°41	11°23	5° 3	5° 2	23°47	14°59	10°30	10°21	13°56	n.a.	S 24
S 25	9 9 56	19°29'51	6♒22	26°11	22°40	1°59	11°24	5° 3	5° 4	23°47	15° 0	10°R31	10°18	14° 3	n.a.	S 25
M26	9 13 52	20°28'27	20°36	27°42	23°54	2°18	11°24	5° 3	5° 7	23°46	15° 0	10°31	10°15	14°10	n.a.	M26
T 27	9 17 49	21°27'02	4♓34	29°15	25° 8	2°37	11°25	5° 4	5°10	23°45	15° 0	10°30	10°11	14°16	n.a.	T 27
W28	9 21 45	22♒25'34	18♓13	0♒50	26♒22	2♊57	11♊26	5♊ 5	5♉12	23♊44	15♉ 0	10♒29	10♒ 8	14♊23	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s24	0n44	3n36	22 s46	1n10	23 s14	1 s19	22n57	3n14	23n18	0n36	21n16	0 s23	24 s21	0 s29	23n42	0 s 6	13n37	3 s11	17 s57	17 s40	27n 2		n.a.
F 2	21 13	6 39	4 23	22 58	0 57	23 1	1 20	22 58	3 13	23 18	0 36	21 15	0 23	24 21	0 29	23 42	0 6	13 37	3 11	17 57	17 41	27 2		n.a.
S 3	21 1	12 9	4 55	23 11	0 45	22 48	1 20	22 59	3 12	23 17	0 36	21 15	0 23	24 21	0 29	23 42	0 6	13 37	3 11	17 57	17 42	27 3		n.a.
S 4	20 48	17 3	5 12	23 22	0 33	22 35	1 21	22 59	3 10	23 17	0 36	21 15	0 23	24 21	0 29	23 42	0 6	13 37	3 11	17 57	17 43	27 3		n.a.
M 5	20 36	21 12	5 16	23 33	0 21	22 20	1 22	23 0	3 9	23 16	0 36	21 15	0 23	24 21	0 29	23 42	0 6	13 37	3 11	17 57	17 44	27 4		n.a.
T 6	20 23	24 26	5 6	23 43	0 10	22 5	1 22	23 1	3 8	23 16	0 36	21 15	0 23	24 21	0 29	23 42	0 6	13 37	3 11	17 57	17 44	27 4		n.a.
W 7	20 10	26 36	4 43	23 53	0 s 1	21 50	1 23	23 3	3 7	23 15	0 36	21 14	0 23	24 21	0 29	23 42	0 6	13 38	3 11	17 57	17 45	27 5		n.a.
T 8	19 56	27 35	4 8	24 2	0 12	21 33	1 23	23 4	3 6	23 15	0 36	21 14	0 22	24 21	0 29	23 42	0 6	13 38	3 10	17 58	17 46	27 5		n.a.
F 9	19 42	27 17	3 22	24 9	0 22	21 16	1 24	23 5	3 4	23 15	0 36	21 14	0 22	24 21	0 29	23 42	0 6	13 38	3 10	17 58	17 47	27 6		n.a.
S 10	19 28	25 43	2 27	24 16	0 32	20 59	1 24	23 7	3 3	23 15	0 36	21 14	0 22	24 20	0 29	23 42	0 6	13 38	3 10	17 58	17 48	27 6		n.a.
S 11	19 13	22 55	1 24	24 22	0 42	20 41	1 24	23 9	3 2	23 14	0 36	21 14	0 22	24 20	0 29	23 42	0 6	13 38	3 10	17 58	17 49	27 7		n.a.
M12	18 58	19 2	0 16	24 27	0 51	20 22	1 24	23 10	3 1	23 14	0 36	21 14	0 22	24 20	0 29	23 42	0 6	13 38	3 10	17 58	17 50	27 7		n.a.
T 13	18 43	14 16	0 s53	24 31	0 59	20 3	1 25	23 12	3 0	23 14	0 36	21 14	0 22	24 20	0 29	23 41	0 6	13 38	3 10	17 58	17 51	27 7		n.a.
W14	18 27	8 49	2 1	24 33	1 8	19 43	1 25	23 14	2 59	23 14	0 36	21 14	0 22	24 20	0 29	23 41	0 6	13 38	3 10	17 58	17 52	27 8		n.a.
T 15	18 11	2 54	3 4	24 34	1 15	19 23	1 25	23 16	2 57	23 13	0 37	21 14	0 21	24 20	0 29	23 41	0 6	13 38	3 10	17 58	17 52	27 8		n.a.
F 16	17 55	3 s13	3 58	24 34	1 23	19 2	1 25	23 19	2 56	23 13	0 37	21 14	0 21	24 20	0 29	23 41	0 6	13 39	3 9	17 58	17 53	27 9		n.a.
S 17	17 38	9 18	4 40	24 33	1 30	18 40	1 24	23 21	2 55	23 13	0 37	21 14	0 21	24 20	0 29	23 41	0 6	13 39	3 9	17 58	17 54	27 9		n.a.
S 18	17 21	15 2	5 7	24 30	1 36	18 18	1 24	23 23	2 54	23 13	0 37	21 14	0 21	24 20	0 29	23 41	0 6	13 39	3 9	17 58	17 55	27 10		n.a.
M19	17 4	20 7	5 17	24 25	1 42	17 56	1 24	23 26	2 53	23 13	0 37	21 14	0 21	24 20	0 29	23 41	0 6	13 39	3 9	17 58	17 56	27 10		n.a.
T 20	16 47	24 10	5 8	24 20	1 48	17 33	1 24	23 28	2 52	23 13	0 37	21 14	0 21	24 20	0 29	23 41	0 6	13 39	3 9	17 58	17 57	27 10		n.a.
W21	16 29	26 46	4 40	24 12	1 53	17 9	1 23	23 31	2 51	23 13	0 37	21 14	0 21	24 20	0 29	23 41	0 6	13 39	3 9	17 58	17 58	27 11		n.a.
T 22	16 12	27 38	3 54	24 3	1 57	16 45	1 23	23 33	2 49	23 13	0 37	21 14	0 21	24 19	0 29	23 41	0 6	13 40	3 9	17 58	17 59	27 11		n.a.
F 23	15 53	26 36	2 53	23 53	2 1	16 21	1 22	23 36	2 48	23 13	0 37	21 15	0 20	24 19	0 29	23 41	0 6	13 40	3 8	17 58	18 0	27 11		n.a.
S 24	15 35	23 46	1 41	23 40	2 5	15 56	1 22	23 39	2 47	23 13	0 37	21 15	0 20	24 19	0 29	23 41	0 6	13 40	3 8	17 58	18 0	27 12		n.a.
S 25	15 16	19 26	0 23	23 27	2 8	15 31	1 21	23 41	2 46	23 13	0 37	21 15	0 20	24 19	0 29	23 41	0 6	13 40	3 8	17 58	18 1	27 12		n.a.
M26	14 58	14 2	0n56	23 11	2 11	15 5	1 21	23 44	2 45	23 13	0 37	21 15	0 20	24 19	0 29	23 41	0 6	13 40	3 8	17 58	18 2	27 13		n.a.
T 27	14 38	8 2	2 9	22 54	2 13	14 39	1 20	23 47	2 44	23 13	0 37	21 15	0 20	24 19	0 30	23 41	0 6	13 41	3 8	17 58	18 3	27 13		n.a.
W28	14 s19	1 s47	3n14	22 s34	2 s15	14 s13	1 s19	23n50	2n43	23n13	0n37	21n16	0 s20	24 s19	0 s30	23n41	0 s 6	13n41	3 s 8	17 s58	18 s 4	27n13		n.a.

Julian Day Number = 979631.5, Delta T = 13h15m25s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'17, Lahiri = -31°57'17 Julian Calendar 1 Feb. 2031 BCE == Greg. Calendar 15 Jan. 2031 BCE

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

MARCH 2031 BCE (-2030) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 25 42	23♒24'04	1♈31	2♒26	27♒36	3♊17	11♊27	5♊ 5	5♋15	23°R44	15♉ 1	10°R27	10♒ 5	14♊30	n.a.	T 1
F 2	9 29 38	24°22'32	14°27	4° 4	28°50	3°38	11°28	5° 6	5°17	23♊43	15° 1	10♒25	10° 2	14°37	n.a.	F 2
S 3	9 33 35	25°20'57	27° 4	5°43	0♓ 4	3°59	11°30	5° 7	5°20	23°42	15° 2	10°24	9°59	14°43	n.a.	S 3
S 4	9 37 31	26°19'21	9♉23	7°25	1°18	4°20	11°31	5° 8	5°22	23°42	15° 2	10°22	9°55	14°50	n.a.	S 4
M 5	9 41 28	27°17'42	21°28	9° 7	2°32	4°41	11°33	5° 9	5°25	23°41	15° 2	10°21	9°52	14°57	n.a.	M 5
T 6	9 45 25	28°16'01	3♊24	10°52	3°46	5° 3	11°35	5°11	5°27	23°41	15° 3	10°D21	9°49	15° 3	n.a.	T 6
W 7	9 49 21	29°14'17	15°16	12°38	5° 0	5°25	11°37	5°12	5°30	23°40	15° 3	10°22	9°46	15°10	n.a.	W 7
T 8	9 53 18	0♓12'32	27° 8	14°26	6°14	5°48	11°40	5°14	5°32	23°40	15° 4	10°23	9°43	15°17	n.a.	T 8
F 9	9 57 14	1°10'44	9♋ 5	16°15	7°28	6°11	11°42	5°15	5°34	23°39	15° 4	10°25	9°40	15°23	n.a.	F 9
S 10	10 1 11	2° 8'54	21°11	18° 6	8°42	6°34	11°45	5°17	5°36	23°39	15° 5	10°26	9°36	15°30	n.a.	S 10
S 11	10 5 7	3° 7'02	3♌29	19°59	9°56	6°57	11°48	5°19	5°39	23°38	15° 6	10°27	9°33	15°37	n.a.	S 11
M12	10 9 4	4° 5'08	16° 2	21°53	11°10	7°21	11°51	5°21	5°41	23°38	15° 6	10°R27	9°30	15°44	n.a.	M12
T 13	10 13 0	5° 3'11	28°52	23°49	12°23	7°45	11°54	5°23	5°43	23°38	15° 7	10°26	9°27	15°50	n.a.	T 13
W14	10 16 57	6° 1'13	11♍59	25°47	13°37	8° 9	11°58	5°25	5°45	23°38	15° 7	10°24	9°24	15°57	n.a.	W14
T 15	10 20 53	6°59'13	25°23	27°46	14°51	8°33	12° 1	5°27	5°47	23°37	15° 8	10°21	9°21	16° 4	n.a.	T 15
F 16	10 24 50	7°57'12	9♎ 1	29°47	16° 5	8°58	12° 5	5°29	5°49	23°37	15° 9	10°17	9°17	16°10	n.a.	F 16
S 17	10 28 47	8°55'08	22°51	1♐50	17°19	9°23	12° 9	5°32	5°51	23°37	15° 9	10°13	9°14	16°17	n.a.	S 17
S 18	10 32 43	9°53'04	6♏51	3°53	18°33	9°48	12°13	5°34	5°53	23°37	15°10	10° 9	9°11	16°24	n.a.	S 18
M19	10 36 40	10°50'57	20°58	5°59	19°46	10°14	12°17	5°37	5°55	23°37	15°11	10° 6	9° 8	16°30	n.a.	M19
T 20	10 40 36	11°48'50	5♐ 8	8° 5	21° 0	10°39	12°22	5°39	5°57	23°37	15°12	10° 5	9° 5	16°37	n.a.	T 20
W21	10 44 33	12°46'41	19°20	10°13	22°14	11° 5	12°26	5°42	5°59	23°36	15°13	10°D 5	9° 1	16°44	n.a.	W21
T 22	10 48 29	13°44'31	3♑32	12°21	23°28	11°32	12°31	5°45	6° 0	23°D36	15°13	10° 6	8°58	16°51	n.a.	T 22
F 23	10 52 26	14°42'19	17°40	14°30	24°41	11°58	12°36	5°48	6° 2	23°36	15°14	10° 7	8°55	16°57	n.a.	F 23
S 24	10 56 22	15°40'06	1♒45	16°40	25°55	12°25	12°41	5°51	6° 4	23°37	15°15	10° 8	8°52	17° 4	n.a.	S 24
S 25	11 0 19	16°37'51	15°43	18°50	27° 9	12°52	12°46	5°54	6° 6	23°37	15°16	10°R 8	8°49	17°11	n.a.	S 25
M26	11 4 16	17°35'35	29°31	21° 0	28°22	13°19	12°51	5°58	6° 7	23°37	15°17	10° 7	8°46	17°17	n.a.	M26
T 27	11 8 12	18°33'18	13♓ 8	23°10	29°36	13°46	12°57	6° 1	6° 9	23°37	15°18	10° 4	8°42	17°24	n.a.	T 27
W28	11 12 9	19°30'59	26°31	25°19	0♈50	14°14	13° 2	6° 4	6°10	23°37	15°19	9°59	8°39	17°31	n.a.	W28
T 29	11 16 5	20°28'38	9♈37	27°28	2° 3	14°41	13° 8	6° 8	6°12	23°37	15°20	9°52	8°36	17°37	n.a.	T 29
F 30	11 20 2	21°26'16	22°27	29°35	3°17	15° 9	13°14	6°12	6°13	23°37	15°20	9°45	8°33	17°44	n.a.	F 30
S 31	11 23 58	22♓23'52	5♉ 0	1♈42	4♈31	15♊37	13♊20	6♊15	6♋14	23♊38	15♉21	9♒38	8♒30	17♊51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	14s 0	4n22	4n 6	22s13	2s16	13s46	1s18	23n53	2n42	23n13	0n37	21n16	0s20	24s19	0s30	23n41	0s 6	13n41	3s 8	17s59	18s 5	27n14					n.a.
F 2	13 40	10 10	4 44	21 51	2 17	13 19	1 17	23 56	2 41	23 14	0 37	21 16	0 19	24 19	0 30	23 41	0 6	13 41	3 8	17 59	18 6	27 14					n.a.
S 3	13 20	15 23	5 7	21 26	2 17	12 52	1 16	23 59	2 39	23 14	0 37	21 16	0 19	24 19	0 30	23 41	0 6	13 42	3 7	18 0	18 7	27 14					n.a.
S 4	13 0	19 53	5 16	20 59	2 17	12 24	1 15	24 2	2 38	23 14	0 37	21 17	0 19	24 19	0 30	23 41	0 6	13 42	3 7	18 0	18 7	27 14					n.a.
M 5	12 40	23 28	5 10	20 31	2 16	11 56	1 14	24 5	2 37	23 14	0 37	21 17	0 19	24 19	0 30	23 41	0 5	13 42	3 7	18 0	18 8	27 15					n.a.
T 6	12 19	26 1	4 51	20 1	2 14	11 27	1 13	24 8	2 36	23 15	0 37	21 17	0 19	24 19	0 30	23 41	0 5	13 42	3 7	18 0	18 9	27 15					n.a.
W 7	11 58	27 23	4 19	19 28	2 12	10 59	1 12	24 11	2 35	23 15	0 37	21 18	0 19	24 18	0 30	23 41	0 5	13 43	3 7	18 0	18 10	27 15					n.a.
T 8	11 38	27 30	3 37	18 54	2 10	10 30	1 11	24 14	2 34	23 15	0 37	21 18	0 19	24 18	0 30	23 41	0 5	13 43	3 7	18 0	18 11	27 16					n.a.
F 9	11 17	26 21	2 44	18 18	2 7	10 1	1 9	24 17	2 33	23 16	0 37	21 19	0 18	24 18	0 30	23 41	0 5	13 43	3 7	17 59	18 12	27 16					n.a.
S 10	10 55	23 56	1 44	17 40	2 3	9 31	1 8	24 20	2 32	23 16	0 37	21 19	0 18	24 18	0 30	23 41	0 5	13 43	3 7	17 59	18 13	27 16					n.a.
S 11	10 34	20 24	0 38	17 0	1 59	9 1	1 6	24 24	2 31	23 16	0 37	21 20	0 18	24 18	0 30	23 41	0 5	13 44	3 6	17 59	18 13	27 16					n.a.
M12	10 13	15 52	0s31	16 18	1 54	8 31	1 5	24 27	2 30	23 17	0 37	21 20	0 18	24 18	0 30	23 41	0 5	13 44	3 6	17 59	18 14	27 17					n.a.
T 13	9 51	10 33	1 39	15 34	1 49	8 1	1 3	24 30	2 29	23 17	0 37	21 21	0 18	24 18	0 30	23 41	0 5	13 44	3 6	17 59	18 15	27 17					n.a.
W14	9 29	4 41	2 45	14 48	1 43	7 31	1 2	24 33	2 28	23 18	0 37	21 21	0 18	24 18	0 30	23 41	0 5	13 45	3 6	18 0	18 16	27 17					n.a.
T 15	9 7	1s30	3 42	14 0	1 37	7 0	1 0	24 36	2 27	23 18	0 37	21 22	0 18	24 18	0 30	23 41	0 5	13 45	3 6	18 0	18 17	27 17					n.a.
F 16	8 45	7 44	4 28	13 11	1 30	6 30	0 59	24 39	2 26	23 19	0 37	21 22	0 18	24 18	0 30	23 41	0 5	13 45	3 6	18 2	18 18	27 17					n.a.
S 17	8 23	13 40	4 58	12 19	1 23	5 59	0 57	24 42	2 25	23 19	0 37	21 23	0 17	24 18	0 30	23 41	0 5	13 46	3 6	18 3	18 19	27 18					n.a.
S 18	8 1	18 58	5 12	11 26	1 15	5 28	0 55	24 45	2 24	23 20	0 37	21 23	0 17	24 18	0 30	23 41	0 5	13 46	3 5	18 4	18 19	27 18					n.a.
M19	7 39	23 17	5 7	10 32	1 6	4 57	0 53	24 48	2 23	23 20	0 37	21 24	0 17	24 18	0 30	23 41	0 5	13 46	3 5	18 4	18 20	27 18					n.a.
T 20	7 16	26 14	4 43	9 36	0 58	4 25	0 51	24 50	2 22	23 21	0 37	21 25	0 17	24 18	0 30	23 41	0 5	13 47	3 5	18 5	18 21	27 18					n.a.
W21	6 54	27 31	4 2	8 38	0 48	3 54	0 50	24 53	2 21	23 22	0 37	21 25	0 17	24 18	0 30	23 41	0 5	13 47	3 5	18 5	18 22	27 18					n.a.
T 22	6 31	26 59	3 7	7 40	0 39	3 22	0 48	24 56	2 20	23 22	0 37	21 26	0 17	24 17	0 30	23 41	0 5	13 47	3 5	18 5	18 23	27 18					n.a.
F 23	6 9	24 43	2 0	6 40	0 29	2 51	0 46	24 59	2 19	23 23	0 37	21 26	0 17	24 17	0 30	23 41	0 5	13 48	3 5	18 4	18 24	27 19					n.a.
S 24	5 46	20 55	0 46	5 39	0 19	2 19	0 44	25 1	2 18	23 24	0 37	21 27	0 17	24 17	0 30	23 41	0 5	13 48	3 5	18 4	18 25	27 19					n.a.
S 25	5 23	15 58	0n30	4 38	0 8	1 47	0 42	25 4	2 17	23 24	0 37	21 28	0 16	24 17	0 30	23 41	0 5	13 48	3 5	18 4	18 25	27 19					n.a.
M26	5 0	10 16	1 43	3 36	0n 2	1 16	0 39	25 7	2 16	23 25	0 37	21 29	0 16	24 17	0 30	23 41	0 5	13 49	3 5	18 4	18 26	27 19					n.a.
T 27	4 37	4 9	2 50	2 34	0 13	0 44	0 37	25 9	2 15	23 26	0 37	21 29	0 16	24 17	0 30	23 41	0 5	13 49	3 4	18 5	18 27	27 19					n.a.
W28	4 14	2n 1	3 45	1 32	0 24	0 12	0 35	25 12	2 14	23 26	0 37	21 30	0 16	24 17	0 30	23 41	0 5	13 50	3 4	18 7	18 28	27 19					n.a.
T 29	3 51	7 58	4 27	0 30	0 34	0n20	0 33	25 14	2 13	23 27	0 37	21 31	0 16	24 17	0 30	23 41	0 5	13 50	3 4	18 8	18 29	27 19					n.a.
F 30	3 28	13 27	4 55	0n31	0 45	0 52	0 31	25 16	2 12	23 28	0 37	21 31	0 16	24 17	0 30	23 41	0 5	13 50	3 4	18 10	18 30	27 19					n.a.
S 31	3s 5	18n16	5n 8	1n32	0n55	1n24	0s29	25n19	2n11	23n29	0n37	21n32	0s16	24s17	0s30	23n41	0s 5	13n51	3s 4	18s12	18s31	27n20					n.a.

Julian Day Number = 979659.5, Delta T = 13h15m23s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'13, Lahiri = -31°57'13 Julian Calendar 1 March 2031 BCE == Greg. Calendar 12 Feb. 2031 BCE

The year -2030 astronomical counting style corresponds to year 2031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

APRIL 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 27 55	23♓21'27	17♉17	3♈46	5♈44	16♊ 6	13♊27	6♊19	6♑16	23♊38	15♉22	9°R32	8♒26	17♊57	n.a.	S 1
M 2	11 31 51	24°19'00	29°22	5°49	6°58	16°34	13°33	6°23	6°17	23°38	15°23	9♒27	8°23	18° 4	n.a.	M 2
T 3	11 35 48	25°16'32	11♊18	7°49	8°11	17° 3	13°39	6°27	6°18	23°39	15°24	9°24	8°20	18°11	n.a.	T 3
W 4	11 39 44	26°14'02	23°10	9°48	9°25	17°32	13°46	6°31	6°20	23°39	15°26	9°D23	8°17	18°18	n.a.	W 4
T 5	11 43 41	27°11'30	5♋ 2	11°44	10°38	18° 1	13°53	6°35	6°21	23°40	15°27	9°23	8°14	18°24	n.a.	T 5
F 6	11 47 38	28° 8'57	16°59	13°37	11°52	18°30	14° 0	6°40	6°22	23°40	15°28	9°24	8°11	18°31	n.a.	F 6
S 7	11 51 34	29° 6'23	29° 6	15°28	13° 5	19° 0	14° 7	6°44	6°23	23°41	15°29	9°25	8° 7	18°38	n.a.	S 7
S 8	11 55 31	0♈ 3'46	11♌29	17°16	14°19	19°30	14°14	6°48	6°24	23°41	15°30	9°R26	8° 4	18°44	n.a.	S 8
M 9	11 59 27	1° 1'09	24°10	19° 1	15°32	19°59	14°22	6°53	6°25	23°42	15°31	9°25	8° 1	18°51	n.a.	M 9
T 10	12 3 24	1°58'30	7♍13	20°43	16°46	20°29	14°29	6°57	6°26	23°42	15°32	9°22	7°58	18°58	n.a.	T 10
W11	12 7 20	2°55'50	20°38	22°22	17°59	20°59	14°37	7° 2	6°27	23°43	15°33	9°16	7°55	19° 4	n.a.	W11
T 12	12 11 17	3°53'08	4♎25	23°58	19°12	21°30	14°44	7° 7	6°27	23°44	15°34	9° 9	7°52	19°11	n.a.	T 12
F 13	12 15 13	4°50'26	18°29	25°31	20°26	22° 0	14°52	7°12	6°28	23°44	15°36	9° 0	7°48	19°18	n.a.	F 13
S 14	12 19 10	5°47'42	2♏48	27° 1	21°39	22°31	15° 0	7°16	6°29	23°45	15°37	8°52	7°45	19°24	n.a.	S 14
S 15	12 23 7	6°44'58	17°13	28°28	22°52	23° 1	15° 8	7°21	6°30	23°46	15°38	8°44	7°42	19°31	n.a.	S 15
M16	12 27 3	7°42'13	1♐41	29°51	24° 6	23°32	15°16	7°26	6°30	23°46	15°39	8°37	7°39	19°38	n.a.	M16
T 17	12 31 0	8°39'28	16° 5	1♑12	25°19	24° 3	15°25	7°31	6°31	23°47	15°41	8°33	7°36	19°45	n.a.	T 17
W18	12 34 56	9°36'42	0♑22	2°29	26°32	24°35	15°33	7°37	6°31	23°48	15°42	8°31	7°32	19°51	n.a.	W18
T 19	12 38 53	10°33'55	14°29	3°43	27°46	25° 6	15°42	7°42	6°32	23°49	15°43	8°D31	7°29	19°58	n.a.	T 19
F 20	12 42 49	11°31'08	28°25	4°54	28°59	25°37	15°50	7°47	6°32	23°50	15°44	8°31	7°26	20° 5	n.a.	F 20
S 21	12 46 46	12°28'20	12♒11	6° 1	0♑12	26° 9	15°59	7°53	6°33	23°51	15°46	8°R31	7°23	20°11	n.a.	S 21
S 22	12 50 43	13°25'31	25°46	7° 4	1°25	26°41	16° 8	7°58	6°33	23°52	15°47	8°30	7°20	20°18	n.a.	S 22
M23	12 54 39	14°22'42	9♓10	8° 5	2°39	27°13	16°17	8° 4	6°33	23°53	15°48	8°27	7°17	20°25	n.a.	M23
T 24	12 58 36	15°19'53	22°24	9° 1	3°52	27°45	16°26	8° 9	6°34	23°54	15°50	8°21	7°13	20°31	n.a.	T 24
W25	13 2 32	16°17'02	5♈25	9°54	5° 5	28°17	16°35	8°15	6°34	23°55	15°51	8°12	7°10	20°38	n.a.	W25
T 26	13 6 29	17°14'12	18°15	10°43	6°18	28°49	16°45	8°21	6°34	23°56	15°52	8° 1	7° 7	20°45	n.a.	T 26
F 27	13 10 25	18°11'20	0♉51	11°29	7°31	29°22	16°54	8°26	6°34	23°57	15°54	7°49	7° 4	20°51	n.a.	F 27
S 28	13 14 22	19° 8'28	13°15	12°10	8°44	29°54	17° 3	8°32	6°34	23°58	15°55	7°37	7° 1	20°58	n.a.	S 28
S 29	13 18 18	20° 5'36	25°26	12°47	9°57	0♋27	17°13	8°38	6°R34	23°59	15°56	7°26	6°57	21° 5	n.a.	S 29
M30	13 22 15	21♈ 2'43	7♊27	13♉20	11♉11	1♋ 0	17♊23	8♊44	6♑34	24♊ 1	15♉58	7♒17	6♒54	21♊11	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s41	22n13	5n 6	2n31	1n 5	1n55	0s26	25n21	2n10	23n30	0n37	21n33	0s16	24s17	0s30	23n41	0s 5	13n51	3s 4	18s14	18s31	27n20		n.a.
M 2	2 18	25 9	4 51	3 30	1 15	2 27	0 24	25 23	2 9	23 30	0 37	21 34	0 15	24 17	0 30	23 41	0 5	13 52	3 4	18 15	18 32	27 20		n.a.
T 3	1 55	26 56	4 23	4 27	1 24	2 59	0 22	25 25	2 9	23 31	0 37	21 35	0 15	24 17	0 31	23 41	0 5	13 52	3 4	18 16	18 33	27 20		n.a.
W 4	1 32	27 28	3 43	5 23	1 33	3 31	0 19	25 27	2 8	23 32	0 37	21 35	0 15	24 17	0 31	23 41	0 5	13 52	3 3	18 16	18 34	27 20		n.a.
T 5	1 8	26 45	2 55	6 17	1 41	4 2	0 17	25 29	2 7	23 33	0 37	21 36	0 15	24 17	0 31	23 41	0 5	13 53	3 3	18 16	18 35	27 20		n.a.
F 6	0 45	24 47	1 58	7 9	1 49	4 34	0 15	25 30	2 6	23 34	0 37	21 37	0 15	24 17	0 31	23 41	0 5	13 53	3 3	18 16	18 36	27 20		n.a.
S 7	0 22	21 40	0 55	7 59	1 56	5 5	0 12	25 32	2 5	23 35	0 37	21 38	0 15	24 17	0 31	23 42	0 5	13 54	3 3	18 16	18 36	27 20		n.a.
S 8	0n 2	17 31	0s11	8 48	2 3	5 36	0 10	25 34	2 4	23 36	0 37	21 39	0 15	24 17	0 31	23 42	0 5	13 54	3 3	18 15	18 37	27 20		n.a.
M 9	0 25	12 30	1 18	9 34	2 8	6 8	0 7	25 35	2 3	23 36	0 37	21 40	0 15	24 17	0 31	23 42	0 5	13 54	3 3	18 16	18 38	27 20		n.a.
T 10	0 48	6 49	2 24	10 18	2 14	6 39	0 5	25 37	2 2	23 37	0 37	21 41	0 14	24 17	0 31	23 42	0 5	13 55	3 3	18 17	18 39	27 20		n.a.
W11	1 11	0 42	3 22	11 0	2 18	7 10	0 2	25 38	2 1	23 38	0 37	21 42	0 14	24 17	0 31	23 42	0 5	13 55	3 3	18 18	18 40	27 20		n.a.
T 12	1 34	5s37	4 11	11 40	2 22	7 40	0n 0	25 39	2 0	23 39	0 37	21 43	0 14	24 17	0 31	23 42	0 5	13 56	3 3	18 20	18 41	27 20		n.a.
F 13	1 58	11 47	4 46	12 18	2 25	8 11	0 3	25 40	2 0	23 40	0 37	21 43	0 14	24 17	0 31	23 42	0 5	13 56	3 3	18 22	18 41	27 20		n.a.
S 14	2 21	17 25	5 3	12 54	2 27	8 41	0 5	25 41	1 59	23 41	0 37	21 44	0 14	24 17	0 31	23 42	0 5	13 57	3 2	18 25	18 42	27 20		n.a.
S 15	2 44	22 8	5 1	13 27	2 28	9 11	0 8	25 42	1 58	23 42	0 37	21 45	0 14	24 17	0 31	23 42	0 5	13 57	3 2	18 27	18 43	27 20		n.a.
M16	3 7	25 30	4 41	13 58	2 29	9 41	0 10	25 43	1 57	23 43	0 37	21 46	0 14	24 17	0 31	23 42	0 5	13 58	3 2	18 29	18 44	27 20		n.a.
T 17	3 30	27 12	4 2	14 27	2 29	10 11	0 13	25 43	1 56	23 44	0 37	21 47	0 14	24 17	0 31	23 42	0 5	13 58	3 2	18 30	18 45	27 20		n.a.
W18	3 53	27 5	3 9	14 54	2 28	10 41	0 15	25 44	1 55	23 45	0 37	21 48	0 14	24 17	0 31	23 42	0 5	13 59	3 2	18 30	18 46	27 20		n.a.
T 19	4 16	25 11	2 5	15 18	2 27	11 10	0 18	25 44	1 54	23 46	0 37	21 49	0 13	24 17	0 31	23 42	0 5	13 59	3 2	18 30	18 46	27 20		n.a.
F 20	4 39	21 46	0 54	15 40	2 24	11 39	0 20	25 45	1 53	23 47	0 37	21 50	0 13	24 17	0 31	23 42	0 5	13 59	3 2	18 30	18 47	27 20		n.a.
S 21	5 2	17 11	0n20	16 0	2 21	12 8	0 23	25 45	1 53	23 48	0 37	21 51	0 13	24 17	0 31	23 42	0 5	14 0	3 2	18 30	18 48	27 20		n.a.
S 22	5 24	11 46	1 31	16 18	2 17	12 36	0 25	25 45	1 52	23 49	0 37	21 52	0 13	24 17	0 31	23 42	0 5	14 0	3 2	18 30	18 49	27 19		n.a.
M23	5 47	5 54	2 35	16 34	2 12	13 4	0 28	25 45	1 51	23 50	0 37	21 53	0 13	24 17	0 31	23 42	0 5	14 1	3 2	18 31	18 50	27 19		n.a.
T 24	6 9	0n 8	3 31	16 47	2 6	13 32	0 30	25 45	1 50	23 51	0 37	21 54	0 13	24 17	0 31	23 42	0 5	14 1	3 1	18 33	18 51	27 19		n.a.
W25	6 32	6 4	4 14	16 58	2 0	14 0	0 33	25 44	1 49	23 51	0 37	21 55	0 13	24 17	0 31	23 42	0 5	14 2	3 1	18 35	18 51	27 19		n.a.
T 26	6 54	11 39	4 44	17 7	1 52	14 27	0 35	25 44	1 48	23 52	0 37	21 56	0 13	24 17	0 31	23 43	0 5	14 2	3 1	18 38	18 52	27 19		n.a.
F 27	7 16	16 40	4 59	17 14	1 44	14 54	0 38	25 43	1 48	23 53	0 37	21 57	0 13	24 17	0 31	23 43	0 5	14 3	3 1	18 41	18 53	27 19		n.a.
S 28	7 39	20 53	5 0	17 19	1 35	15 20	0 40	25 42	1 47	23 54	0 37	21 58	0 12	24 17	0 31	23 43	0 5	14 3	3 1	18 44	18 54	27 19		n.a.
S 29	8 1	24 9	4 47	17 21	1 26	15 46	0 42	25 42	1 46	23 55	0 37	21 59	0 12	24 17	0 31	23 43	0 5	14 4	3 1	18 47	18 55	27 19		n.a.
M30	8n23	26n18	4n21	17n21	1n15	16n12	0n45	25n41	1n45	23n56	0n38	22n 1	0s12	24s17	0s31	23n43	0s 5	14n 4	3s 1	18s50	18s56	27n19		n.a.

Julian Day Number = 979690.5, Delta T = 13h15m21s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'09, Lahiri = -31°57'09 Julian Calendar 1 Apr. 2031 BCE == Greg. Calendar 15 March 2031 BCE

The year -2030 astronomical counting style corresponds to year 2031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

MAY 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 26 12	21♈59'49	19♊21	13♉49	12♉24	1♋33	17♊33	8♊50	6°R34	24♊ 2	15♉59	7°R10	6♒51	21♊18	n.a.	T 1
W 2	13 30 8	22°56'54	1♋11	14°14	13°37	2° 6	17°42	8°56	6♂34	24° 3	16° 1	7♒ 6	6°48	21°25	n.a.	W 2
T 3	13 34 5	23°53'59	13° 1	14°34	14°50	2°39	17°52	9° 2	6°34	24° 4	16° 2	7° 4	6°45	21°31	n.a.	T 3
F 4	13 38 1	24°51'03	24°56	14°50	16° 3	3°12	18° 3	9° 8	6°33	24° 6	16° 3	7°D 4	6°42	21°38	n.a.	F 4
S 5	13 41 58	25°48'07	7♌ 3	15° 1	17°16	3°46	18°13	9°15	6°33	24° 7	16° 5	7°R 4	6°38	21°45	n.a.	S 5
S 6	13 45 54	26°45'10	19°25	15° 8	18°29	4°19	18°23	9°21	6°33	24° 8	16° 6	7° 3	6°35	21°52	n.a.	S 6
M 7	13 49 51	27°42'12	2♍ 9	15°R10	19°42	4°53	18°33	9°27	6°33	24°10	16° 8	7° 1	6°32	21°58	n.a.	M 7
T 8	13 53 47	28°39'14	15°17	15° 7	20°55	5°27	18°44	9°34	6°32	24°11	16° 9	6°57	6°29	22° 5	n.a.	T 8
W 9	13 57 44	29°36'15	28°53	15° 0	22° 8	6° 1	18°54	9°40	6°32	24°13	16°11	6°50	6°26	22°12	n.a.	W 9
T 10	14 1 41	0♎33'17	12♎54	14°49	23°21	6°35	19° 5	9°47	6°31	24°14	16°12	6°41	6°23	22°18	n.a.	T 10
F 11	14 5 37	1°30'17	27°19	14°33	24°33	7° 9	19°15	9°53	6°31	24°15	16°14	6°31	6°19	22°25	n.a.	F 11
S 12	14 9 34	2°27'18	12♏ 1	14°14	25°46	7°43	19°26	10° 0	6°30	24°17	16°15	6°19	6°16	22°32	n.a.	S 12
S 13	14 13 30	3°24'19	26°51	13°50	26°59	8°17	19°37	10° 6	6°29	24°18	16°17	6° 9	6°13	22°38	n.a.	S 13
M14	14 17 27	4°21'20	11♐43	13°24	28°12	8°52	19°48	10°13	6°29	24°20	16°18	6° 1	6°10	22°45	n.a.	M14
T 15	14 21 23	5°18'22	26°27	12°54	29°25	9°26	19°59	10°20	6°28	24°22	16°20	5°55	6° 7	22°52	n.a.	T 15
W16	14 25 20	6°15'23	10♑57	12°22	0♊38	10° 1	20°10	10°27	6°27	24°23	16°21	5°52	6° 3	22°58	n.a.	W16
T 17	14 29 17	7°12'25	25°11	11°48	1°50	10°36	20°21	10°34	6°26	24°25	16°23	5°50	6° 0	23° 5	n.a.	T 17
F 18	14 33 13	8° 9'27	9♒ 6	11°12	3° 3	11°10	20°32	10°40	6°25	24°26	16°24	5°50	5°57	23°12	n.a.	F 18
S 19	14 37 10	9° 6'30	22°44	10°36	4°16	11°45	20°43	10°47	6°24	24°28	16°26	5°50	5°54	23°18	n.a.	S 19
S 20	14 41 6	10° 3'33	6♓ 6	9°59	5°28	12°20	20°55	10°54	6°23	24°30	16°27	5°48	5°51	23°25	n.a.	S 20
M21	14 45 3	11° 0'37	19°13	9°23	6°41	12°55	21° 6	11° 1	6°22	24°32	16°29	5°44	5°48	23°32	n.a.	M21
T 22	14 48 59	11°57'41	2♈ 7	8°48	7°54	13°31	21°18	11° 8	6°21	24°33	16°30	5°37	5°44	23°38	n.a.	T 22
W23	14 52 56	12°54'45	14°50	8°14	9° 6	14° 6	21°29	11°15	6°20	24°35	16°32	5°28	5°41	23°45	n.a.	W23
T 24	14 56 53	13°51'50	27°22	7°43	10°19	14°42	21°41	11°22	6°19	24°37	16°33	5°16	5°38	23°52	n.a.	T 24
F 25	15 0 49	14°48'55	9♉43	7°14	11°32	15°17	21°52	11°29	6°18	24°39	16°35	5° 3	5°35	23°59	n.a.	F 25
S 26	15 4 46	15°46'01	21°55	6°48	12°44	15°53	22° 4	11°37	6°17	24°40	16°36	4°50	5°32	24° 5	n.a.	S 26
S 27	15 8 42	16°43'08	3♊58	6°27	13°57	16°28	22°16	11°44	6°15	24°42	16°38	4°38	5°29	24°12	n.a.	S 27
M28	15 12 39	17°40'14	15°53	6° 9	15° 9	17° 4	22°28	11°51	6°14	24°44	16°39	4°28	5°25	24°19	n.a.	M28
T 29	15 16 35	18°37'21	27°43	5°56	16°22	17°40	22°39	11°58	6°13	24°46	16°41	4°20	5°22	24°25	n.a.	T 29
W30	15 20 32	19°34'29	9♋31	5°48	17°34	18°16	22°51	12° 6	6°11	24°48	16°42	4°15	5°19	24°32	n.a.	W30
T 31	15 24 28	20♉31'37	21♋20	5°D45	18♊47	18♋52	23♊ 3	12♊13	6♂10	24♊50	16♉44	4♒12	5♒16	24♊39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	8n44	27n13	3n44	17n20	1n 4	16n37	0n47	25n39	1n44	23n57	0n38	22n 2	0s12	24s17	0s31	23n43	0s 5	14n 5	3s 1	18s51	18s56	27n18			n.a.
W 2	9 6	26 53	2 58	17 16	0 52	17 2	0 50	25 38	1 43	23 58	0 38	22 3	0 12	24 17	0 31	23 43	0 5	14 5	3 1	18 52	18 57	27 18			n.a.
T 3	9 27	25 20	2 4	17 10	0 39	17 26	0 52	25 37	1 43	23 59	0 38	22 4	0 12	24 17	0 31	23 43	0 5	14 6	3 1	18 53	18 58	27 18			n.a.
F 4	9 49	22 38	1 4	17 2	0 26	17 50	0 54	25 35	1 42	24 0	0 38	22 5	0 12	24 17	0 32	23 43	0 5	14 6	3 1	18 53	18 59	27 18			n.a.
S 5	10 10	18 53	0 0	16 52	0 12	18 14	0 56	25 33	1 41	24 1	0 38	22 6	0 12	24 17	0 32	23 43	0 5	14 7	3 0	18 53	19 0	27 18			n.a.
S 6	10 31	14 16	1s 5	16 40	0s 2	18 37	0 59	25 32	1 40	24 2	0 38	22 7	0 12	24 17	0 32	23 43	0 5	14 7	3 0	18 53	19 0	27 18			n.a.
M 7	10 52	8 55	2 9	16 26	0 18	19 0	1 1	25 29	1 39	24 3	0 38	22 8	0 11	24 17	0 32	23 43	0 4	14 8	3 0	18 54	19 1	27 17			n.a.
T 8	11 13	3 2	3 7	16 11	0 33	19 22	1 3	25 27	1 39	24 4	0 38	22 9	0 11	24 17	0 32	23 43	0 4	14 8	3 0	18 55	19 2	27 17			n.a.
W 9	11 33	3s10	3 58	15 53	0 49	19 43	1 5	25 25	1 38	24 5	0 38	22 10	0 11	24 17	0 32	23 44	0 4	14 9	3 0	18 57	19 3	27 17			n.a.
T 10	11 54	9 24	4 35	15 35	1 5	20 4	1 7	25 23	1 37	24 6	0 38	22 11	0 11	24 18	0 32	23 44	0 4	14 9	3 0	18 59	19 4	27 17			n.a.
F 11	12 14	15 19	4 57	15 14	1 21	20 25	1 9	25 20	1 36	24 7	0 38	22 12	0 11	24 18	0 32	23 44	0 4	14 10	3 0	19 2	19 4	27 16			n.a.
S 12	12 34	20 29	4 59	14 53	1 38	20 45	1 11	25 17	1 35	24 8	0 38	22 13	0 11	24 18	0 32	23 44	0 4	14 10	3 0	19 4	19 5	27 16			n.a.
S 13	12 54	24 24	4 41	14 31	1 54	21 4	1 13	25 14	1 35	24 8	0 38	22 15	0 11	24 18	0 32	23 44	0 4	14 11	3 0	19 7	19 6	27 16			n.a.
M14	13 14	26 41	4 5	14 7	2 10	21 23	1 15	25 11	1 34	24 9	0 38	22 16	0 11	24 18	0 32	23 44	0 4	14 11	3 0	19 9	19 7	27 16			n.a.
T 15	13 33	27 5	3 12	13 43	2 25	21 41	1 17	25 8	1 33	24 10	0 38	22 17	0 11	24 18	0 32	23 44	0 4	14 12	3 0	19 11	19 8	27 15			n.a.
W16	13 53	25 35	2 7	13 19	2 40	21 59	1 19	25 4	1 32	24 11	0 38	22 18	0 11	24 18	0 32	23 44	0 4	14 12	3 0	19 11	19 8	27 15			n.a.
T 17	14 12	22 27	0 56	12 55	2 55	22 16	1 21	25 1	1 31	24 12	0 38	22 19	0 10	24 18	0 32	23 44	0 4	14 13	3 0	19 12	19 9	27 15			n.a.
F 18	14 31	18 4	0n17	12 31	3 8	22 32	1 22	24 57	1 31	24 13	0 38	22 20	0 10	24 18	0 32	23 44	0 4	14 13	2 59	19 12	19 10	27 15			n.a.
S 19	14 49	12 50	1 28	12 8	3 21	22 48	1 24	24 53	1 30	24 14	0 38	22 21	0 10	24 18	0 32	23 44	0 4	14 14	2 59	19 12	19 11	27 14			n.a.
S 20	15 8	7 6	2 33	11 46	3 32	23 3	1 26	24 49	1 29	24 15	0 38	22 22	0 10	24 18	0 32	23 44	0 4	14 14	2 59	19 12	19 12	27 14			n.a.
M21	15 26	1 11	3 28	11 24	3 42	23 18	1 27	24 45	1 28	24 15	0 38	22 23	0 10	24 18	0 32	23 44	0 4	14 15	2 59	19 13	19 12	27 14			n.a.
T 22	15 44	4n41	4 11	11 5	3 51	23 32	1 29	24 41	1 27	24 16	0 38	22 24	0 10	24 18	0 32	23 45	0 4	14 15	2 59	19 15	19 13	27 13			n.a.
W23	16 2	10 16	4 41	10 47	3 59	23 45	1 30	24 36	1 27	24 17	0 38	22 25	0 10	24 18	0 32	23 45	0 4	14 16	2 59	19 17	19 14	27 13			n.a.
T 24	16 19	15 21	4 57	10 31	4 5	23 58	1 32	24 31	1 26	24 18	0 38	22 27	0 10	24 19	0 32	23 45	0 4	14 16	2 59	19 20	19 15	27 13			n.a.
F 25	16 37	19 44	4 59	10 17	4 9	24 10	1 33	24 26	1 25	24 19	0 38	22 28	0 10	24 19	0 32	23 45	0 4	14 17	2 59	19 24	19 16	27 12			n.a.
S 26	16 54	23 14	4 47	10 6	4 12	24 21	1 34	24 21	1 24	24 19	0 38	22 29	0 10	24 19	0 32	23 45	0 4	14 17	2 59	19 27	19 16	27 12			n.a.
S 27	17 10	25 40	4 22	9 57	4 14	24 31	1 35	24 16	1 24	24 20	0 38	22 30	0 9	24 19	0 32	23 45	0 4	14 18	2 59	19 30	19 17	27 12			n.a.
M28	17 27	26 55	3 46	9 51	4 14	24 41	1 37	24 11	1 23	24 21	0 38	22 31	0 9	24 19	0 32	23 45	0 4	14 18	2 59	19 32	19 18	27 11			n.a.
T 29	17 43	26 55	3 1	9 48	4 13	24 50	1 38	24 5	1 22	24 22	0 38	22 32	0 9	24 19	0 32	23 45	0 4	14 19	2 59	19 34	19 19	27 11			n.a.
W30	17 59	25 41	2 7	9 48	4 10	24 58	1 39	24 0	1 21	24 22	0 38	22 33	0 9	24 19	0 32	23 45	0 4	14 19	2 59	19 35	19 20	27 11			n.a.
T 31	18n15	23n19	1n 8	9n50	4s 6	25n 6	1n40	23n54	1n20	24n23	0n38	22n34	0s 9	24s19	0s32	23n45	0s 4	14n20	2s59	19s36	19s20	27n10			n.a.

Julian Day Number = 979720.5, Delta T = 13h15m19s
Ecliptic obliquity = 23°55'45, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'05, Lahiri = -31°57'04 Julian Calendar 1 May 2031 BCE == Greg. Calendar 14 Apr. 2031 BCE

The year -2030 astronomical counting style corresponds to year 2031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

JUNE 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 28 25	21♉28'45	3♌14	5♉47	19♊59	19♋29	23♊15	12♊20	6°R 9	24♊52	16♉45	4°D12	5♒13	24♊45	n.a.	F 1
S 2	15 32 22	22°25'53	15°19	5°55	21°12	20° 5	23°27	12°28	6♂ 7	24°53	16°47	4♒12	5° 9	24°52	n.a.	S 2
S 3	15 36 18	23°23'02	27°40	6° 8	22°24	20°41	23°40	12°35	6° 5	24°55	16°48	4°R12	5° 6	24°59	n.a.	S 3
M 4	15 40 15	24°20'11	10♍21	6°26	23°36	21°18	23°52	12°42	6° 4	24°57	16°50	4°11	5° 3	25° 5	n.a.	M 4
T 5	15 44 11	25°17'21	23°29	6°51	24°49	21°54	24° 4	12°50	6° 2	24°59	16°52	4° 8	5° 0	25°12	n.a.	T 5
W 6	15 48 8	26°14'31	7♎ 4	7°20	26° 1	22°31	24°16	12°57	6° 1	25° 1	16°53	4° 2	4°57	25°19	n.a.	W 6
T 7	15 52 4	27°11'42	21° 9	7°56	27°13	23° 8	24°28	13° 5	5°59	25° 3	16°55	3°55	4°54	25°25	n.a.	T 7
F 8	15 56 1	28° 8'53	5♏41	8°37	28°26	23°45	24°41	13°12	5°57	25° 5	16°56	3°46	4°50	25°32	n.a.	F 8
S 9	15 59 58	29° 6'05	20°35	9°24	29°38	24°21	24°53	13°20	5°56	25° 7	16°58	3°36	4°47	25°39	n.a.	S 9
S 10	16 3 54	0♊ 3'18	5♐42	10°16	0♌50	24°58	25° 6	13°27	5°54	25° 9	16°59	3°28	4°44	25°45	n.a.	S 10
M11	16 7 51	1° 0'32	20°52	11°13	2° 2	25°36	25°18	13°35	5°52	25°12	17° 1	3°20	4°41	25°52	n.a.	M11
T 12	16 11 47	1°57'48	5♑55	12°16	3°14	26°13	25°31	13°42	5°50	25°14	17° 2	3°15	4°38	25°59	n.a.	T 12
W13	16 15 44	2°55'04	20°42	13°24	4°26	26°50	25°43	13°50	5°48	25°16	17° 3	3°13	4°35	26° 5	n.a.	W13
T 14	16 19 40	3°52'21	5♒10	14°37	5°38	27°27	25°56	13°58	5°46	25°18	17° 5	3°D12	4°31	26°12	n.a.	T 14
F 15	16 23 37	4°49'40	19°14	15°56	6°50	28° 5	26° 8	14° 5	5°44	25°20	17° 6	3°13	4°28	26°19	n.a.	F 15
S 16	16 27 34	5°47'00	2♓54	17°19	8° 2	28°42	26°21	14°13	5°42	25°22	17° 8	3°R13	4°25	26°25	n.a.	S 16
S 17	16 31 30	6°44'22	16°13	18°47	9°14	29°20	26°34	14°20	5°41	25°24	17° 9	3°13	4°22	26°32	n.a.	S 17
M18	16 35 27	7°41'45	29°12	20°19	10°26	29°58	26°47	14°28	5°38	25°26	17°11	3°11	4°19	26°39	n.a.	M18
T 19	16 39 23	8°39'09	11♈55	21°55	11°38	0♌35	26°59	14°36	5°36	25°28	17°12	3° 6	4°15	26°45	n.a.	T 19
W20	16 43 20	9°36'35	24°24	23°36	12°50	1°13	27°12	14°43	5°34	25°31	17°14	3° 0	4°12	26°52	n.a.	W20
T 21	16 47 16	10°34'02	6♉42	25°20	14° 2	1°51	27°25	14°51	5°32	25°33	17°15	2°51	4° 9	26°59	n.a.	T 21
F 22	16 51 13	11°31'31	18°51	27° 8	15°14	2°29	27°38	14°59	5°30	25°35	17°16	2°42	4° 6	27° 6	n.a.	F 22
S 23	16 55 9	12°29'01	0♊52	28°58	16°25	3° 7	27°51	15° 6	5°28	25°37	17°18	2°33	4° 3	27°12	n.a.	S 23
S 24	16 59 6	13°26'32	12°47	0♊52	17°37	3°45	28° 3	15°14	5°26	25°39	17°19	2°24	4° 0	27°19	n.a.	S 24
M25	17 3 3	14°24'05	24°38	2°47	18°49	4°24	28°16	15°22	5°24	25°41	17°21	2°16	3°56	27°26	n.a.	M25
T 26	17 6 59	15°21'39	6♋26	4°45	20° 0	5° 2	28°29	15°29	5°22	25°44	17°22	2°11	3°53	27°32	n.a.	T 26
W27	17 10 56	16°19'15	18°14	6°44	21°12	5°40	28°42	15°37	5°19	25°46	17°23	2° 8	3°50	27°39	n.a.	W27
T 28	17 14 52	17°16'51	0♌ 4	8°45	22°23	6°19	28°55	15°45	5°17	25°48	17°25	2°D 7	3°47	27°46	n.a.	T 28
F 29	17 18 49	18°14'29	12° 1	10°46	23°35	6°58	29° 8	15°52	5°15	25°50	17°26	2° 7	3°44	27°52	n.a.	F 29
S 30	17 22 45	19♊12'09	24♌ 7	12♊49	24♋46	7♌36	29♊21	16♊ 0	5♂13	25♊52	17♉27	2♒ 9	3♒41	27♊59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
F 1	18n30	19n55	0n 5	9n56	4s 1	25n13	1n40	23n48	1n20	24n24	0n39	22n35	0s 9	24s19	0s32	23n45	0s 4	14n20	2s59	19s36	19s21	27n10			n.a.
S 2	18 45	15 38	0s59	10 4	3 55	25 19	1 41	23 41	1 19	24 24	0 39	22 36	0 9	24 19	0 32	23 46	0 4	14 21	2 59	19 36	19 22	27 9			n.a.
S 3	19 0	10 38	2 1	10 15	3 48	25 24	1 42	23 35	1 18	24 25	0 39	22 37	0 9	24 19	0 32	23 46	0 4	14 21	2 59	19 36	19 23	27 9			n.a.
M 4	19 14	5 4	3 0	10 29	3 40	25 29	1 43	23 29	1 17	24 26	0 39	22 38	0 9	24 20	0 32	23 46	0 4	14 22	2 59	19 36	19 24	27 9			n.a.
T 5	19 29	0s53	3 51	10 46	3 31	25 33	1 43	23 22	1 17	24 26	0 39	22 40	0 9	24 20	0 32	23 46	0 4	14 22	2 58	19 37	19 24	27 8			n.a.
W 6	19 42	6 59	4 31	11 5	3 21	25 36	1 44	23 15	1 16	24 27	0 39	22 41	0 9	24 20	0 32	23 46	0 4	14 22	2 58	19 38	19 25	27 8			n.a.
T 7	19 56	12 58	4 56	11 27	3 10	25 38	1 44	23 8	1 15	24 27	0 39	22 42	0 8	24 20	0 33	23 46	0 4	14 23	2 58	19 40	19 26	27 7			n.a.
F 8	20 9	18 26	5 3	11 51	2 59	25 40	1 45	23 1	1 14	24 28	0 39	22 43	0 8	24 20	0 33	23 46	0 4	14 23	2 58	19 42	19 27	27 7			n.a.
S 9	20 22	22 55	4 50	12 17	2 47	25 41	1 45	22 53	1 13	24 29	0 39	22 44	0 8	24 20	0 33	23 46	0 4	14 24	2 58	19 45	19 27	27 6			n.a.
S 10	20 35	25 54	4 17	12 45	2 35	25 41	1 45	22 46	1 13	24 29	0 39	22 45	0 8	24 20	0 33	23 46	0 4	14 24	2 58	19 47	19 28	27 6			n.a.
M11	20 47	27 2	3 26	13 15	2 22	25 40	1 45	22 38	1 12	24 30	0 39	22 46	0 8	24 20	0 33	23 46	0 4	14 25	2 58	19 48	19 29	27 5			n.a.
T 12	20 59	26 8	2 20	13 47	2 9	25 39	1 45	22 30	1 11	24 30	0 39	22 47	0 8	24 20	0 33	23 46	0 4	14 25	2 58	19 50	19 30	27 5			n.a.
W13	21 10	23 23	1 6	14 21	1 56	25 36	1 45	22 22	1 10	24 31	0 39	22 48	0 8	24 21	0 33	23 47	0 4	14 26	2 58	19 50	19 31	27 5			n.a.
T 14	21 21	19 12	0n10	14 56	1 42	25 33	1 45	22 14	1 10	24 31	0 39	22 49	0 8	24 21	0 33	23 47	0 4	14 26	2 58	19 50	19 31	27 4			n.a.
F 15	21 32	14 1	1 25	15 32	1 29	25 30	1 45	22 6	1 9	24 31	0 39	22 50	0 8	24 21	0 33	23 47	0 4	14 27	2 58	19 50	19 32	27 4			n.a.
S 16	21 43	8 17	2 32	16 9	1 15	25 25	1 45	21 57	1 8	24 32	0 39	22 51	0 8	24 21	0 33	23 47	0 4	14 27	2 58	19 50	19 33	27 3			n.a.
S 17	21 53	2 21	3 29	16 47	1 1	25 20	1 44	21 48	1 7	24 32	0 39	22 52	0 7	24 21	0 33	23 47	0 4	14 28	2 58	19 50	19 34	27 3			n.a.
M18	22 2	3n33	4 14	17 25	0 48	25 14	1 44	21 39	1 7	24 33	0 39	22 53	0 7	24 21	0 33	23 47	0 4	14 28	2 58	19 51	19 34	27 2			n.a.
T 19	22 12	9 10	4 46	18 4	0 35	25 7	1 43	21 30	1 6	24 33	0 39	22 54	0 7	24 21	0 33	23 47	0 4	14 28	2 58	19 52	19 35	27 1			n.a.
W20	22 21	14 19	5 3	18 42	0 22	25 0	1 43	21 21	1 5	24 33	0 40	22 55	0 7	24 21	0 33	23 47	0 4	14 29	2 58	19 53	19 36	27 1			n.a.
T 21	22 29	18 49	5 5	19 20	0 9	24 52	1 42	21 12	1 4	24 34	0 40	22 56	0 7	24 21	0 33	23 47	0 4	14 29	2 58	19 55	19 37	27 0			n.a.
F 22	22 37	22 29	4 54	19 58	0n 3	24 43	1 41	21 2	1 4	24 34	0 40	22 57	0 7	24 22	0 33	23 47	0 4	14 30	2 58	19 57	19 38	27 0			n.a.
S 23	22 45	25 9	4 30	20 35	0 15	24 33	1 40	20 53	1 3	24 34	0 40	22 58	0 7	24 22	0 33	23 47	0 4	14 30	2 58	20 0	19 38	26 59			n.a.
S 24	22 53	26 40	3 54	21 10	0 26	24 23	1 39	20 43	1 2	24 35	0 40	22 59	0 7	24 22	0 33	23 48	0 4	14 31	2 58	20 2	19 39	26 59			n.a.
M25	23 0	26 57	3 8	21 44	0 37	24 12	1 38	20 33	1 1	24 35	0 40	23 0	0 7	24 22	0 33	23 48	0 4	14 31	2 58	20 3	19 40	26 58			n.a.
T 26	23 6	26 0	2 14	22 17	0 46	24 0	1 37	20 22	1 1	24 35	0 40	23 1	0 7	24 22	0 33	23 48	0 4	14 31	2 58	20 5	19 41	26 58			n.a.
W27	23 13	23 53	1 14	22 48	0 56	23 48	1 36	20 12	1 0	24 35	0 40	23 1	0 7	24 22	0 33	23 48	0 4	14 32	2 58	20 5	19 41	26 57			n.a.
T 28	23 18	20 44	0 11	23 16	1 4	23 35	1 35	20 2	0 59	24 36	0 40	23 2	0 7	24 22	0 33	23 48	0 4	14 32	2 58	20 6	19 42	26 56			n.a.
F 29	23 24	16 41	0s53	23 42	1 12	23 21	1 33	19 51	0 58	24 36	0 40	23 3	0 6	24 22	0 33	23 48	0 4	14 33	2 58	20 5	19 43	26 56			n.a.
S 30	23n29	11n55	1s57	24n 6	1n19	23n 7	1n32	19n40	0n57	24n36	0n40	23n 4	0s 6	24s22	0s33	23n48	0s 4	14n33	2s58	20s 5	19s44	26n55			n.a.

Julian Day Number = 979751.5, Delta T = 13h15m17s
Ecliptic obliquity = 23°55'44, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°04'01, Lahiri = -31°57'00 Julian Calendar 1 June 2031 BCE == Greg. Calendar 15 May 2031 BCE

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

JULY 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 26 42	20♊ 9'49	6♍27	14♊51	25♋58	8♌15	29♊34	16♊ 8	5°R10	25♊55	17♉29	2♒10	3♒37	28♊ 6	n.a.	S 1
M 2	17 30 38	21° 7'31	19° 7	16°53	27° 9	8°54	29°47	16°15	5♂ 8	25°57	17°30	2°R11	3°34	28°12	n.a.	M 2
T 3	17 34 35	22° 5'14	2♎10	18°55	28°21	9°33	0♋ 0	16°23	5° 6	25°59	17°31	2°10	3°31	28°19	n.a.	T 3
W 4	17 38 32	23° 2'58	15°40	20°57	29°32	10°12	0°13	16°31	5° 3	26° 1	17°33	2° 8	3°28	28°26	n.a.	W 4
T 5	17 42 28	24° 0'44	29°38	22°58	0♌43	10°51	0°26	16°38	5° 1	26° 4	17°34	2° 5	3°25	28°32	n.a.	T 5
F 6	17 46 25	24°58'31	14♏ 5	24°58	1°54	11°30	0°40	16°46	4°59	26° 6	17°35	2° 0	3°21	28°39	n.a.	F 6
S 7	17 50 21	25°56'19	28°55	26°58	3° 5	12° 9	0°53	16°53	4°56	26° 8	17°36	1°55	3°18	28°46	n.a.	S 7
S 8	17 54 18	26°54'09	14♐ 3	28°56	4°16	12°48	1° 6	17° 1	4°54	26°10	17°38	1°50	3°15	28°52	n.a.	S 8
M 9	17 58 14	27°52'01	29°18	0♋53	5°27	13°28	1°19	17° 9	4°52	26°12	17°39	1°46	3°12	28°59	n.a.	M 9
T 10	18 2 11	28°49'55	14♑31	2°49	6°38	14° 7	1°32	17°16	4°49	26°15	17°40	1°43	3° 9	29° 6	n.a.	T 10
W11	18 6 8	29°47'50	29°32	4°44	7°49	14°47	1°45	17°24	4°47	26°17	17°41	1°D42	3° 6	29°12	n.a.	W11
T 12	18 10 4	0♋45'48	14♒12	6°38	9° 0	15°26	1°58	17°31	4°45	26°19	17°43	1°43	3° 2	29°19	n.a.	T 12
F 13	18 14 1	1°43'47	28°28	8°31	10°11	16° 6	2°11	17°39	4°42	26°21	17°44	1°44	2°59	29°26	n.a.	F 13
S 14	18 17 57	2°41'48	12♓18	10°22	11°22	16°46	2°24	17°46	4°40	26°24	17°45	1°45	2°56	29°32	n.a.	S 14
S 15	18 21 54	3°39'51	25°42	12°12	12°32	17°26	2°38	17°54	4°37	26°26	17°46	1°46	2°53	29°39	n.a.	S 15
M16	18 25 50	4°37'57	8♈43	14° 0	13°43	18° 5	2°51	18° 1	4°35	26°28	17°47	1°R47	2°50	29°46	n.a.	M16
T 17	18 29 47	5°36'04	21°23	15°48	14°53	18°45	3° 4	18° 9	4°33	26°30	17°48	1°46	2°47	29°52	n.a.	T 17
W18	18 33 43	6°34'14	3♉46	17°34	16° 4	19°26	3°17	18°16	4°30	26°32	17°49	1°44	2°43	29°59	n.a.	W18
T 19	18 37 40	7°32'26	15°56	19°19	17°14	20° 6	3°30	18°24	4°28	26°35	17°50	1°40	2°40	0♋ 6	n.a.	T 19
F 20	18 41 36	8°30'41	27°57	21° 3	18°25	20°46	3°43	18°31	4°25	26°37	17°51	1°37	2°37	0°12	n.a.	F 20
S 21	18 45 33	9°28'57	9♊51	22°45	19°35	21°26	3°56	18°38	4°23	26°39	17°52	1°33	2°34	0°19	n.a.	S 21
S 22	18 49 30	10°27'15	21°41	24°26	20°45	22° 7	4° 9	18°46	4°21	26°41	17°53	1°29	2°31	0°26	n.a.	S 22
M23	18 53 26	11°25'36	3♋29	26° 6	21°55	22°47	4°23	18°53	4°18	26°43	17°54	1°27	2°27	0°32	n.a.	M23
T 24	18 57 23	12°23'59	15°18	27°45	23° 5	23°27	4°36	19° 0	4°16	26°46	17°55	1°25	2°24	0°39	n.a.	T 24
W25	19 1 19	13°22'23	27°10	29°23	24°15	24° 8	4°49	19° 8	4°13	26°48	17°56	1°D24	2°21	0°46	n.a.	W25
T 26	19 5 16	14°20'50	9♌ 7	1♌ 0	25°25	24°49	5° 2	19°15	4°11	26°50	17°57	1°24	2°18	0°52	n.a.	T 26
F 27	19 9 12	15°19'18	21°11	2°35	26°35	25°29	5°15	19°22	4° 9	26°52	17°58	1°25	2°15	0°59	n.a.	F 27
S 28	19 13 9	16°17'48	3♍24	4° 9	27°45	26°10	5°28	19°29	4° 6	26°54	17°59	1°26	2°12	1° 6	n.a.	S 28
S 29	19 17 5	17°16'21	15°51	5°43	28°55	26°51	5°41	19°36	4° 4	26°56	18° 0	1°27	2° 8	1°12	n.a.	S 29
M30	19 21 2	18°14'54	28°34	7°15	0♍ 4	27°32	5°54	19°43	4° 2	26°58	18° 1	1°29	2° 5	1°19	n.a.	M30
T 31	19 24 59	19♋13'30	11♎36	8♌46	1♍14	28♌13	6♋ 7	19♊50	4♂ 0	27♊ 0	18♉ 2	1♒29	2♒ 2	1♋26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n33	6n37	2s56	24n27	1n25	22n52	1n30	19n29	0n57	24n36	0n40	23n 5	0s 6	24s22	0s33	23n48	0s 4	14n33	2s58	20s 5	19s44	26n55			n.a.
M 2	23 37	0 55	3 48	24 46	1 31	22 36	1 29	19 18	0 56	24 36	0 40	23 6	0 6	24 23	0 33	23 48	0 4	14 34	2 58	20 5	19 45	26 54			n.a.
T 3	23 41	4s59	4 30	25 2	1 35	22 20	1 27	19 7	0 55	24 36	0 40	23 7	0 6	24 23	0 33	23 48	0 4	14 34	2 58	20 5	19 46	26 53			n.a.
W 4	23 44	10 51	4 58	25 16	1 39	22 3	1 25	18 55	0 54	24 36	0 41	23 8	0 6	24 23	0 33	23 48	0 4	14 35	2 58	20 5	19 47	26 53			n.a.
T 5	23 47	16 24	5 11	25 26	1 42	21 46	1 23	18 44	0 54	24 36	0 41	23 9	0 6	24 23	0 33	23 48	0 4	14 35	2 58	20 6	19 47	26 52			n.a.
F 6	23 50	21 13	5 4	25 35	1 45	21 28	1 21	18 32	0 53	24 36	0 41	23 10	0 6	24 23	0 33	23 49	0 4	14 35	2 58	20 7	19 48	26 51			n.a.
S 7	23 52	24 50	4 38	25 40	1 47	21 9	1 19	18 20	0 52	24 36	0 41	23 10	0 6	24 23	0 33	23 49	0 4	14 36	2 58	20 8	19 49	26 51			n.a.
S 8	23 53	26 46	3 51	25 43	1 48	20 50	1 17	18 8	0 51	24 36	0 41	23 11	0 6	24 23	0 33	23 49	0 4	14 36	2 58	20 9	19 50	26 50			n.a.
M 9	23 55	26 43	2 48	25 44	1 49	20 30	1 15	17 56	0 51	24 36	0 41	23 12	0 6	24 23	0 33	23 49	0 4	14 36	2 57	20 10	19 50	26 49			n.a.
T 10	23 55	24 39	1 33	25 42	1 48	20 10	1 13	17 43	0 50	24 36	0 41	23 13	0 5	24 23	0 33	23 49	0 4	14 37	2 57	20 11	19 51	26 49			n.a.
W11	23 56	20 52	0 12	25 38	1 48	19 49	1 10	17 31	0 49	24 36	0 41	23 14	0 5	24 23	0 33	23 49	0 4	14 37	2 57	20 11	19 52	26 48			n.a.
T 12	23 56	15 49	1n 8	25 32	1 47	19 28	1 8	17 18	0 48	24 36	0 41	23 15	0 5	24 24	0 33	23 49	0 4	14 37	2 57	20 11	19 53	26 47			n.a.
F 13	23 55	10 2	2 22	25 24	1 45	19 6	1 5	17 5	0 48	24 36	0 41	23 15	0 5	24 24	0 33	23 49	0 4	14 38	2 57	20 11	19 53	26 47			n.a.
S 14	23 54	3 57	3 24	25 13	1 43	18 43	1 2	16 53	0 47	24 36	0 41	23 16	0 5	24 24	0 33	23 49	0 4	14 38	2 57	20 10	19 54	26 46			n.a.
S 15	23 53	2n 8	4 14	25 1	1 40	18 21	1 0	16 39	0 46	24 36	0 41	23 17	0 5	24 24	0 33	23 49	0 4	14 38	2 57	20 10	19 55	26 45			n.a.
M16	23 51	7 56	4 49	24 47	1 37	17 57	0 57	16 26	0 45	24 35	0 42	23 18	0 5	24 24	0 33	23 49	0 4	14 39	2 57	20 10	19 56	26 44			n.a.
T 17	23 48	13 15	5 9	24 31	1 34	17 34	0 54	16 13	0 45	24 35	0 42	23 18	0 5	24 24	0 33	23 49	0 4	14 39	2 57	20 10	19 56	26 44			n.a.
W18	23 46	17 56	5 14	24 14	1 30	17 9	0 51	15 59	0 44	24 35	0 42	23 19	0 5	24 24	0 33	23 49	0 4	14 39	2 57	20 11	19 57	26 43			n.a.
T 19	23 43	21 47	5 4	23 55	1 26	16 45	0 48	15 46	0 43	24 35	0 42	23 20	0 5	24 24	0 33	23 50	0 3	14 40	2 57	20 12	19 58	26 42			n.a.
F 20	23 39	24 40	4 42	23 35	1 21	16 20	0 45	15 32	0 42	24 34	0 42	23 21	0 5	24 24	0 33	23 50	0 3	14 40	2 57	20 12	19 59	26 41			n.a.
S 21	23 35	26 27	4 7	23 13	1 16	15 54	0 42	15 18	0 42	24 34	0 42	23 21	0 5	24 24	0 33	23 50	0 3	14 40	2 57	20 13	19 59	26 41			n.a.
S 22	23 30	27 1	3 22	22 50	1 11	15 29	0 39	15 4	0 41	24 34	0 42	23 22	0 4	24 24	0 33	23 50	0 3	14 41	2 57	20 14	20 0	26 40			n.a.
M23	23 25	26 21	2 28	22 26	1 6	15 2	0 35	14 50	0 40	24 34	0 42	23 23	0 4	24 25	0 33	23 50	0 3	14 41	2 57	20 15	20 1	26 39			n.a.
T 24	23 20	24 29	1 28	22 1	1 0	14 36	0 32	14 36	0 39	24 33	0 42	23 24	0 4	24 25	0 33	23 50	0 3	14 41	2 57	20 15	20 2	26 38			n.a.
W25	23 14	21 32	0 23	21 34	0 54	14 9	0 28	14 21	0 39	24 33	0 42	23 24	0 4	24 25	0 33	23 50	0 3	14 41	2 57	20 15	20 2	26 38			n.a.
T 26	23 8	17 40	0s43	21 7	0 48	13 42	0 25	14 7	0 38	24 32	0 43	23 25	0 4	24 25	0 33	23 50	0 3	14 42	2 57	20 15	20 3	26 37			n.a.
F 27	23 2	13 2	1 47	20 39	0 41	13 14	0 21	13 52	0 37	24 32	0 43	23 26	0 4	24 25	0 33	23 50	0 3	14 42	2 57	20 15	20 4	26 36			n.a.
S 28	22 55	7 51	2 48	20 10	0 34	12 46	0 18	13 37	0 36	24 32	0 43	23 26	0 4	24 25	0 33	23 50	0 3	14 42	2 57	20 15	20 4	26 35			n.a.
S 29	22 47	2 17	3 42	19 40	0 28	12 18	0 14	13 22	0 36	24 31	0 43	23 27	0 4	24 25	0 33	23 50	0 3	14 42	2 57	20 15	20 5	26 34			n.a.
M30	22 39	3s29	4 26	19 10	0 21	11 50	0 10	13 7	0 35	24 31	0 43	23 28	0 4	24 25	0 33	23 50	0 3	14 43	2 57	20 14	20 6	26 34			n.a.
T 31	22n31	9s14	4s58	18n39	0n13	11n21	0n 6	12n52	0n34	24n30	0n43	23n28	0s 4	24s25	0s33	23n50	0s 3	14n43	2s57	20s14	20s 7	26n33			n.a.

Julian Day Number = 979781.5, Delta T = 13h15m15s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'57, Lahiri = -31°56'56 Julian Calendar 1 July 2031 BCE == Greg. Calendar 14 June 2031 BCE

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

AUGUST 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 28 55	20♋12'08	25♎ 1	10♌15	2♍23	28♌54	6♋20	19♊57	3°R57	27♊ 3	18♉ 3	1°R29	1♒59	1♋32	n.a.	W 1
T 2	19 32 52	21°10'47	8♏49	11°44	3°33	29°35	6°33	20° 4	3♑55	27° 5	18° 3	1♒29	1°56	1°39	n.a.	T 2
F 3	19 36 48	22° 9'29	23° 2	13°12	4°42	0♍17	6°45	20°11	3°53	27° 7	18° 4	1°28	1°52	1°46	n.a.	F 3
S 4	19 40 45	23° 8'12	7♐37	14°38	5°51	0°58	6°58	20°18	3°51	27° 9	18° 5	1°27	1°49	1°52	n.a.	S 4
S 5	19 44 41	24° 6'57	22°30	16° 3	7° 0	1°39	7°11	20°25	3°48	27°11	18° 6	1°26	1°46	1°59	n.a.	S 5
M 6	19 48 38	25° 5'45	7♑34	17°27	8° 9	2°21	7°24	20°32	3°46	27°13	18° 6	1°25	1°43	2° 6	n.a.	M 6
T 7	19 52 34	26° 4'34	22°41	18°50	9°18	3° 2	7°37	20°38	3°44	27°15	18° 7	1°25	1°40	2°12	n.a.	T 7
W 8	19 56 31	27° 3'26	7♒42	20°11	10°26	3°44	7°50	20°45	3°42	27°17	18° 8	1°D25	1°37	2°19	n.a.	W 8
T 9	20 0 27	28° 2'19	22°28	21°32	11°35	4°26	8° 2	20°52	3°40	27°19	18° 8	1°25	1°33	2°26	n.a.	T 9
F 10	20 4 24	29° 1'15	6♓52	22°50	12°44	5° 7	8°15	20°58	3°38	27°21	18° 9	1°26	1°30	2°32	n.a.	F 10
S 11	20 8 21	0♌ 0'13	20°51	24° 8	13°52	5°49	8°28	21° 5	3°36	27°23	18°10	1°26	1°27	2°39	n.a.	S 11
S 12	20 12 17	0°59'14	4♈23	25°24	15° 0	6°31	8°40	21°11	3°33	27°25	18°10	1°R26	1°24	2°46	n.a.	S 12
M13	20 16 14	1°58'17	17°30	26°38	16° 8	7°13	8°53	21°18	3°31	27°27	18°11	1°26	1°21	2°52	n.a.	M13
T 14	20 20 10	2°57'23	0♉13	27°51	17°16	7°55	9° 5	21°24	3°29	27°28	18°11	1°D26	1°18	2°59	n.a.	T 14
W15	20 24 7	3°56'31	12°36	29° 2	18°24	8°37	9°18	21°31	3°27	27°30	18°12	1°26	1°14	3° 6	n.a.	W15
T 16	20 28 3	4°55'42	24°45	0♍12	19°32	9°19	9°30	21°37	3°26	27°32	18°12	1°26	1°11	3°12	n.a.	T 16
F 17	20 32 0	5°54'55	6♊42	1°19	20°40	10° 2	9°43	21°43	3°24	27°34	18°13	1°26	1° 8	3°19	n.a.	F 17
S 18	20 35 56	6°54'11	18°33	2°24	21°47	10°44	9°55	21°49	3°22	27°36	18°13	1°27	1° 5	3°26	n.a.	S 18
S 19	20 39 53	7°53'29	0♋21	3°27	22°55	11°26	10° 8	21°55	3°20	27°38	18°14	1°28	1° 2	3°32	n.a.	S 19
M20	20 43 49	8°52'49	12°10	4°28	24° 2	12° 9	10°20	22° 2	3°18	27°39	18°14	1°28	0°58	3°39	n.a.	M20
T 21	20 47 46	9°52'12	24° 3	5°26	25° 9	12°51	10°32	22° 8	3°16	27°41	18°15	1°29	0°55	3°46	n.a.	T 21
W22	20 51 43	10°51'37	6♌ 2	6°21	26°16	13°34	10°44	22°13	3°15	27°43	18°15	1°R29	0°52	3°52	n.a.	W22
T 23	20 55 39	11°51'05	18° 9	7°13	27°23	14°16	10°57	22°19	3°13	27°45	18°15	1°28	0°49	3°59	n.a.	T 23
F 24	20 59 36	12°50'34	0♍27	8° 1	28°29	14°59	11° 9	22°25	3°11	27°46	18°16	1°27	0°46	4° 6	n.a.	F 24
S 25	21 3 32	13°50'06	12°56	8°46	29°36	15°42	11°21	22°31	3° 9	27°48	18°16	1°26	0°43	4°12	n.a.	S 25
S 26	21 7 29	14°49'39	25°38	9°27	0♎42	16°25	11°33	22°37	3° 8	27°50	18°16	1°24	0°39	4°19	n.a.	S 26
M27	21 11 25	15°49'15	8♎33	10° 3	1°48	17° 8	11°45	22°42	3° 6	27°51	18°17	1°22	0°36	4°26	n.a.	M27
T 28	21 15 22	16°48'52	21°43	10°35	2°54	17°51	11°56	22°48	3° 5	27°53	18°17	1°20	0°33	4°32	n.a.	T 28
W29	21 19 18	17°48'32	5♏10	11° 1	4° 0	18°34	12° 8	22°53	3° 3	27°55	18°17	1°19	0°30	4°39	n.a.	W29
T 30	21 23 15	18°48'13	18°53	11°21	5° 5	19°17	12°20	22°59	3° 2	27°56	18°17	1°D19	0°27	4°46	n.a.	T 30
F 31	21 27 11	19♌47'57	2♐53	11♍35	6♎11	20♍ 0	12♋32	23♊ 4	3♑ 0	27♊58	18♉17	1♒19	0♒24	4♋52	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	22n22	14s44	5s15	18n 8	0n 6	10n52	0n 2	12n37	0n33	24n30	0n43	23n29	0s 4	24s25	0s33	23n50	0s 3	14n43	2s57	20s14	20s 7	26n32			n.a.
T 2	22 13	19 41	5 15	17 36	0s 1	10 23	0s 2	12 21	0 33	24 29	0 43	23 29	0 3	24 25	0 33	23 50	0 3	14 43	2 57	20 14	20 8	26 31			n.a.
F 3	22 4	23 39	4 55	17 3	0 9	9 54	0 6	12 6	0 32	24 29	0 43	23 30	0 3	24 25	0 33	23 50	0 3	14 44	2 57	20 14	20 9	26 30			n.a.
S 4	21 54	26 14	4 16	16 31	0 17	9 24	0 10	11 50	0 31	24 28	0 44	23 31	0 3	24 25	0 33	23 51	0 3	14 44	2 57	20 15	20 10	26 29			n.a.
S 5	21 44	27 2	3 20	15 57	0 25	8 54	0 14	11 34	0 30	24 27	0 44	23 31	0 3	24 26	0 33	23 51	0 3	14 44	2 57	20 15	20 10	26 28			n.a.
M 6	21 33	25 51	2 9	15 24	0 33	8 24	0 18	11 19	0 30	24 27	0 44	23 32	0 3	24 26	0 33	23 51	0 3	14 44	2 57	20 15	20 11	26 28			n.a.
T 7	21 22	22 46	0 48	14 51	0 41	7 54	0 22	11 3	0 29	24 26	0 44	23 32	0 3	24 26	0 33	23 51	0 3	14 44	2 57	20 15	20 12	26 27			n.a.
W 8	21 10	18 10	0n35	14 17	0 49	7 24	0 27	10 47	0 28	24 26	0 44	23 33	0 3	24 26	0 33	23 51	0 3	14 45	2 57	20 15	20 12	26 26			n.a.
T 9	20 59	12 31	1 54	13 43	0 57	6 53	0 31	10 30	0 27	24 25	0 44	23 34	0 3	24 26	0 33	23 51	0 3	14 45	2 57	20 15	20 13	26 25			n.a.
F 10	20 46	6 19	3 5	13 10	1 5	6 23	0 35	10 14	0 27	24 24	0 44	23 34	0 3	24 26	0 33	23 51	0 3	14 45	2 57	20 15	20 14	26 24			n.a.
S 11	20 34	0 1	4 2	12 36	1 13	5 52	0 40	9 58	0 26	24 24	0 44	23 35	0 3	24 26	0 33	23 51	0 3	14 45	2 57	20 15	20 15	26 23			n.a.
S 12	20 21	6n 6	4 43	12 3	1 21	5 21	0 44	9 41	0 25	24 23	0 45	23 35	0 3	24 26	0 33	23 51	0 3	14 45	2 58	20 15	20 15	26 22			n.a.
M13	20 7	11 44	5 8	11 30	1 29	4 50	0 49	9 25	0 24	24 22	0 45	23 36	0 3	24 26	0 33	23 51	0 3	14 45	2 58	20 15	20 16	26 21			n.a.
T 14	19 54	16 43	5 18	10 57	1 37	4 19	0 53	9 8	0 24	24 21	0 45	23 36	0 2	24 26	0 33	23 51	0 3	14 45	2 58	20 15	20 17	26 20			n.a.
W15	19 40	20 52	5 12	10 24	1 45	3 48	0 58	8 51	0 23	24 21	0 45	23 37	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 15	20 17	26 19			n.a.
T 16	19 25	24 3	4 52	9 52	1 53	3 16	1 2	8 34	0 22	24 20	0 45	23 37	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 15	20 18	26 18			n.a.
F 17	19 11	26 8	4 20	9 21	2 1	2 45	1 7	8 18	0 21	24 19	0 45	23 38	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 15	20 19	26 17			n.a.
S 18	18 55	27 1	3 37	8 50	2 9	2 14	1 12	8 1	0 21	24 18	0 45	23 38	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 15	20 20	26 17			n.a.
S 19	18 40	26 40	2 44	8 20	2 17	1 42	1 16	7 43	0 20	24 17	0 46	23 39	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 14	20 20	26 16			n.a.
M20	18 24	25 6	1 45	7 50	2 24	1 11	1 21	7 26	0 19	24 17	0 46	23 39	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 14	20 21	26 15			n.a.
T 21	18 8	22 25	0 41	7 22	2 31	0 40	1 26	7 9	0 18	24 16	0 46	23 40	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 14	20 22	26 14			n.a.
W22	17 52	18 44	0s25	6 55	2 38	0 8	1 30	6 52	0 18	24 15	0 46	23 40	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 14	20 22	26 13			n.a.
T 23	17 35	14 15	1 31	6 29	2 45	0s23	1 35	6 34	0 17	24 14	0 46	23 40	0 2	24 26	0 33	23 51	0 3	14 46	2 58	20 14	20 23	26 12			n.a.
F 24	17 18	9 9	2 34	6 5	2 51	0 54	1 40	6 17	0 16	24 13	0 46	23 41	0 2	24 26	0 33	23 52	0 3	14 47	2 58	20 15	20 24	26 11			n.a.
S 25	17 1	3 37	3 30	5 43	2 57	1 26	1 44	5 59	0 15	24 12	0 46	23 41	0 1	24 26	0 33	23 52	0 3	14 47	2 58	20 15	20 25	26 10			n.a.
S 26	16 43	2s 9	4 17	5 22	3 3	1 57	1 49	5 41	0 15	24 11	0 47	23 42	0 1	24 26	0 33	23 52	0 3	14 47	2 58	20 15	20 25	26 9			n.a.
M27	16 25	7 54	4 52	5 3	3 8	2 28	1 54	5 24	0 14	24 10	0 47	23 42	0 1	24 26	0 33	23 52	0 3	14 47	2 58	20 16	20 26	26 8			n.a.
T 28	16 7	13 26	5 12	4 47	3 13	2 59	1 59	5 6	0 13	24 10	0 47	23 43	0 1	24 26	0 33	23 52	0 3	14 47	2 58	20 16	20 27	26 7			n.a.
W29	15 48	18 27	5 15	4 34	3 17	3 30	2 3	4 48	0 12	24 9	0 47	23 43	0 1	24 27	0 33	23 52	0 3	14 47	2 58	20 16	20 27	26 6			n.a.
T 30	15 30	22 37	5 1	4 23	3 20	4 1	2 8	4 30	0 12	24 8	0 47	23 43	0 1	24 27	0 33	23 52	0 3	14 47	2 58	20 17	20 28	26 4			n.a.
F 31	15n11	25s34	4s30	4n16	3s22	4s32	2s13	4n12	0n11	24n 7	0n47	23n44	0s 1	24s27	0s33	23n52	0s 3	14n47	2s58	20s16	20s29	26n 3			n.a.

Julian Day Number = 979812.5, Delta T = 13h15m13s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'52, Lahiri = -31°56'52 Julian Calendar 1 Aug. 2031 BCE == Greg. Calendar 15 July 2031 BCE

The year -2030 astronomical counting style corresponds to year 2031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

SEPTEMBER 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 31 8	20♌47'42	17♐10	11°R42	7♎16	20♍43	12♋43	23♊ 9	2°R59	27♊59	18♉17	1♒20	0♒20	4♋59	n.a.	S 1
S 2	21 35 5	21°47'29	1♑40	11♍42	8°21	21°27	12°55	23°14	2♑58	28° 1	18°17	1°21	0°17	5° 6	n.a.	S 2
M 3	21 39 1	22°47'19	16°21	11°34	9°26	22°10	13° 6	23°20	2°56	28° 2	18°18	1°23	0°14	5°12	n.a.	M 3
T 4	21 42 58	23°47'10	1♒ 7	11°17	10°30	22°54	13°18	23°25	2°55	28° 4	18°18	1°R23	0°11	5°19	n.a.	T 4
W 5	21 46 54	24°47'02	15°52	10°52	11°34	23°37	13°29	23°30	2°54	28° 5	18°18	1°23	0° 8	5°26	n.a.	W 5
T 6	21 50 51	25°46'57	0♓28	10°18	12°38	24°21	13°41	23°34	2°53	28° 6	18°R18	1°21	0° 4	5°32	n.a.	T 6
F 7	21 54 47	26°46'54	14°49	9°36	13°42	25° 4	13°52	23°39	2°52	28° 8	18°18	1°18	0° 1	5°39	n.a.	F 7
S 8	21 58 44	27°46'54	28°49	8°44	14°46	25°48	14° 3	23°44	2°51	28° 9	18°18	1°14	29♑58	5°46	n.a.	S 8
S 9	22 2 40	28°46'55	12♈25	7°45	15°49	26°32	14°14	23°49	2°50	28°10	18°18	1°10	29°55	5°52	n.a.	S 9
M10	22 6 37	29°46'59	25°37	6°39	16°52	27°15	14°25	23°53	2°49	28°12	18°17	1° 6	29°52	5°59	n.a.	M10
T 11	22 10 33	0♍47'05	8♉24	5°28	17°54	27°59	14°36	23°58	2°48	28°13	18°17	1° 2	29°49	6° 6	n.a.	T 11
W12	22 14 30	1°47'13	20°51	4°12	18°57	28°43	14°47	24° 2	2°47	28°14	18°17	1° 0	29°45	6°12	n.a.	W12
T 13	22 18 27	2°47'24	3♊ 0	2°56	19°59	29°27	14°57	24° 6	2°46	28°15	18°17	1°D 0	29°42	6°19	n.a.	T 13
F 14	22 22 23	3°47'37	14°57	1°39	21° 0	0♎11	15° 8	24°10	2°45	28°16	18°17	1° 0	29°39	6°25	n.a.	F 14
S 15	22 26 20	4°47'52	26°48	0°26	22° 2	0°56	15°19	24°15	2°44	28°18	18°17	1° 2	29°36	6°32	n.a.	S 15
S 16	22 30 16	5°48'10	8♋35	29♌18	23° 3	1°40	15°29	24°19	2°44	28°19	18°16	1° 4	29°33	6°39	n.a.	S 16
M17	22 34 13	6°48'29	20°26	28°18	24° 4	2°24	15°39	24°23	2°43	28°20	18°16	1° 5	29°30	6°45	n.a.	M17
T 18	22 38 9	7°48'51	2♌23	27°27	25° 4	3° 8	15°50	24°26	2°42	28°21	18°16	1°R 6	29°26	6°52	n.a.	T 18
W19	22 42 6	8°49'15	14°31	26°46	26° 4	3°53	16° 0	24°30	2°42	28°22	18°16	1° 5	29°23	6°59	n.a.	W19
T 20	22 46 2	9°49'40	26°51	26°16	27° 4	4°37	16°10	24°34	2°41	28°23	18°15	1° 2	29°20	7° 5	n.a.	T 20
F 21	22 49 59	10°50'08	9♍26	25°58	28° 3	5°22	16°20	24°37	2°41	28°24	18°15	0°57	29°17	7°12	n.a.	F 21
S 22	22 53 56	11°50'37	22°15	25°D52	29° 2	6° 6	16°30	24°41	2°40	28°25	18°14	0°51	29°14	7°19	n.a.	S 22
S 23	22 57 52	12°51'08	5♎19	25°57	0♏ 0	6°51	16°40	24°44	2°40	28°25	18°14	0°43	29°10	7°25	n.a.	S 23
M24	23 1 49	13°51'41	18°37	26°12	0°58	7°35	16°50	24°47	2°40	28°26	18°14	0°35	29° 7	7°32	n.a.	M24
T 25	23 5 45	14°52'16	2♏ 7	26°38	1°56	8°20	16°59	24°51	2°39	28°27	18°13	0°28	29° 4	7°39	n.a.	T 25
W26	23 9 42	15°52'52	15°47	27°13	2°52	9° 5	17° 9	24°54	2°39	28°28	18°13	0°23	29° 1	7°45	n.a.	W26
T 27	23 13 38	16°53'29	29°37	27°56	3°49	9°50	17°18	24°57	2°39	28°29	18°12	0°19	28°58	7°52	n.a.	T 27
F 28	23 17 35	17°54'08	13♐34	28°46	4°45	10°35	17°27	25° 0	2°39	28°29	18°12	0°D18	28°55	7°59	n.a.	F 28
S 29	23 21 31	18°54'49	27°39	29°43	5°40	11°20	17°37	25° 2	2°39	28°30	18°11	0°18	28°51	8° 5	n.a.	S 29
S 30	23 25 28	19♍55'31	11♑51	0♍46	6♏35	12♎ 5	17♋46	25♊ 5	2°D39	28♊31	18♉11	0♒19	28♑48	8♋12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n51	26s57	3s41	4n12	3s23	5s 2	2s18	3n54	0n10	24n 6	0n48	23n44	0s 1	24s27	0s33	23n52	0s 3	14n47	2s58	20s16	20s29	26n 2		n.a.
S 2	14 32	26 32	2 37	4 12	3 23	5 33	2 22	3 36	0 9	24 5	0 48	23 44	0 1	24 27	0 33	23 52	0 3	14 47	2 58	20 16	20 30	26 1		n.a.
M 3	14 12	24 16	1 22	4 16	3 22	6 3	2 27	3 18	0 9	24 4	0 48	23 45	0 1	24 27	0 33	23 52	0 3	14 47	2 58	20 16	20 31	26 0		n.a.
T 4	13 52	20 20	0 1	4 25	3 19	6 33	2 32	3 0	0 8	24 3	0 48	23 45	0 1	24 27	0 33	23 52	0 3	14 47	2 58	20 15	20 32	25 59		n.a.
W 5	13 32	15 9	1n19	4 38	3 15	7 3	2 36	2 42	0 7	24 2	0 48	23 45	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 16	20 32	25 58		n.a.
T 6	13 11	9 9	2 33	4 57	3 9	7 33	2 41	2 23	0 6	24 1	0 48	23 46	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 16	20 33	25 57		n.a.
F 7	12 50	2 47	3 37	5 20	3 1	8 3	2 45	2 5	0 6	24 0	0 49	23 46	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 17	20 34	25 56		n.a.
S 8	12 29	3n33	4 25	5 49	2 52	8 32	2 50	1 47	0 5	23 59	0 49	23 46	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 18	20 34	25 55		n.a.
S 9	12 8	9 33	4 57	6 22	2 40	9 1	2 54	1 28	0 4	23 58	0 49	23 47	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 19	20 35	25 54		n.a.
M10	11 47	14 55	5 12	7 0	2 26	9 30	2 59	1 10	0 4	23 57	0 49	23 47	0n 0	24 27	0 33	23 52	0 3	14 47	2 58	20 19	20 36	25 53		n.a.
T 11	11 25	19 29	5 11	7 41	2 11	9 59	3 3	0 51	0 3	23 56	0 49	23 47	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 20	20 36	25 51		n.a.
W12	11 3	23 4	4 55	8 25	1 53	10 27	3 8	0 33	0 2	23 55	0 50	23 48	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 21	20 37	25 50		n.a.
T 13	10 41	25 32	4 26	9 10	1 35	10 55	3 12	0 14	0 1	23 54	0 50	23 48	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 21	20 38	25 49		n.a.
F 14	10 19	26 48	3 46	9 56	1 15	11 23	3 16	0s 4	0 1	23 53	0 50	23 48	0 0	24 27	0 33	23 52	0 3	14 47	2 58	20 21	20 38	25 48		n.a.
S 15	9 57	26 50	2 57	10 42	0 55	11 50	3 21	0 23	0s 0	23 52	0 50	23 49	0 1	24 27	0 33	23 52	0 3	14 47	2 58	20 20	20 39	25 47		n.a.
S 16	9 34	25 38	2 0	11 25	0 34	12 18	3 25	0 41	0 1	23 50	0 50	23 49	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 20	20 40	25 46		n.a.
M17	9 11	23 18	0 58	12 5	0 14	12 44	3 29	1 0	0 2	23 49	0 50	23 49	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 20	20 40	25 45		n.a.
T 18	8 49	19 55	0s 7	12 42	0n 6	13 11	3 33	1 18	0 2	23 48	0 51	23 49	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 19	20 41	25 43		n.a.
W19	8 26	15 39	1 13	13 14	0 24	13 37	3 37	1 37	0 3	23 47	0 51	23 50	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 20	20 42	25 42		n.a.
T 20	8 2	10 42	2 16	13 40	0 42	14 3	3 40	1 56	0 4	23 46	0 51	23 50	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 20	20 42	25 41		n.a.
F 21	7 39	5 13	3 13	14 2	0 58	14 28	3 44	2 14	0 4	23 45	0 51	23 50	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 21	20 43	25 40		n.a.
S 22	7 16	0s34	4 2	14 17	1 12	14 53	3 48	2 33	0 5	23 44	0 52	23 50	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 23	20 44	25 39		n.a.
S 23	6 52	6 25	4 39	14 27	1 25	15 18	3 51	2 52	0 6	23 43	0 52	23 51	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 24	20 44	25 37		n.a.
M24	6 28	12 4	5 2	14 32	1 36	15 42	3 55	3 10	0 7	23 42	0 52	23 51	0 1	24 27	0 33	23 52	0 3	14 46	2 58	20 26	20 45	25 36		n.a.
T 25	6 5	17 15	5 8	14 32	1 46	16 6	3 58	3 29	0 7	23 41	0 52	23 51	0 2	24 27	0 32	23 52	0 3	14 46	2 58	20 28	20 46	25 35		n.a.
W26	5 41	21 38	4 58	14 28	1 54	16 29	4 2	3 48	0 8	23 40	0 52	23 51	0 2	24 27	0 32	23 53	0 3	14 45	2 58	20 29	20 46	25 34		n.a.
T 27	5 17	24 51	4 29	14 19	2 0	16 52	4 5	4 6	0 9	23 39	0 53	23 51	0 2	24 27	0 32	23 53	0 3	14 45	2 58	20 30	20 47	25 33		n.a.
F 28	4 53	26 37	3 45	14 5	2 5	17 15	4 8	4 25	0 9	23 38	0 53	23 52	0 2	24 27	0 32	23 53	0 3	14 45	2 58	20 30	20 48	25 31		n.a.
S 29	4 28	26 41	2 47	13 48	2 9	17 37	4 11	4 43	0 10	23 37	0 53	23 52	0 2	24 26	0 32	23 53	0 3	14 45	2 58	20 30	20 48	25 30		n.a.
S 30	4n 4	25s 1	1s38	13n28	2n12	17s58	4s14	5s 2	0s11	23n36	0n53	23n52	0n 2	24s26	0s32	23n53	0s 3	14n45	2s58	20s30	20s49	25n29		n.a.

Julian Day Number = 979843.5, Delta T = 13h15m10s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'48, Lahiri = -31°56'48 Julian Calendar 1 Sept. 2031 BCE == Greg. Calendar 15 Aug. 2031 BCE

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

OCTOBER 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 29 24	20♍56'13	26♉ 7	1♍53	7♏29	12♎50	17♋55	25♊ 8	2♉39	28♊31	18°R10	0°R20	28♉45	8♋19	n.a.	M 1
T 2	23 33 21	21°56'58	10♒26	3° 5	8°23	13°35	18° 3	25°10	2°39	28°32	18♉ 9	0♒20	28°42	8°25	n.a.	T 2
W 3	23 37 18	22°57'43	24°43	4°21	9°16	14°20	18°12	25°12	2°39	28°32	18° 9	0°17	28°39	8°32	n.a.	W 3
T 4	23 41 14	23°58'30	8♓56	5°39	10° 8	15° 5	18°21	25°15	2°39	28°33	18° 8	0°12	28°35	8°39	n.a.	T 4
F 5	23 45 11	24°59'18	22°59	7° 1	11° 0	15°51	18°29	25°17	2°40	28°33	18° 8	0° 5	28°32	8°45	n.a.	F 5
S 6	23 49 7	26° 0'08	6♈47	8°24	11°50	16°36	18°37	25°19	2°40	28°34	18° 7	29♉56	28°29	8°52	n.a.	S 6
S 7	23 53 4	27° 0'59	20°16	9°50	12°40	17°21	18°46	25°21	2°40	28°34	18° 6	29°45	28°26	8°59	n.a.	S 7
M 8	23 57 0	28° 1'52	3♉25	11°17	13°30	18° 7	18°54	25°23	2°41	28°35	18° 5	29°35	28°23	9° 5	n.a.	M 8
T 9	0 0 57	29° 2'46	16°13	12°45	14°18	18°52	19° 2	25°24	2°41	28°35	18° 5	29°26	28°20	9°12	n.a.	T 9
W10	0 4 53	0♎ 3'42	28°40	14°14	15° 6	19°38	19°10	25°26	2°42	28°35	18° 4	29°19	28°16	9°19	n.a.	W10
T 11	0 8 50	1° 4'40	10♊51	15°44	15°52	20°23	19°17	25°27	2°42	28°36	18° 3	29°14	28°13	9°25	n.a.	T 11
F 12	0 12 47	2° 5'39	22°49	17°15	16°38	21° 9	19°25	25°29	2°43	28°36	18° 2	29°12	28°10	9°32	n.a.	F 12
S 13	0 16 43	3° 6'39	4♋39	18°47	17°23	21°54	19°32	25°30	2°43	28°36	18° 2	29°D12	28° 7	9°39	n.a.	S 13
S 14	0 20 40	4° 7'41	16°27	20°19	18° 7	22°40	19°40	25°31	2°44	28°36	18° 1	29°12	28° 4	9°45	n.a.	S 14
M15	0 24 36	5° 8'45	28°18	21°51	18°50	23°26	19°47	25°32	2°45	28°36	18° 0	29°R12	28° 1	9°52	n.a.	M15
T 16	0 28 33	6° 9'49	10♌18	23°24	19°31	24°12	19°54	25°33	2°46	28°37	17°59	29°12	27°57	9°58	n.a.	T 16
W17	0 32 29	7°10'55	22°30	24°57	20°12	24°58	20° 1	25°34	2°47	28°37	17°58	29° 9	27°54	10° 5	n.a.	W17
T 18	0 36 26	8°12'03	5♍ 0	26°30	20°51	25°44	20° 7	25°35	2°47	28°R37	17°57	29° 4	27°51	10°12	n.a.	T 18
F 19	0 40 22	9°13'11	17°48	28° 4	21°29	26°30	20°14	25°36	2°48	28°37	17°56	28°56	27°48	10°18	n.a.	F 19
S 20	0 44 19	10°14'21	0♎57	29°37	22° 6	27°16	20°20	25°36	2°49	28°37	17°55	28°45	27°45	10°25	n.a.	S 20
S 21	0 48 16	11°15'31	14°25	1♎11	22°42	28° 2	20°27	25°36	2°50	28°37	17°54	28°33	27°41	10°32	n.a.	S 21
M22	0 52 12	12°16'42	28°10	2°44	23°16	28°48	20°33	25°37	2°52	28°36	17°53	28°21	27°38	10°38	n.a.	M22
T 23	0 56 9	13°17'55	12♏ 7	4°18	23°49	29°34	20°39	25°37	2°53	28°36	17°52	28° 9	27°35	10°45	n.a.	T 23
W24	1 0 5	14°19'08	26°12	5°51	24°20	0♏20	20°44	25°R37	2°54	28°36	17°51	27°59	27°32	10°52	n.a.	W24
T 25	1 4 2	15°20'21	10♐21	7°25	24°50	1° 6	20°50	25°37	2°55	28°36	17°50	27°52	27°29	10°58	n.a.	T 25
F 26	1 7 58	16°21'36	24°31	8°59	25°18	1°52	20°56	25°37	2°57	28°36	17°49	27°49	27°26	11° 5	n.a.	F 26
S 27	1 11 55	17°22'50	8♑39	10°33	25°44	2°39	21° 1	25°36	2°58	28°35	17°48	27°47	27°22	11°12	n.a.	S 27
S 28	1 15 52	18°24'05	22°44	12° 7	26° 9	3°25	21° 6	25°36	2°59	28°35	17°47	27°47	27°19	11°18	n.a.	S 28
M29	1 19 48	19°25'20	6♒44	13°40	26°31	4°11	21°11	25°36	3° 1	28°35	17°46	27°47	27°16	11°25	n.a.	M29
T 30	1 23 45	20°26'36	20°41	15°14	26°52	4°58	21°16	25°35	3° 2	28°34	17°45	27°45	27°13	11°32	n.a.	T 30
W31	1 27 41	21♎27'52	4♓33	16♎48	27♏11	5♏44	21♋20	25♊34	3♉ 4	28♊34	17♉44	27♉41	27♉10	11♋38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	3n40	21s44	0s23	13n 5	2n13	18s19	4s16	5s21	0s12	23n35	0n53	23n52	0n 2	24s26	0s32	23n53	0s 3	14n45	2s58	20s29	20s50	25n28			n.a.
T 2	3 15	17 7	0n54	12 39	2 14	18 39	4 19	5 39	0 12	23 34	0 54	23 53	0 2	24 26	0 32	23 53	0 3	14 44	2 58	20 30	20 50	25 26			n.a.
W 3	2 51	11 33	2 7	12 11	2 14	18 59	4 21	5 58	0 13	23 33	0 54	23 53	0 2	24 26	0 32	23 53	0 3	14 44	2 58	20 30	20 51	25 25			n.a.
T 4	2 26	5 26	3 12	11 40	2 13	19 18	4 23	6 16	0 14	23 32	0 54	23 53	0 2	24 26	0 32	23 53	0 3	14 44	2 58	20 31	20 52	25 24			n.a.
F 5	2 2	0n53	4 4	11 8	2 11	19 37	4 26	6 35	0 14	23 31	0 54	23 53	0 3	24 26	0 32	23 53	0 3	14 44	2 58	20 33	20 52	25 22			n.a.
S 6	1 37	7 1	4 41	10 34	2 9	19 55	4 27	6 53	0 15	23 30	0 55	23 53	0 3	24 26	0 32	23 53	0 3	14 44	2 58	20 35	20 53	25 21			n.a.
S 7	1 13	12 42	5 1	9 59	2 6	20 13	4 29	7 11	0 16	23 29	0 55	23 53	0 3	24 26	0 32	23 53	0 3	14 44	2 58	20 37	20 54	25 20			n.a.
M 8	0 48	17 39	5 4	9 22	2 2	20 30	4 31	7 30	0 16	23 28	0 55	23 54	0 3	24 26	0 32	23 53	0 3	14 43	2 58	20 39	20 54	25 19			n.a.
T 9	0 23	21 40	4 52	8 44	1 58	20 46	4 32	7 48	0 17	23 28	0 55	23 54	0 3	24 26	0 32	23 53	0 3	14 43	2 58	20 41	20 55	25 17			n.a.
W10	0s 1	24 35	4 26	8 5	1 54	21 2	4 33	8 6	0 18	23 27	0 56	23 54	0 3	24 26	0 32	23 53	0 2	14 43	2 58	20 43	20 56	25 16			n.a.
T 11	0 26	26 18	3 49	7 25	1 50	21 17	4 34	8 24	0 18	23 26	0 56	23 54	0 3	24 26	0 32	23 53	0 2	14 43	2 58	20 44	20 56	25 15			n.a.
F 12	0 51	26 45	3 2	6 44	1 45	21 32	4 35	8 42	0 19	23 25	0 56	23 54	0 3	24 26	0 32	23 53	0 2	14 42	2 58	20 44	20 57	25 13			n.a.
S 13	1 16	25 58	2 7	6 3	1 39	21 46	4 36	9 1	0 20	23 24	0 56	23 54	0 3	24 26	0 32	23 53	0 2	14 42	2 58	20 44	20 58	25 12			n.a.
S 14	1 40	24 1	1 8	5 21	1 34	21 59	4 36	9 19	0 20	23 23	0 57	23 55	0 3	24 26	0 32	23 53	0 2	14 42	2 58	20 44	20 58	25 11			n.a.
M15	2 5	21 0	0 5	4 38	1 28	22 12	4 36	9 36	0 21	23 22	0 57	23 55	0 4	24 26	0 32	23 53	0 2	14 42	2 58	20 44	20 59	25 9			n.a.
T 16	2 30	17 5	0s59	3 56	1 22	22 23	4 36	9 54	0 22	23 22	0 57	23 55	0 4	24 26	0 32	23 53	0 2	14 42	2 58	20 44	21 0	25 8			n.a.
W17	2 54	12 24	2 1	3 13	1 16	22 34	4 36	10 12	0 22	23 21	0 57	23 55	0 4	24 26	0 32	23 53	0 2	14 41	2 58	20 45	21 0	25 7			n.a.
T 18	3 19	7 7	2 58	2 29	1 10	22 45	4 35	10 30	0 23	23 20	0 58	23 55	0 4	24 26	0 32	23 53	0 2	14 41	2 58	20 46	21 1	25 5			n.a.
F 19	3 44	1 26	3 48	1 46	1 4	22 55	4 34	10 48	0 24	23 19	0 58	23 55	0 4	24 26	0 32	23 53	0 2	14 41	2 58	20 48	21 2	25 4			n.a.
S 20	4 8	4s27	4 27	1 2	0 58	23 3	4 33	11 5	0 24	23 19	0 58	23 55	0 4	24 26	0 32	23 53	0 2	14 41	2 58	20 50	21 2	25 2			n.a.
S 21	4 33	10 16	4 52	0 18	0 51	23 12	4 32	11 23	0 25	23 18	0 58	23 55	0 4	24 26	0 32	23 53	0 2	14 40	2 58	20 52	21 3	25 1			n.a.
M22	4 57	15 42	5 1	0s26	0 45	23 19	4 30	11 40	0 26	23 17	0 59	23 56	0 4	24 26	0 32	23 53	0 2	14 40	2 58	20 55	21 4	25 0			n.a.
T 23	5 21	20 24	4 52	1 10	0 38	23 26	4 28	11 57	0 26	23 17	0 59	23 56	0 4	24 26	0 32	23 53	0 2	14 40	2 58	20 57	21 4	24 58			n.a.
W24	5 45	24 0	4 26	1 53	0 32	23 31	4 26	12 14	0 27	23 16	0 59	23 56	0 5	24 26	0 32	23 53	0 2	14 40	2 58	20 59	21 5	24 57			n.a.
T 25	6 10	26 8	3 43	2 37	0 25	23 36	4 23	12 32	0 28	23 15	0 59	23 56	0 5	24 26	0 32	23 53	0 2	14 39	2 58	21 1	21 5	24 56			n.a.
F 26	6 34	26 35	2 46	3 21	0 18	23 41	4 20	12 48	0 28	23 15	1 0	23 56	0 5	24 26	0 32	23 53	0 2	14 39	2 58	21 1	21 6	24 54			n.a.
S 27	6 58	25 18	1 39	4 5	0 12	23 44	4 17	13 5	0 29	23 14	1 0	23 56	0 5	24 25	0 32	23 53	0 2	14 39	2 58	21 2	21 7	24 53			n.a.
S 28	7 21	22 25	0 27	4 48	0 5	23 46	4 13	13 22	0 30	23 14	1 0	23 56	0 5	24 25	0 32	23 53	0 2	14 38	2 58	21 2	21 7	24 51			n.a.
M29	7 45	18 12	0n47	5 31	0s 1	23 48	4 9	13 39	0 30	23 13	1 1	23 56	0 5	24 25	0 32	23 53	0 2	14 38	2 58	21 2	21 8	24 50			n.a.
T 30	8 9	13 2	1 58	6 15	0 8	23 48	4 4	13 55	0 31	23 13	1 1	23 56	0 5	24 25	0 32	23 53	0 2	14 38	2 58	21 2	21 9	24 48			n.a.
W31	8s32	7s14	3n 1	6s57	0s14	23s48	3s59	14s12	0s31	23n12	1n 1	23n56	0n 5	24s25	0s32	23n53	0s 2	14n38	2s58	21s 3	21s 9	24n47			n.a.

Julian Day Number = 979873.5, Delta T = 13h15m08s
Ecliptic obliquity = 23°55'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'44, Lahiri = -31°56'44 Julian Calendar 1 Oct. 2031 BCE == Greg. Calendar 14 Sept. 2031 BCE

The year -2030 astronomical counting style corresponds to year 2031 B.C.E historical counting style.

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NOVEMBER 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 31 38	22♎29'07	18♓18	18♎23	27♏28	6♏31	21♋25	25°R33	3♑ 5	28°R34	17°R43	27°R34	27♑ 7	11♋45	n.a.	T 1
F 2	1 35 34	23°30'24	1♈54	19°57	27°43	7°17	21°29	25♊32	3° 7	28♊33	17♉42	27♑24	27° 3	11°52	n.a.	F 2
S 3	1 39 31	24°31'40	15°20	21°31	27°55	8° 4	21°33	25°31	3° 9	28°33	17°41	27°12	27° 0	11°58	n.a.	S 3
S 4	1 43 27	25°32'57	28°31	23° 6	28° 6	8°50	21°37	25°30	3°10	28°32	17°39	26°58	26°57	12° 5	n.a.	S 4
M 5	1 47 24	26°34'15	11♉27	24°40	28°14	9°37	21°41	25°29	3°12	28°31	17°38	26°44	26°54	12°11	n.a.	M 5
T 6	1 51 21	27°35'32	24° 7	26°15	28°19	10°24	21°45	25°27	3°14	28°31	17°37	26°32	26°51	12°18	n.a.	T 6
W 7	1 55 17	28°36'51	6♊30	27°50	28°23	11°10	21°48	25°26	3°16	28°30	17°36	26°21	26°47	12°25	n.a.	W 7
T 8	1 59 14	29°38'09	18°39	29°25	28°R24	11°57	21°51	25°24	3°18	28°30	17°35	26°14	26°44	12°31	n.a.	T 8
F 9	2 3 10	0♏39'28	0♋36	1♏ 1	28°22	12°44	21°54	25°23	3°20	28°29	17°34	26° 9	26°41	12°38	n.a.	F 9
S 10	2 7 7	1°40'48	12°25	2°36	28°18	13°31	21°57	25°21	3°22	28°28	17°32	26° 7	26°38	12°45	n.a.	S 10
S 11	2 11 3	2°42'08	24°12	4°12	28°11	14°17	22° 0	25°19	3°24	28°27	17°31	26°D 6	26°35	12°51	n.a.	S 11
M12	2 15 0	3°43'28	6♌ 2	5°48	28° 2	15° 4	22° 3	25°17	3°26	28°27	17°30	26°R 6	26°32	12°58	n.a.	M12
T 13	2 18 57	4°44'48	18° 1	7°25	27°51	15°51	22° 5	25°15	3°28	28°26	17°29	26° 6	26°28	13° 5	n.a.	T 13
W14	2 22 53	5°46'09	0♍14	9° 2	27°37	16°38	22° 7	25°13	3°30	28°25	17°28	26° 3	26°25	13°11	n.a.	W14
T 15	2 26 50	6°47'29	12°45	10°39	27°20	17°25	22° 9	25°10	3°32	28°24	17°26	25°58	26°22	13°18	n.a.	T 15
F 16	2 30 46	7°48'50	25°40	12°16	27° 1	18°12	22°11	25° 8	3°35	28°23	17°25	25°51	26°19	13°25	n.a.	F 16
S 17	2 34 43	8°50'11	8♎59	13°53	26°40	18°59	22°12	25° 5	3°37	28°22	17°24	25°41	26°16	13°31	n.a.	S 17
S 18	2 38 39	9°51'32	22°43	15°31	26°17	19°46	22°14	25° 3	3°39	28°21	17°23	25°29	26°12	13°38	n.a.	S 18
M19	2 42 36	10°52'53	6♏49	17° 9	25°51	20°33	22°15	25° 0	3°42	28°20	17°21	25°17	26° 9	13°45	n.a.	M19
T 20	2 46 32	11°54'14	21°12	18°48	25°24	21°20	22°16	24°57	3°44	28°19	17°20	25° 5	26° 6	13°51	n.a.	T 20
W21	2 50 29	12°55'34	5♐46	20°27	24°54	22° 7	22°17	24°54	3°46	28°18	17°19	24°55	26° 3	13°58	n.a.	W21
T 22	2 54 26	13°56'54	20°22	22° 6	24°23	22°54	22°17	24°51	3°49	28°17	17°18	24°48	26° 0	14° 5	n.a.	T 22
F 23	2 58 22	14°58'13	4♑56	23°45	23°50	23°41	22°18	24°48	3°51	28°16	17°16	24°44	25°57	14°11	n.a.	F 23
S 24	3 2 19	15°59'32	19°21	25°24	23°16	24°28	22°18	24°45	3°54	28°15	17°15	24°D43	25°53	14°18	n.a.	S 24
S 25	3 6 15	17° 0'50	3♒34	27° 3	22°41	25°15	22°R18	24°42	3°57	28°14	17°14	24°43	25°50	14°24	n.a.	S 25
M26	3 10 12	18° 2'07	17°35	28°43	22° 5	26° 3	22°18	24°38	3°59	28°13	17°13	24°R43	25°47	14°31	n.a.	M26
T 27	3 14 8	19° 3'23	1♓24	0♐22	21°29	26°50	22°17	24°35	4° 2	28°11	17°11	24°43	25°44	14°38	n.a.	T 27
W28	3 18 5	20° 4'38	14°59	2° 2	20°52	27°37	22°17	24°32	4° 4	28°10	17°10	24°40	25°41	14°44	n.a.	W28
T 29	3 22 2	21° 5'52	28°24	3°41	20°15	28°24	22°16	24°28	4° 7	28° 9	17° 9	24°35	25°38	14°51	n.a.	T 29
F 30	3 25 58	22♏ 7'05	11♈36	5♐20	19♏38	29♏11	22♋15	24♊24	4♑10	28♊ 8	17♉ 8	24♑27	25♑34	14♋58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s55	1 s 9	3n53	7 s40	0 s21	23 s47	3 s54	14 s28	0 s32	23n12	1n 1	23n57	0n 5	24 s25	0 s32	23n53	0 s 2	14n37	2 s58	21 s 4	21 s10	24n45		n.a.
F 2	9 19	4n54	4 31	8 22	0 27	23 45	3 48	14 44	0 33	23 11	1 2	23 57	0 6	24 25	0 32	23 53	0 2	14 37	2 58	21 6	21 10	24 44		n.a.
S 3	9 42	10 39	4 54	9 4	0 33	23 41	3 41	15 0	0 33	23 11	1 2	23 57	0 6	24 25	0 32	23 53	0 2	14 37	2 58	21 9	21 11	24 43		n.a.
S 4	10 4	15 49	5 0	9 46	0 39	23 37	3 35	15 16	0 34	23 11	1 2	23 57	0 6	24 25	0 32	23 53	0 2	14 36	2 58	21 12	21 12	24 41		n.a.
M 5	10 27	20 10	4 50	10 27	0 45	23 32	3 27	15 32	0 34	23 10	1 3	23 57	0 6	24 25	0 32	23 53	0 2	14 36	2 58	21 14	21 12	24 40		n.a.
T 6	10 50	23 29	4 26	11 8	0 51	23 26	3 20	15 48	0 35	23 10	1 3	23 57	0 6	24 25	0 32	23 53	0 2	14 36	2 58	21 17	21 13	24 38		n.a.
W 7	11 12	25 37	3 50	11 48	0 57	23 19	3 11	16 3	0 36	23 10	1 3	23 57	0 6	24 25	0 32	23 53	0 2	14 36	2 58	21 19	21 14	24 37		n.a.
T 8	11 34	26 29	3 4	12 28	1 3	23 10	3 3	16 18	0 36	23 9	1 3	23 57	0 6	24 25	0 32	23 53	0 2	14 35	2 57	21 20	21 14	24 35		n.a.
F 9	11 56	26 6	2 11	13 8	1 8	23 1	2 53	16 33	0 37	23 9	1 4	23 57	0 6	24 25	0 32	23 53	0 2	14 35	2 57	21 21	21 15	24 34		n.a.
S 10	12 18	24 32	1 12	13 46	1 14	22 51	2 44	16 48	0 37	23 9	1 4	23 57	0 6	24 25	0 32	23 53	0 2	14 35	2 57	21 22	21 15	24 32		n.a.
S 11	12 39	21 53	0 10	14 25	1 19	22 39	2 33	17 3	0 38	23 9	1 4	23 57	0 7	24 25	0 32	23 53	0 2	14 34	2 57	21 22	21 16	24 31		n.a.
M12	13 1	18 18	0 s52	15 2	1 24	22 26	2 23	17 18	0 39	23 9	1 5	23 57	0 7	24 25	0 32	23 53	0 2	14 34	2 57	21 22	21 17	24 29		n.a.
T 13	13 22	13 57	1 53	15 39	1 29	22 13	2 11	17 33	0 39	23 9	1 5	23 57	0 7	24 24	0 32	23 53	0 2	14 34	2 57	21 22	21 17	24 28		n.a.
W14	13 43	8 58	2 50	16 16	1 33	21 58	1 59	17 47	0 40	23 9	1 5	23 57	0 7	24 24	0 32	23 53	0 2	14 33	2 57	21 22	21 18	24 26		n.a.
T 15	14 4	3 31	3 41	16 51	1 37	21 42	1 47	18 1	0 40	23 9	1 5	23 57	0 7	24 24	0 31	23 53	0 2	14 33	2 57	21 23	21 19	24 25		n.a.
F 16	14 24	2 s13	4 21	17 26	1 41	21 25	1 34	18 15	0 41	23 9	1 6	23 57	0 7	24 24	0 31	23 53	0 2	14 33	2 57	21 25	21 19	24 23		n.a.
S 17	14 44	8 2	4 49	18 0	1 45	21 7	1 21	18 29	0 41	23 9	1 6	23 57	0 7	24 24	0 31	23 53	0 2	14 33	2 57	21 26	21 20	24 21		n.a.
S 18	15 4	13 39	5 1	18 33	1 49	20 48	1 7	18 42	0 42	23 9	1 6	23 57	0 7	24 24	0 31	23 53	0 2	14 32	2 57	21 29	21 20	24 20		n.a.
M19	15 24	18 42	4 55	19 5	1 52	20 28	0 53	18 56	0 42	23 9	1 7	23 57	0 8	24 24	0 31	23 53	0 2	14 32	2 57	21 31	21 21	24 18		n.a.
T 20	15 43	22 46	4 31	19 36	1 55	20 8	0 39	19 9	0 43	23 9	1 7	23 57	0 8	24 24	0 31	23 53	0 2	14 32	2 57	21 33	21 22	24 17		n.a.
W21	16 2	25 27	3 49	20 6	1 57	19 46	0 24	19 22	0 43	23 9	1 7	23 57	0 8	24 24	0 31	23 53	0 2	14 31	2 57	21 35	21 22	24 15		n.a.
T 22	16 21	26 25	2 52	20 35	2 0	19 24	0 9	19 35	0 44	23 9	1 8	23 57	0 8	24 24	0 31	23 53	0 2	14 31	2 57	21 36	21 23	24 14		n.a.
F 23	16 39	25 33	1 43	21 3	2 1	19 1	0n 6	19 48	0 45	23 9	1 8	23 57	0 8	24 24	0 31	23 53	0 2	14 31	2 57	21 37	21 23	24 12		n.a.
S 24	16 58	22 58	0 29	21 29	2 3	18 38	0 21	20 0	0 45	23 10	1 8	23 57	0 8	24 24	0 31	23 53	0 2	14 30	2 57	21 37	21 24	24 10		n.a.
S 25	17 16	18 59	0n47	21 54	2 4	18 14	0 37	20 12	0 46	23 10	1 9	23 57	0 8	24 23	0 31	23 53	0 2	14 30	2 57	21 37	21 25	24 9		n.a.
M26	17 33	14 0	1 59	22 18	2 4	17 49	0 52	20 24	0 46	23 10	1 9	23 57	0 8	24 23	0 31	23 53	0 2	14 30	2 57	21 37	21 25	24 7		n.a.
T 27	17 50	8 22	3 2	22 40	2 4	17 25	1 8	20 36	0 47	23 11	1 9	23 57	0 8	24 23	0 31	23 53	0 2	14 30	2 57	21 37	21 26	24 6		n.a.
W28	18 7	2 26	3 54	23 0	2 4	17 0	1 23	20 48	0 47	23 11	1 9	23 57	0 9	24 23	0 31	23 53	0 2	14 29	2 56	21 38	21 26	24 4		n.a.
T 29	18 24	3n30	4 33	23 19	2 3	16 36	1 38	20 59	0 48	23 12	1 10	23 57	0 9	24 23	0 31	23 53	0 2	14 29	2 56	21 39	21 27	24 2		n.a.
F 30	18 s40	9n12	4n56	23 s36	2 s 1	16 s11	1n53	21 s10	0 s48	23n12	1n10	23n57	0n 9	24 s23	0 s31	23n53	0 s 2	14n29	2 s56	21 s40	21 s28	24n 1		n.a.

Julian Day Number = 979904.5, Delta T = 13h15m06s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'40, Lahiri = -31°56'40 Julian Calendar 1 Nov. 2031 BCE == Greg. Calendar 15 Oct. 2031 BCE

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ASTRODIENST EPHEMERIS for the year 2031 BCE
geocentric

DECEMBER 2031 BCE (-2030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 29 55	23♏ 8'18	24♈37	6♐58	19°R 2	29♏59	22°R14	24°R21	4♑13	28°R 6	17°R 6	24°R16	25♑31	15♋ 4	n.a.	S 1
S 2	3 33 51	24° 9'29	7♉27	8°35	18♏26	0♐46	22♋13	24♊17	4°15	28♊ 5	17♉ 5	24♑ 5	25°28	15°11	n.a.	S 2
M 3	3 37 48	25°10'40	20° 4	10°11	17°51	1°33	22°11	24°13	4°18	28° 4	17° 4	23°54	25°25	15°18	n.a.	M 3
T 4	3 41 44	26°11'50	2♊29	11°46	17°17	2°20	22° 9	24° 9	4°21	28° 2	17° 3	23°43	25°22	15°24	n.a.	T 4
W 5	3 45 41	27°12'59	14°42	13°20	16°45	3° 8	22° 8	24° 5	4°24	28° 1	17° 1	23°34	25°18	15°31	n.a.	W 5
T 6	3 49 38	28°14'07	26°44	14°51	16°14	3°55	22° 5	24° 1	4°27	28° 0	17° 0	23°28	25°15	15°38	n.a.	T 6
F 7	3 53 34	29°15'15	8♋38	16°20	15°46	4°42	22° 3	23°57	4°30	27°58	16°59	23°24	25°12	15°44	n.a.	F 7
S 8	3 57 31	0♐16'21	20°26	17°46	15°19	5°29	22° 1	23°53	4°33	27°57	16°58	23°D23	25° 9	15°51	n.a.	S 8
S 9	4 1 27	1°17'27	2♌13	19° 9	14°54	6°17	21°58	23°48	4°36	27°55	16°57	23°23	25° 6	15°58	n.a.	S 9
M10	4 5 24	2°18'32	14° 2	20°27	14°31	7° 4	21°55	23°44	4°39	27°54	16°55	23°25	25° 3	16° 4	n.a.	M10
T 11	4 9 20	3°19'36	25°59	21°41	14°11	7°51	21°52	23°40	4°42	27°52	16°54	23°26	24°59	16°11	n.a.	T 11
W12	4 13 17	4°20'40	8♍ 9	22°49	13°53	8°39	21°49	23°35	4°45	27°51	16°53	23°R26	24°56	16°18	n.a.	W12
T 13	4 17 13	5°21'42	20°38	23°51	13°37	9°26	21°46	23°31	4°48	27°49	16°52	23°25	24°53	16°24	n.a.	T 13
F 14	4 21 10	6°22'43	3♎30	24°45	13°24	10°13	21°42	23°26	4°51	27°48	16°51	23°21	24°50	16°31	n.a.	F 14
S 15	4 25 7	7°23'44	16°48	25°32	13°14	11° 1	21°38	23°22	4°54	27°46	16°49	23°16	24°47	16°37	n.a.	S 15
S 16	4 29 3	8°24'43	0♏34	26°10	13° 6	11°48	21°34	23°17	4°57	27°45	16°48	23° 9	24°44	16°44	n.a.	S 16
M17	4 33 0	9°25'42	14°47	26°38	13° 0	12°36	21°30	23°13	5° 1	27°43	16°47	23° 2	24°40	16°51	n.a.	M17
T 18	4 36 56	10°26'39	29°23	26°56	12°57	13°23	21°26	23° 8	5° 4	27°42	16°46	22°55	24°37	16°57	n.a.	T 18
W19	4 40 53	11°27'35	14♐16	27°R 3	12°D57	14°10	21°21	23° 3	5° 7	27°40	16°45	22°49	24°34	17° 4	n.a.	W19
T 20	4 44 49	12°28'30	29°15	26°59	12°58	14°58	21°17	22°58	5°10	27°38	16°44	22°45	24°31	17°11	n.a.	T 20
F 21	4 48 46	13°29'23	14♑14	26°45	13° 3	15°45	21°12	22°54	5°14	27°37	16°43	22°43	24°28	17°17	n.a.	F 21
S 22	4 52 43	14°30'14	29° 4	26°19	13° 9	16°32	21° 7	22°49	5°17	27°35	16°41	22°D43	24°24	17°24	n.a.	S 22
S 23	4 56 39	15°31'04	13♒38	25°42	13°18	17°20	21° 2	22°44	5°20	27°33	16°40	22°44	24°21	17°31	n.a.	S 23
M24	5 0 36	16°31'52	27°53	24°57	13°29	18° 7	20°57	22°39	5°23	27°32	16°39	22°45	24°18	17°37	n.a.	M24
T 25	5 4 32	17°32'38	11♓47	24° 3	13°42	18°54	20°51	22°35	5°27	27°30	16°38	22°R46	24°15	17°44	n.a.	T 25
W26	5 8 29	18°33'22	25°22	23° 2	13°58	19°42	20°46	22°30	5°30	27°29	16°37	22°46	24°12	17°51	n.a.	W26
T 27	5 12 25	19°34'04	8♈37	21°56	14°15	20°29	20°40	22°25	5°33	27°27	16°36	22°44	24° 9	17°57	n.a.	T 27
F 28	5 16 22	20°34'44	21°36	20°47	14°34	21°16	20°34	22°20	5°37	27°25	16°35	22°41	24° 5	18° 4	n.a.	F 28
S 29	5 20 18	21°35'22	4♉20	19°37	14°55	22° 4	20°28	22°15	5°40	27°24	16°34	22°37	24° 2	18°11	n.a.	S 29
S 30	5 24 15	22°35'59	16°50	18°27	15°19	22°51	20°22	22°10	5°43	27°22	16°33	22°32	23°59	18°17	n.a.	S 30
M31	5 28 12	23♐36'33	29♉10	17♐20	15♏43	23♐38	20♋16	22♊ 5	5♑47	27♊20	16♉32	22♑26	23♑56	18♋24	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s56	14n25	5n 4	23s52	1s58	15s47	2n 8	21s21	0s49	23n12	1n10	23n57	0n 9	24s23	0s31	23n53	0s 2	14n28	2s56	21s42	21s28	23n59		n.a.
S 2	19 12	18 55	4 56	24 5	1 55	15 23	2 22	21 32	0 49	23 13	1 11	23 57	0 9	24 23	0 31	23 53	0 2	14 28	2 56	21 44	21 29	23 58		n.a.
M 3	19 27	22 30	4 33	24 16	1 52	15 0	2 36	21 42	0 49	23 14	1 11	23 57	0 9	24 23	0 31	23 53	0 2	14 28	2 56	21 46	21 29	23 56		n.a.
T 4	19 42	24 58	3 58	24 26	1 47	14 38	2 50	21 52	0 50	23 14	1 11	23 57	0 9	24 23	0 31	23 53	0 2	14 27	2 56	21 48	21 30	23 54		n.a.
W 5	19 56	26 13	3 12	24 33	1 42	14 16	3 2	22 2	0 50	23 15	1 12	23 57	0 9	24 22	0 31	23 53	0 2	14 27	2 56	21 49	21 31	23 53		n.a.
T 6	20 10	26 11	2 18	24 38	1 35	13 56	3 15	22 12	0 51	23 15	1 12	23 57	0 9	24 22	0 31	23 53	0 2	14 27	2 56	21 50	21 31	23 51		n.a.
F 7	20 24	24 57	1 19	24 40	1 28	13 36	3 27	22 21	0 51	23 16	1 12	23 57	0 10	24 22	0 31	23 53	0 2	14 27	2 56	21 51	21 32	23 49		n.a.
S 8	20 37	22 36	0 16	24 41	1 20	13 17	3 38	22 30	0 52	23 17	1 12	23 57	0 10	24 22	0 31	23 53	0 2	14 26	2 56	21 51	21 32	23 48		n.a.
S 9	20 50	19 18	0s47	24 39	1 11	13 0	3 49	22 39	0 52	23 17	1 13	23 57	0 10	24 22	0 31	23 53	0 2	14 26	2 56	21 51	21 33	23 46		n.a.
M10	21 3	15 13	1 49	24 35	1 1	12 44	3 59	22 48	0 53	23 18	1 13	23 57	0 10	24 22	0 31	23 53	0 2	14 26	2 56	21 51	21 34	23 44		n.a.
T 11	21 15	10 30	2 47	24 29	0 50	12 28	4 8	22 56	0 53	23 19	1 13	23 56	0 10	24 22	0 31	23 53	0 2	14 26	2 56	21 51	21 34	23 43		n.a.
W12	21 27	5 19	3 38	24 21	0 38	12 15	4 17	23 4	0 53	23 20	1 14	23 56	0 10	24 22	0 31	23 53	0 2	14 25	2 55	21 51	21 35	23 41		n.a.
T 13	21 38	0s11	4 20	24 11	0 24	12 2	4 25	23 12	0 54	23 21	1 14	23 56	0 10	24 21	0 31	23 53	0 2	14 25	2 55	21 51	21 35	23 39		n.a.
F 14	21 49	5 51	4 51	23 59	0 10	11 51	4 33	23 20	0 54	23 22	1 14	23 56	0 10	24 21	0 31	23 53	0 2	14 25	2 55	21 52	21 36	23 37		n.a.
S 15	21 59	11 26	5 7	23 46	0n 5	11 41	4 40	23 27	0 55	23 22	1 15	23 56	0 11	24 21	0 31	23 53	0 2	14 24	2 55	21 53	21 36	23 36		n.a.
S 16	22 9	16 40	5 6	23 31	0 21	11 33	4 46	23 34	0 55	23 23	1 15	23 56	0 11	24 21	0 31	23 53	0 2	14 24	2 55	21 54	21 37	23 34		n.a.
M17	22 19	21 10	4 47	23 15	0 38	11 26	4 52	23 41	0 55	23 24	1 15	23 56	0 11	24 21	0 31	23 53	0 2	14 24	2 55	21 55	21 38	23 32		n.a.
T 18	22 28	24 29	4 9	22 58	0 56	11 20	4 57	23 48	0 56	23 25	1 15	23 56	0 11	24 21	0 31	23 53	0 2	14 24	2 55	21 56	21 38	23 31		n.a.
W19	22 37	26 11	3 13	22 40	1 14	11 15	5 1	23 54	0 56	23 26	1 16	23 55	0 11	24 21	0 31	23 53	0 2	14 24	2 55	21 57	21 39	23 29		n.a.
T 20	22 45	26 0	2 4	22 21	1 33	11 12	5 6	24 0	0 57	23 27	1 16	23 55	0 11	24 21	0 31	23 53	0 2	14 23	2 55	21 58	21 39	23 27		n.a.
F 21	22 53	23 55	0 46	22 2	1 51	11 10	5 9	24 6	0 57	23 28	1 16	23 55	0 11	24 20	0 31	23 53	0 2	14 23	2 55	21 58	21 40	23 25		n.a.
S 22	23 0	20 12	0n35	21 43	2 9	11 9	5 12	24 11	0 57	23 29	1 16	23 55	0 11	24 20	0 31	23 53	0 2	14 23	2 55	21 58	21 41	23 24		n.a.
S 23	23 7	15 18	1 52	21 25	2 27	11 9	5 15	24 16	0 58	23 30	1 17	23 55	0 11	24 20	0 31	23 53	0 2	14 23	2 54	21 58	21 41	23 22		n.a.
M24	23 14	9 39	3 0	21 7	2 43	11 10	5 17	24 21	0 58	23 32	1 17	23 55	0 12	24 20	0 31	23 53	0 2	14 22	2 54	21 58	21 42	23 20		n.a.
T 25	23 20	3 39	3 56	20 49	2 59	11 13	5 19	24 25	0 58	23 33	1 17	23 55	0 12	24 20	0 31	23 53	0 2	14 22	2 54	21 58	21 42	23 18		n.a.
W26	23 25	2n21	4 38	20 33	3 12	11 16	5 20	24 30	0 59	23 34	1 17	23 54	0 12	24 20	0 31	23 53	0 2	14 22	2 54	21 58	21 43	23 17		n.a.
T 27	23 30	8 6	5 3	20 17	3 24	11 20	5 21	24 34	0 59	23 35	1 18	23 54	0 12	24 20	0 31	23 53	0 1	14 22	2 54	21 58	21 43	23 15		n.a.
F 28	23 35	13 24	5 12	20 3	3 34	11 25	5 21	24 37	0 59	23 36	1 18	23 54	0 12	24 19	0 31	23 53	0 1	14 22	2 54	21 59	21 44	23 13		n.a.
S 29	23 39	18 0	5 6	19 50	3 41	11 31	5 22	24 41	1 0	23 37	1 18	23 54	0 12	24 19	0 31	23 53	0 1	14 21	2 54	21 59	21 44	23 11		n.a.
S 30	23 43	21 45	4 45	19 40	3 46	11 38	5 22	24 44	1 0	23 38	1 18	23 54	0 12	24 19	0 31	23 53	0 1	14 21	2 54	22 0	21 45	23 9		n.a.
M31	23s46	24n27	4n11	19s31	3n49	11s46	5n21	24s47	1s 0	23n40	1n19	23n53	0n12	24s19	0s31	23n53	0s 1	14n21	2s54	22s 1	21s46	23n 8		n.a.

Julian Day Number = 979934.5, Delta T = 13h15m04s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'36, Lahiri = -31°56'35 Julian Calendar 1 Dec. 2031 BCE == Greg. Calendar 14 Nov. 2031 BCE

The year -2030 astronomical counting style corresponds to year 2031 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

JANUARY 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 32 8	24♐37'06	11♊19	16°R16	16♏10	24♐25	20°R10	22°R 1	5♑50	27°R19	16°R31	22°R22	23♑53	18♋30	n.a.	T 1
W 2	5 36 5	25°37'37	23°21	15♐18	16°38	25°13	20♋ 3	21♊56	5°54	27♊17	16♉30	22♑18	23°50	18°37	n.a.	W 2
T 3	5 40 1	26°38'06	5♋15	14°26	17° 8	26° 0	19°57	21°51	5°57	27°15	16°29	22°15	23°46	18°44	n.a.	T 3
F 4	5 43 58	27°38'34	17° 5	13°40	17°39	26°47	19°50	21°46	6° 0	27°14	16°28	22°D14	23°43	18°50	n.a.	F 4
S 5	5 47 54	28°39'00	28°53	13° 2	18°12	27°34	19°43	21°41	6° 4	27°12	16°28	22°14	23°40	18°57	n.a.	S 5
S 6	5 51 51	29°39'24	10♌40	12°32	18°46	28°22	19°36	21°37	6° 7	27°10	16°27	22°15	23°37	19° 4	n.a.	S 6
M 7	5 55 48	0♑39'46	22°31	12° 9	19°22	29° 9	19°29	21°32	6°11	27° 9	16°26	22°17	23°34	19°10	n.a.	M 7
T 8	5 59 44	1°40'06	4♍29	11°54	19°59	29°56	19°22	21°27	6°14	27° 7	16°25	22°18	23°30	19°17	n.a.	T 8
W 9	6 3 41	2°40'25	16°40	11°46	20°37	0♑43	19°15	21°22	6°17	27° 5	16°24	22°20	23°27	19°24	n.a.	W 9
T 10	6 7 37	3°40'42	29° 6	11°D45	21°17	1°30	19° 8	21°18	6°21	27° 3	16°23	22°R20	23°24	19°30	n.a.	T 10
F 11	6 11 34	4°40'57	11♎53	11°50	21°57	2°17	19° 0	21°13	6°24	27° 2	16°23	22°20	23°21	19°37	n.a.	F 11
S 12	6 15 30	5°41'11	25° 4	12° 2	22°39	3° 5	18°53	21° 8	6°28	27° 0	16°22	22°19	23°18	19°44	n.a.	S 12
S 13	6 19 27	6°41'23	8♏42	12°19	23°22	3°52	18°46	21° 4	6°31	26°59	16°21	22°18	23°15	19°50	n.a.	S 13
M14	6 23 23	7°41'34	22°48	12°42	24° 5	4°39	18°38	20°59	6°35	26°57	16°20	22°16	23°11	19°57	n.a.	M14
T 15	6 27 20	8°41'42	7♐20	13°10	24°50	5°26	18°30	20°55	6°38	26°55	16°20	22°14	23° 8	20° 4	n.a.	T 15
W16	6 31 16	9°41'49	22°13	13°43	25°36	6°13	18°23	20°50	6°42	26°54	16°19	22°13	23° 5	20°10	n.a.	W16
T 17	6 35 13	10°41'54	7♑21	14°21	26°22	7° 0	18°15	20°46	6°45	26°52	16°18	22°12	23° 2	20°17	n.a.	T 17
F 18	6 39 10	11°41'57	22°33	15° 2	27°10	7°47	18° 7	20°41	6°48	26°50	16°18	22°D11	22°59	20°23	n.a.	F 18
S 19	6 43 6	12°41'57	7♒41	15°47	27°58	8°34	18° 0	20°37	6°52	26°49	16°17	22°12	22°56	20°30	n.a.	S 19
S 20	6 47 3	13°41'56	22°35	16°36	28°47	9°21	17°52	20°33	6°55	26°47	16°16	22°12	22°52	20°37	n.a.	S 20
M21	6 50 59	14°41'51	7♓ 9	17°28	29°37	10° 8	17°44	20°29	6°59	26°46	16°16	22°13	22°49	20°43	n.a.	M21
T 22	6 54 56	15°41'45	21°18	18°23	0♐27	10°55	17°36	20°24	7° 2	26°44	16°15	22°14	22°46	20°50	n.a.	T 22
W23	6 58 52	16°41'36	5♈ 2	19°21	1°18	11°42	17°28	20°20	7° 6	26°42	16°15	22°14	22°43	20°57	n.a.	W23
T 24	7 2 49	17°41'24	18°21	20°22	2°10	12°28	17°21	20°16	7° 9	26°41	16°14	22°R14	22°40	21° 3	n.a.	T 24
F 25	7 6 45	18°41'11	1♉17	21°25	3° 3	13°15	17°13	20°12	7°12	26°39	16°14	22°14	22°36	21°10	n.a.	F 25
S 26	7 10 42	19°40'54	13°54	22°30	3°56	14° 2	17° 5	20° 8	7°16	26°38	16°13	22°14	22°33	21°17	n.a.	S 26
S 27	7 14 39	20°40'36	26°14	23°38	4°50	14°49	16°57	20° 5	7°19	26°36	16°13	22°14	22°30	21°23	n.a.	S 27
M28	7 18 35	21°40'15	8♊22	24°48	5°44	15°35	16°49	20° 1	7°22	26°35	16°12	22°13	22°27	21°30	n.a.	M28
T 29	7 22 32	22°39'51	20°20	26° 0	6°39	16°22	16°42	19°57	7°26	26°33	16°12	22°D13	22°24	21°37	n.a.	T 29
W30	7 26 28	23°39'26	2♋13	27°14	7°34	17° 9	16°34	19°53	7°29	26°32	16°12	22°14	22°21	21°43	n.a.	W30
T 31	7 30 25	24♑38'58	14♋ 2	28♐30	8♐30	17♑55	16♋26	19♊50	7♑33	26♊30	16♉11	22♑14	22♑17	21♋50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s49	26n 0	3n26	19 s24	3n49	11 s54	5n20	24 s49	1 s 1	23n41	1n19	23n53	0n12	24 s19	0 s31	23n53	0 s 1	14n21	2 s54	22 s 2	21 s46	23n 6			n.a.
W 2	23 51	26 17	2 32	19 20	3 48	12 3	5 19	24 51	1 1	23 42	1 19	23 53	0 13	24 19	0 31	23 53	0 1	14 21	2 54	22 2	21 47	23 4			n.a.
T 3	23 53	25 21	1 32	19 17	3 44	12 13	5 18	24 53	1 1	23 43	1 19	23 53	0 13	24 19	0 31	23 53	0 1	14 20	2 53	22 3	21 47	23 2			n.a.
F 4	23 54	23 17	0 28	19 17	3 39	12 23	5 16	24 55	1 1	23 44	1 20	23 53	0 13	24 18	0 31	23 53	0 1	14 20	2 53	22 3	21 48	23 0			n.a.
S 5	23 55	20 12	0 s37	19 19	3 32	12 34	5 14	24 56	1 2	23 46	1 20	23 53	0 13	24 18	0 31	23 52	0 1	14 20	2 53	22 3	21 48	22 59			n.a.
S 6	23 56	16 19	1 40	19 23	3 25	12 46	5 12	24 57	1 2	23 47	1 20	23 52	0 13	24 18	0 31	23 52	0 1	14 20	2 53	22 3	21 49	22 57			n.a.
M 7	23 56	11 47	2 40	19 29	3 16	12 58	5 10	24 58	1 2	23 48	1 20	23 52	0 13	24 18	0 31	23 52	0 1	14 20	2 53	22 3	21 50	22 55			n.a.
T 8	23 55	6 46	3 33	19 36	3 6	13 10	5 7	24 58	1 2	23 49	1 20	23 52	0 13	24 18	0 31	23 52	0 1	14 20	2 53	22 2	21 50	22 53			n.a.
W 9	23 54	1 26	4 17	19 46	2 55	13 23	5 5	24 58	1 3	23 51	1 21	23 52	0 13	24 18	0 31	23 52	0 1	14 20	2 53	22 2	21 51	22 51			n.a.
T 10	23 53	4 s 4	4 51	19 56	2 45	13 36	5 2	24 58	1 3	23 52	1 21	23 51	0 13	24 17	0 31	23 52	0 1	14 19	2 53	22 2	21 51	22 49			n.a.
F 11	23 51	9 33	5 11	20 8	2 33	13 49	4 59	24 58	1 3	23 53	1 21	23 51	0 13	24 17	0 31	23 52	0 1	14 19	2 53	22 2	21 52	22 48			n.a.
S 12	23 48	14 47	5 16	20 21	2 22	14 3	4 55	24 57	1 3	23 54	1 21	23 51	0 14	24 17	0 31	23 52	0 1	14 19	2 52	22 2	21 52	22 46			n.a.
S 13	23 45	19 28	5 4	20 35	2 10	14 17	4 52	24 56	1 4	23 56	1 21	23 51	0 14	24 17	0 31	23 52	0 1	14 19	2 52	22 2	21 53	22 44			n.a.
M14	23 42	23 14	4 33	20 50	1 58	14 31	4 48	24 54	1 4	23 57	1 22	23 51	0 14	24 17	0 31	23 52	0 1	14 19	2 52	22 3	21 53	22 42			n.a.
T 15	23 38	25 39	3 44	21 5	1 47	14 46	4 45	24 53	1 4	23 58	1 22	23 50	0 14	24 17	0 31	23 52	0 1	14 19	2 52	22 3	21 54	22 40			n.a.
W16	23 34	26 20	2 39	21 21	1 35	15 0	4 41	24 51	1 4	23 59	1 22	23 50	0 14	24 16	0 31	23 52	0 1	14 19	2 52	22 3	21 54	22 38			n.a.
T 17	23 29	25 5	1 21	21 37	1 23	15 15	4 37	24 49	1 4	24 0	1 22	23 50	0 14	24 16	0 31	23 52	0 1	14 19	2 52	22 3	21 55	22 36			n.a.
F 18	23 24	21 58	0n 2	21 53	1 12	15 30	4 33	24 46	1 5	24 2	1 22	23 50	0 14	24 16	0 31	23 52	0 1	14 19	2 52	22 3	21 56	22 34			n.a.
S 19	23 18	17 21	1 25	22 9	1 0	15 45	4 29	24 43	1 5	24 3	1 22	23 50	0 14	24 16	0 31	23 52	0 1	14 19	2 52	22 3	21 56	22 33			n.a.
S 20	23 12	11 44	2 41	22 25	0 49	16 0	4 25	24 40	1 5	24 4	1 22	23 49	0 14	24 16	0 31	23 52	0 1	14 19	2 51	22 3	21 57	22 31			n.a.
M21	23 6	5 36	3 45	22 41	0 38	16 15	4 20	24 37	1 5	24 5	1 23	23 49	0 14	24 16	0 31	23 52	0 1	14 19	2 51	22 3	21 57	22 29			n.a.
T 22	22 59	0n39	4 33	22 57	0 28	16 30	4 16	24 33	1 5	24 6	1 23	23 49	0 15	24 15	0 31	23 52	0 1	14 18	2 51	22 3	21 58	22 27			n.a.
W23	22 52	6 40	5 4	23 12	0 17	16 45	4 11	24 29	1 5	24 8	1 23	23 49	0 15	24 15	0 31	23 52	0 1	14 18	2 51	22 3	21 58	22 25			n.a.
T 24	22 44	12 12	5 17	23 27	0 7	17 0	4 6	24 25	1 5	24 9	1 23	23 49	0 15	24 15	0 31	23 52	0 1	14 18	2 51	22 3	21 59	22 23			n.a.
F 25	22 36	17 3	5 14	23 41	0 s 2	17 15	4 2	24 20	1 6	24 10	1 23	23 48	0 15	24 15	0 31	23 52	0 1	14 18	2 51	22 3	21 59	22 21			n.a.
S 26	22 27	21 1	4 56	23 55	0 12	17 29	3 57	24 16	1 6	24 11	1 23	23 48	0 15	24 15	0 31	23 52	0 1	14 18	2 51	22 3	22 0	22 19			n.a.
S 27	22 18	23 58	4 24	24 7	0 21	17 44	3 52	24 11	1 6	24 12	1 23	23 48	0 15	24 15	0 31	23 52	0 1	14 18	2 51	22 3	22 0	22 17			n.a.
M28	22 9	25 47	3 41	24 19	0 30	17 58	3 47	24 5	1 6	24 13	1 23	23 48	0 15	24 14	0 31	23 52	0 1	14 18	2 51	22 3	22 1	22 15			n.a.
T 29	21 59	26 22	2 48	24 30	0 38	18 13	3 42	24 0	1 6	24 14	1 23	23 48	0 15	24 14	0 31	23 52	0 1	14 18	2 50	22 3	22 1	22 13			n.a.
W30	21 48	25 44	1 49	24 41	0 47	18 27	3 37	23 54	1 6	24 15	1 23	23 47	0 15	24 14	0 31	23 52	0 1	14 18	2 50	22 3	22 2	22 11			n.a.
T 31	21 s38	23n56	0n45	24 s50	0 s55	18 s41	3n32	23 s48	1 s 6	24n16	1n23	23n47	0n15	24 s14	0 s31	23n52	0 s 1	14n18	2 s50	22 s 3	22 s 3	22n 9			n.a.

Julian Day Number = 979965.5, Delta T = 13h15m02s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'32, Lahiri = -31°56'31 Julian Calendar 1 Jan. 2030 BCE == Greg. Calendar 15 Dec. 2031 BCE

The year -2029 astronomical counting style corresponds to year 2030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

FEBRUARY 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 34 21	25♉38'27	25♋49	29♐48	9♐26	18♉42	16°R19	19°R46	7♉36	26°R29	16°R11	22°R14	22♉14	21♋57	n.a.	F 1
S 2	7 38 18	26°37'55	7♌38	1♉ 7	10°23	19°28	16♋11	19♊43	7°39	26♊28	16♉11	22♉14	22°11	22° 3	n.a.	S 2
S 3	7 42 14	27°37'20	19°30	2°28	11°21	20°15	16° 3	19°40	7°42	26°26	16°10	22°13	22° 8	22°10	n.a.	S 3
M 4	7 46 11	28°36'43	1♍27	3°51	12°18	21° 1	15°56	19°36	7°46	26°25	16°10	22°12	22° 5	22°16	n.a.	M 4
T 5	7 50 7	29°36'04	13°32	5°15	13°17	21°48	15°48	19°33	7°49	26°23	16°10	22°11	22° 2	22°23	n.a.	T 5
W 6	7 54 4	0♒35'23	25°48	6°41	14°15	22°34	15°41	19°30	7°52	26°22	16° 9	22°10	21°58	22°30	n.a.	W 6
T 7	7 58 1	1°34'40	8♎18	8° 8	15°14	23°21	15°34	19°27	7°55	26°21	16° 9	22° 9	21°55	22°36	n.a.	T 7
F 8	8 1 57	2°33'55	21° 5	9°37	16°14	24° 7	15°26	19°24	7°59	26°20	16° 9	22° 9	21°52	22°43	n.a.	F 8
S 9	8 5 54	3°33'08	4♏11	11° 7	17°13	24°53	15°19	19°22	8° 2	26°18	16° 9	22°D 8	21°49	22°50	n.a.	S 9
S 10	8 9 50	4°32'19	17°40	12°38	18°14	25°40	15°12	19°19	8° 5	26°17	16° 9	22° 9	21°46	22°56	n.a.	S 10
M11	8 13 47	5°31'28	1♐34	14°11	19°14	26°26	15° 5	19°16	8° 8	26°16	16° 9	22° 9	21°42	23° 3	n.a.	M11
T 12	8 17 43	6°30'36	15°52	15°46	20°15	27°12	14°58	19°14	8°11	26°15	16° 9	22°11	21°39	23°10	n.a.	T 12
W13	8 21 40	7°29'41	0♑32	17°22	21°16	27°58	14°52	19°11	8°14	26°13	16° 9	22°12	21°36	23°16	n.a.	W13
T 14	8 25 36	8°28'45	15°29	18°59	22°17	28°44	14°45	19° 9	8°18	26°12	16° 9	22°R12	21°33	23°23	n.a.	T 14
F 15	8 29 33	9°27'46	0♒37	20°38	23°19	29°31	14°38	19° 7	8°21	26°11	16°D 9	22°12	21°30	23°30	n.a.	F 15
S 16	8 33 30	10°26'46	15°46	22°18	24°21	0♒17	14°32	19° 5	8°24	26°10	16° 9	22°11	21°27	23°36	n.a.	S 16
S 17	8 37 26	11°25'42	0♓48	24° 0	25°23	1° 3	14°26	19° 3	8°27	26° 9	16° 9	22° 9	21°23	23°43	n.a.	S 17
M18	8 41 23	12°24'37	15°33	25°43	26°26	1°49	14°19	19° 1	8°30	26° 8	16° 9	22° 7	21°20	23°50	n.a.	M18
T 19	8 45 19	13°23'29	29°55	27°27	27°29	2°35	14°13	18°59	8°33	26° 7	16° 9	22° 4	21°17	23°56	n.a.	T 19
W20	8 49 16	14°22'19	13♈50	29°13	28°32	3°20	14° 7	18°57	8°36	26° 6	16° 9	22° 1	21°14	24° 3	n.a.	W20
T 21	8 53 12	15°21'06	27°17	1♒ 0	29°35	4° 6	14° 1	18°55	8°39	26° 5	16° 9	21°59	21°11	24° 9	n.a.	T 21
F 22	8 57 9	16°19'51	10♉18	2°49	0♑38	4°52	13°56	18°54	8°41	26° 4	16° 9	21°58	21° 8	24°16	n.a.	F 22
S 23	9 1 5	17°18'34	22°55	4°39	1°42	5°38	13°50	18°52	8°44	26° 3	16° 9	21°D58	21° 4	24°23	n.a.	S 23
S 24	9 5 2	18°17'14	5♊13	6°31	2°46	6°23	13°45	18°51	8°47	26° 2	16° 9	21°59	21° 1	24°29	n.a.	S 24
M25	9 8 58	19°15'52	17°17	8°24	3°50	7° 9	13°40	18°50	8°50	26° 1	16°10	22° 1	20°58	24°36	n.a.	M25
T 26	9 12 55	20°14'27	29°10	10°19	4°55	7°55	13°34	18°49	8°53	26° 0	16°10	22° 2	20°55	24°43	n.a.	T 26
W27	9 16 52	21°13'00	10♋59	12°15	5°59	8°40	13°30	18°48	8°56	26° 0	16°10	22° 4	20°52	24°49	n.a.	W27
T 28	9 20 48	22♒11'31	22♋45	14♒13	7♉ 4	9♒26	13♋25	18♊47	8♉58	25♊59	16♉11	22°R 4	20♉48	24♋56	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21 s27	21n 5	0 s20	24 s58	1 s 2	18 s55	3n27	23 s41	1 s 6	24n17	1n24	23n47	0n15	24 s14	0 s31	23n52	0 s 1	14n18	2 s50	22 s 3	22 s 3	22n 8		n.a.	F 1
S 2	21 15	17 22	1 25	25 5	1 9	19 8	3 22	23 35	1 6	24 18	1 24	23 47	0 16	24 13	0 31	23 52	0 1	14 18	2 50	22 3	22 4	22 6		n.a.	S 2
S 3	21 4	12 58	2 26	25 10	1 16	19 21	3 17	23 28	1 7	24 19	1 24	23 47	0 16	24 13	0 31	23 52	0 1	14 18	2 50	22 3	22 4	22 4		n.a.	S 3
M 4	20 51	8 3	3 21	25 15	1 22	19 34	3 11	23 21	1 7	24 20	1 24	23 46	0 16	24 13	0 31	23 52	0 1	14 18	2 50	22 3	22 5	22 2		n.a.	M 4
T 5	20 39	2 48	4 8	25 18	1 29	19 47	3 6	23 13	1 7	24 21	1 24	23 46	0 16	24 13	0 31	23 52	0 1	14 18	2 50	22 4	22 5	22 0		n.a.	T 5
W 6	20 26	2 s38	4 44	25 19	1 34	19 59	3 1	23 5	1 7	24 22	1 24	23 46	0 16	24 13	0 31	23 52	0 1	14 19	2 49	22 4	22 6	21 58		n.a.	W 6
T 7	20 13	8 3	5 8	25 20	1 39	20 11	2 56	22 57	1 7	24 23	1 24	23 46	0 16	24 13	0 31	23 52	0 1	14 19	2 49	22 4	22 6	21 56		n.a.	T 7
F 8	19 59	13 16	5 17	25 18	1 44	20 23	2 50	22 49	1 7	24 24	1 24	23 46	0 16	24 12	0 31	23 52	0 1	14 19	2 49	22 4	22 7	21 54		n.a.	F 8
S 9	19 45	18 1	5 10	25 16	1 49	20 34	2 45	22 41	1 7	24 25	1 24	23 46	0 16	24 12	0 31	23 52	0 1	14 19	2 49	22 4	22 7	21 52		n.a.	S 9
S 10	19 31	22 1	4 46	25 11	1 53	20 45	2 40	22 32	1 7	24 26	1 24	23 46	0 16	24 12	0 31	23 52	0 1	14 19	2 49	22 4	22 8	21 50		n.a.	S 10
M11	19 16	24 54	4 5	25 5	1 57	20 55	2 34	22 23	1 7	24 27	1 24	23 45	0 16	24 12	0 31	23 52	0 1	14 19	2 49	22 4	22 8	21 48		n.a.	M11
T 12	19 2	26 17	3 8	24 57	2 0	21 5	2 29	22 14	1 7	24 27	1 24	23 45	0 16	24 12	0 32	23 52	0 1	14 19	2 49	22 4	22 9	21 46		n.a.	T 12
W13	18 46	25 53	1 57	24 48	2 3	21 15	2 24	22 5	1 7	24 28	1 24	23 45	0 17	24 11	0 32	23 52	0 1	14 19	2 49	22 3	22 9	21 44		n.a.	W13
T 14	18 31	23 37	0 37	24 37	2 5	21 24	2 18	21 55	1 7	24 29	1 24	23 45	0 17	24 11	0 32	23 52	0 1	14 19	2 48	22 3	22 10	21 42		n.a.	T 14
F 15	18 15	19 40	0n46	24 24	2 7	21 32	2 13	21 45	1 7	24 30	1 24	23 45	0 17	24 11	0 32	23 52	0 1	14 19	2 48	22 3	22 10	21 40		n.a.	F 15
S 16	17 59	14 25	2 7	24 9	2 8	21 41	2 8	21 35	1 7	24 30	1 24	23 45	0 17	24 11	0 32	23 51	0 1	14 19	2 48	22 4	22 11	21 38		n.a.	S 16
S 17	17 42	8 20	3 18	23 52	2 9	21 48	2 3	21 25	1 7	24 31	1 24	23 45	0 17	24 11	0 32	23 51	0 1	14 20	2 48	22 4	22 11	21 36		n.a.	S 17
M18	17 25	1 55	4 14	23 33	2 10	21 56	1 57	21 15	1 7	24 32	1 24	23 45	0 17	24 11	0 32	23 51	0 1	14 20	2 48	22 4	22 12	21 34		n.a.	M18
T 19	17 8	4n25	4 52	23 13	2 10	22 2	1 52	21 4	1 7	24 32	1 24	23 45	0 17	24 10	0 32	23 51	0 1	14 20	2 48	22 5	22 12	21 31		n.a.	T 19
W20	16 51	10 20	5 12	22 50	2 9	22 8	1 47	20 53	1 7	24 33	1 24	23 44	0 17	24 10	0 32	23 51	0 1	14 20	2 48	22 5	22 13	21 29		n.a.	W20
T 21	16 34	15 35	5 14	22 25	2 8	22 14	1 42	20 42	1 7	24 33	1 24	23 44	0 17	24 10	0 32	23 51	0 1	14 20	2 48	22 6	22 13	21 27		n.a.	T 21
F 22	16 16	19 56	4 59	21 59	2 6	22 19	1 36	20 31	1 7	24 34	1 23	23 44	0 17	24 10	0 32	23 51	0 1	14 20	2 47	22 6	22 14	21 25		n.a.	F 22
S 23	15 58	23 14	4 31	21 30	2 4	22 24	1 31	20 19	1 6	24 34	1 23	23 44	0 17	24 10	0 32	23 51	0 1	14 21	2 47	22 6	22 14	21 23		n.a.	S 23
S 24	15 39	25 22	3 50	20 59	2 2	22 28	1 26	20 8	1 6	24 35	1 23	23 44	0 17	24 10	0 32	23 51	0 1	14 21	2 47	22 6	22 15	21 21		n.a.	S 24
M25	15 21	26 17	3 0	20 26	1 58	22 31	1 21	19 56	1 6	24 35	1 23	23 44	0 17	24 9	0 32	23 51	0 1	14 21	2 47	22 5	22 15	21 19		n.a.	M25
T 26	15 2	25 58	2 3	19 51	1 55	22 34	1 16	19 44	1 6	24 36	1 23	23 44	0 18	24 9	0 32	23 51	0 1	14 21	2 47	22 5	22 16	21 17		n.a.	T 26
W27	14 43	24 28	1 1	19 14	1 50	22 37	1 11	19 31	1 6	24 36	1 23	23 44	0 18	24 9	0 32	23 51	0 1	14 21	2 47	22 5	22 16	21 15		n.a.	W27
T 28	14 s24	21n54	0 s 4	18 s35	1 s46	22 s38	1n 6	19 s19	1 s 6	24n37	1n23	23n44	0n18	24 s 9	0 s32	23n51	0 s 1	14n22	2 s47	22 s 5	22 s17	21n13		n.a.	T 28

Julian Day Number = 979996.5, Delta T = 13h15m00s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'28, Lahiri = -31°56'27 Julian Calendar 1 Feb. 2030 BCE == Greg. Calendar 15 Jan. 2030 BCE

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

MARCH 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 24 45	23♒10'00	4♌33	16♒12	8♉ 9	10♒11	13°R20	18°R46	9♉ 1	25°R58	16♉11	22°R 4	20♉45	25♋ 3	n.a.	F 1
S 2	9 28 41	24° 8'26	16°26	18°12	9°14	10°57	13♋16	18♊45	9° 4	25♊57	16°11	22♉ 1	20°42	25° 9	n.a.	S 2
S 3	9 32 38	25° 6'50	28°26	20°14	10°19	11°42	13°11	18°45	9° 6	25°57	16°12	21°57	20°39	25°16	n.a.	S 3
M 4	9 36 34	26° 5'13	10♍34	22°17	11°25	12°27	13° 7	18°44	9° 9	25°56	16°12	21°52	20°36	25°23	n.a.	M 4
T 5	9 40 31	27° 3'33	22°52	24°22	12°30	13°13	13° 3	18°44	9°11	25°55	16°12	21°46	20°33	25°29	n.a.	T 5
W 6	9 44 27	28° 1'51	5♎21	26°27	13°36	13°58	12°59	18°44	9°14	25°55	16°13	21°40	20°29	25°36	n.a.	W 6
T 7	9 48 24	29° 0'08	18° 2	28°33	14°42	14°43	12°56	18°43	9°16	25°54	16°13	21°34	20°26	25°42	n.a.	T 7
F 8	9 52 20	29°58'23	0♏57	0♓40	15°48	15°28	12°52	18°D43	9°19	25°54	16°14	21°29	20°23	25°49	n.a.	F 8
S 9	9 56 17	0♓56'36	14° 8	2°48	16°54	16°13	12°49	18°43	9°21	25°53	16°14	21°26	20°20	25°56	n.a.	S 9
S 10	10 0 13	1°54'47	27°35	4°56	18° 1	16°58	12°46	18°44	9°24	25°52	16°15	21°D25	20°17	26° 2	n.a.	S 10
M11	10 4 10	2°52'57	11♐20	7° 4	19° 7	17°43	12°43	18°44	9°26	25°52	16°15	21°25	20°13	26° 9	n.a.	M11
T 12	10 8 7	3°51'06	25°24	9°12	20°14	18°28	12°40	18°44	9°29	25°52	16°16	21°26	20°10	26°16	n.a.	T 12
W13	10 12 3	4°49'13	9♑46	11°19	21°21	19°13	12°37	18°45	9°31	25°51	16°16	21°28	20° 7	26°22	n.a.	W13
T 14	10 16 0	5°47'18	24°24	13°26	22°28	19°58	12°35	18°45	9°33	25°51	16°17	21°R28	20° 4	26°29	n.a.	T 14
F 15	10 19 56	6°45'21	9♒14	15°32	23°35	20°43	12°33	18°46	9°35	25°51	16°18	21°27	20° 1	26°36	n.a.	F 15
S 16	10 23 53	7°43'23	24° 9	17°36	24°42	21°28	12°30	18°47	9°37	25°50	16°18	21°23	19°58	26°42	n.a.	S 16
S 17	10 27 49	8°41'23	9♓ 1	19°39	25°49	22°12	12°29	18°48	9°40	25°50	16°19	21°18	19°54	26°49	n.a.	S 17
M18	10 31 46	9°39'21	23°42	21°40	26°57	22°57	12°27	18°49	9°42	25°50	16°20	21°11	19°51	26°56	n.a.	M18
T 19	10 35 42	10°37'18	8♈ 4	23°39	28° 4	23°42	12°25	18°50	9°44	25°50	16°20	21° 3	19°48	27° 2	n.a.	T 19
W20	10 39 39	11°35'12	22° 2	25°35	29°12	24°26	12°24	18°51	9°46	25°49	16°21	20°56	19°45	27° 9	n.a.	W20
T 21	10 43 36	12°33'05	5♉34	27°29	0♒20	25°11	12°23	18°52	9°48	25°49	16°22	20°49	19°42	27°16	n.a.	T 21
F 22	10 47 32	13°30'56	18°39	29°19	1°27	25°55	12°22	18°54	9°50	25°49	16°23	20°44	19°39	27°22	n.a.	F 22
S 23	10 51 29	14°28'45	1♊20	1♈ 7	2°35	26°40	12°21	18°55	9°52	25°49	16°24	20°41	19°35	27°29	n.a.	S 23
S 24	10 55 25	15°26'32	13°39	2°52	3°43	27°24	12°20	18°57	9°54	25°49	16°24	20°D40	19°32	27°35	n.a.	S 24
M25	10 59 22	16°24'17	25°43	4°33	4°51	28° 8	12°20	18°58	9°55	25°D49	16°25	20°41	19°29	27°42	n.a.	M25
T 26	11 3 18	17°22'00	7♋36	6°10	6° 0	28°52	12°20	19° 0	9°57	25°49	16°26	20°42	19°26	27°49	n.a.	T 26
W27	11 7 15	18°19'41	19°24	7°44	7° 8	29°37	12°D20	19° 2	9°59	25°49	16°27	20°R42	19°23	27°55	n.a.	W27
T 28	11 11 11	19°17'21	1♌12	9°15	8°16	0♓21	12°20	19° 4	10° 1	25°49	16°28	20°42	19°19	28° 2	n.a.	T 28
F 29	11 15 8	20°14'59	13° 3	10°42	9°25	1° 5	12°20	19° 6	10° 2	25°49	16°29	20°39	19°16	28° 9	n.a.	F 29
S 30	11 19 4	21°12'35	25° 2	12° 5	10°33	1°49	12°21	19° 9	10° 4	25°49	16°30	20°34	19°13	28°15	n.a.	S 30
S 31	11 23 1	22♓10'10	7♍11	13♈24	11♒42	2♓33	12♋21	19♊11	10♉ 5	25♊50	16♉31	20♉27	19♉10	28♋22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s 4	18n25	1s 8	17s54	1s40	22s40	1n 1	19s 6	1s 6	24n37	1n23	23n44	0n18	24s 9	0s32	23n51	0s 1	14n22	2s47	22s 5	22s17	21n11		n.a.
S 2	13 45	14 11	2 10	17 10	1 34	22 40	0 56	18 54	1 6	24 38	1 23	23 44	0 18	24 9	0 32	23 51	0 1	14 22	2 46	22 5	22 18	21 9		n.a.
S 3	13 25	9 22	3 6	16 25	1 28	22 40	0 51	18 41	1 6	24 38	1 23	23 44	0 18	24 8	0 32	23 51	0 1	14 22	2 46	22 6	22 18	21 7		n.a.
M 4	13 5	4 9	3 54	15 38	1 21	22 39	0 46	18 28	1 6	24 38	1 23	23 44	0 18	24 8	0 32	23 51	0 1	14 22	2 46	22 7	22 19	21 5		n.a.
T 5	12 44	1s16	4 33	14 49	1 13	22 38	0 42	18 14	1 5	24 39	1 23	23 44	0 18	24 8	0 32	23 51	0 1	14 23	2 46	22 8	22 19	21 2		n.a.
W 6	12 24	6 43	4 58	13 58	1 5	22 36	0 37	18 1	1 5	24 39	1 22	23 44	0 18	24 8	0 32	23 51	0 1	14 23	2 46	22 9	22 20	21 0		n.a.
T 7	12 3	11 58	5 10	13 6	0 56	22 34	0 32	17 47	1 5	24 39	1 22	23 44	0 18	24 8	0 32	23 51	0 1	14 23	2 46	22 10	22 20	20 58		n.a.
F 8	11 43	16 49	5 7	12 12	0 47	22 31	0 28	17 33	1 5	24 39	1 22	23 44	0 18	24 8	0 32	23 51	0 1	14 23	2 46	22 10	22 21	20 56		n.a.
S 9	11 22	20 57	4 47	11 16	0 38	22 27	0 23	17 20	1 5	24 40	1 22	23 45	0 18	24 7	0 32	23 51	0 0	14 24	2 46	22 11	22 21	20 54		n.a.
S 10	11 1	24 6	4 11	10 20	0 28	22 23	0 19	17 5	1 5	24 40	1 22	23 45	0 18	24 7	0 32	23 51	0 0	14 24	2 45	22 11	22 22	20 52		n.a.
M11	10 39	25 54	3 21	9 22	0 17	22 18	0 14	16 51	1 5	24 40	1 22	23 45	0 18	24 7	0 32	23 51	0 0	14 24	2 45	22 11	22 22	20 50		n.a.
T 12	10 18	26 7	2 17	8 23	0 7	22 12	0 10	16 37	1 4	24 40	1 22	23 45	0 18	24 7	0 32	23 51	0 0	14 24	2 45	22 11	22 23	20 48		n.a.
W13	9 56	24 37	1 3	7 24	0n 4	22 6	0 5	16 22	1 4	24 40	1 22	23 45	0 19	24 7	0 32	23 51	0 0	14 25	2 45	22 11	22 23	20 45		n.a.
T 14	9 34	21 25	0n16	6 25	0 15	22 0	0 1	16 8	1 4	24 40	1 22	23 45	0 19	24 7	0 32	23 51	0 0	14 25	2 45	22 11	22 24	20 43		n.a.
F 15	9 13	16 47	1 35	5 25	0 26	21 52	0s 3	15 53	1 4	24 40	1 21	23 45	0 19	24 7	0 32	23 51	0 0	14 25	2 45	22 11	22 24	20 41		n.a.
S 16	8 51	11 7	2 47	4 26	0 37	21 44	0 7	15 38	1 4	24 41	1 21	23 45	0 19	24 6	0 32	23 51	0 0	14 26	2 45	22 11	22 25	20 39		n.a.
S 17	8 29	4 50	3 48	3 27	0 48	21 36	0 11	15 23	1 3	24 41	1 21	23 45	0 19	24 6	0 32	23 51	0 0	14 26	2 45	22 12	22 25	20 37		n.a.
M18	8 6	1n37	4 33	2 28	0 59	21 27	0 15	15 8	1 3	24 41	1 21	23 46	0 19	24 6	0 32	23 51	0 0	14 26	2 44	22 13	22 26	20 35		n.a.
T 19	7 44	7 50	5 0	1 31	1 9	21 17	0 19	14 53	1 3	24 41	1 21	23 46	0 19	24 6	0 32	23 51	0 0	14 27	2 44	22 14	22 26	20 32		n.a.
W20	7 22	13 29	5 7	0 35	1 20	21 6	0 23	14 38	1 3	24 41	1 21	23 46	0 19	24 6	0 32	23 51	0 0	14 27	2 44	22 16	22 26	20 30		n.a.
T 21	6 59	18 18	4 57	0n20	1 30	20 56	0 27	14 22	1 2	24 41	1 21	23 46	0 19	24 6	0 32	23 51	0 0	14 27	2 44	22 17	22 27	20 28		n.a.
F 22	6 37	22 4	4 32	1 14	1 39	20 44	0 30	14 7	1 2	24 41	1 21	23 46	0 19	24 6	0 32	23 51	0 0	14 28	2 44	22 17	22 27	20 26		n.a.
S 23	6 14	24 39	3 54	2 6	1 48	20 32	0 34	13 51	1 2	24 40	1 20	23 46	0 19	24 6	0 32	23 51	0 0	14 28	2 44	22 18	22 28	20 24		n.a.
S 24	5 51	25 59	3 6	2 56	1 57	20 19	0 37	13 35	1 2	24 40	1 20	23 47	0 19	24 5	0 33	23 51	0 0	14 28	2 44	22 18	22 28	20 22		n.a.
M25	5 28	26 2	2 10	3 44	2 5	20 6	0 41	13 19	1 1	24 40	1 20	23 47	0 19	24 5	0 33	23 51	0 0	14 29	2 44	22 18	22 29	20 19		n.a.
T 26	5 5	24 52	1 10	4 31	2 12	19 52	0 44	13 3	1 1	24 40	1 20	23 47	0 19	24 5	0 33	23 51	0 0	14 29	2 44	22 18	22 29	20 17		n.a.
W27	4 42	22 36	0 7	5 15	2 19	19 38	0 48	12 47	1 1	24 40	1 20	23 47	0 19	24 5	0 33	23 51	0 0	14 29	2 43	22 18	22 30	20 15		n.a.
T 28	4 19	19 23	0s56	5 57	2 25	19 23	0 51	12 31	1 1	24 40	1 20	23 48	0 20	24 5	0 33	23 51	0 0	14 30	2 43	22 18	22 30	20 13		n.a.
F 29	3 56	15 23	1 57	6 36	2 30	19 8	0 54	12 15	1 0	24 40	1 19	23 48	0 20	24 5	0 33	23 51	0 0	14 30	2 43	22 18	22 31	20 11		n.a.
S 30	3 33	10 44	2 53	7 14	2 34	18 52	0 57	11 59	1 0	24 39	1 19	23 48	0 20	24 5	0 33	23 51	0 0	14 30	2 43	22 19	22 31	20 8		n.a.
S 31	3s10	5n38	3s42	7n49	2n38	18s35	1s 0	11s42	1s 0	24n39	1n19	23n48	0n20	24s 5	0s33	23n51	0s 0	14n31	2s43	22s20	22s32	20n 6		n.a.

Julian Day Number = 980024.5, Delta T = 13h14m58s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'24, Lahiri = -31°56'23 Julian Calendar 1 March 2030 BCE == Greg. Calendar 12 Feb. 2030 BCE

The year -2029 astronomical counting style corresponds to year 2030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

APRIL 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 26 58	23♓ 7'43	19♍32	14♈40	12♒51	3♓17	12♋22	19♊13	10♑ 7	25♊50	16♉32	20°R17	19♑ 7	28♋29	n.a.	M 1
T 2	11 30 54	24° 5'14	2♎ 6	15°51	14° 0	4° 0	12°23	19°16	10° 9	25°50	16°33	20♑ 7	19° 4	28°35	n.a.	T 2
W 3	11 34 51	25° 2'44	14°54	16°59	15° 9	4°44	12°24	19°18	10°10	25°50	16°34	19°56	19° 0	28°42	n.a.	W 3
T 4	11 38 47	26° 0'13	27°54	18° 2	16°18	5°28	12°26	19°21	10°11	25°51	16°35	19°45	18°57	28°49	n.a.	T 4
F 5	11 42 44	26°57'41	11♏ 6	19° 2	17°27	6°12	12°27	19°24	10°13	25°51	16°36	19°36	18°54	28°55	n.a.	F 5
S 6	11 46 40	27°55'08	24°31	19°57	18°36	6°55	12°29	19°27	10°14	25°52	16°37	19°30	18°51	29° 2	n.a.	S 6
S 7	11 50 37	28°52'34	8♐ 6	20°48	19°45	7°39	12°31	19°30	10°15	25°52	16°38	19°26	18°48	29° 9	n.a.	S 7
M 8	11 54 33	29°49'59	21°53	21°35	20°54	8°22	12°33	19°33	10°16	25°52	16°39	19°24	18°45	29°15	n.a.	M 8
T 9	11 58 30	0♈47'23	5♑51	22°17	22° 4	9° 6	12°35	19°36	10°18	25°53	16°40	19°D24	18°41	29°22	n.a.	T 9
W10	12 2 27	1°44'47	20° 0	22°55	23°13	9°49	12°38	19°39	10°19	25°53	16°41	19°R24	18°38	29°28	n.a.	W10
T 11	12 6 23	2°42'09	4♒20	23°29	24°23	10°32	12°40	19°43	10°20	25°54	16°42	19°24	18°35	29°35	n.a.	T 11
F 12	12 10 20	3°39'30	18°48	23°58	25°32	11°16	12°43	19°46	10°21	25°55	16°44	19°21	18°32	29°42	n.a.	F 12
S 13	12 14 16	4°36'51	3♓19	24°22	26°42	11°59	12°46	19°50	10°22	25°55	16°45	19°16	18°29	29°48	n.a.	S 13
S 14	12 18 13	5°34'11	17°50	24°42	27°52	12°42	12°49	19°53	10°23	25°56	16°46	19° 8	18°25	29°55	n.a.	S 14
M15	12 22 9	6°31'29	2♈12	24°57	29° 2	13°25	12°53	19°57	10°24	25°56	16°47	18°58	18°22	0♌ 2	n.a.	M15
T 16	12 26 6	7°28'47	16°21	25° 7	0♓11	14° 8	12°56	20° 1	10°25	25°57	16°48	18°46	18°19	0° 8	n.a.	T 16
W17	12 30 2	8°26'04	0♉11	25°13	1°21	14°51	13° 0	20° 5	10°25	25°58	16°50	18°35	18°16	0°15	n.a.	W17
T 18	12 33 59	9°23'19	13°38	25°R14	2°31	15°34	13° 4	20° 9	10°26	25°59	16°51	18°25	18°13	0°22	n.a.	T 18
F 19	12 37 56	10°20'34	26°41	25°11	3°41	16°17	13° 7	20°13	10°27	25°59	16°52	18°16	18°10	0°28	n.a.	F 19
S 20	12 41 52	11°17'48	9♊21	25° 3	4°51	17° 0	13°12	20°17	10°27	26° 0	16°53	18°11	18° 6	0°35	n.a.	S 20
S 21	12 45 49	12°15'01	21°42	24°51	6° 2	17°43	13°16	20°21	10°28	26° 1	16°55	18° 8	18° 3	0°42	n.a.	S 21
M22	12 49 45	13°12'12	3♋46	24°35	7°12	18°26	13°20	20°25	10°29	26° 2	16°56	18° 6	18° 0	0°48	n.a.	M22
T 23	12 53 42	14° 9'23	15°40	24°16	8°22	19° 8	13°25	20°30	10°29	26° 3	16°57	18° 6	17°57	0°55	n.a.	T 23
W24	12 57 38	15° 6'32	27°29	23°53	9°32	19°51	13°30	20°34	10°30	26° 4	16°59	18° 6	17°54	1° 2	n.a.	W24
T 25	13 1 35	16° 3'41	9♌18	23°27	10°43	20°33	13°35	20°39	10°30	26° 5	17° 0	18° 5	17°50	1° 8	n.a.	T 25
F 26	13 5 31	17° 0'48	21°13	22°58	11°53	21°16	13°40	20°43	10°30	26° 6	17° 1	18° 2	17°47	1°15	n.a.	F 26
S 27	13 9 28	17°57'55	3♍17	22°27	13° 4	21°58	13°45	20°48	10°31	26° 7	17° 3	17°56	17°44	1°22	n.a.	S 27
S 28	13 13 25	18°55'01	15°35	21°55	14°14	22°41	13°50	20°53	10°31	26° 8	17° 4	17°48	17°41	1°28	n.a.	S 28
M29	13 17 21	19°52'06	28° 8	21°21	15°25	23°23	13°56	20°58	10°31	26° 9	17° 5	17°38	17°38	1°35	n.a.	M29
T 30	13 21 18	20♈49'11	10♎59	20♈47	16♓35	24♓ 5	14♋ 1	21♊ 3	10♑31	26♊10	17♉ 7	17♑26	17♑35	1♌41	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s47	0n14	4s21	8n21	2n41	18s18	1s 3	11s26	1s 0	24n39	1n19	23n49	0n20	24s 5	0s33	23n51	0s 0	14n31	2s43	22s22	22s32	20n 4		n.a.
T 2	2 24	5s15	4 48	8 51	2 43	18 1	1 6	11 9	0 59	24 39	1 19	23 49	0 20	24 5	0 33	23 52	0 0	14 32	2 43	22 23	22 33	20 2		n.a.
W 3	2 0	10 36	5 2	9 19	2 44	17 43	1 8	10 53	0 59	24 39	1 19	23 49	0 20	24 5	0 33	23 52	0 0	14 32	2 43	22 25	22 33	19 59		n.a.
T 4	1 37	15 35	5 0	9 44	2 44	17 24	1 11	10 36	0 59	24 38	1 19	23 49	0 20	24 4	0 33	23 52	0 0	14 32	2 43	22 26	22 33	19 57		n.a.
F 5	1 14	19 55	4 42	10 7	2 44	17 5	1 14	10 19	0 58	24 38	1 18	23 50	0 20	24 4	0 33	23 52	0 0	14 33	2 42	22 28	22 34	19 55		n.a.
S 6	0 51	23 18	4 9	10 27	2 42	16 46	1 16	10 3	0 58	24 38	1 18	23 50	0 20	24 4	0 33	23 52	0 0	14 33	2 42	22 29	22 34	19 53		n.a.
S 7	0 27	25 25	3 21	10 45	2 40	16 26	1 18	9 46	0 58	24 37	1 18	23 50	0 20	24 4	0 33	23 52	0 0	14 34	2 42	22 29	22 35	19 51		n.a.
M 8	0 4	26 1	2 21	10 59	2 37	16 5	1 21	9 29	0 57	24 37	1 18	23 51	0 20	24 4	0 33	23 52	0 0	14 34	2 42	22 30	22 35	19 48		n.a.
T 9	0n19	24 59	1 11	11 12	2 32	15 45	1 23	9 12	0 57	24 37	1 18	23 51	0 20	24 4	0 33	23 52	0 0	14 34	2 42	22 30	22 36	19 46		n.a.
W10	0 42	22 21	0n 3	11 21	2 27	15 23	1 25	8 55	0 57	24 36	1 18	23 51	0 20	24 4	0 33	23 52	0 0	14 35	2 42	22 30	22 36	19 44		n.a.
T 11	1 6	18 18	1 18	11 28	2 21	15 2	1 27	8 38	0 56	24 36	1 18	23 52	0 20	24 4	0 33	23 52	0 0	14 35	2 42	22 30	22 37	19 41		n.a.
F 12	1 29	13 8	2 29	11 33	2 14	14 40	1 29	8 21	0 56	24 35	1 17	23 52	0 20	24 4	0 33	23 52	0 0	14 36	2 42	22 30	22 37	19 39		n.a.
S 13	1 52	7 14	3 31	11 34	2 5	14 17	1 31	8 4	0 56	24 35	1 17	23 52	0 20	24 4	0 33	23 52	0 0	14 36	2 42	22 31	22 37	19 37		n.a.
S 14	2 15	0 58	4 18	11 33	1 56	13 54	1 33	7 46	0 55	24 34	1 17	23 53	0 21	24 4	0 33	23 52	0 0	14 37	2 41	22 32	22 38	19 35		n.a.
M15	2 39	5n18	4 49	11 29	1 46	13 31	1 34	7 29	0 55	24 34	1 17	23 53	0 21	24 4	0 33	23 52	0n 0	14 37	2 41	22 33	22 38	19 32		n.a.
T 16	3 2	11 10	5 1	11 23	1 35	13 7	1 36	7 12	0 55	24 33	1 17	23 53	0 21	24 4	0 33	23 52	0 0	14 38	2 41	22 35	22 39	19 30		n.a.
W17	3 25	16 21	4 55	11 14	1 23	12 43	1 37	6 55	0 54	24 33	1 17	23 54	0 21	24 4	0 33	23 52	0 0	14 38	2 41	22 37	22 39	19 28		n.a.
T 18	3 48	20 35	4 33	11 3	1 10	12 19	1 39	6 37	0 54	24 32	1 16	23 54	0 21	24 4	0 33	23 52	0 0	14 38	2 41	22 38	22 40	19 26		n.a.
F 19	4 11	23 39	3 57	10 49	0 57	11 54	1 40	6 20	0 53	24 32	1 16	23 54	0 21	24 4	0 33	23 52	0 0	14 39	2 41	22 39	22 40	19 23		n.a.
S 20	4 33	25 26	3 10	10 33	0 42	11 29	1 41	6 3	0 53	24 31	1 16	23 55	0 21	24 4	0 33	23 52	0 0	14 39	2 41	22 40	22 41	19 21		n.a.
S 21	4 56	25 55	2 15	10 14	0 27	11 4	1 42	5 45	0 53	24 31	1 16	23 55	0 21	24 4	0 33	23 52	0 0	14 40	2 41	22 40	22 41	19 19		n.a.
M22	5 19	25 8	1 15	9 54	0 11	10 38	1 44	5 28	0 52	24 30	1 16	23 55	0 21	24 4	0 33	23 52	0 0	14 40	2 41	22 41	22 41	19 16		n.a.
T 23	5 42	23 12	0 13	9 31	0s 5	10 13	1 44	5 11	0 52	24 29	1 16	23 56	0 21	24 4	0 33	23 52	0 0	14 41	2 41	22 41	22 42	19 14		n.a.
W24	6 4	20 17	0s50	9 7	0 21	9 46	1 45	4 53	0 51	24 29	1 16	23 56	0 21	24 4	0 34	23 52	0 0	14 41	2 41	22 41	22 42	19 12		n.a.
T 25	6 27	16 32	1 50	8 42	0 38	9 20	1 46	4 36	0 51	24 28	1 15	23 57	0 21	24 4	0 34	23 52	0 0	14 42	2 40	22 41	22 43	19 9		n.a.
F 26	6 49	12 6	2 46	8 16	0 55	8 53	1 47	4 18	0 51	24 27	1 15	23 57	0 21	24 4	0 34	23 52	0 0	14 42	2 40	22 41	22 43	19 7		n.a.
S 27	7 11	7 10	3 35	7 48	1 12	8 26	1 48	4 1	0 50	24 27	1 15	23 57	0 21	24 4	0 34	23 52	0 0	14 43	2 40	22 42	22 44	19 5		n.a.
S 28	7 33	1 54	4 15	7 21	1 28	7 59	1 48	3 43	0 50	24 26	1 15	23 58	0 21	24 4	0 34	23 52	0 0	14 43	2 40	22 43	22 44	19 2		n.a.
M29	7 55	3s34	4 44	6 53	1 44	7 32	1 49	3 26	0 49	24 25	1 15	23 58	0 21	24 4	0 34	23 52	0 0	14 44	2 40	22 44	22 44	19 0		n.a.
T 30	8n17	8s59	4s59	6n26	2s 0	7s 4	1s49	3s 8	0s49	24n25	1n15	23n59	0n22	24s 4	0s34	23n52	0n 0	14n44	2s40	22s46	22s45	18n58		n.a.

Julian Day Number = 980055.5, Delta T = 13h14m56s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'20, Lahiri = -31°56'19 Julian Calendar 1 Apr. 2030 BCE == Greg. Calendar 15 March 2030 BCE

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

MAY 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 25 14	21♈46'15	24♎ 6	20°R14	17♓46	24♓47	14♋ 7	21♊ 8	10♑31	26♊11	17♉ 8	17°R13	17♑31	1♌48	n.a.	W 1
T 2	13 29 11	22°43'19	7♏28	19♈41	18°57	25°29	14°13	21°13	10°31	26°12	17° 9	17♑ 1	17°28	1°55	n.a.	T 2
F 3	13 33 7	23°40'22	21° 4	19° 9	20° 7	26°12	14°19	21°18	10°R31	26°14	17°11	16°51	17°25	2° 1	n.a.	F 3
S 4	13 37 4	24°37'25	4♐50	18°39	21°18	26°54	14°25	21°23	10°31	26°15	17°12	16°44	17°22	2° 8	n.a.	S 4
S 5	13 41 1	25°34'28	18°43	18°11	22°29	27°36	14°32	21°28	10°31	26°16	17°14	16°39	17°19	2°15	n.a.	S 5
M 6	13 44 57	26°31'31	2♑43	17°46	23°40	28°17	14°38	21°34	10°31	26°17	17°15	16°37	17°16	2°21	n.a.	M 6
T 7	13 48 54	27°28'34	16°47	17°24	24°51	28°59	14°45	21°39	10°31	26°19	17°17	16°D37	17°12	2°28	n.a.	T 7
W 8	13 52 50	28°25'37	0♒53	17° 6	26° 2	29°41	14°52	21°44	10°31	26°20	17°18	16°R37	17° 9	2°35	n.a.	W 8
T 9	13 56 47	29°22'40	15° 3	16°52	27°13	0♈23	14°59	21°50	10°31	26°22	17°20	16°36	17° 6	2°41	n.a.	T 9
F 10	14 0 43	0♉19'43	29°13	16°42	28°24	1° 5	15° 6	21°56	10°30	26°23	17°21	16°34	17° 3	2°48	n.a.	F 10
S 11	14 4 40	1°16'46	13♓22	16°36	29°36	1°46	15°13	22° 1	10°30	26°24	17°22	16°28	17° 0	2°55	n.a.	S 11
S 12	14 8 36	2°13'50	27°27	16°D35	0♈47	2°28	15°20	22° 7	10°29	26°26	17°24	16°21	16°56	3° 1	n.a.	S 12
M13	14 12 33	3°10'53	11♈25	16°38	1°58	3° 9	15°28	22°13	10°29	26°27	17°25	16°11	16°53	3° 8	n.a.	M13
T 14	14 16 30	4° 7'56	25°11	16°47	3° 9	3°51	15°35	22°19	10°29	26°29	17°27	16° 0	16°50	3°15	n.a.	T 14
W15	14 20 26	5° 5'00	8♉41	17° 0	4°21	4°32	15°43	22°24	10°28	26°30	17°28	15°49	16°47	3°21	n.a.	W15
T 16	14 24 23	6° 2'04	21°54	17°18	5°32	5°13	15°51	22°30	10°27	26°32	17°30	15°39	16°44	3°28	n.a.	T 16
F 17	14 28 19	6°59'07	4♊47	17°41	6°44	5°55	15°59	22°36	10°27	26°33	17°31	15°30	16°41	3°35	n.a.	F 17
S 18	14 32 16	7°56'11	17°21	18° 8	7°55	6°36	16° 7	22°42	10°26	26°35	17°33	15°25	16°37	3°41	n.a.	S 18
S 19	14 36 12	8°53'14	29°38	18°41	9° 7	7°17	16°15	22°49	10°25	26°37	17°34	15°21	16°34	3°48	n.a.	S 19
M20	14 40 9	9°50'18	11♋41	19°18	10°18	7°58	16°23	22°55	10°25	26°38	17°36	15°D20	16°31	3°54	n.a.	M20
T 21	14 44 6	10°47'21	23°35	20° 0	11°30	8°39	16°31	23° 1	10°24	26°40	17°38	15°20	16°28	4° 1	n.a.	T 21
W22	14 48 2	11°44'25	5♌24	20°47	12°42	9°20	16°40	23° 7	10°23	26°41	17°39	15°21	16°25	4° 8	n.a.	W22
T 23	14 51 59	12°41'28	17°14	21°38	13°54	10° 1	16°49	23°14	10°22	26°43	17°41	15°R21	16°22	4°14	n.a.	T 23
F 24	14 55 55	13°38'31	29°10	22°34	15° 5	10°42	16°57	23°20	10°21	26°45	17°42	15°20	16°18	4°21	n.a.	F 24
S 25	14 59 52	14°35'35	11♍17	23°35	16°17	11°23	17° 6	23°26	10°20	26°47	17°44	15°16	16°15	4°28	n.a.	S 25
S 26	15 3 48	15°32'39	23°39	24°39	17°29	12° 3	17°15	23°33	10°19	26°48	17°45	15°11	16°12	4°34	n.a.	S 26
M27	15 7 45	16°29'42	6♎21	25°49	18°41	12°44	17°24	23°39	10°18	26°50	17°47	15° 3	16° 9	4°41	n.a.	M27
T 28	15 11 41	17°26'46	19°23	27° 2	19°53	13°25	17°33	23°46	10°17	26°52	17°48	14°55	16° 6	4°48	n.a.	T 28
W29	15 15 38	18°23'51	2♏46	28°20	21° 5	14° 5	17°43	23°53	10°16	26°54	17°50	14°45	16° 2	4°54	n.a.	W29
T 30	15 19 35	19°20'56	16°28	29°42	22°17	14°46	17°52	23°59	10°14	26°56	17°51	14°36	15°59	5° 1	n.a.	T 30
F 31	15 23 31	20♉18'01	0♐27	1♉ 8	23♈29	15♈26	18♋ 1	24♊ 6	10♑13	26♊57	17♉53	14♑29	15♑56	5♌ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	8n39	14s 8	4s58	5n59	2s15	6s36	1s49	2s51	0s48	24n24	1n15	23n59	0n22	24s 4	0s34	23n53	0n 0	14n44	2s40	22s48	22s45	18n55			n.a.
T 2	9 1	18 43	4 42	5 33	2 30	6 8	1 49	2 33	0 48	24 23	1 14	23 59	0 22	24 4	0 34	23 53	0 0	14 45	2 40	22 49	22 46	18 53			n.a.
F 3	9 22	22 23	4 9	5 8	2 43	5 40	1 50	2 16	0 47	24 22	1 14	24 0	0 22	24 4	0 34	23 53	0 0	14 45	2 40	22 50	22 46	18 51			n.a.
S 4	9 44	24 50	3 22	4 45	2 55	5 11	1 50	1 59	0 47	24 21	1 14	24 0	0 22	24 4	0 34	23 53	0 0	14 46	2 40	22 51	22 46	18 48			n.a.
S 5	10 5	25 48	2 22	4 24	3 7	4 43	1 50	1 41	0 47	24 21	1 14	24 1	0 22	24 4	0 34	23 53	0 0	14 46	2 40	22 52	22 47	18 46			n.a.
M 6	10 26	25 7	1 13	4 5	3 17	4 14	1 49	1 24	0 46	24 20	1 14	24 1	0 22	24 4	0 34	23 53	0 0	14 47	2 39	22 52	22 47	18 44			n.a.
T 7	10 47	22 50	0n 1	3 48	3 26	3 45	1 49	1 6	0 46	24 19	1 14	24 1	0 22	24 4	0 34	23 53	0 0	14 47	2 39	22 52	22 48	18 41			n.a.
W 8	11 8	19 9	1 15	3 34	3 33	3 16	1 49	0 49	0 45	24 18	1 14	24 2	0 22	24 4	0 34	23 53	0 0	14 48	2 39	22 52	22 48	18 39			n.a.
T 9	11 29	14 21	2 25	3 23	3 40	2 47	1 49	0 32	0 45	24 17	1 13	24 2	0 22	24 4	0 34	23 53	0 0	14 48	2 39	22 52	22 49	18 37			n.a.
F 10	11 49	8 47	3 25	3 14	3 45	2 18	1 48	0 14	0 44	24 16	1 13	24 3	0 22	24 4	0 34	23 53	0 0	14 49	2 39	22 53	22 49	18 34			n.a.
S 11	12 9	2 47	4 13	3 9	3 49	1 48	1 48	0n 3	0 44	24 15	1 13	24 3	0 22	24 4	0 34	23 53	0 0	14 49	2 39	22 53	22 49	18 32			n.a.
S 12	12 30	3n19	4 46	3 6	3 51	1 19	1 47	0 20	0 43	24 14	1 13	24 3	0 22	24 4	0 34	23 53	0 0	14 50	2 39	22 54	22 50	18 30			n.a.
M13	12 49	9 12	5 1	3 6	3 53	0 49	1 46	0 38	0 43	24 13	1 13	24 4	0 22	24 4	0 34	23 53	0 0	14 50	2 39	22 55	22 50	18 27			n.a.
T 14	13 9	14 32	4 58	3 9	3 53	0 20	1 46	0 55	0 42	24 12	1 13	24 4	0 22	24 4	0 34	23 53	0 0	14 51	2 39	22 57	22 51	18 25			n.a.
W15	13 29	19 4	4 38	3 15	3 52	0n10	1 45	1 12	0 42	24 11	1 13	24 5	0 22	24 4	0 34	23 53	0 0	14 51	2 39	22 58	22 51	18 22			n.a.
T 16	13 48	22 32	4 4	3 24	3 50	0 39	1 44	1 29	0 41	24 10	1 13	24 5	0 22	24 5	0 34	23 53	0 0	14 52	2 39	22 59	22 51	18 20			n.a.
F 17	14 7	24 46	3 18	3 35	3 47	1 9	1 43	1 46	0 41	24 9	1 12	24 6	0 23	24 5	0 34	23 53	0 0	14 52	2 39	23 0	22 52	18 18			n.a.
S 18	14 26	25 41	2 23	3 50	3 43	1 39	1 42	2 4	0 40	24 8	1 12	24 6	0 23	24 5	0 34	23 53	0 0	14 53	2 39	23 1	22 52	18 15			n.a.
S 19	14 45	25 18	1 23	4 7	3 38	2 8	1 41	2 21	0 40	24 7	1 12	24 6	0 23	24 5	0 34	23 53	0 0	14 53	2 39	23 1	22 53	18 13			n.a.
M20	15 4	23 44	0 20	4 26	3 32	2 38	1 40	2 38	0 39	24 6	1 12	24 7	0 23	24 5	0 34	23 54	0 0	14 54	2 38	23 2	22 53	18 10			n.a.
T 21	15 22	21 6	0s44	4 49	3 26	3 8	1 39	2 55	0 39	24 4	1 12	24 7	0 23	24 5	0 34	23 54	0 0	14 54	2 38	23 2	22 53	18 8			n.a.
W22	15 40	17 36	1 45	5 13	3 18	3 37	1 37	3 11	0 38	24 3	1 12	24 8	0 23	24 5	0 34	23 54	0 0	14 55	2 38	23 1	22 54	18 6			n.a.
T 23	15 58	13 25	2 42	5 40	3 10	4 7	1 36	3 28	0 38	24 2	1 12	24 8	0 23	24 5	0 35	23 54	0 0	14 55	2 38	23 1	22 54	18 3			n.a.
F 24	16 15	8 42	3 32	6 10	3 1	4 37	1 35	3 45	0 37	24 1	1 12	24 8	0 23	24 5	0 35	23 54	0 1	14 56	2 38	23 2	22 55	18 1			n.a.
S 25	16 33	3 35	4 14	6 41	2 52	5 6	1 33	4 2	0 36	23 59	1 12	24 9	0 23	24 5	0 35	23 54	0 1	14 56	2 38	23 2	22 55	17 58			n.a.
S 26	16 50	1s46	4 44	7 14	2 42	5 35	1 32	4 19	0 36	23 58	1 11	24 9	0 23	24 6	0 35	23 54	0 1	14 57	2 38	23 3	22 55	17 56			n.a.
M27	17 6	7 10	5 2	7 50	2 31	6 5	1 30	4 35	0 35	23 57	1 11	24 10	0 23	24 6	0 35	23 54	0 1	14 57	2 38	23 3	22 56	17 54			n.a.
T 28	17 23	12 24	5 4	8 27	2 20	6 34	1 28	4 52	0 35	23 56	1 11	24 10	0 23	24 6	0 35	23 54	0 1	14 58	2 38	23 4	22 56	17 51			n.a.
W29	17 39	17 12	4 50	9 6	2 9	7 3	1 27	5 8	0 34	23 54	1 11	24 10	0 23	24 6	0 35	23 54	0 1	14 58	2 38	23 6	22 57	17 49			n.a.
T 30	17 55	21 14	4 20	9 46	1 57	7 32	1 25	5 25	0 34	23 53	1 11	24 11	0 23	24 6	0 35	23 54	0 1	14 59	2 38	23 7	22 57	17 46			n.a.
F 31	18n11	24s 8	3s33	10n28	1s45	8n 1	1s23	5n41	0s33	23n51	1n11	24n11	0n23	24s 6	0s35	23n54	0n 1	14n59	2s38	23s 7	22s57	17n44			n.a.

Julian Day Number = 980085.5, Delta T = 13h14m54s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'16, Lahiri = -31°56'15 Julian Calendar 1 May 2030 BCE == Greg. Calendar 14 Apr. 2030 BCE

The year -2029 astronomical counting style corresponds to year 2030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

JUNE 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 27 28	21♉15'07	14♐38	2♉38	24♈41	16♈ 7	18♋11	24♊13	10°R12	26♊59	17♉54	14°R23	15♏53	5♌14	n.a.	S 1
S 2	15 31 24	22°12'14	28°56	4°12	25°53	16°47	18°20	24°20	10♏10	27° 1	17°56	14♏20	15°50	5°21	n.a.	S 2
M 3	15 35 21	23° 9'22	13♏17	5°50	27° 6	17°27	18°30	24°26	10° 9	27° 3	17°57	14°D19	15°47	5°28	n.a.	M 3
T 4	15 39 17	24° 6'30	27°37	7°32	28°18	18° 7	18°40	24°33	10° 8	27° 5	17°59	14°20	15°43	5°34	n.a.	T 4
W 5	15 43 14	25° 3'40	11♒52	9°17	29°30	18°48	18°50	24°40	10° 6	27° 7	18° 0	14°21	15°40	5°41	n.a.	W 5
T 6	15 47 11	26° 0'51	26° 2	11° 5	0♉43	19°28	19° 0	24°47	10° 5	27° 9	18° 2	14°R21	15°37	5°48	n.a.	T 6
F 7	15 51 7	26°58'02	10♓ 4	12°56	1°55	20° 8	19°10	24°54	10° 3	27°11	18° 3	14°21	15°34	5°54	n.a.	F 7
S 8	15 55 4	27°55'15	23°58	14°50	3° 7	20°48	19°20	25° 1	10° 2	27°13	18° 5	14°18	15°31	6° 1	n.a.	S 8
S 9	15 59 0	28°52'29	7♈42	16°47	4°20	21°28	19°31	25° 8	10° 0	27°15	18° 6	14°14	15°27	6° 8	n.a.	S 9
M10	16 2 57	29°49'44	21°16	18°46	5°32	22° 7	19°41	25°15	9°58	27°17	18° 8	14° 7	15°24	6°14	n.a.	M10
T 11	16 6 53	0♊47'00	4♉36	20°47	6°45	22°47	19°51	25°22	9°57	27°19	18°10	14° 0	15°21	6°21	n.a.	T 11
W12	16 10 50	1°44'17	17°43	22°49	7°58	23°27	20° 2	25°29	9°55	27°21	18°11	13°53	15°18	6°28	n.a.	W12
T 13	16 14 47	2°41'35	0♊35	24°53	9°10	24° 7	20°12	25°37	9°53	27°23	18°13	13°47	15°15	6°34	n.a.	T 13
F 14	16 18 43	3°38'55	13°13	26°58	10°23	24°46	20°23	25°44	9°52	27°25	18°14	13°42	15°12	6°41	n.a.	F 14
S 15	16 22 40	4°36'15	25°35	29° 3	11°36	25°26	20°34	25°51	9°50	27°27	18°15	13°38	15° 8	6°47	n.a.	S 15
S 16	16 26 36	5°33'36	7♋45	1♊ 9	12°49	26° 5	20°45	25°58	9°48	27°29	18°17	13°D37	15° 5	6°54	n.a.	S 16
M17	16 30 33	6°30'59	19°44	3°15	14° 2	26°45	20°56	26° 6	9°46	27°31	18°18	13°37	15° 2	7° 1	n.a.	M17
T 18	16 34 29	7°28'22	1♌36	5°20	15°15	27°24	21° 7	26°13	9°44	27°33	18°20	13°38	14°59	7° 7	n.a.	T 18
W19	16 38 26	8°25'46	13°24	7°25	16°27	28° 3	21°18	26°20	9°42	27°36	18°21	13°39	14°56	7°14	n.a.	W19
T 20	16 42 22	9°23'11	25°14	9°30	17°40	28°43	21°29	26°28	9°40	27°38	18°23	13°41	14°53	7°21	n.a.	T 20
F 21	16 46 19	10°20'37	7♍ 9	11°33	18°53	29°22	21°40	26°35	9°38	27°40	18°24	13°R42	14°49	7°27	n.a.	F 21
S 22	16 50 16	11°18'03	19°16	13°36	20° 7	0♉ 1	21°51	26°42	9°36	27°42	18°26	13°41	14°46	7°34	n.a.	S 22
S 23	16 54 12	12°15'31	1♎38	15°38	21°20	0°40	22° 3	26°50	9°34	27°44	18°27	13°40	14°43	7°41	n.a.	S 23
M24	16 58 9	13°13'00	14°21	17°38	22°33	1°19	22°14	26°57	9°32	27°46	18°29	13°37	14°40	7°47	n.a.	M24
T 25	17 2 5	14°10'30	27°26	19°37	23°46	1°58	22°26	27° 5	9°30	27°48	18°30	13°33	14°37	7°54	n.a.	T 25
W26	17 6 2	15° 8'02	10♏57	21°35	24°59	2°37	22°37	27°12	9°28	27°51	18°31	13°29	14°33	8° 1	n.a.	W26
T 27	17 9 58	16° 5'34	24°51	23°32	26°12	3°16	22°49	27°19	9°26	27°53	18°33	13°25	14°30	8° 7	n.a.	T 27
F 28	17 13 55	17° 3'08	9♐ 6	25°27	27°26	3°54	23° 0	27°27	9°24	27°55	18°34	13°22	14°27	8°14	n.a.	F 28
S 29	17 17 52	18° 0'43	23°38	27°20	28°39	4°33	23°12	27°34	9°22	27°57	18°35	13°19	14°24	8°21	n.a.	S 29
S 30	17 21 48	18♊58'20	8♏21	29♊13	29♉53	5♉12	23♋24	27♊42	9♏20	27♊59	18♉37	13°D18	14♏21	8♌27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n26	25s33	2s33	11n11	1s33	8n30	1s21	5n58	0s33	23n50	1n11	24n11	0n24	24s 6	0s35	23n54	0n 1	15n 0	2s38	23s 8	22s58	17n41		n.a.
S 2	18 42	25 17	1 22	11 55	1 21	8 58	1 20	6 14	0 32	23 49	1 11	24 12	0 24	24 6	0 35	23 54	0 1	15 0	2 38	23 8	22 58	17 39		n.a.
M 3	18 56	23 21	0 6	12 40	1 8	9 26	1 18	6 30	0 31	23 47	1 11	24 12	0 24	24 7	0 35	23 54	0 1	15 1	2 38	23 8	22 58	17 36		n.a.
T 4	19 11	19 54	1n11	13 25	0 56	9 55	1 16	6 46	0 31	23 46	1 11	24 12	0 24	24 7	0 35	23 54	0 1	15 1	2 38	23 8	22 59	17 34		n.a.
W 5	19 25	15 18	2 23	14 11	0 44	10 23	1 14	7 3	0 30	23 44	1 10	24 13	0 24	24 7	0 35	23 54	0 1	15 2	2 38	23 8	22 59	17 32		n.a.
T 6	19 39	9 53	3 26	14 58	0 31	10 50	1 12	7 19	0 30	23 43	1 10	24 13	0 24	24 7	0 35	23 54	0 1	15 2	2 37	23 8	23 0	17 29		n.a.
F 7	19 53	4 1	4 15	15 44	0 19	11 18	1 9	7 35	0 29	23 41	1 10	24 14	0 24	24 7	0 35	23 55	0 1	15 3	2 37	23 8	23 0	17 27		n.a.
S 8	20 6	1n58	4 50	16 30	0 7	11 45	1 7	7 50	0 28	23 40	1 10	24 14	0 24	24 7	0 35	23 55	0 1	15 3	2 37	23 9	23 0	17 24		n.a.
S 9	20 19	7 48	5 7	17 16	0n 4	12 12	1 5	8 6	0 28	23 38	1 10	24 14	0 24	24 7	0 35	23 55	0 1	15 3	2 37	23 9	23 1	17 22		n.a.
M10	20 32	13 10	5 6	18 0	0 16	12 39	1 3	8 22	0 27	23 36	1 10	24 15	0 24	24 8	0 35	23 55	0 1	15 4	2 37	23 10	23 1	17 19		n.a.
T 11	20 44	17 50	4 49	18 44	0 26	13 6	1 1	8 38	0 27	23 35	1 10	24 15	0 24	24 8	0 35	23 55	0 1	15 4	2 37	23 10	23 1	17 17		n.a.
W12	20 56	21 34	4 17	19 27	0 37	13 32	0 58	8 53	0 26	23 33	1 10	24 15	0 24	24 8	0 35	23 55	0 1	15 5	2 37	23 11	23 2	17 14		n.a.
T 13	21 7	24 9	3 32	20 7	0 46	13 58	0 56	9 9	0 25	23 31	1 10	24 16	0 24	24 8	0 35	23 55	0 1	15 5	2 37	23 12	23 2	17 12		n.a.
F 14	21 19	25 27	2 38	20 46	0 55	14 23	0 54	9 24	0 25	23 30	1 10	24 16	0 24	24 8	0 35	23 55	0 1	15 6	2 37	23 12	23 3	17 9		n.a.
S 15	21 30	25 28	1 37	21 23	1 4	14 49	0 51	9 39	0 24	23 28	1 10	24 16	0 24	24 8	0 35	23 55	0 1	15 6	2 37	23 13	23 3	17 7		n.a.
S 16	21 40	24 14	0 32	21 58	1 11	15 14	0 49	9 55	0 24	23 26	1 10	24 16	0 25	24 9	0 35	23 55	0 1	15 7	2 37	23 13	23 3	17 4		n.a.
M17	21 50	21 54	0s33	22 31	1 18	15 38	0 46	10 10	0 23	23 24	1 10	24 17	0 25	24 9	0 35	23 55	0 1	15 7	2 37	23 13	23 4	17 2		n.a.
T 18	22 0	18 38	1 37	23 1	1 25	16 2	0 44	10 25	0 22	23 23	1 9	24 17	0 25	24 9	0 35	23 55	0 1	15 8	2 37	23 13	23 4	16 59		n.a.
W19	22 10	14 39	2 36	23 29	1 30	16 26	0 42	10 40	0 22	23 21	1 9	24 17	0 25	24 9	0 35	23 55	0 1	15 8	2 37	23 13	23 4	16 57		n.a.
T 20	22 19	10 7	3 28	23 54	1 35	16 50	0 39	10 54	0 21	23 19	1 9	24 18	0 25	24 9	0 35	23 55	0 1	15 8	2 37	23 13	23 5	16 54		n.a.
F 21	22 27	5 10	4 12	24 16	1 39	17 13	0 37	11 9	0 20	23 17	1 9	24 18	0 25	24 9	0 35	23 55	0 1	15 9	2 37	23 12	23 5	16 52		n.a.
S 22	22 36	0s 2	4 45	24 36	1 43	17 35	0 34	11 24	0 20	23 15	1 9	24 18	0 25	24 10	0 35	23 55	0 1	15 9	2 37	23 12	23 5	16 49		n.a.
S 23	22 43	5 20	5 6	24 53	1 45	17 57	0 32	11 38	0 19	23 13	1 9	24 18	0 25	24 10	0 35	23 55	0 1	15 10	2 37	23 13	23 6	16 47		n.a.
M24	22 51	10 34	5 13	25 7	1 48	18 19	0 29	11 53	0 18	23 11	1 9	24 19	0 25	24 10	0 35	23 55	0 1	15 10	2 37	23 13	23 6	16 44		n.a.
T 25	22 58	15 29	5 4	25 19	1 49	18 40	0 26	12 7	0 18	23 9	1 9	24 19	0 25	24 10	0 35	23 55	0 1	15 11	2 37	23 13	23 6	16 42		n.a.
W26	23 5	19 48	4 38	25 29	1 50	19 1	0 24	12 22	0 17	23 7	1 9	24 19	0 25	24 10	0 35	23 56	0 1	15 11	2 37	23 14	23 7	16 39		n.a.
T 27	23 11	23 10	3 55	25 36	1 50	19 21	0 21	12 36	0 17	23 5	1 9	24 19	0 25	24 10	0 35	23 56	0 1	15 11	2 37	23 14	23 7	16 37		n.a.
F 28	23 17	25 11	2 57	25 40	1 50	19 41	0 19	12 50	0 16	23 3	1 9	24 20	0 25	24 11	0 35	23 56	0 1	15 12	2 37	23 14	23 8	16 34		n.a.
S 29	23 22	25 32	1 46	25 43	1 49	20 0	0 16	13 4	0 15	23 1	1 9	24 20	0 26	24 11	0 35	23 56	0 1	15 12	2 37	23 15	23 8	16 32		n.a.
S 30	23n28	24s 7	0s27	25n43	1n47	20n19	0s14	13n17	0s14	22n59	1n 9	24n20	0n26	24s11	0s35	23n56	0n 1	15n13	2s37	23s15	23s 8	16n29		n.a.

Julian Day Number = 980116.5, Delta T = 13h14m52s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'11, Lahiri = -31°56'11 Julian Calendar 1 June 2030 BCE == Greg. Calendar 15 May 2030 BCE

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

JULY 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 25 45	19♊55'59	23♉ 7	1♋ 3	1♊ 6	5♉50	23♋36	27♊49	9°R17	28♊ 2	18♉38	13♉18	14♉18	8♌34	n.a.	M 1
T 2	17 29 41	20°53'39	7♒50	2°53	2°20	6°29	23°47	27°57	9♉15	28° 4	18°40	13°19	14°14	8°41	n.a.	T 2
W 3	17 33 38	21°51'20	22°23	4°41	3°33	7° 7	23°59	28° 5	9°13	28° 6	18°41	13°21	14°11	8°47	n.a.	W 3
T 4	17 37 34	22°49'04	6♓44	6°27	4°47	7°45	24°11	28°12	9°11	28° 8	18°42	13°22	14° 8	8°54	n.a.	T 4
F 5	17 41 31	23°46'50	20°50	8°12	6° 0	8°24	24°23	28°20	9° 8	28°10	18°43	13°R23	14° 5	9° 1	n.a.	F 5
S 6	17 45 27	24°44'37	4♈38	9°56	7°14	9° 2	24°36	28°27	9° 6	28°13	18°45	13°22	14° 2	9° 7	n.a.	S 6
S 7	17 49 24	25°42'26	18°10	11°38	8°28	9°40	24°48	28°35	9° 4	28°15	18°46	13°21	13°59	9°14	n.a.	S 7
M 8	17 53 21	26°40'18	1♉25	13°19	9°41	10°18	25° 0	28°42	9° 1	28°17	18°47	13°19	13°55	9°21	n.a.	M 8
T 9	17 57 17	27°38'11	14°25	14°58	10°55	10°56	25°12	28°50	8°59	28°19	18°49	13°17	13°52	9°27	n.a.	T 9
W10	18 1 14	28°36'06	27°10	16°36	12° 9	11°34	25°24	28°57	8°57	28°22	18°50	13°15	13°49	9°34	n.a.	W10
T 11	18 5 10	29°34'03	9♊42	18°13	13°23	12°12	25°37	29° 5	8°54	28°24	18°51	13°13	13°46	9°41	n.a.	T 11
F 12	18 9 7	0♋32'03	22° 3	19°49	14°37	12°50	25°49	29°13	8°52	28°26	18°52	13°12	13°43	9°47	n.a.	F 12
S 13	18 13 3	1°30'03	4♋12	21°23	15°51	13°28	26° 1	29°20	8°50	28°28	18°53	13°11	13°39	9°54	n.a.	S 13
S 14	18 17 0	2°28'06	16°13	22°55	17° 5	14° 5	26°14	29°28	8°47	28°31	18°55	13°D11	13°36	10° 1	n.a.	S 14
M15	18 20 56	3°26'11	28° 6	24°27	18°19	14°43	26°26	29°35	8°45	28°33	18°56	13°11	13°33	10° 7	n.a.	M15
T 16	18 24 53	4°24'17	9♌55	25°57	19°33	15°21	26°39	29°43	8°43	28°35	18°57	13°12	13°30	10°14	n.a.	T 16
W17	18 28 50	5°22'25	21°43	27°26	20°47	15°58	26°51	29°50	8°40	28°37	18°58	13°13	13°27	10°21	n.a.	W17
T 18	18 32 46	6°20'34	3♍32	28°53	22° 1	16°36	27° 4	29°58	8°38	28°39	18°59	13°14	13°24	10°27	n.a.	T 18
F 19	18 36 43	7°18'45	15°28	0♎19	23°15	17°13	27°17	0♋ 5	8°35	28°42	19° 0	13°14	13°20	10°34	n.a.	F 19
S 20	18 40 39	8°16'58	27°33	1°43	24°30	17°50	27°29	0°13	8°33	28°44	19° 1	13°15	13°17	10°41	n.a.	S 20
S 21	18 44 36	9°15'13	9♏53	3° 6	25°44	18°27	27°42	0°20	8°31	28°46	19° 2	13°R15	13°14	10°47	n.a.	S 21
M22	18 48 32	10°13'29	22°32	4°28	26°58	19° 5	27°55	0°28	8°28	28°48	19° 3	13°15	13°11	10°54	n.a.	M22
T 23	18 52 29	11°11'47	5♐33	5°48	28°13	19°42	28° 8	0°35	8°26	28°50	19° 4	13°14	13° 8	11° 1	n.a.	T 23
W24	18 56 25	12°10'07	19° 1	7° 7	29°27	20°19	28°20	0°43	8°23	28°53	19° 5	13°14	13° 5	11° 7	n.a.	W24
T 25	19 0 22	13° 8'28	2♑54	8°24	0♋41	20°55	28°33	0°50	8°21	28°55	19° 6	13°D14	13° 1	11°14	n.a.	T 25
F 26	19 4 19	14° 6'52	17°14	9°39	1°56	21°32	28°46	0°58	8°19	28°57	19° 7	13°14	12°58	11°21	n.a.	F 26
S 27	19 8 15	15° 5'17	1♉56	10°52	3°10	22° 9	28°59	1° 5	8°16	28°59	19° 8	13°14	12°55	11°27	n.a.	S 27
S 28	19 12 12	16° 3'44	16°54	12° 4	4°25	22°46	29°12	1°13	8°14	29° 1	19° 9	13°R14	12°52	11°34	n.a.	S 28
M29	19 16 8	17° 2'14	2♒ 0	13°14	5°39	23°22	29°25	1°20	8°11	29° 3	19°10	13°14	12°49	11°41	n.a.	M29
T 30	19 20 5	18° 0'45	17° 5	14°22	6°54	23°59	29°38	1°27	8° 9	29° 6	19°11	13°14	12°45	11°47	n.a.	T 30
W31	19 24 1	18♋59'19	2♓ 1	15♌27	8♋ 8	24♉35	29♋50	1♋35	8♉ 7	29♊ 8	19♉12	13♉13	12♉42	11♌54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23n32	21s 1	0n54	25n41	1n45	20n37	0s11	13n31	0s14	22n57	1n 9	24n20	0n26	24s11	0s35	23n56	0n 1	15n13	2s37	23s15	23s 9	16n27			n.a.
T 2	23 36	16 34	2 11	25 37	1 43	20 55	0 8	13 45	0 13	22 55	1 9	24 20	0 26	24 11	0 36	23 56	0 1	15 13	2 37	23 15	23 9	16 24			n.a.
W 3	23 40	11 12	3 19	25 30	1 40	21 12	0 6	13 58	0 12	22 53	1 9	24 21	0 26	24 11	0 36	23 56	0 1	15 14	2 36	23 15	23 9	16 22			n.a.
T 4	23 44	5 18	4 14	25 22	1 36	21 28	0 3	14 12	0 12	22 50	1 9	24 21	0 26	24 12	0 36	23 56	0 1	15 14	2 36	23 14	23 10	16 19			n.a.
F 5	23 47	0n45	4 52	25 13	1 33	21 44	0 1	14 25	0 11	22 48	1 9	24 21	0 26	24 12	0 36	23 56	0 1	15 15	2 36	23 14	23 10	16 17			n.a.
S 6	23 49	6 38	5 12	25 1	1 28	21 59	0n 2	14 38	0 10	22 46	1 9	24 21	0 26	24 12	0 36	23 56	0 1	15 15	2 36	23 14	23 10	16 14			n.a.
S 7	23 51	12 5	5 15	24 48	1 24	22 14	0 4	14 51	0 10	22 44	1 9	24 21	0 26	24 12	0 36	23 56	0 1	15 15	2 36	23 15	23 11	16 11			n.a.
M 8	23 53	16 53	5 0	24 33	1 19	22 28	0 7	15 4	0 9	22 41	1 9	24 22	0 26	24 12	0 36	23 56	0 1	15 16	2 36	23 15	23 11	16 9			n.a.
T 9	23 54	20 47	4 31	24 17	1 14	22 41	0 9	15 17	0 8	22 39	1 9	24 22	0 26	24 12	0 36	23 56	0 1	15 16	2 36	23 15	23 11	16 6			n.a.
W10	23 55	23 37	3 48	24 0	1 8	22 54	0 12	15 30	0 8	22 37	1 9	24 22	0 26	24 13	0 36	23 56	0 1	15 16	2 36	23 15	23 12	16 4			n.a.
T 11	23 56	25 14	2 55	23 41	1 2	23 6	0 14	15 42	0 7	22 34	1 9	24 22	0 27	24 13	0 36	23 56	0 1	15 17	2 36	23 15	23 12	16 1			n.a.
F 12	23 56	25 35	1 55	23 21	0 56	23 18	0 17	15 55	0 6	22 32	1 8	24 22	0 27	24 13	0 36	23 56	0 1	15 17	2 36	23 15	23 12	15 59			n.a.
S 13	23 55	24 41	0 50	23 0	0 49	23 28	0 19	16 7	0 5	22 30	1 8	24 22	0 27	24 13	0 36	23 56	0 1	15 17	2 36	23 16	23 13	15 56			n.a.
S 14	23 54	22 39	0s17	22 38	0 43	23 39	0 21	16 19	0 5	22 27	1 8	24 22	0 27	24 13	0 36	23 56	0 1	15 18	2 36	23 16	23 13	15 54			n.a.
M15	23 53	19 38	1 22	22 15	0 36	23 48	0 24	16 31	0 4	22 25	1 8	24 23	0 27	24 14	0 36	23 56	0 1	15 18	2 36	23 16	23 13	15 51			n.a.
T 16	23 51	15 50	2 23	21 51	0 28	23 57	0 26	16 43	0 3	22 22	1 8	24 23	0 27	24 14	0 36	23 56	0 1	15 18	2 36	23 15	23 14	15 48			n.a.
W17	23 49	11 26	3 18	21 27	0 21	24 4	0 29	16 55	0 2	22 20	1 8	24 23	0 27	24 14	0 36	23 56	0 1	15 19	2 36	23 15	23 14	15 46			n.a.
T 18	23 46	6 37	4 5	21 1	0 13	24 12	0 31	17 7	0 2	22 17	1 8	24 23	0 27	24 14	0 36	23 56	0 1	15 19	2 36	23 15	23 14	15 43			n.a.
F 19	23 43	1 32	4 41	20 35	0 5	24 18	0 33	17 18	0 1	22 15	1 8	24 23	0 27	24 14	0 36	23 56	0 1	15 19	2 36	23 15	23 15	15 41			n.a.
S 20	23 40	3s40	5 6	20 8	0s 3	24 24	0 35	17 30	0 0	22 12	1 8	24 23	0 27	24 14	0 36	23 57	0 1	15 20	2 36	23 15	23 15	15 38			n.a.
S 21	23 36	8 50	5 17	19 41	0 11	24 29	0 37	17 41	0n 1	22 10	1 8	24 23	0 27	24 15	0 36	23 57	0 1	15 20	2 36	23 15	23 15	15 35			n.a.
M22	23 31	13 46	5 14	19 14	0 19	24 33	0 40	17 52	0 1	22 7	1 8	24 23	0 28	24 15	0 36	23 57	0 1	15 20	2 36	23 15	23 16	15 33			n.a.
T 23	23 27	18 15	4 54	18 46	0 28	24 37	0 42	18 3	0 2	22 4	1 8	24 23	0 28	24 15	0 36	23 57	0 1	15 21	2 36	23 15	23 16	15 30			n.a.
W24	23 21	21 57	4 18	18 17	0 36	24 39	0 44	18 14	0 3	22 2	1 8	24 23	0 28	24 15	0 36	23 57	0 1	15 21	2 36	23 15	23 16	15 28			n.a.
T 25	23 16	24 32	3 26	17 49	0 45	24 41	0 46	18 25	0 4	21 59	1 8	24 23	0 28	24 15	0 36	23 57	0 1	15 21	2 36	23 15	23 17	15 25			n.a.
F 26	23 10	25 37	2 20	17 20	0 54	24 43	0 48	18 35	0 5	21 56	1 8	24 23	0 28	24 15	0 36	23 57	0 1	15 21	2 36	23 15	23 17	15 23			n.a.
S 27	23 3	24 57	1 2	16 51	1 3	24 43	0 50	18 46	0 5	21 54	1 8	24 23	0 28	24 15	0 36	23 57	0 1	15 22	2 36	23 15	23 17	15 20			n.a.
S 28	22 56	22 30	0n20	16 23	1 12	24 43	0 52	18 56	0 6	21 51	1 8	24 23	0 28	24 16	0 36	23 57	0 1	15 22	2 36	23 15	23 17	15 17			n.a.
M29	22 49	18 27	1 42	15 54	1 21	24 42	0 54	19 6	0 7	21 48	1 8	24 23	0 28	24 16	0 36	23 57	0 1	15 22	2 36	23 15	23 18	15 15			n.a.
T 30	22 41	13 13	2 57	15 26	1 30	24 40	0 56	19 16	0 8	21 46	1 8	24 23	0 28	24 16	0 36	23 57	0 1	15 23	2 36	23 15	23 18	15 12			n.a.
W31	22n33	7s16	3n59	14n58	1s39	24n38	0n57	19n26	0n 8	21n43	1n 9	24n23	0n28	24s16	0s36	23n57	0n 1	15n23	2s36	23s15	23s18	15n10			n.a.

Julian Day Number = 980146.5, Delta T = 13h14m50s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'07, Lahiri = -31°56'07 Julian Calendar 1 July 2030 BCE == Greg. Calendar 14 June 2030 BCE

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

AUGUST 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 27 58	19♋57'55	16♓39	16♌31	9♋23	25♉12	0♌ 3	1♋42	8°R 4	29♊10	19♉13	13°R13	12♑39	12♌ 1	n.a.	T 1
F 2	19 31 54	20°56'33	0♈57	17°32	10°38	25°48	0°16	1°49	8♑ 2	29°12	19°14	13♑12	12°36	12° 7	n.a.	F 2
S 3	19 35 51	21°55'14	14°50	18°31	11°52	26°24	0°29	1°57	8° 0	29°14	19°15	13°12	12°33	12°14	n.a.	S 3
S 4	19 39 47	22°53'57	28°20	19°26	13° 7	27° 0	0°42	2° 4	7°57	29°16	19°15	13°D12	12°30	12°21	n.a.	S 4
M 5	19 43 44	23°52'43	11♉27	20°19	14°22	27°37	0°55	2°11	7°55	29°18	19°16	13°12	12°26	12°27	n.a.	M 5
T 6	19 47 41	24°51'31	24°14	21° 9	15°37	28°13	1° 8	2°18	7°53	29°20	19°17	13°13	12°23	12°34	n.a.	T 6
W 7	19 51 37	25°50'22	6♊44	21°56	16°52	28°48	1°21	2°26	7°51	29°22	19°18	13°14	12°20	12°41	n.a.	W 7
T 8	19 55 34	26°49'15	19° 1	22°38	18° 7	29°24	1°35	2°33	7°48	29°24	19°18	13°15	12°17	12°47	n.a.	T 8
F 9	19 59 30	27°48'10	1♋ 7	23°17	19°21	0♊ 0	1°48	2°40	7°46	29°26	19°19	13°16	12°14	12°54	n.a.	F 9
S 10	20 3 27	28°47'08	13° 6	23°52	20°36	0°36	2° 1	2°47	7°44	29°28	19°20	13°R17	12°11	13° 1	n.a.	S 10
S 11	20 7 23	29°46'08	24°58	24°22	21°51	1°11	2°14	2°54	7°42	29°30	19°20	13°16	12° 7	13° 7	n.a.	S 11
M12	20 11 20	0♌45'10	6♌48	24°47	23° 6	1°47	2°27	3° 1	7°40	29°32	19°21	13°15	12° 4	13°14	n.a.	M12
T 13	20 15 16	1°44'14	18°36	25° 7	24°21	2°22	2°40	3° 8	7°38	29°34	19°22	13°13	12° 1	13°21	n.a.	T 13
W14	20 19 13	2°43'21	0♍25	25°20	25°36	2°57	2°53	3°15	7°35	29°36	19°22	13°10	11°58	13°27	n.a.	W14
T 15	20 23 9	3°42'29	12°17	25°28	26°51	3°33	3° 6	3°22	7°33	29°38	19°23	13° 6	11°55	13°34	n.a.	T 15
F 16	20 27 6	4°41'40	24°15	25°R29	28° 7	4° 8	3°19	3°29	7°31	29°40	19°23	13° 3	11°51	13°41	n.a.	F 16
S 17	20 31 3	5°40'52	6♎22	25°23	29°22	4°43	3°32	3°36	7°29	29°42	19°24	13° 0	11°48	13°47	n.a.	S 17
S 18	20 34 59	6°40'07	18°41	25°10	0♌37	5°18	3°45	3°42	7°27	29°44	19°24	12°58	11°45	13°54	n.a.	S 18
M19	20 38 56	7°39'23	1♏17	24°49	1°52	5°53	3°59	3°49	7°25	29°46	19°25	12°56	11°42	14° 1	n.a.	M19
T 20	20 42 52	8°38'42	14°12	24°21	3° 7	6°27	4°12	3°56	7°23	29°47	19°25	12°D56	11°39	14° 7	n.a.	T 20
W21	20 46 49	9°38'02	27°30	23°44	4°22	7° 2	4°25	4° 2	7°21	29°49	19°26	12°57	11°36	14°14	n.a.	W21
T 22	20 50 45	10°37'25	11♐14	23° 0	5°37	7°36	4°38	4° 9	7°20	29°51	19°26	12°59	11°32	14°21	n.a.	T 22
F 23	20 54 42	11°36'49	25°24	22° 8	6°53	8°11	4°51	4°16	7°18	29°53	19°26	13° 0	11°29	14°27	n.a.	F 23
S 24	20 58 38	12°36'16	10♑ 1	21°10	8° 8	8°45	5° 4	4°22	7°16	29°55	19°27	13°R 1	11°26	14°34	n.a.	S 24
S 25	21 2 35	13°35'44	24°58	20° 6	9°23	9°20	5°17	4°28	7°14	29°56	19°27	13° 1	11°23	14°41	n.a.	S 25
M26	21 6 31	14°35'15	10♒10	18°58	10°38	9°54	5°30	4°35	7°12	29°58	19°27	12°59	11°20	14°47	n.a.	M26
T 27	21 10 28	15°34'47	25°27	17°47	11°54	10°28	5°43	4°41	7°11	29°59	19°28	12°55	11°17	14°54	n.a.	T 27
W28	21 14 25	16°34'22	10♓38	16°35	13° 9	11° 2	5°56	4°48	7° 9	0♋ 1	19°28	12°51	11°13	15° 1	n.a.	W28
T 29	21 18 21	17°33'59	25°33	15°23	14°24	11°35	6° 9	4°54	7° 7	0° 3	19°28	12°45	11°10	15° 7	n.a.	T 29
F 30	21 22 18	18°33'38	10♈ 6	14°15	15°40	12° 9	6°22	5° 0	7° 6	0° 5	19°28	12°40	11° 7	15°14	n.a.	F 30
S 31	21 26 14	19♌33'20	24♈11	13♌12	16♌55	12♊43	6♌35	5♋ 6	7♑ 4	0♋ 6	19♉29	12♑37	11♑ 4	15♌21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n24	1 s 1	4n44	14n30	1 s48	24n34	0n59	19n36	0n 9	21n40	1n 9	24n23	0n28	24 s16	0 s36	23n57	0n 1	15n23	2 s36	23 s15	23 s19	15n 7		n.a.
F 2	22 16	5n 7	5 10	14 2	1 57	24 30	1 1	19 46	0 10	21 37	1 9	24 23	0 29	24 16	0 36	23 57	0 1	15 23	2 36	23 15	23 19	15 4		n.a.
S 3	22 6	10 49	5 17	13 36	2 6	24 25	1 2	19 55	0 11	21 34	1 9	24 23	0 29	24 17	0 36	23 57	0 1	15 23	2 36	23 16	23 19	15 2		n.a.
S 4	21 56	15 51	5 6	13 10	2 15	24 20	1 4	20 5	0 12	21 31	1 9	24 23	0 29	24 17	0 36	23 57	0 1	15 24	2 36	23 16	23 20	14 59		n.a.
M 5	21 46	20 0	4 40	12 45	2 23	24 13	1 5	20 14	0 13	21 29	1 9	24 23	0 29	24 17	0 36	23 57	0 1	15 24	2 36	23 15	23 20	14 56		n.a.
T 6	21 36	23 5	4 0	12 20	2 32	24 6	1 7	20 23	0 13	21 26	1 9	24 23	0 29	24 17	0 36	23 57	0 1	15 24	2 36	23 15	23 20	14 54		n.a.
W 7	21 25	24 59	3 9	11 57	2 41	23 58	1 8	20 32	0 14	21 23	1 9	24 23	0 29	24 17	0 36	23 57	0 1	15 24	2 36	23 15	23 21	14 51		n.a.
T 8	21 13	25 38	2 10	11 36	2 49	23 50	1 10	20 41	0 15	21 20	1 9	24 23	0 29	24 17	0 36	23 57	0 1	15 25	2 36	23 15	23 21	14 49		n.a.
F 9	21 1	25 2	1 7	11 15	2 57	23 40	1 11	20 49	0 16	21 17	1 9	24 23	0 29	24 17	0 36	23 57	0 2	15 25	2 36	23 15	23 21	14 46		n.a.
S 10	20 49	23 17	0 1	10 57	3 4	23 30	1 12	20 58	0 17	21 14	1 9	24 23	0 29	24 17	0 36	23 57	0 2	15 25	2 36	23 15	23 21	14 43		n.a.
S 11	20 37	20 31	1 s 4	10 40	3 12	23 19	1 14	21 6	0 18	21 11	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 25	2 36	23 15	23 22	14 41		n.a.
M12	20 24	16 55	2 6	10 25	3 18	23 8	1 15	21 15	0 19	21 8	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 25	2 36	23 15	23 22	14 38		n.a.
T 13	20 11	12 40	3 3	10 13	3 25	22 56	1 16	21 23	0 19	21 5	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 25	2 36	23 15	23 22	14 35		n.a.
W14	19 57	7 57	3 52	10 3	3 30	22 43	1 17	21 31	0 20	21 2	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 26	2 36	23 16	23 23	14 33		n.a.
T 15	19 43	2 56	4 31	9 56	3 35	22 29	1 18	21 38	0 21	20 59	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 26	2 36	23 16	23 23	14 30		n.a.
F 16	19 29	2 s13	4 58	9 52	3 39	22 15	1 19	21 46	0 22	20 56	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 26	2 36	23 16	23 23	14 27		n.a.
S 17	19 14	7 20	5 13	9 51	3 42	22 0	1 19	21 53	0 23	20 53	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 26	2 36	23 17	23 23	14 25		n.a.
S 18	18 59	12 16	5 13	9 54	3 43	21 44	1 20	22 1	0 24	20 50	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 26	2 36	23 17	23 24	14 22		n.a.
M19	18 44	16 48	4 59	10 0	3 44	21 28	1 21	22 8	0 25	20 46	1 9	24 23	0 30	24 18	0 36	23 57	0 2	15 26	2 36	23 17	23 24	14 20		n.a.
T 20	18 28	20 42	4 29	10 11	3 42	21 11	1 22	22 15	0 26	20 43	1 9	24 23	0 31	24 19	0 36	23 57	0 2	15 26	2 36	23 17	23 24	14 17		n.a.
W21	18 12	23 38	3 45	10 26	3 40	20 53	1 22	22 22	0 27	20 40	1 9	24 23	0 31	24 19	0 36	23 57	0 2	15 27	2 36	23 17	23 25	14 14		n.a.
T 22	17 56	25 19	2 46	10 45	3 35	20 35	1 23	22 29	0 28	20 37	1 9	24 22	0 31	24 19	0 36	23 57	0 2	15 27	2 36	23 17	23 25	14 12		n.a.
F 23	17 39	25 26	1 35	11 8	3 29	20 16	1 23	22 35	0 29	20 34	1 10	24 22	0 31	24 19	0 36	23 57	0 2	15 27	2 36	23 17	23 25	14 9		n.a.
S 24	17 22	23 49	0 16	11 35	3 20	19 57	1 24	22 42	0 29	20 31	1 10	24 22	0 31	24 19	0 36	23 57	0 2	15 27	2 36	23 17	23 25	14 6		n.a.
S 25	17 5	20 30	1n 5	12 5	3 10	19 37	1 24	22 48	0 30	20 28	1 10	24 22	0 31	24 19	0 36	23 57	0 2	15 27	2 36	23 17	23 26	14 4		n.a.
M26	16 47	15 46	2 23	12 38	2 57	19 16	1 24	22 54	0 31	20 24	1 10	24 22	0 31	24 19	0 36	23 57	0 2	15 27	2 36	23 17	23 26	14 1		n.a.
T 27	16 29	9 59	3 31	13 14	2 43	18 55	1 24	23 0	0 32	20 21	1 10	24 22	0 31	24 19	0 36	23 57	0 2	15 27	2 36	23 17	23 26	13 58		n.a.
W28	16 11	3 40	4 24	13 52	2 26	18 33	1 24	23 6	0 33	20 18	1 10	24 22	0 31	24 19	0 36	23 57	0 2	15 27	2 36	23 18	23 27	13 56		n.a.
T 29	15 53	2n44	4 58	14 30	2 9	18 11	1 25	23 12	0 34	20 15	1 10	24 22	0 32	24 19	0 36	23 57	0 2	15 27	2 36	23 18	23 27	13 53		n.a.
F 30	15 34	8 50	5 11	15 8	1 50	17 49	1 25	23 18	0 35	20 12	1 10	24 22	0 32	24 19	0 36	23 57	0 2	15 27	2 36	23 19	23 27	13 50		n.a.
S 31	15n15	14n16	5n 5	15n46	1 s30	17n25	1n25	23n23	0n36	20n 8	1n10	24n21	0n32	24 s20	0 s36	23n57	0n 2	15n27	2 s36	23 s19	23 s27	13n48		n.a.

Julian Day Number = 980177.5, Delta T = 13h14m48s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°03'03, Lahiri = -31°56'03 Julian Calendar 1 Aug. 2030 BCE == Greg. Calendar 15 July 2030 BCE

The year -2029 astronomical counting style corresponds to year 2030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

SEPTEMBER 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 30 11	20♌33'05	7♉47	12°R16	18♌10	13♊16	6♌48	5♋12	7°R 2	0♋ 8	19♉29	12°R34	11♏ 1	15♌27	n.a.	S 1
M 2	21 34 7	21°32'52	20°55	11♌28	19°26	13°50	7° 1	5°18	7♏ 1	0° 9	19°29	12°D33	10°57	15°34	n.a.	M 2
T 3	21 38 4	22°32'41	3♊39	10°50	20°41	14°23	7°13	5°24	7° 0	0°11	19°29	12♏34	10°54	15°41	n.a.	T 3
W 4	21 42 0	23°32'33	16° 3	10°22	21°57	14°56	7°26	5°30	6°58	0°12	19°29	12°35	10°51	15°47	n.a.	W 4
T 5	21 45 57	24°32'27	28°11	10° 6	23°12	15°29	7°39	5°36	6°57	0°14	19°29	12°37	10°48	15°54	n.a.	T 5
F 6	21 49 53	25°32'24	10♋ 9	10°D 1	24°28	16° 2	7°52	5°42	6°55	0°15	19°29	12°R38	10°45	16° 1	n.a.	F 6
S 7	21 53 50	26°32'23	22° 0	10° 7	25°43	16°35	8° 5	5°47	6°54	0°17	19°R29	12°37	10°42	16° 7	n.a.	S 7
S 8	21 57 47	27°32'24	3♌49	10°24	26°59	17° 7	8°18	5°53	6°53	0°18	19°29	12°35	10°38	16°14	n.a.	S 8
M 9	22 1 43	28°32'27	15°36	10°50	28°14	17°40	8°30	5°59	6°52	0°20	19°29	12°30	10°35	16°21	n.a.	M 9
T 10	22 5 40	29°32'32	27°26	11°27	29°29	18°12	8°43	6° 4	6°50	0°21	19°29	12°23	10°32	16°27	n.a.	T 10
W11	22 9 36	0♍32'39	9♍20	12°12	0♍45	18°45	8°56	6°10	6°49	0°22	19°29	12°14	10°29	16°34	n.a.	W11
T 12	22 13 33	1°32'49	21°20	13° 5	2° 1	19°17	9° 8	6°15	6°48	0°23	19°29	12° 5	10°26	16°41	n.a.	T 12
F 13	22 17 29	2°33'00	3♎26	14° 5	3°16	19°49	9°21	6°20	6°47	0°25	19°29	11°55	10°22	16°47	n.a.	F 13
S 14	22 21 26	3°33'13	15°41	15°11	4°32	20°21	9°33	6°25	6°46	0°26	19°29	11°46	10°19	16°54	n.a.	S 14
S 15	22 25 22	4°33'28	28° 6	16°22	5°47	20°52	9°46	6°31	6°45	0°27	19°29	11°38	10°16	17° 1	n.a.	S 15
M16	22 29 19	5°33'45	10♏44	17°38	7° 3	21°24	9°58	6°36	6°44	0°28	19°28	11°33	10°13	17° 7	n.a.	M16
T 17	22 33 15	6°34'03	23°37	18°58	8°18	21°55	10°11	6°41	6°43	0°29	19°28	11°30	10°10	17°14	n.a.	T 17
W18	22 37 12	7°34'24	6♐49	20°21	9°34	22°26	10°23	6°46	6°43	0°31	19°28	11°D29	10° 7	17°21	n.a.	W18
T 19	22 41 9	8°34'45	20°21	21°47	10°49	22°58	10°35	6°50	6°42	0°32	19°28	11°29	10° 3	17°27	n.a.	T 19
F 20	22 45 5	9°35'09	4♑17	23°16	12° 5	23°29	10°48	6°55	6°41	0°33	19°27	11°R30	10° 0	17°34	n.a.	F 20
S 21	22 49 2	10°35'34	18°37	24°46	13°20	23°59	11° 0	7° 0	6°40	0°34	19°27	11°30	9°57	17°41	n.a.	S 21
S 22	22 52 58	11°36'00	3♒19	26°18	14°36	24°30	11°12	7° 4	6°40	0°35	19°27	11°28	9°54	17°47	n.a.	S 22
M23	22 56 55	12°36'29	18°19	27°51	15°51	25° 0	11°24	7° 9	6°39	0°36	19°26	11°24	9°51	17°54	n.a.	M23
T 24	23 0 51	13°36'58	3♓29	29°25	17° 7	25°31	11°36	7°13	6°39	0°37	19°26	11°17	9°48	18° 1	n.a.	T 24
W25	23 4 48	14°37'30	18°40	1♍ 0	18°22	26° 1	11°48	7°18	6°38	0°38	19°25	11° 8	9°44	18° 7	n.a.	W25
T 26	23 8 44	15°38'03	3♈40	2°36	19°38	26°31	12° 0	7°22	6°38	0°38	19°25	10°57	9°41	18°14	n.a.	T 26
F 27	23 12 41	16°38'38	18°20	4°12	20°53	27° 1	12°12	7°26	6°37	0°39	19°25	10°47	9°38	18°21	n.a.	F 27
S 28	23 16 38	17°39'15	2♉34	5°48	22° 9	27°30	12°24	7°30	6°37	0°40	19°24	10°38	9°35	18°27	n.a.	S 28
S 29	23 20 34	18°39'54	16°19	7°25	23°24	28° 0	12°36	7°34	6°37	0°41	19°24	10°32	9°32	18°34	n.a.	S 29
M30	23 24 31	19♍40'34	29♉34	9♍ 2	24♍40	28♊29	12♌47	7♋38	6♏37	0♋41	19♉23	10♏28	9♏28	18♌41	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n56	18n49	4n42	16n21	1s10	17n 2	1n24	23n28	0n37	20n 5	1n10	24n21	0n32	24s20	0s35	23n57	0n 2	15n27	2s36	23s19	23s28	13n45		n.a.
M 2	14 37	22 16	4 5	16 54	0 50	16 37	1 24	23 34	0 38	20 2	1 10	24 21	0 32	24 20	0 35	23 57	0 2	15 27	2 36	23 19	23 28	13 42		n.a.
T 3	14 17	24 31	3 16	17 24	0 30	16 13	1 24	23 39	0 39	19 59	1 10	24 21	0 32	24 20	0 35	23 58	0 2	15 27	2 36	23 19	23 28	13 39		n.a.
W 4	13 57	25 29	2 19	17 50	0 11	15 48	1 24	23 43	0 40	19 55	1 11	24 21	0 32	24 20	0 35	23 58	0 2	15 27	2 36	23 19	23 28	13 37		n.a.
T 5	13 36	25 13	1 18	18 12	0n 8	15 22	1 23	23 48	0 41	19 52	1 11	24 21	0 32	24 20	0 35	23 58	0 2	15 27	2 36	23 19	23 29	13 34		n.a.
F 6	13 16	23 45	0 13	18 30	0 25	14 56	1 23	23 53	0 42	19 49	1 11	24 21	0 33	24 20	0 35	23 58	0 2	15 27	2 36	23 19	23 29	13 31		n.a.
S 7	12 55	21 15	0s51	18 43	0 40	14 30	1 22	23 57	0 43	19 45	1 11	24 21	0 33	24 20	0 35	23 58	0 2	15 27	2 36	23 19	23 29	13 29		n.a.
S 8	12 34	17 53	1 52	18 52	0 55	14 3	1 22	24 2	0 44	19 42	1 11	24 20	0 33	24 20	0 35	23 58	0 2	15 27	2 36	23 19	23 29	13 26		n.a.
M 9	12 13	13 48	2 49	18 57	1 8	13 36	1 21	24 6	0 46	19 39	1 11	24 20	0 33	24 20	0 35	23 58	0 2	15 27	2 36	23 20	23 30	13 23		n.a.
T 10	11 52	9 12	3 38	18 58	1 19	13 8	1 20	24 10	0 47	19 36	1 11	24 20	0 33	24 20	0 35	23 58	0 2	15 27	2 36	23 20	23 30	13 21		n.a.
W11	11 30	4 15	4 18	18 55	1 29	12 40	1 20	24 14	0 48	19 32	1 11	24 20	0 33	24 20	0 35	23 58	0 2	15 27	2 36	23 21	23 30	13 18		n.a.
T 12	11 8	0s52	4 47	18 48	1 38	12 12	1 19	24 18	0 49	19 29	1 11	24 20	0 33	24 20	0 35	23 58	0 2	15 27	2 36	23 22	23 31	13 15		n.a.
F 13	10 47	6 0	5 3	18 37	1 45	11 43	1 18	24 21	0 50	19 26	1 12	24 20	0 34	24 20	0 35	23 58	0 2	15 27	2 36	23 23	23 31	13 13		n.a.
S 14	10 24	10 58	5 5	18 23	1 51	11 14	1 17	24 25	0 51	19 22	1 12	24 20	0 34	24 20	0 35	23 58	0 2	15 27	2 36	23 24	23 31	13 10		n.a.
S 15	10 2	15 34	4 54	18 6	1 56	10 45	1 16	24 28	0 52	19 19	1 12	24 20	0 34	24 20	0 35	23 58	0 2	15 27	2 36	23 24	23 31	13 7		n.a.
M16	9 40	19 34	4 28	17 46	2 0	10 15	1 15	24 32	0 53	19 16	1 12	24 20	0 34	24 20	0 35	23 58	0 2	15 27	2 36	23 25	23 32	13 4		n.a.
T 17	9 17	22 44	3 48	17 23	2 3	9 46	1 14	24 35	0 54	19 12	1 12	24 19	0 34	24 20	0 35	23 58	0 2	15 27	2 36	23 25	23 32	13 2		n.a.
W18	8 54	24 46	2 55	16 58	2 4	9 16	1 13	24 38	0 56	19 9	1 12	24 19	0 34	24 20	0 35	23 58	0 2	15 27	2 36	23 25	23 32	12 59		n.a.
T 19	8 31	25 25	1 51	16 30	2 5	8 45	1 11	24 41	0 57	19 6	1 12	24 19	0 34	24 20	0 35	23 58	0 2	15 27	2 36	23 25	23 32	12 56		n.a.
F 20	8 8	24 30	0 39	16 0	2 5	8 15	1 10	24 44	0 58	19 2	1 12	24 19	0 35	24 20	0 35	23 58	0 2	15 27	2 36	23 25	23 33	12 54		n.a.
S 21	7 45	21 59	0n38	15 29	2 5	7 44	1 9	24 46	0 59	18 59	1 13	24 19	0 35	24 20	0 35	23 58	0 2	15 27	2 36	23 25	23 33	12 51		n.a.
S 22	7 21	17 58	1 54	14 56	2 3	7 13	1 7	24 49	1 0	18 56	1 13	24 19	0 35	24 20	0 35	23 58	0 2	15 27	2 36	23 25	23 33	12 48		n.a.
M23	6 58	12 45	3 3	14 21	2 1	6 42	1 6	24 51	1 1	18 53	1 13	24 19	0 35	24 20	0 35	23 58	0 2	15 27	2 36	23 26	23 33	12 45		n.a.
T 24	6 34	6 42	4 0	13 45	1 59	6 11	1 5	24 54	1 3	18 49	1 13	24 19	0 35	24 20	0 35	23 58	0 2	15 26	2 36	23 26	23 33	12 43		n.a.
W25	6 10	0 17	4 41	13 8	1 56	5 39	1 3	24 56	1 4	18 46	1 13	24 19	0 35	24 20	0 35	23 58	0 2	15 26	2 36	23 27	23 34	12 40		n.a.
T 26	5 47	6n 4	5 1	12 30	1 52	5 7	1 1	24 58	1 5	18 43	1 13	24 18	0 35	24 20	0 35	23 58	0 2	15 26	2 36	23 28	23 34	12 37		n.a.
F 27	5 23	11 57	5 1	11 51	1 48	4 36	1 0	25 0	1 6	18 39	1 13	24 18	0 36	24 20	0 35	23 58	0 2	15 26	2 36	23 29	23 34	12 35		n.a.
S 28	4 58	17 0	4 42	11 11	1 44	4 4	0 58	25 2	1 8	18 36	1 14	24 18	0 36	24 20	0 35	23 58	0 2	15 26	2 36	23 29	23 34	12 32		n.a.
S 29	4 34	20 59	4 7	10 30	1 40	3 32	0 56	25 4	1 9	18 33	1 14	24 18	0 36	24 20	0 35	23 58	0 2	15 26	2 36	23 30	23 35	12 29		n.a.
M30	4n10	23n42	3n19	9n48	1n35	3n 0	0n55	25n 5	1n10	18n30	1n14	24n18	0n36	24s20	0s35	23n58	0n 2	15n26	2s36	23s30	23s35	12n26		n.a.

Julian Day Number = 980208.5, Delta T = 13h14m45s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'59, Lahiri = -31°55'58 Julian Calendar 1 Sept. 2030 BCE == Greg. Calendar 15 Aug. 2030 BCE

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

OCTOBER 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 28 27	20♍41'17	12♊21	10♍38	25♍55	28♊58	12♌59	7♋42	6°R36	0♋42	19°R23	10°R26	9♑25	18♌48	n.a.	T 1
W 2	23 32 24	21°42'02	24°46	12°15	27°11	29°27	13°11	7°46	6♑36	0°43	19♉22	10°D25	9°22	18°54	n.a.	W 2
T 3	23 36 20	22°42'48	6♋54	13°52	28°27	29°56	13°22	7°49	6°36	0°43	19°21	10°R26	9°19	19° 1	n.a.	T 3
F 4	23 40 17	23°43'36	18°50	15°28	29°42	0♋24	13°34	7°53	6°D36	0°44	19°21	10♑26	9°16	19° 8	n.a.	F 4
S 5	23 44 13	24°44'26	0♌39	17° 5	0♎58	0°52	13°45	7°56	6°36	0°45	19°20	10°24	9°13	19°14	n.a.	S 5
S 6	23 48 10	25°45'18	12°26	18°41	2°13	1°21	13°56	8° 0	6°36	0°45	19°19	10°19	9° 9	19°21	n.a.	S 6
M 7	23 52 7	26°46'11	24°15	20°17	3°29	1°48	14° 8	8° 3	6°36	0°46	19°19	10°12	9° 6	19°28	n.a.	M 7
T 8	23 56 3	27°47'06	6♍ 9	21°53	4°44	2°16	14°19	8° 6	6°37	0°46	19°18	10° 2	9° 3	19°34	n.a.	T 8
W 9	0 0 0	28°48'02	18°10	23°29	6° 0	2°43	14°30	8° 9	6°37	0°47	19°17	9°49	9° 0	19°41	n.a.	W 9
T 10	0 3 56	29°48'59	0♎20	25° 5	7°15	3°11	14°41	8°12	6°37	0°47	19°17	9°35	8°57	19°48	n.a.	T 10
F 11	0 7 53	0♎49'58	12°40	26°40	8°31	3°38	14°52	8°15	6°37	0°47	19°16	9°20	8°53	19°54	n.a.	F 11
S 12	0 11 49	1°50'59	25°10	28°16	9°46	4° 4	15° 3	8°18	6°38	0°48	19°15	9° 7	8°50	20° 1	n.a.	S 12
S 13	0 15 46	2°52'00	7♏49	29°51	11° 2	4°31	15°13	8°20	6°38	0°48	19°14	8°55	8°47	20° 8	n.a.	S 13
M14	0 19 42	3°53'02	20°40	1♐26	12°17	4°57	15°24	8°23	6°39	0°48	19°13	8°46	8°44	20°14	n.a.	M14
T 15	0 23 39	4°54'06	3♐42	3° 1	13°33	5°23	15°35	8°26	6°39	0°48	19°13	8°40	8°41	20°21	n.a.	T 15
W16	0 27 35	5°55'10	16°57	4°35	14°48	5°49	15°45	8°28	6°40	0°49	19°12	8°38	8°38	20°28	n.a.	W16
T 17	0 31 32	6°56'15	0♑27	6°10	16° 3	6°14	15°56	8°30	6°41	0°49	19°11	8°37	8°34	20°34	n.a.	T 17
F 18	0 35 29	7°57'21	14°13	7°44	17°19	6°39	16° 6	8°32	6°41	0°49	19°10	8°37	8°31	20°41	n.a.	F 18
S 19	0 39 25	8°58'28	28°18	9°19	18°34	7° 4	16°16	8°34	6°42	0°49	19° 9	8°36	8°28	20°48	n.a.	S 19
S 20	0 43 22	9°59'35	12♒39	10°53	19°50	7°29	16°26	8°36	6°43	0°49	19° 8	8°34	8°25	20°54	n.a.	S 20
M21	0 47 18	11° 0'43	27°16	12°28	21° 5	7°53	16°36	8°38	6°44	0°R49	19° 7	8°28	8°22	21° 1	n.a.	M21
T 22	0 51 15	12° 1'52	12♓ 4	14° 2	22°21	8°17	16°46	8°40	6°45	0°49	19° 6	8°20	8°19	21° 8	n.a.	T 22
W23	0 55 11	13° 3'01	26°55	15°36	23°36	8°41	16°56	8°41	6°46	0°49	19° 5	8° 9	8°15	21°14	n.a.	W23
T 24	0 59 8	14° 4'11	11♈41	17°11	24°51	9° 5	17° 6	8°43	6°47	0°49	19° 4	7°57	8°12	21°21	n.a.	T 24
F 25	1 3 5	15° 5'22	26°13	18°45	26° 7	9°28	17°16	8°44	6°48	0°49	19° 3	7°45	8° 9	21°28	n.a.	F 25
S 26	1 7 1	16° 6'34	10♉25	20°20	27°22	9°51	17°25	8°46	6°49	0°49	19° 2	7°34	8° 6	21°35	n.a.	S 26
S 27	1 10 58	17° 7'46	24°11	21°54	28°37	10°13	17°35	8°47	6°50	0°48	19° 1	7°25	8° 3	21°41	n.a.	S 27
M28	1 14 54	18° 9'00	7♊29	23°29	29°53	10°35	17°44	8°48	6°51	0°48	19° 0	7°20	7°59	21°48	n.a.	M28
T 29	1 18 51	19°10'14	20°21	25° 3	1♏ 8	10°57	17°53	8°49	6°52	0°48	18°59	7°16	7°56	21°55	n.a.	T 29
W30	1 22 47	20°11'30	2♋51	26°38	2°23	11°19	18° 2	8°50	6°54	0°48	18°58	7°D15	7°53	22° 1	n.a.	W30
T 31	1 26 44	21♎12'46	15♋ 2	28♎13	3♏39	11♋40	18♌11	8♋50	6♑55	0♋47	18♉57	7♑15	7♑50	22♌ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	3n46	25n 6	2n24	9n 6	1n30	2n27	0n53	25n 7	1n12	18n26	1n14	24n18	0n36	24s20	0s35	23n58	0n 2	15n26	2s36	23s31	23s35	12n24		n.a.	T 1
W 2	3 21	25 12	1 22	8 24	1 24	1 55	0 51	25 8	1 13	18 23	1 14	24 18	0 36	24 20	0 35	23 58	0 2	15 25	2 36	23 31	23 35	12 21		n.a.	W 2
T 3	2 57	24 3	0 19	7 41	1 19	1 23	0 49	25 10	1 14	18 20	1 14	24 18	0 36	24 20	0 35	23 58	0 2	15 25	2 36	23 31	23 36	12 18		n.a.	T 3
F 4	2 32	21 50	0s45	6 58	1 13	0 50	0 47	25 11	1 15	18 17	1 15	24 18	0 37	24 20	0 35	23 58	0 2	15 25	2 36	23 31	23 36	12 15		n.a.	F 4
S 5	2 8	18 43	1 45	6 14	1 7	0 18	0 45	25 12	1 17	18 14	1 15	24 18	0 37	24 20	0 35	23 58	0 2	15 25	2 36	23 31	23 36	12 13		n.a.	S 5
S 6	1 43	14 51	2 41	5 30	1 1	0s15	0 43	25 13	1 18	18 10	1 15	24 18	0 37	24 20	0 35	23 58	0 2	15 25	2 36	23 31	23 36	12 10		n.a.	S 6
M 7	1 19	10 25	3 30	4 46	0 55	0 47	0 41	25 15	1 20	18 7	1 15	24 18	0 37	24 20	0 35	23 58	0 2	15 25	2 36	23 32	23 36	12 7		n.a.	M 7
T 8	0 54	5 35	4 10	4 2	0 49	1 19	0 39	25 15	1 21	18 4	1 15	24 18	0 37	24 20	0 35	23 58	0 2	15 24	2 36	23 32	23 37	12 4		n.a.	T 8
W 9	0 29	0 30	4 39	3 17	0 43	1 52	0 37	25 16	1 22	18 1	1 15	24 18	0 37	24 20	0 35	23 58	0 2	15 24	2 36	23 33	23 37	12 2		n.a.	W 9
T 10	0 4	4s39	4 56	2 33	0 37	2 24	0 35	25 17	1 24	17 58	1 16	24 18	0 38	24 20	0 35	23 58	0 2	15 24	2 36	23 34	23 37	11 59		n.a.	T 10
F 11	0s20	9 41	4 59	1 49	0 30	2 57	0 33	25 18	1 25	17 55	1 16	24 18	0 38	24 20	0 35	23 58	0 2	15 24	2 36	23 35	23 37	11 56		n.a.	F 11
S 12	0 45	14 23	4 48	1 4	0 24	3 29	0 30	25 18	1 27	17 52	1 16	24 18	0 38	24 20	0 35	23 58	0 2	15 24	2 36	23 36	23 38	11 54		n.a.	S 12
S 13	1 10	18 32	4 23	0 20	0 17	4 1	0 28	25 19	1 28	17 49	1 16	24 17	0 38	24 20	0 35	23 58	0 2	15 23	2 36	23 37	23 38	11 51		n.a.	S 13
M14	1 34	21 53	3 44	0s25	0 11	4 33	0 26	25 20	1 30	17 46	1 16	24 17	0 38	24 20	0 35	23 58	0 2	15 23	2 36	23 38	23 38	11 48		n.a.	M14
T 15	1 59	24 9	2 53	1 9	0 4	5 5	0 24	25 20	1 31	17 42	1 17	24 17	0 38	24 20	0 35	23 58	0 2	15 23	2 36	23 38	23 38	11 45		n.a.	T 15
W16	2 24	25 8	1 52	1 54	0s 2	5 37	0 21	25 20	1 33	17 39	1 17	24 17	0 39	24 20	0 35	23 58	0 2	15 23	2 36	23 38	23 38	11 43		n.a.	W16
T 17	2 48	24 39	0 43	2 38	0 9	6 9	0 19	25 21	1 34	17 36	1 17	24 18	0 39	24 20	0 35	23 58	0 2	15 23	2 36	23 38	23 39	11 40		n.a.	T 17
F 18	3 13	22 40	0n30	3 22	0 15	6 41	0 17	25 21	1 36	17 34	1 17	24 18	0 39	24 20	0 34	23 58	0 2	15 22	2 36	23 38	23 39	11 37		n.a.	F 18
S 19	3 38	19 16	1 42	4 6	0 21	7 12	0 14	25 21	1 37	17 31	1 17	24 18	0 39	24 20	0 34	23 58	0 3	15 22	2 36	23 39	23 39	11 34		n.a.	S 19
S 20	4 2	14 39	2 49	4 49	0 28	7 43	0 12	25 21	1 39	17 28	1 18	24 18	0 39	24 20	0 34	23 58	0 3	15 22	2 36	23 39	23 39	11 31		n.a.	S 20
M21	4 27	9 7	3 47	5 32	0 34	8 15	0 10	25 22	1 41	17 25	1 18	24 18	0 39	24 20	0 34	23 58	0 3	15 22	2 36	23 39	23 39	11 29		n.a.	M21
T 22	4 51	3 2	4 30	6 16	0 40	8 45	0 7	25 22	1 42	17 22	1 18	24 18	0 39	24 19	0 34	23 58	0 3	15 21	2 36	23 40	23 40	11 26		n.a.	T 22
W23	5 15	3n14	4 54	6 58	0 46	9 16	0 5	25 22	1 44	17 19	1 18	24 18	0 40	24 19	0 34	23 58	0 3	15 21	2 36	23 40	23 40	11 23		n.a.	W23
T 24	5 39	9 17	5 0	7 41	0 52	9 47	0 2	25 22	1 45	17 16	1 18	24 18	0 40	24 19	0 34	23 58	0 3	15 21	2 36	23 41	23 40	11 20		n.a.	T 24
F 25	6 4	14 44	4 45	8 23	0 58	10 17	0s 0	25 22	1 47	17 13	1 19	24 18	0 40	24 19	0 34	23 58	0 3	15 21	2 36	23 42	23 40	11 18		n.a.	F 25
S 26	6 28	19 14	4 13	9 5	1 4	10 47	0 2	25 22	1 49	17 11	1 19	24 18	0 40	24 19	0 34	23 58	0 3	15 20	2 36	23 42	23 40	11 15		n.a.	S 26
S 27	6 52	22 32	3 27	9 46	1 9	11 17	0 5	25 22	1 51	17 8	1 19	24 18	0 40	24 19	0 34	23 58	0 3	15 20	2 36	23 43	23 41	11 12		n.a.	S 27
M28	7 15	24 29	2 31	10 27	1 15	11 46	0 7	25 22	1 52	17 5	1 19	24 18	0 40	24 19	0 34	23 58	0 3	15 20	2 36	23 43	23 41	11 9		n.a.	M28
T 29	7 39	25 2	1 28	11 8	1 20	12 15	0 10	25 22	1 54	17 3	1 20	24 18	0 41	24 19	0 34	23 58	0 3	15 20	2 36	23 43	23 41	11 7		n.a.	T 29
W30	8 3	24 17	0 23	11 48	1 25	12 44	0 12	25 21	1 56	17 0	1 20	24 18	0 41	24 19	0 34	23 58	0 3	15 19	2 36	23 43	23 41	11 4		n.a.	W30
T 31	8s26	22n23	0s41	12s27	1s30	13s13	0s15	25n21	1n58	16n57	1n20	24n18	0n41	24s19	0s34	23n58	0n 3	15n19	2s36	23s43	23s41	11n 1		n.a.	T 31

Julian Day Number = 980238.5, Delta T = 13h14m43s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'55, Lahiri = -31°55'54 Julian Calendar 1 Oct. 2030 BCE == Greg. Calendar 14 Sept. 2030 BCE

The year -2029 astronomical counting style corresponds to year 2030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

NOVEMBER 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 30 40	22♎14'03	27♋ 0	29♎47	4♏54	12♋ 1	18♌20	8♋51	6♑56	0°R47	18°R56	7°R15	7♑47	22♌15	n.a.	F 1
S 2	1 34 37	23°15'20	8♌50	1♏22	6° 9	12°21	18°29	8°52	6°58	0♋47	18♉55	7♑14	7°44	22°21	n.a.	S 2
S 3	1 38 34	24°16'39	20°38	2°57	7°25	12°41	18°37	8°52	6°59	0°46	18°54	7°11	7°40	22°28	n.a.	S 3
M 4	1 42 30	25°17'58	2♍29	4°32	8°40	13° 1	18°46	8°52	7° 1	0°46	18°53	7° 5	7°37	22°35	n.a.	M 4
T 5	1 46 27	26°19'17	14°27	6° 7	9°55	13°20	18°54	8°52	7° 2	0°45	18°51	6°56	7°34	22°41	n.a.	T 5
W 6	1 50 23	27°20'37	26°36	7°43	11°10	13°39	19° 2	8°R52	7° 4	0°45	18°50	6°45	7°31	22°48	n.a.	W 6
T 7	1 54 20	28°21'58	8♎56	9°18	12°26	13°58	19°11	8°52	7° 6	0°44	18°49	6°33	7°28	22°55	n.a.	T 7
F 8	1 58 16	29°23'18	21°30	10°53	13°41	14°16	19°19	8°52	7° 7	0°44	18°48	6°20	7°25	23° 1	n.a.	F 8
S 9	2 2 13	0♏24'40	4♏18	12°28	14°56	14°33	19°26	8°52	7° 9	0°43	18°47	6° 7	7°21	23° 8	n.a.	S 9
S 10	2 6 10	1°26'01	17°18	14° 3	16°11	14°50	19°34	8°52	7°11	0°42	18°46	5°57	7°18	23°15	n.a.	S 10
M11	2 10 6	2°27'22	0♐30	15°38	17°26	15° 7	19°42	8°51	7°13	0°42	18°44	5°49	7°15	23°21	n.a.	M11
T 12	2 14 3	3°28'44	13°53	17°12	18°42	15°23	19°49	8°51	7°15	0°41	18°43	5°44	7°12	23°28	n.a.	T 12
W13	2 17 59	4°30'05	27°25	18°46	19°57	15°39	19°57	8°50	7°17	0°40	18°42	5°42	7° 9	23°35	n.a.	W13
T 14	2 21 56	5°31'26	11♑ 7	20°20	21°12	15°55	20° 4	8°49	7°19	0°39	18°41	5°D42	7° 5	23°42	n.a.	T 14
F 15	2 25 52	6°32'46	24°57	21°53	22°27	16° 9	20°11	8°48	7°21	0°39	18°40	5°42	7° 2	23°48	n.a.	F 15
S 16	2 29 49	7°34'07	8♒57	23°25	23°42	16°24	20°18	8°47	7°23	0°38	18°38	5°R43	6°59	23°55	n.a.	S 16
S 17	2 33 45	8°35'26	23° 6	24°56	24°57	16°38	20°24	8°46	7°25	0°37	18°37	5°42	6°56	24° 2	n.a.	S 17
M18	2 37 42	9°36'45	7♓22	26°26	26°12	16°51	20°31	8°45	7°27	0°36	18°36	5°39	6°53	24° 8	n.a.	M18
T 19	2 41 39	10°38'04	21°44	27°54	27°27	17° 4	20°37	8°43	7°29	0°35	18°35	5°33	6°50	24°15	n.a.	T 19
W20	2 45 35	11°39'22	6♈ 6	29°20	28°42	17°16	20°44	8°42	7°31	0°34	18°33	5°25	6°46	24°22	n.a.	W20
T 21	2 49 32	12°40'40	20°24	0♐44	29°57	17°28	20°50	8°40	7°34	0°33	18°32	5°17	6°43	24°28	n.a.	T 21
F 22	2 53 28	13°41'57	4♉33	2° 5	1♐12	17°39	20°56	8°39	7°36	0°32	18°31	5° 7	6°40	24°35	n.a.	F 22
S 23	2 57 25	14°43'14	18°26	3°23	2°27	17°49	21° 2	8°37	7°38	0°31	18°30	4°59	6°37	24°42	n.a.	S 23
S 24	3 1 21	15°44'30	1♊59	4°37	3°42	17°59	21° 7	8°35	7°41	0°30	18°28	4°53	6°34	24°48	n.a.	S 24
M25	3 5 18	16°45'47	15°12	5°47	4°57	18° 9	21°13	8°33	7°43	0°29	18°27	4°49	6°30	24°55	n.a.	M25
T 26	3 9 15	17°47'03	28° 2	6°52	6°12	18°17	21°18	8°31	7°46	0°28	18°26	4°47	6°27	25° 2	n.a.	T 26
W27	3 13 11	18°48'18	10♋32	7°51	7°27	18°26	21°23	8°29	7°48	0°27	18°25	4°D46	6°24	25° 8	n.a.	W27
T 28	3 17 8	19°49'33	22°46	8°42	8°42	18°33	21°28	8°27	7°51	0°25	18°23	4°48	6°21	25°15	n.a.	T 28
F 29	3 21 4	20°50'48	4♌47	9°27	9°57	18°40	21°33	8°24	7°53	0°24	18°22	4°49	6°18	25°22	n.a.	F 29
S 30	3 25 1	21♏52'02	16♌39	10♐ 2	11♐12	18♋46	21♌38	8♋22	7♑56	0♋23	18♉21	4°R50	6♑15	25♌29	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8 s50	19n30	1 s43	13 s 6	1 s35	13 s41	0 s17	25n21	1n59	16n55	1n20	24n19	0n41	24 s19	0 s34	23n58	0n 3	15n19	2 s36	23 s43	23 s42	10n58		n.a.
S 2	9 13	15 52	2 39	13 44	1 40	14 9	0 19	25 21	2 1	16 52	1 21	24 19	0 41	24 19	0 34	23 58	0 3	15 18	2 36	23 44	23 42	10 55		n.a.
S 3	9 36	11 37	3 29	14 22	1 44	14 36	0 22	25 21	2 3	16 50	1 21	24 19	0 42	24 18	0 34	23 58	0 3	15 18	2 36	23 44	23 42	10 53		n.a.
M 4	9 59	6 56	4 9	14 59	1 48	15 4	0 24	25 21	2 5	16 47	1 21	24 19	0 42	24 18	0 34	23 58	0 3	15 18	2 36	23 44	23 42	10 50		n.a.
T 5	10 22	1 57	4 39	15 35	1 52	15 30	0 27	25 21	2 7	16 45	1 21	24 19	0 42	24 18	0 34	23 58	0 3	15 18	2 36	23 45	23 42	10 47		n.a.
W 6	10 44	3 s 9	4 57	16 10	1 55	15 57	0 29	25 21	2 9	16 42	1 22	24 19	0 42	24 18	0 34	23 58	0 3	15 17	2 36	23 45	23 43	10 44		n.a.
T 7	11 7	8 13	5 1	16 45	1 58	16 23	0 31	25 21	2 11	16 40	1 22	24 20	0 42	24 18	0 34	23 58	0 3	15 17	2 35	23 46	23 43	10 42		n.a.
F 8	11 29	13 2	4 51	17 18	2 1	16 48	0 34	25 21	2 13	16 38	1 22	24 20	0 42	24 18	0 34	23 58	0 3	15 17	2 35	23 46	23 43	10 39		n.a.
S 9	11 51	17 23	4 27	17 51	2 4	17 13	0 36	25 21	2 15	16 35	1 22	24 20	0 43	24 18	0 34	23 58	0 3	15 17	2 35	23 47	23 43	10 36		n.a.
S 10	12 13	20 58	3 48	18 22	2 6	17 38	0 38	25 21	2 17	16 33	1 23	24 20	0 43	24 18	0 34	23 58	0 3	15 16	2 35	23 47	23 43	10 33		n.a.
M11	12 34	23 32	2 56	18 53	2 7	18 2	0 41	25 21	2 19	16 31	1 23	24 20	0 43	24 18	0 34	23 58	0 3	15 16	2 35	23 48	23 43	10 30		n.a.
T 12	12 56	24 49	1 54	19 22	2 9	18 25	0 43	25 21	2 21	16 29	1 23	24 20	0 43	24 17	0 34	23 58	0 3	15 16	2 35	23 48	23 44	10 28		n.a.
W13	13 17	24 38	0 44	19 50	2 9	18 48	0 45	25 21	2 23	16 27	1 23	24 21	0 43	24 17	0 34	23 58	0 3	15 15	2 35	23 48	23 44	10 25		n.a.
T 14	13 38	22 58	0n29	20 16	2 10	19 11	0 47	25 21	2 25	16 25	1 24	24 21	0 43	24 17	0 34	23 58	0 3	15 15	2 35	23 48	23 44	10 22		n.a.
F 15	13 59	19 55	1 41	20 41	2 9	19 33	0 49	25 22	2 27	16 23	1 24	24 21	0 44	24 17	0 34	23 58	0 3	15 15	2 35	23 48	23 44	10 19		n.a.
S 16	14 19	15 41	2 48	21 4	2 8	19 55	0 52	25 22	2 29	16 21	1 24	24 21	0 44	24 17	0 34	23 58	0 3	15 14	2 35	23 48	23 44	10 16		n.a.
S 17	14 39	10 33	3 46	21 26	2 7	20 16	0 54	25 22	2 31	16 19	1 25	24 22	0 44	24 17	0 34	23 59	0 3	15 14	2 35	23 48	23 45	10 14		n.a.
M18	14 59	4 49	4 30	21 46	2 4	20 36	0 56	25 23	2 34	16 17	1 25	24 22	0 44	24 17	0 34	23 59	0 3	15 14	2 35	23 48	23 45	10 11		n.a.
T 19	15 19	1n11	4 57	22 4	2 2	20 56	0 58	25 23	2 36	16 15	1 25	24 22	0 44	24 16	0 34	23 59	0 3	15 14	2 35	23 49	23 45	10 8		n.a.
W20	15 38	7 8	5 6	22 20	1 58	21 15	1 0	25 24	2 38	16 13	1 25	24 22	0 44	24 16	0 34	23 59	0 3	15 13	2 35	23 49	23 45	10 5		n.a.
T 21	15 57	12 40	4 55	22 34	1 53	21 34	1 2	25 25	2 40	16 12	1 26	24 23	0 45	24 16	0 34	23 59	0 3	15 13	2 35	23 49	23 45	10 3		n.a.
F 22	16 16	17 28	4 27	22 45	1 48	21 51	1 4	25 25	2 43	16 10	1 26	24 23	0 45	24 16	0 34	23 59	0 3	15 13	2 35	23 50	23 45	10 0		n.a.
S 23	16 35	21 13	3 43	22 55	1 41	22 9	1 6	25 26	2 45	16 8	1 26	24 23	0 45	24 16	0 34	23 59	0 3	15 12	2 35	23 50	23 46	9 57		n.a.
S 24	16 53	23 43	2 47	23 2	1 34	22 26	1 7	25 27	2 47	16 7	1 27	24 24	0 45	24 16	0 34	23 59	0 3	15 12	2 35	23 50	23 46	9 54		n.a.
M25	17 11	24 48	1 44	23 6	1 25	22 42	1 9	25 28	2 50	16 5	1 27	24 24	0 45	24 15	0 34	23 59	0 3	15 12	2 35	23 50	23 46	9 51		n.a.
T 26	17 29	24 31	0 36	23 8	1 15	22 57	1 11	25 29	2 52	16 4	1 27	24 24	0 45	24 15	0 34	23 59	0 3	15 11	2 35	23 50	23 46	9 49		n.a.
W27	17 46	22 59	0 s31	23 7	1 4	23 12	1 13	25 30	2 54	16 2	1 27	24 24	0 46	24 15	0 34	23 59	0 3	15 11	2 35	23 50	23 46	9 46		n.a.
T 28	18 3	20 23	1 36	23 4	0 52	23 26	1 14	25 32	2 57	16 1	1 28	24 25	0 46	24 15	0 34	23 59	0 3	15 11	2 34	23 50	23 46	9 43		n.a.
F 29	18 20	16 57	2 35	22 58	0 39	23 39	1 16	25 33	2 59	16 0	1 28	24 25	0 46	24 15	0 34	23 59	0 3	15 11	2 34	23 50	23 46	9 40		n.a.
S 30	18 s36	12n52	3 s27	22 s49	0 s25	23 s51	1 s18	25n35	3n 2	15n58	1n28	24n25	0n46	24 s15	0 s34	23n59	0n 3	15n10	2 s34	23 s50	23 s47	9n37		n.a.

Julian Day Number = 980269.5, Delta T = 13h14m41s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'51, Lahiri = -31°55'50 Julian Calendar 1 Nov. 2030 BCE == Greg. Calendar 15 Oct. 2030 BCE

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ASTRODIENST EPHEMERIS for the year 2030 BCE
geocentric

DECEMBER 2030 BCE (-2029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 28 57	22♏53'16	28♌29	10♐28	12♐27	18♋52	21♌43	8°R19	7♑58	0°R22	18°R20	4°R50	6♑11	25♌35	n.a.	S 1
M 2	3 32 54	23°54'29	10♍22	10°44	13°42	18°57	21°47	8♋16	8° 1	0♋21	18♉18	4♑49	6° 8	25°42	n.a.	M 2
T 3	3 36 51	24°55'42	22°22	10°R49	14°56	19° 1	21°51	8°14	8° 4	0°19	18°17	4°45	6° 5	25°49	n.a.	T 3
W 4	3 40 47	25°56'54	4♎33	10°43	16°11	19° 5	21°55	8°11	8° 7	0°18	18°16	4°40	6° 2	25°55	n.a.	W 4
T 5	3 44 44	26°58'05	17° 0	10°25	17°26	19° 7	21°59	8° 8	8° 9	0°17	18°14	4°34	5°59	26° 2	n.a.	T 5
F 6	3 48 40	27°59'16	29°44	9°56	18°41	19° 9	22° 3	8° 5	8°12	0°15	18°13	4°27	5°56	26° 9	n.a.	F 6
S 7	3 52 37	29° 0'26	12♏46	9°15	19°55	19°11	22° 6	8° 2	8°15	0°14	18°12	4°20	5°52	26°15	n.a.	S 7
S 8	3 56 33	0♐ 1'36	26° 5	8°24	21°10	19°R11	22° 9	7°59	8°18	0°13	18°11	4°15	5°49	26°22	n.a.	S 8
M 9	4 0 30	1° 2'44	9♐41	7°24	22°25	19°11	22°13	7°55	8°21	0°11	18°10	4°11	5°46	26°29	n.a.	M 9
T 10	4 4 26	2° 3'51	23°30	6°17	23°40	19°10	22°15	7°52	8°24	0°10	18° 8	4° 9	5°43	26°35	n.a.	T 10
W11	4 8 23	3° 4'57	7♑29	5° 5	24°54	19° 9	22°18	7°49	8°27	0° 8	18° 7	4°D 8	5°40	26°42	n.a.	W11
T 12	4 12 20	4° 6'02	21°35	3°50	26° 9	19° 6	22°21	7°45	8°29	0° 7	18° 6	4° 9	5°36	26°49	n.a.	T 12
F 13	4 16 16	5° 7'05	5♒45	2°34	27°23	19° 3	22°23	7°41	8°32	0° 5	18° 5	4°11	5°33	26°56	n.a.	F 13
S 14	4 20 13	6° 8'07	19°57	1°20	28°38	18°59	22°25	7°38	8°35	0° 4	18° 4	4°12	5°30	27° 2	n.a.	S 14
S 15	4 24 9	7° 9'07	4♓ 7	0° 9	29°53	18°54	22°27	7°34	8°39	0° 2	18° 2	4°R13	5°27	27° 9	n.a.	S 15
M16	4 28 6	8°10'06	18°15	29♏ 4	1♑ 7	18°49	22°29	7°30	8°42	0° 1	18° 1	4°13	5°24	27°16	n.a.	M16
T 17	4 32 2	9°11'03	2♈19	28° 5	2°22	18°42	22°31	7°26	8°45	29♊59	18° 0	4°11	5°21	27°22	n.a.	T 17
W18	4 35 59	10°11'58	16°17	27°13	3°36	18°35	22°32	7°22	8°48	29°58	17°59	4° 9	5°17	27°29	n.a.	W18
T 19	4 39 56	11°12'52	0♉ 6	26°30	4°50	18°27	22°34	7°18	8°51	29°56	17°58	4° 5	5°14	27°36	n.a.	T 19
F 20	4 43 52	12°13'45	13°45	25°56	6° 5	18°18	22°35	7°14	8°54	29°55	17°57	4° 2	5°11	27°42	n.a.	F 20
S 21	4 47 49	13°14'35	27°10	25°29	7°19	18° 9	22°36	7°10	8°57	29°53	17°55	3°59	5° 8	27°49	n.a.	S 21
S 22	4 51 45	14°15'25	10♊21	25°12	8°33	17°59	22°36	7° 6	9° 0	29°51	17°54	3°56	5° 5	27°56	n.a.	S 22
M23	4 55 42	15°16'13	23°17	25° 2	9°48	17°48	22°37	7° 2	9° 4	29°50	17°53	3°55	5° 2	28° 3	n.a.	M23
T 24	4 59 38	16°16'59	5♋56	25°D 0	11° 2	17°36	22°37	6°58	9° 7	29°48	17°52	3°D55	4°58	28° 9	n.a.	T 24
W25	5 3 35	17°17'44	18°21	25° 6	12°16	17°23	22°R37	6°53	9°10	29°47	17°51	3°55	4°55	28°16	n.a.	W25
T 26	5 7 31	18°18'27	0♌32	25°18	13°30	17°10	22°37	6°49	9°13	29°45	17°50	3°56	4°52	28°23	n.a.	T 26
F 27	5 11 28	19°19'09	12°33	25°37	14°45	16°56	22°37	6°44	9°17	29°43	17°49	3°58	4°49	28°29	n.a.	F 27
S 28	5 15 25	20°19'50	24°26	26° 1	15°59	16°41	22°37	6°40	9°20	29°42	17°48	3°59	4°46	28°36	n.a.	S 28
S 29	5 19 21	21°20'29	6♍17	26°31	17°13	16°25	22°36	6°35	9°23	29°40	17°47	4° 0	4°42	28°43	n.a.	S 29
M30	5 23 18	22°21'07	18°10	27° 6	18°27	16° 9	22°35	6°31	9°26	29°38	17°46	4°R 1	4°39	28°49	n.a.	M30
T 31	5 27 14	23♐21'43	0♎10	27♏45	19♑41	15♋52	22♌34	6♋26	9♑30	29♊37	17♉45	4♑ 1	4♑36	28♌56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s52	8n20	4s10	22s37	0s 9	24s 3	1s19	25n36	3n 4	15n57	1n29	24n26	0n46	24s14	0s34	23n59	0n 3	15n10	2s34	23s50	23s47	9n34		n.a.
M 2	19 8	3 29	4 43	22 23	0n 8	24 14	1 21	25 38	3 7	15 56	1 29	24 26	0 46	24 14	0 34	23 59	0 3	15 10	2 34	23 50	23 47	9 32		n.a.
T 3	19 23	1s32	5 3	22 6	0 25	24 25	1 22	25 40	3 9	15 55	1 29	24 26	0 47	24 14	0 34	23 59	0 3	15 9	2 34	23 50	23 47	9 29		n.a.
W 4	19 38	6 34	5 10	21 47	0 44	24 35	1 23	25 42	3 12	15 54	1 30	24 27	0 47	24 14	0 34	23 59	0 3	15 9	2 34	23 51	23 47	9 26		n.a.
T 5	19 53	11 27	5 3	21 26	1 3	24 43	1 25	25 44	3 14	15 53	1 30	24 27	0 47	24 14	0 34	23 59	0 3	15 9	2 34	23 51	23 47	9 23		n.a.
F 6	20 7	15 58	4 41	21 2	1 22	24 52	1 26	25 46	3 17	15 52	1 30	24 27	0 47	24 14	0 34	23 59	0 3	15 9	2 34	23 51	23 48	9 20		n.a.
S 7	20 21	19 51	4 4	20 37	1 42	24 59	1 27	25 49	3 19	15 51	1 31	24 28	0 47	24 13	0 34	23 59	0 3	15 8	2 34	23 51	23 48	9 18		n.a.
S 8	20 34	22 47	3 13	20 10	2 1	25 6	1 28	25 51	3 22	15 50	1 31	24 28	0 47	24 13	0 34	23 59	0 3	15 8	2 34	23 51	23 48	9 15		n.a.
M 9	20 47	24 29	2 10	19 42	2 19	25 11	1 29	25 54	3 24	15 50	1 31	24 29	0 48	24 13	0 34	23 59	0 3	15 8	2 34	23 52	23 48	9 12		n.a.
T 10	21 0	24 44	0 58	19 14	2 36	25 17	1 30	25 56	3 27	15 49	1 32	24 29	0 48	24 13	0 34	23 59	0 3	15 8	2 34	23 52	23 48	9 9		n.a.
W11	21 12	23 24	0n18	18 47	2 51	25 21	1 31	25 59	3 30	15 48	1 32	24 29	0 48	24 13	0 34	23 59	0 3	15 7	2 34	23 52	23 48	9 6		n.a.
T 12	21 24	20 36	1 34	18 20	3 4	25 24	1 32	26 2	3 32	15 48	1 32	24 30	0 48	24 12	0 33	23 59	0 3	15 7	2 33	23 52	23 48	9 4		n.a.
F 13	21 35	16 34	2 45	17 54	3 15	25 27	1 33	26 5	3 35	15 47	1 33	24 30	0 48	24 12	0 33	23 59	0 3	15 7	2 33	23 52	23 48	9 1		n.a.
S 14	21 46	11 34	3 45	17 31	3 24	25 29	1 34	26 8	3 37	15 47	1 33	24 30	0 48	24 12	0 33	23 59	0 3	15 6	2 33	23 52	23 49	8 58		n.a.
S 15	21 57	5 59	4 32	17 10	3 31	25 30	1 34	26 12	3 40	15 46	1 33	24 31	0 48	24 12	0 33	23 59	0 3	15 6	2 33	23 52	23 49	8 55		n.a.
M16	22 7	0 7	5 2	16 52	3 35	25 30	1 35	26 15	3 43	15 46	1 34	24 31	0 49	24 12	0 33	23 59	0 3	15 6	2 33	23 52	23 49	8 52		n.a.
T 17	22 17	5n43	5 14	16 37	3 37	25 30	1 36	26 18	3 45	15 46	1 34	24 31	0 49	24 11	0 33	23 59	0 3	15 6	2 33	23 52	23 49	8 49		n.a.
W18	22 26	11 14	5 7	16 26	3 36	25 29	1 36	26 22	3 48	15 46	1 34	24 32	0 49	24 11	0 33	23 59	0 3	15 5	2 33	23 52	23 49	8 47		n.a.
T 19	22 35	16 8	4 42	16 18	3 34	25 27	1 36	26 26	3 50	15 46	1 35	24 32	0 49	24 11	0 33	23 59	0 3	15 5	2 33	23 52	23 49	8 44		n.a.
F 20	22 43	20 7	4 2	16 13	3 31	25 24	1 37	26 29	3 53	15 45	1 35	24 33	0 49	24 11	0 33	23 59	0 3	15 5	2 33	23 52	23 49	8 41		n.a.
S 21	22 51	22 59	3 9	16 12	3 25	25 20	1 37	26 33	3 55	15 45	1 35	24 33	0 49	24 10	0 33	23 59	0 3	15 5	2 33	23 52	23 50	8 38		n.a.
S 22	22 59	24 32	2 6	16 14	3 19	25 16	1 37	26 37	3 58	15 46	1 36	24 33	0 49	24 10	0 33	23 59	0 3	15 5	2 33	23 52	23 50	8 35		n.a.
M23	23 6	24 43	0 58	16 19	3 12	25 11	1 37	26 41	4 0	15 46	1 36	24 34	0 50	24 10	0 33	23 59	0 3	15 4	2 33	23 52	23 50	8 33		n.a.
T 24	23 12	23 36	0s11	16 26	3 4	25 5	1 38	26 45	4 3	15 46	1 36	24 34	0 50	24 10	0 33	23 59	0 3	15 4	2 32	23 52	23 50	8 30		n.a.
W25	23 18	21 20	1 19	16 36	2 55	24 58	1 38	26 49	4 5	15 46	1 36	24 34	0 50	24 9	0 33	23 59	0 4	15 4	2 32	23 52	23 50	8 27		n.a.
T 26	23 24	18 8	2 22	16 48	2 45	24 50	1 37	26 53	4 7	15 46	1 37	24 35	0 50	24 9	0 33	23 59	0 4	15 4	2 32	23 52	23 50	8 24		n.a.
F 27	23 29	14 14	3 18	17 2	2 36	24 42	1 37	26 57	4 10	15 47	1 37	24 35	0 50	24 9	0 33	23 59	0 4	15 3	2 32	23 52	23 50	8 21		n.a.
S 28	23 34	9 48	4 5	17 18	2 26	24 33	1 37	27 2	4 12	15 47	1 37	24 36	0 50	24 9	0 33	23 59	0 4	15 3	2 32	23 52	23 50	8 18		n.a.
S 29	23 38	5 3	4 41	17 35	2 15	24 23	1 37	27 6	4 14	15 48	1 38	24 36	0 50	24 9	0 33	23 59	0 4	15 3	2 32	23 52	23 50	8 16		n.a.
M30	23 42	0 6	5 5	17 53	2 5	24 13	1 36	27 10	4 16	15 48	1 38	24 36	0 51	24 8	0 33	23 59	0 4	15 3	2 32	23 52	23 51	8 13		n.a.
T 31	23s45	4s53	5s16	18s12	1n55	24s 2	1s36	27n14	4n18	15n49	1n38	24n37	0n51	24s 8	0s33	23n59	0n 4	15n 3	2s32	23s52	23s51	8n10		n.a.

Julian Day Number = 980299.5, Delta T = 13h14m39s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'47, Lahiri = -31°55'46 Julian Calendar 1 Dec. 2030 BCE == Greg. Calendar 14 Nov. 2030 BCE

The year -2029 astronomical counting style corresponds to year 2030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

JANUARY 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 31 11	24♐22'17	12♎20	28♏29	20♑55	15°R35	22°R33	6°R22	9♑33	29°R35	17°R44	4°R 0	4♑33	29♌ 3	n.a.	W 1
T 2	5 35 7	25°22'51	24°47	29°16	22° 9	15♋16	22♌32	6♋17	9°36	29♊33	17♉43	3♑59	4°30	29°10	n.a.	T 2
F 3	5 39 4	26°23'22	7♏32	0♐ 7	23°23	14°58	22°30	6°12	9°40	29°32	17°42	3°58	4°27	29°16	n.a.	F 3
S 4	5 43 0	27°23'53	20°40	1° 1	24°37	14°38	22°28	6° 8	9°43	29°30	17°41	3°57	4°23	29°23	n.a.	S 4
S 5	5 46 57	28°24'21	4♐10	1°59	25°51	14°18	22°26	6° 3	9°47	29°28	17°40	3°56	4°20	29°30	n.a.	S 5
M 6	5 50 54	29°24'48	18° 2	2°59	27° 4	13°58	22°24	5°58	9°50	29°27	17°39	3°56	4°17	29°36	n.a.	M 6
T 7	5 54 50	0♑25'13	2♑14	4° 1	28°18	13°37	22°22	5°54	9°53	29°25	17°38	3°D56	4°14	29°43	n.a.	T 7
W 8	5 58 47	1°25'37	16°40	5° 6	29°32	13°15	22°19	5°49	9°57	29°23	17°37	3°56	4°11	29°50	n.a.	W 8
T 9	6 2 43	2°25'58	1♒15	6°13	0♒45	12°53	22°17	5°44	10° 0	29°22	17°37	3°56	4° 8	29°56	n.a.	T 9
F 10	6 6 40	3°26'17	15°53	7°23	1°59	12°31	22°14	5°39	10° 4	29°20	17°36	3°56	4° 4	0♍ 3	n.a.	F 10
S 11	6 10 36	4°26'34	0♓28	8°34	3°13	12° 8	22°11	5°34	10° 7	29°18	17°35	3°R56	4° 1	0°10	n.a.	S 11
S 12	6 14 33	5°26'48	14°55	9°47	4°26	11°46	22° 8	5°30	10°10	29°17	17°34	3°56	3°58	0°17	n.a.	S 12
M13	6 18 30	6°27'00	29° 9	11° 2	5°40	11°23	22° 4	5°25	10°14	29°15	17°33	3°56	3°55	0°23	n.a.	M13
T 14	6 22 26	7°27'10	13♈10	12°18	6°53	10°59	22° 1	5°20	10°17	29°13	17°33	3°D56	3°52	0°30	n.a.	T 14
W15	6 26 23	8°27'18	26°54	13°36	8° 6	10°36	21°57	5°15	10°21	29°12	17°32	3°56	3°48	0°37	n.a.	W15
T 16	6 30 19	9°27'23	10♉24	14°56	9°20	10°12	21°53	5°10	10°24	29°10	17°31	3°57	3°45	0°43	n.a.	T 16
F 17	6 34 16	10°27'26	23°38	16°17	10°33	9°49	21°49	5° 6	10°28	29° 8	17°30	3°57	3°42	0°50	n.a.	F 17
S 18	6 38 12	11°27'27	6♊39	17°39	11°46	9°25	21°45	5° 1	10°31	29° 7	17°30	3°58	3°39	0°57	n.a.	S 18
S 19	6 42 9	12°27'26	19°26	19° 3	12°59	9° 1	21°40	4°56	10°34	29° 5	17°29	3°59	3°36	1° 3	n.a.	S 19
M20	6 46 5	13°27'22	2♋ 1	20°28	14°12	8°38	21°36	4°52	10°38	29° 4	17°28	3°R59	3°33	1°10	n.a.	M20
T 21	6 50 2	14°27'16	14°24	21°55	15°25	8°14	21°31	4°47	10°41	29° 2	17°28	3°59	3°29	1°17	n.a.	T 21
W22	6 53 58	15°27'08	26°37	23°23	16°38	7°51	21°26	4°42	10°45	29° 0	17°27	3°58	3°26	1°24	n.a.	W22
T 23	6 57 55	16°26'58	8♌42	24°52	17°51	7°28	21°21	4°38	10°48	28°59	17°27	3°56	3°23	1°30	n.a.	T 23
F 24	7 1 52	17°26'46	20°40	26°22	19° 4	7° 5	21°16	4°33	10°52	28°57	17°26	3°55	3°20	1°37	n.a.	F 24
S 25	7 5 48	18°26'32	2♍33	27°53	20°17	6°43	21°10	4°28	10°55	28°56	17°26	3°52	3°17	1°44	n.a.	S 25
S 26	7 9 45	19°26'15	14°24	29°26	21°30	6°20	21° 5	4°24	10°58	28°54	17°25	3°50	3°14	1°50	n.a.	S 26
M27	7 13 41	20°25'57	26°17	1♑ 0	22°42	5°58	20°59	4°19	11° 2	28°52	17°25	3°48	3°10	1°57	n.a.	M27
T 28	7 17 38	21°25'37	8♎15	2°35	23°55	5°37	20°53	4°15	11° 5	28°51	17°24	3°47	3° 7	2° 4	n.a.	T 28
W29	7 21 34	22°25'15	20°23	4°12	25° 7	5°16	20°48	4°10	11° 9	28°49	17°24	3°D46	3° 4	2°10	n.a.	W29
T 30	7 25 31	23°24'51	2♏46	5°49	26°20	4°55	20°42	4° 6	11°12	28°48	17°23	3°46	3° 1	2°17	n.a.	T 30
F 31	7 29 27	24♑24'25	15♏28	7♑28	27♒32	4♋35	20♌35	4♋ 2	11♑15	28♊46	17♉23	3♑47	2♑58	2♍24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23 s48	9 s46	5 s14	18 s32	1n44	23 s50	1 s35	27n18	4n20	15n50	1n39	24n37	0n51	24 s 8	0 s33	23n59	0n 4	15n 2	2 s32	23 s52	23 s51	8n 7		n.a.
T 2	23 51	14 22	4 56	18 53	1 34	23 37	1 35	27 22	4 22	15 50	1 39	24 37	0 51	24 8	0 33	23 59	0 4	15 2	2 32	23 52	23 51	8 4		n.a.
F 3	23 53	18 27	4 24	19 14	1 23	23 24	1 34	27 27	4 24	15 51	1 39	24 38	0 51	24 7	0 33	23 59	0 4	15 2	2 32	23 52	23 51	8 1		n.a.
S 4	23 54	21 46	3 38	19 35	1 13	23 10	1 33	27 31	4 26	15 52	1 40	24 38	0 51	24 7	0 33	23 59	0 4	15 2	2 31	23 52	23 51	7 59		n.a.
S 5	23 55	23 59	2 38	19 57	1 3	22 55	1 32	27 35	4 28	15 53	1 40	24 38	0 51	24 7	0 33	23 59	0 4	15 2	2 31	23 52	23 51	7 56		n.a.
M 6	23 56	24 49	1 27	20 19	0 53	22 40	1 32	27 39	4 29	15 54	1 40	24 39	0 51	24 7	0 33	23 59	0 4	15 2	2 31	23 52	23 51	7 53		n.a.
T 7	23 56	24 4	0 9	20 41	0 43	22 24	1 31	27 42	4 31	15 55	1 41	24 39	0 51	24 6	0 33	23 59	0 4	15 1	2 31	23 52	23 51	7 50		n.a.
W 8	23 55	21 42	1n10	21 2	0 33	22 7	1 30	27 46	4 33	15 56	1 41	24 39	0 52	24 6	0 33	23 59	0 4	15 1	2 31	23 52	23 52	7 47		n.a.
T 9	23 54	17 55	2 26	21 24	0 24	21 50	1 28	27 50	4 34	15 58	1 41	24 40	0 52	24 6	0 33	23 59	0 4	15 1	2 31	23 52	23 52	7 44		n.a.
F 10	23 53	13 1	3 32	21 45	0 15	21 32	1 27	27 53	4 35	15 59	1 42	24 40	0 52	24 5	0 33	23 59	0 4	15 1	2 31	23 52	23 52	7 42		n.a.
S 11	23 51	7 24	4 25	22 5	0 6	21 14	1 26	27 57	4 36	16 0	1 42	24 40	0 52	24 5	0 33	23 59	0 4	15 1	2 31	23 52	23 52	7 39		n.a.
S 12	23 49	1 28	5 0	22 25	0 s 3	20 55	1 25	28 0	4 37	16 1	1 42	24 41	0 52	24 5	0 33	23 59	0 4	15 1	2 31	23 52	23 52	7 36		n.a.
M13	23 46	4n28	5 16	22 45	0 12	20 35	1 23	28 3	4 38	16 3	1 42	24 41	0 52	24 5	0 33	23 59	0 4	15 1	2 30	23 52	23 52	7 33		n.a.
T 14	23 43	10 5	5 13	23 4	0 20	20 15	1 22	28 6	4 39	16 4	1 43	24 41	0 52	24 4	0 33	23 59	0 4	15 1	2 30	23 52	23 52	7 30		n.a.
W15	23 39	15 6	4 52	23 22	0 28	19 54	1 20	28 9	4 40	16 6	1 43	24 42	0 52	24 4	0 33	23 59	0 4	15 0	2 30	23 52	23 52	7 27		n.a.
T 16	23 35	19 16	4 15	23 39	0 36	19 33	1 18	28 11	4 41	16 7	1 43	24 42	0 52	24 4	0 33	23 59	0 4	15 0	2 30	23 52	23 52	7 25		n.a.
F 17	23 30	22 22	3 26	23 56	0 44	19 11	1 17	28 14	4 41	16 9	1 44	24 42	0 53	24 4	0 33	23 59	0 4	15 0	2 30	23 52	23 52	7 22		n.a.
S 18	23 25	24 15	2 26	24 11	0 51	18 48	1 15	28 16	4 42	16 11	1 44	24 42	0 53	24 3	0 33	23 59	0 4	15 0	2 30	23 52	23 53	7 19		n.a.
S 19	23 20	24 49	1 20	24 26	0 58	18 25	1 13	28 18	4 42	16 12	1 44	24 43	0 53	24 3	0 33	23 59	0 4	15 0	2 30	23 52	23 53	7 16		n.a.
M20	23 14	24 6	0 11	24 39	1 5	18 2	1 11	28 20	4 42	16 14	1 44	24 43	0 53	24 3	0 33	23 59	0 4	15 0	2 30	23 52	23 53	7 13		n.a.
T 21	23 7	22 11	0 s57	24 51	1 11	17 38	1 9	28 22	4 42	16 16	1 45	24 43	0 53	24 3	0 33	23 59	0 4	15 0	2 30	23 52	23 53	7 10		n.a.
W22	23 1	19 16	2 2	25 2	1 17	17 14	1 7	28 23	4 42	16 18	1 45	24 43	0 53	24 2	0 33	23 59	0 4	15 0	2 29	23 52	23 53	7 8		n.a.
T 23	22 53	15 33	3 1	25 12	1 23	16 49	1 5	28 24	4 42	16 20	1 45	24 44	0 53	24 2	0 33	23 59	0 4	15 0	2 29	23 52	23 53	7 5		n.a.
F 24	22 46	11 16	3 50	25 21	1 28	16 24	1 3	28 25	4 42	16 22	1 45	24 44	0 53	24 2	0 33	23 59	0 4	15 0	2 29	23 52	23 53	7 2		n.a.
S 25	22 38	6 35	4 30	25 28	1 33	15 59	1 1	28 26	4 42	16 24	1 46	24 44	0 53	24 1	0 33	23 59	0 4	15 0	2 29	23 52	23 53	6 59		n.a.
S 26	22 29	1 42	4 58	25 34	1 38	15 33	0 58	28 27	4 41	16 26	1 46	24 44	0 53	24 1	0 33	23 59	0 4	15 0	2 29	23 52	23 53	6 56		n.a.
M27	22 20	3 s16	5 13	25 38	1 42	15 6	0 56	28 28	4 41	16 28	1 46	24 45	0 53	24 1	0 33	23 59	0 4	15 0	2 29	23 52	23 53	6 53		n.a.
T 28	22 11	8 8	5 15	25 41	1 46	14 40	0 53	28 28	4 40	16 30	1 46	24 45	0 53	24 1	0 33	23 59	0 4	15 0	2 29	23 52	23 53	6 51		n.a.
W29	22 1	12 46	5 3	25 42	1 50	14 12	0 51	28 28	4 39	16 32	1 47	24 45	0 53	24 0	0 33	23 59	0 4	15 0	2 29	23 52	23 53	6 48		n.a.
T 30	21 51	16 59	4 36	25 41	1 53	13 45	0 48	28 28	4 38	16 34	1 47	24 45	0 54	24 0	0 34	23 59	0 4	15 0	2 29	23 52	23 54	6 45		n.a.
F 31	21 s40	20 s33	3 s56	25 s39	1 s56	13 s17	0 s46	28n28	4n37	16n36	1n47	24n45	0n54	24 s 0	0 s34	23n59	0n 4	15n 0	2 s28	23 s52	23 s54	6n42		n.a.

Julian Day Number = 980330.5, Delta T = 13h14m37s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'42, Lahiri = -31°55'42 Julian Calendar 1 Jan. 2029 BCE == Greg. Calendar 15 Dec. 2030 BCE

The year -2028 astronomical counting style corresponds to year 2029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

FEBRUARY 2029 BCE (-2028) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 33 24	25♒23'57	28♏32	9♒ 8	28♒44	4°R16	20°R29	3°R57	11♒19	28°R45	17°R22	3♒49	2♒54	2♍31	n.a.	S 1
S 2	7 37 21	26°23'28	12♐ 1	10°49	29°57	3♋57	20♌23	3♋53	11°22	28♊44	17♉22	3°50	2°51	2°37	n.a.	S 2
M 3	7 41 17	27°22'56	25°57	12°32	1♓ 9	3°38	20°16	3°49	11°25	28°42	17°22	3°51	2°48	2°44	n.a.	M 3
T 4	7 45 14	28°22'22	10♒19	14°15	2°21	3°21	20°10	3°45	11°29	28°41	17°21	3°R51	2°45	2°51	n.a.	T 4
W 5	7 49 10	29°21'47	25° 1	16° 0	3°33	3° 3	20° 3	3°41	11°32	28°39	17°21	3°50	2°42	2°57	n.a.	W 5
T 6	7 53 7	0♒21'09	9♒59	17°47	4°45	2°47	19°56	3°37	11°35	28°38	17°21	3°48	2°39	3° 4	n.a.	T 6
F 7	7 57 3	1°20'28	25° 2	19°34	5°57	2°31	19°49	3°33	11°39	28°37	17°21	3°44	2°35	3°11	n.a.	F 7
S 8	8 1 0	2°19'45	10♓ 3	21°23	7° 9	2°16	19°42	3°29	11°42	28°35	17°20	3°40	2°32	3°18	n.a.	S 8
S 9	8 4 56	3°19'00	24°52	23°13	8°20	2° 2	19°35	3°25	11°45	28°34	17°20	3°36	2°29	3°24	n.a.	S 9
M10	8 8 53	4°18'12	9♈23	25° 5	9°32	1°49	19°28	3°21	11°48	28°33	17°20	3°33	2°26	3°31	n.a.	M10
T 11	8 12 49	5°17'22	23°31	26°58	10°43	1°36	19°21	3°17	11°52	28°31	17°20	3°31	2°23	3°38	n.a.	T 11
W12	8 16 46	6°16'29	7♉17	28°52	11°55	1°24	19°14	3°14	11°55	28°30	17°20	3°D31	2°20	3°44	n.a.	W12
T 13	8 20 43	7°15'34	20°39	0♒47	13° 6	1°13	19° 6	3°10	11°58	28°29	17°20	3°31	2°16	3°51	n.a.	T 13
F 14	8 24 39	8°14'37	3♊41	2°44	14°17	1° 2	18°59	3° 7	12° 1	28°28	17°20	3°33	2°13	3°58	n.a.	F 14
S 15	8 28 36	9°13'36	16°25	4°42	15°29	0°53	18°51	3° 3	12° 4	28°26	17°20	3°34	2°10	4° 4	n.a.	S 15
S 16	8 32 32	10°12'34	28°54	6°41	16°40	0°44	18°44	3° 0	12° 8	28°25	17°D20	3°R35	2° 7	4°11	n.a.	S 16
M17	8 36 29	11°11'29	11♋12	8°42	17°51	0°36	18°36	2°57	12°11	28°24	17°20	3°35	2° 4	4°18	n.a.	M17
T 18	8 40 25	12°10'22	23°21	10°43	19° 2	0°29	18°29	2°54	12°14	28°23	17°20	3°33	2° 0	4°25	n.a.	T 18
W19	8 44 22	13° 9'12	5♌23	12°46	20°12	0°22	18°21	2°51	12°17	28°22	17°20	3°29	1°57	4°31	n.a.	W19
T 20	8 48 18	14° 8'00	17°20	14°49	21°23	0°16	18°13	2°48	12°20	28°21	17°20	3°24	1°54	4°38	n.a.	T 20
F 21	8 52 15	15° 6'46	29°14	16°53	22°33	0°12	18° 6	2°45	12°23	28°20	17°20	3°16	1°51	4°45	n.a.	F 21
S 22	8 56 11	16° 5'30	11♍ 6	18°58	23°44	0° 8	17°58	2°42	12°26	28°19	17°20	3° 8	1°48	4°51	n.a.	S 22
S 23	9 0 8	17° 4'12	22°58	21° 3	24°54	0° 4	17°50	2°39	12°29	28°18	17°20	3° 0	1°45	4°58	n.a.	S 23
M24	9 4 5	18° 2'52	4♎52	23° 8	26° 4	0° 2	17°43	2°36	12°32	28°17	17°20	2°53	1°41	5° 5	n.a.	M24
T 25	9 8 1	19° 1'30	16°52	25°13	27°15	29♊59	17°35	2°34	12°35	28°16	17°20	2°46	1°38	5°12	n.a.	T 25
W26	9 11 58	20° 0'06	29° 0	27°18	28°25	29°59	17°27	2°31	12°38	28°15	17°21	2°42	1°35	5°18	n.a.	W26
T 27	9 15 54	20°58'40	11♏21	29°22	29°34	29°D59	17°20	2°29	12°40	28°14	17°21	2°40	1°32	5°25	n.a.	T 27
F 28	9 19 51	21°57'13	23°58	1♓25	0♈44	29°59	17°12	2°27	12°43	28°13	17°21	2°D39	1°29	5°32	n.a.	F 28
S 29	9 23 47	22♒55'43	6♐56	3♓27	1♈54	0♋ 0	17♌ 4	2♋25	12♒46	28♊12	17♉21	2♒40	1♒26	5♍38	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21 s29	23 s12	3 s 3	25 s35	1 s59	12 s49	0 s43	28n27	4n36	16n39	1n47	24n46	0n54	23 s59	0 s34	23n59	0n 4	15n 0	2 s28	23 s52	23 s54	6n39		n.a.
S 2	21 18	24 38	1 57	25 29	2 1	12 21	0 40	28 27	4 35	16 41	1 47	24 46	0 54	23 59	0 34	23 59	0 4	15 0	2 28	23 52	23 54	6 36		n.a.
M 3	21 6	24 35	0 43	25 21	2 2	11 52	0 37	28 26	4 34	16 43	1 48	24 46	0 54	23 59	0 34	23 59	0 4	15 0	2 28	23 52	23 54	6 34		n.a.
T 4	20 54	22 56	0n35	25 11	2 3	11 23	0 35	28 25	4 33	16 46	1 48	24 46	0 54	23 59	0 34	23 59	0 4	15 0	2 28	23 52	23 54	6 31		n.a.
W 5	20 42	19 42	1 54	25 0	2 4	10 54	0 32	28 25	4 31	16 48	1 48	24 46	0 54	23 58	0 34	23 59	0 4	15 0	2 28	23 52	23 54	6 28		n.a.
T 6	20 29	15 8	3 5	24 46	2 4	10 24	0 29	28 23	4 30	16 50	1 48	24 47	0 54	23 58	0 34	23 59	0 4	15 0	2 28	23 52	23 54	6 25		n.a.
F 7	20 16	9 36	4 5	24 31	2 4	9 55	0 26	28 22	4 28	16 53	1 48	24 47	0 54	23 58	0 34	23 59	0 4	15 0	2 28	23 52	23 54	6 22		n.a.
S 8	20 2	3 32	4 47	24 13	2 3	9 25	0 23	28 21	4 27	16 55	1 49	24 47	0 54	23 58	0 34	23 59	0 4	15 0	2 28	23 53	23 54	6 19		n.a.
S 9	19 49	2n38	5 9	23 53	2 2	8 55	0 20	28 20	4 25	16 58	1 49	24 47	0 54	23 57	0 34	23 59	0 4	15 0	2 27	23 53	23 54	6 17		n.a.
M10	19 34	8 32	5 11	23 31	2 0	8 24	0 16	28 18	4 23	17 0	1 49	24 47	0 54	23 57	0 34	23 59	0 4	15 0	2 27	23 53	23 54	6 14		n.a.
T 11	19 20	13 51	4 54	23 7	1 58	7 54	0 13	28 16	4 21	17 2	1 49	24 47	0 54	23 57	0 34	23 59	0 4	15 0	2 27	23 53	23 54	6 11		n.a.
W12	19 5	18 18	4 20	22 41	1 55	7 23	0 10	28 15	4 20	17 5	1 49	24 47	0 54	23 56	0 34	23 59	0 4	15 0	2 27	23 53	23 54	6 8		n.a.
T 13	18 50	21 42	3 33	22 12	1 52	6 52	0 7	28 13	4 18	17 7	1 49	24 48	0 54	23 56	0 34	23 59	0 4	15 0	2 27	23 53	23 54	6 5		n.a.
F 14	18 34	23 52	2 36	21 42	1 48	6 21	0 3	28 11	4 16	17 10	1 49	24 48	0 54	23 56	0 34	23 59	0 4	15 0	2 27	23 53	23 54	6 2		n.a.
S 15	18 19	24 45	1 32	21 9	1 43	5 50	0 0	28 9	4 14	17 12	1 49	24 48	0 54	23 56	0 34	23 59	0 4	15 0	2 27	23 53	23 55	5 59		n.a.
S 16	18 3	24 21	0 26	20 34	1 38	5 19	0n 3	28 7	4 12	17 15	1 50	24 48	0 54	23 55	0 34	23 59	0 4	15 1	2 27	23 53	23 55	5 57		n.a.
M17	17 46	22 45	0 s41	19 56	1 33	4 48	0 7	28 5	4 10	17 17	1 50	24 48	0 54	23 55	0 34	23 59	0 4	15 1	2 26	23 53	23 55	5 54		n.a.
T 18	17 30	20 8	1 45	19 17	1 26	4 16	0 10	28 3	4 8	17 20	1 50	24 48	0 54	23 55	0 34	23 59	0 4	15 1	2 26	23 53	23 55	5 51		n.a.
W19	17 13	16 40	2 44	18 35	1 19	3 45	0 14	28 1	4 6	17 22	1 50	24 48	0 55	23 54	0 34	23 59	0 4	15 1	2 26	23 53	23 55	5 48		n.a.
T 20	16 55	12 33	3 35	17 52	1 12	3 13	0 17	27 59	4 4	17 25	1 50	24 48	0 55	23 54	0 34	23 59	0 4	15 1	2 26	23 53	23 55	5 45		n.a.
F 21	16 38	7 59	4 16	17 6	1 4	2 42	0 21	27 57	4 1	17 27	1 50	24 48	0 55	23 54	0 34	23 59	0 4	15 1	2 26	23 53	23 55	5 42		n.a.
S 22	16 20	3 9	4 46	16 19	0 56	2 10	0 24	27 55	3 59	17 30	1 50	24 49	0 55	23 54	0 34	23 59	0 4	15 1	2 26	23 53	23 55	5 40		n.a.
S 23	16 2	1 s47	5 3	15 30	0 46	1 38	0 28	27 53	3 57	17 32	1 50	24 49	0 55	23 53	0 34	23 59	0 4	15 1	2 26	23 54	23 55	5 37		n.a.
M24	15 44	6 40	5 8	14 40	0 37	1 7	0 32	27 51	3 55	17 35	1 50	24 49	0 55	23 53	0 34	23 59	0 4	15 2	2 26	23 54	23 55	5 34		n.a.
T 25	15 25	11 20	4 59	13 48	0 27	0 35	0 35	27 48	3 53	17 37	1 50	24 49	0 55	23 53	0 34	23 59	0 4	15 2	2 26	23 54	23 55	5 31		n.a.
W26	15 7	15 38	4 36	12 55	0 17	0 3	0 39	27 46	3 51	17 40	1 50	24 49	0 55	23 53	0 34	23 59	0 4	15 2	2 25	23 54	23 55	5 28		n.a.
T 27	14 48	19 21	4 1	12 1	0 6	0n28	0 43	27 44	3 48	17 42	1 50	24 49	0 55	23 52	0 34	23 59	0 4	15 2	2 25	23 54	23 55	5 25		n.a.
F 28	14 28	22 15	3 13	11 6	0n 5	1 0	0 46	27 42	3 46	17 44	1 50	24 49	0 55	23 52	0 34	23 59	0 4	15 2	2 25	23 54	23 55	5 23		n.a.
S 29	14 s 9	24 s 7	2 s14	10 s11	0n17	1n32	0n50	27n40	3n44	17n47	1n50	24n49	0n55	23 s52	0 s34	23n59	0n 4	15n 3	2 s25	23 s54	23 s55	5n20		n.a.

Julian Day Number = 980361.5, Delta T = 13h14m35s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'38, Lahiri = -31°55'38 Julian Calendar 1 Feb. 2029 BCE == Greg. Calendar 15 Jan. 2029 BCE

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

MARCH 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 27 44	23♒54'12	20♐18	5♓27	3♈ 3	0♋ 2	16°R57	2°R22	12♑49	28°R12	17♉22	2♑41	1♑22	5♍45	n.a.	S 1
M 2	9 31 40	24°52'39	4♑ 8	7°26	4°13	0° 5	16♌49	2♋20	12°52	28♊11	17°22	2°R41	1°19	5°52	n.a.	M 2
T 3	9 35 37	25°51'05	18°26	9°21	5°22	0° 8	16°41	2°18	12°54	28°10	17°22	2°40	1°16	5°59	n.a.	T 3
W 4	9 39 33	26°49'28	3♒ 9	11°15	6°31	0°13	16°34	2°17	12°57	28° 9	17°23	2°37	1°13	6° 5	n.a.	W 4
T 5	9 43 30	27°47'50	18°13	13° 5	7°40	0°17	16°27	2°15	13° 0	28° 9	17°23	2°32	1°10	6°12	n.a.	T 5
F 6	9 47 27	28°46'09	3♓29	14°52	8°49	0°23	16°19	2°13	13° 2	28° 8	17°24	2°24	1° 6	6°19	n.a.	F 6
S 7	9 51 23	29°44'27	18°46	16°36	9°58	0°29	16°12	2°12	13° 5	28° 7	17°24	2°16	1° 3	6°25	n.a.	S 7
S 8	9 55 20	0♓42'42	3♈53	18°16	11° 7	0°36	16° 4	2°10	13° 8	28° 7	17°25	2° 7	1° 0	6°32	n.a.	S 8
M 9	9 59 16	1°40'55	18°40	19°51	12°15	0°43	15°57	2° 9	13°10	28° 6	17°25	2° 0	0°57	6°39	n.a.	M 9
T 10	10 3 13	2°39'06	3♉ 1	21°23	13°23	0°51	15°50	2° 8	13°13	28° 6	17°26	1°54	0°54	6°46	n.a.	T 10
W11	10 7 9	3°37'15	16°55	22°51	14°32	1° 0	15°43	2° 7	13°15	28° 5	17°26	1°51	0°51	6°52	n.a.	W11
T 12	10 11 6	4°35'22	0♊20	24°14	15°40	1°10	15°36	2° 6	13°18	28° 5	17°27	1°D49	0°47	6°59	n.a.	T 12
F 13	10 15 2	5°33'27	13°19	25°33	16°48	1°20	15°29	2° 5	13°20	28° 4	17°27	1°50	0°44	7° 6	n.a.	F 13
S 14	10 18 59	6°31'30	25°57	26°47	17°55	1°30	15°22	2° 4	13°22	28° 4	17°28	1°R50	0°41	7°12	n.a.	S 14
S 15	10 22 55	7°29'30	8♋19	27°57	19° 3	1°41	15°16	2° 3	13°25	28° 3	17°29	1°50	0°38	7°19	n.a.	S 15
M16	10 26 52	8°27'29	20°27	29° 2	20°10	1°53	15° 9	2° 3	13°27	28° 3	17°29	1°48	0°35	7°26	n.a.	M16
T 17	10 30 49	9°25'25	2♌27	0♈ 2	21°18	2° 5	15° 3	2° 2	13°29	28° 3	17°30	1°44	0°31	7°33	n.a.	T 17
W18	10 34 45	10°23'20	14°22	0°57	22°25	2°18	14°56	2° 2	13°32	28° 3	17°31	1°38	0°28	7°39	n.a.	W18
T 19	10 38 42	11°21'12	26°14	1°47	23°31	2°32	14°50	2° 2	13°34	28° 2	17°31	1°28	0°25	7°46	n.a.	T 19
F 20	10 42 38	12°19'03	8♍ 5	2°32	24°38	2°46	14°44	2° 1	13°36	28° 2	17°32	1°17	0°22	7°53	n.a.	F 20
S 21	10 46 35	13°16'52	19°58	3°12	25°45	3° 0	14°38	2°D 1	13°38	28° 2	17°33	1° 4	0°19	7°59	n.a.	S 21
S 22	10 50 31	14°14'39	1♎53	3°47	26°51	3°15	14°32	2° 1	13°40	28° 2	17°34	0°51	0°16	8° 6	n.a.	S 22
M23	10 54 28	15°12'25	13°53	4°16	27°57	3°30	14°26	2° 2	13°42	28° 2	17°34	0°39	0°12	8°13	n.a.	M23
T 24	10 58 24	16°10'10	25°58	4°41	29° 3	3°46	14°20	2° 2	13°44	28° 2	17°35	0°28	0° 9	8°20	n.a.	T 24
W25	11 2 21	17° 7'53	8♏11	5° 0	0♉ 9	4° 3	14°15	2° 2	13°46	28° 1	17°36	0°20	0° 6	8°26	n.a.	W25
T 26	11 6 17	18° 5'34	20°34	5°14	1°14	4°20	14° 9	2° 3	13°48	28°D 1	17°37	0°15	0° 3	8°33	n.a.	T 26
F 27	11 10 14	19° 3'14	3♐12	5°23	2°19	4°37	14° 4	2° 3	13°50	28° 1	17°38	0°12	29♐59	8°40	n.a.	F 27
S 28	11 14 11	20° 0'54	16° 7	5°R27	3°25	4°55	13°59	2° 4	13°52	28° 1	17°39	0°D12	29°57	8°46	n.a.	S 28
S 29	11 18 7	20°58'32	29°24	5°26	4°29	5°13	13°54	2° 5	13°54	28° 2	17°40	0°R12	29°53	8°53	n.a.	S 29
M30	11 22 4	21°56'08	13♑ 5	5°20	5°34	5°32	13°49	2° 5	13°55	28° 2	17°40	0°11	29°50	9° 0	n.a.	M30
T 31	11 26 0	22♓53'44	27♑13	5♈10	6♉38	5♋51	13♌45	2♋ 6	13♑57	28♊ 2	17♉41	0♑ 9	29♐47	9♍ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s49	24s40	1s 6	9s16	0n28	2n 3	0n54	27n37	3n42	17n49	1n50	24n49	0n55	23s52	0s34	23n59	0n 4	15n 3	2s25	23s54	23s55	5n17		n.a.
M 2	13 30	23 44	0n 8	8 21	0 40	2 35	0 57	27 35	3 39	17 52	1 50	24 49	0 55	23 51	0 34	23 59	0 4	15 3	2 25	23 54	23 55	5 14		n.a.
T 3	13 10	21 15	1 24	7 26	0 51	3 6	1 1	27 33	3 37	17 54	1 50	24 49	0 55	23 51	0 34	23 59	0 4	15 3	2 25	23 54	23 55	5 11		n.a.
W 4	12 49	17 19	2 36	6 32	1 3	3 38	1 5	27 31	3 35	17 56	1 50	24 49	0 55	23 51	0 34	23 59	0 4	15 3	2 25	23 54	23 55	5 8		n.a.
T 5	12 29	12 12	3 39	5 38	1 14	4 9	1 8	27 28	3 33	17 58	1 50	24 49	0 55	23 51	0 34	23 59	0 4	15 4	2 24	23 54	23 55	5 6		n.a.
F 6	12 8	6 17	4 27	4 46	1 25	4 40	1 12	27 26	3 31	18 1	1 50	24 49	0 55	23 50	0 34	23 59	0 4	15 4	2 24	23 54	23 55	5 3		n.a.
S 7	11 48	0n 0	4 57	3 55	1 36	5 11	1 16	27 24	3 28	18 3	1 50	24 49	0 55	23 50	0 34	23 59	0 4	15 4	2 24	23 54	23 55	5 0		n.a.
S 8	11 27	6 13	5 5	3 6	1 47	5 42	1 19	27 22	3 26	18 5	1 50	24 49	0 55	23 50	0 34	23 59	0 4	15 4	2 24	23 55	23 55	4 57		n.a.
M 9	11 6	11 56	4 52	2 19	1 57	6 12	1 23	27 19	3 24	18 7	1 50	24 49	0 55	23 50	0 34	23 59	0 4	15 5	2 24	23 55	23 55	4 54		n.a.
T 10	10 44	16 51	4 21	1 33	2 6	6 43	1 27	27 17	3 22	18 9	1 50	24 49	0 55	23 49	0 34	23 59	0 4	15 5	2 24	23 55	23 55	4 51		n.a.
W11	10 23	20 40	3 36	0 50	2 15	7 13	1 30	27 15	3 20	18 11	1 50	24 49	0 55	23 49	0 34	23 59	0 4	15 5	2 24	23 55	23 55	4 49		n.a.
T 12	10 1	23 14	2 40	0 9	2 24	7 44	1 34	27 13	3 17	18 14	1 50	24 49	0 55	23 49	0 34	23 59	0 4	15 5	2 24	23 55	23 55	4 46		n.a.
F 13	9 40	24 28	1 37	0n30	2 31	8 14	1 38	27 10	3 15	18 16	1 50	24 50	0 55	23 49	0 34	23 59	0 5	15 6	2 24	23 55	23 56	4 43		n.a.
S 14	9 18	24 23	0 31	1 7	2 38	8 43	1 41	27 8	3 13	18 18	1 49	24 50	0 55	23 49	0 34	23 59	0 5	15 6	2 23	23 55	23 56	4 40		n.a.
S 15	8 56	23 5	0s34	1 40	2 44	9 13	1 45	27 6	3 11	18 19	1 49	24 50	0 55	23 48	0 34	23 59	0 5	15 6	2 23	23 55	23 56	4 37		n.a.
M16	8 34	20 44	1 37	2 11	2 50	9 42	1 48	27 4	3 9	18 21	1 49	24 50	0 55	23 48	0 34	23 59	0 5	15 6	2 23	23 55	23 56	4 34		n.a.
T 17	8 12	17 30	2 35	2 40	2 54	10 11	1 52	27 1	3 7	18 23	1 49	24 50	0 55	23 48	0 34	23 59	0 5	15 7	2 23	23 55	23 56	4 31		n.a.
W18	7 49	13 35	3 26	3 5	2 58	10 40	1 55	26 59	3 5	18 25	1 49	24 50	0 55	23 48	0 35	23 59	0 5	15 7	2 23	23 55	23 56	4 29		n.a.
T 19	7 27	9 10	4 7	3 28	3 0	11 9	1 59	26 57	3 3	18 27	1 49	24 50	0 55	23 48	0 35	23 59	0 5	15 7	2 23	23 55	23 56	4 26		n.a.
F 20	7 5	4 26	4 37	3 48	3 2	11 37	2 2	26 54	3 0	18 28	1 49	24 50	0 55	23 47	0 35	23 59	0 5	15 8	2 23	23 55	23 56	4 23		n.a.
S 21	6 42	0s28	4 55	4 5	3 3	12 5	2 5	26 52	2 58	18 30	1 49	24 50	0 55	23 47	0 35	23 59	0 5	15 8	2 23	23 55	23 56	4 20		n.a.
S 22	6 19	5 21	5 1	4 18	3 2	12 33	2 9	26 50	2 56	18 32	1 48	24 50	0 55	23 47	0 35	23 59	0 5	15 8	2 23	23 55	23 56	4 17		n.a.
M23	5 57	10 4	4 53	4 29	3 1	13 0	2 12	26 47	2 54	18 33	1 48	24 50	0 55	23 47	0 35	23 59	0 5	15 9	2 22	23 56	23 56	4 14		n.a.
T 24	5 34	14 26	4 32	4 36	2 58	13 27	2 15	26 45	2 52	18 35	1 48	24 50	0 55	23 47	0 35	23 59	0 5	15 9	2 22	23 56	23 56	4 12		n.a.
W25	5 11	18 16	3 58	4 41	2 54	13 54	2 18	26 42	2 50	18 36	1 48	24 50	0 55	23 46	0 35	23 59	0 5	15 9	2 22	23 56	23 56	4 9		n.a.
T 26	4 48	21 21	3 13	4 42	2 49	14 21	2 22	26 40	2 48	18 38	1 48	24 50	0 55	23 46	0 35	23 59	0 5	15 10	2 22	23 56	23 56	4 6		n.a.
F 27	4 25	23 28	2 18	4 40	2 43	14 47	2 25	26 37	2 46	18 39	1 48	24 50	0 55	23 46	0 35	23 59	0 5	15 10	2 22	23 56	23 56	4 3		n.a.
S 28	4 2	24 25	1 14	4 35	2 36	15 13	2 28	26 34	2 45	18 41	1 47	24 50	0 55	23 46	0 35	23 59	0 5	15 10	2 22	23 56	23 56	4 0		n.a.
S 29	3 39	24 0	0 4	4 27	2 27	15 38	2 30	26 32	2 43	18 42	1 47	24 49	0 55	23 46	0 35	23 59	0 5	15 11	2 22	23 56	23 56	3 57		n.a.
M30	3 16	22 9	1n 8	4 16	2 18	16 3	2 33	26 29	2 41	18 43	1 47	24 49	0 55	23 46	0 35	23 59	0 5	15 11	2 22	23 56	23 56	3 55		n.a.
T 31	2s53	18s54	2n18	4n 2	2n 7	16n27	2n36	26n26	2n39	18n44	1n47	24n49	0n55	23s45	0s35	23n59	0n 5	15n12	2s22	23s56	23s56	3n52		n.a.

Julian Day Number = 980390.5, Delta T = 13h14m33s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'34, Lahiri = -31°55'34 Julian Calendar 1 March 2029 BCE == Greg. Calendar 13 Feb. 2029 BCE

The year -2028 astronomical counting style corresponds to year 2029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

APRIL 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 29 57	23♓51'18	11♒46	4°R56	7♉43	6♋10	13°R40	2♋ 7	13♏59	28♊ 2	17♉42	0°R 5	29♐44	9♍13	n.a.	W 1
T 2	11 33 53	24°48'52	26°42	4♈37	8°47	6°30	13♌36	2° 9	14° 0	28° 2	17°43	29♐58	29°41	9°20	n.a.	T 2
F 3	11 37 50	25°46'23	11♓53	4°15	9°50	6°50	13°32	2°10	14° 2	28° 2	17°44	29°49	29°37	9°27	n.a.	F 3
S 4	11 41 46	26°43'54	27° 9	3°49	10°54	7°11	13°28	2°11	14° 3	28° 3	17°45	29°38	29°34	9°33	n.a.	S 4
S 5	11 45 43	27°41'23	12♈19	3°21	11°57	7°32	13°24	2°13	14° 5	28° 3	17°46	29°27	29°31	9°40	n.a.	S 5
M 6	11 49 40	28°38'51	27°13	2°50	13° 0	7°53	13°20	2°14	14° 6	28° 3	17°48	29°17	29°28	9°47	n.a.	M 6
T 7	11 53 36	29°36'18	11♉42	2°17	14° 3	8°15	13°17	2°16	14° 8	28° 4	17°49	29°10	29°25	9°54	n.a.	T 7
W 8	11 57 33	0♈33'43	25°43	1°44	15° 5	8°38	13°13	2°18	14° 9	28° 4	17°50	29° 5	29°22	10° 0	n.a.	W 8
T 9	12 1 29	1°31'07	9♊14	1° 9	16° 7	9° 0	13°10	2°20	14°11	28° 5	17°51	29° 2	29°18	10° 7	n.a.	T 9
F 10	12 5 26	2°28'30	22°18	0°35	17° 9	9°23	13° 7	2°22	14°12	28° 5	17°52	29° 1	29°15	10°14	n.a.	F 10
S 11	12 9 22	3°25'51	4♋57	0° 1	18°10	9°46	13° 4	2°24	14°13	28° 6	17°53	29° 1	29°12	10°20	n.a.	S 11
S 12	12 13 19	4°23'11	17°18	29♓29	19°11	10°10	13° 2	2°26	14°14	28° 6	17°54	29° 1	29° 9	10°27	n.a.	S 12
M13	12 17 15	5°20'29	29°24	28°58	20°12	10°34	12°59	2°28	14°15	28° 7	17°55	28°59	29° 6	10°34	n.a.	M13
T 14	12 21 12	6°17'46	11♌21	28°29	21°13	10°58	12°57	2°31	14°16	28° 7	17°57	28°55	29° 2	10°41	n.a.	T 14
W15	12 25 9	7°15'02	23°13	28° 3	22°13	11°22	12°55	2°33	14°17	28° 8	17°58	28°48	28°59	10°47	n.a.	W15
T 16	12 29 5	8°12'16	5♍ 3	27°40	23°12	11°47	12°53	2°36	14°18	28° 8	17°59	28°39	28°56	10°54	n.a.	T 16
F 17	12 33 2	9° 9'30	16°56	27°21	24°12	12°12	12°51	2°38	14°19	28° 9	18° 0	28°27	28°53	11° 1	n.a.	F 17
S 18	12 36 58	10° 6'42	28°52	27° 5	25°11	12°38	12°49	2°41	14°20	28°10	18° 1	28°14	28°50	11° 7	n.a.	S 18
S 19	12 40 55	11° 3'54	10♎53	26°53	26° 9	13° 4	12°48	2°44	14°21	28°11	18° 3	28° 1	28°47	11°14	n.a.	S 19
M20	12 44 51	12° 1'04	23° 1	26°46	27° 8	13°30	12°47	2°47	14°22	28°11	18° 4	27°48	28°43	11°21	n.a.	M20
T 21	12 48 48	12°58'14	5♏16	26°D42	28° 5	13°56	12°45	2°50	14°23	28°12	18° 5	27°38	28°40	11°28	n.a.	T 21
W22	12 52 44	13°55'24	17°40	26°44	29° 3	14°22	12°45	2°53	14°23	28°13	18° 7	27°30	28°37	11°34	n.a.	W22
T 23	12 56 41	14°52'33	0♐14	26°49	29°59	14°49	12°44	2°56	14°24	28°14	18° 8	27°24	28°34	11°41	n.a.	T 23
F 24	13 0 38	15°49'41	13° 1	26°59	0♊56	15°16	12°43	2°59	14°25	28°15	18° 9	27°22	28°31	11°48	n.a.	F 24
S 25	13 4 34	16°46'49	26° 1	27°14	1°52	15°44	12°43	3° 3	14°25	28°16	18°11	27°D21	28°28	11°54	n.a.	S 25
S 26	13 8 31	17°43'56	9♑19	27°34	2°47	16°11	12°D43	3° 6	14°26	28°17	18°12	27°21	28°24	12° 1	n.a.	S 26
M27	13 12 27	18°41'04	22°57	27°57	3°42	16°39	12°43	3°10	14°26	28°18	18°13	27°R21	28°21	12° 8	n.a.	M27
T 28	13 16 24	19°38'11	6♒56	28°25	4°37	17° 7	12°43	3°13	14°27	28°19	18°15	27°20	28°18	12°15	n.a.	T 28
W29	13 20 20	20°35'17	21°16	28°58	5°30	17°36	12°43	3°17	14°27	28°20	18°16	27°17	28°15	12°21	n.a.	W29
T 30	13 24 17	21♈32'24	5♓55	29♓35	6♊24	18♋ 4	12♌44	3♋21	14♏27	28♊21	18♉17	27♐11	28♐12	12♍28	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s29	14s24	3n21	3n45	1n55	16n52	2n39	26n24	2n37	18n45	1n47	24n49	0n55	23s45	0s35	23n59	0n 5	15n12	2s21	23s56	23s56	3n49		n.a.
T 2	2 6	8 56	4 12	3 26	1 43	17 15	2 42	26 21	2 35	18 47	1 46	24 49	0 55	23 45	0 35	23 59	0 5	15 12	2 21	23 56	23 56	3 46		n.a.
F 3	1 43	2 51	4 46	3 4	1 29	17 39	2 44	26 18	2 33	18 48	1 46	24 49	0 55	23 45	0 35	23 59	0 5	15 13	2 21	23 56	23 56	3 43		n.a.
S 4	1 19	3n25	5 0	2 41	1 14	18 2	2 47	26 15	2 31	18 49	1 46	24 49	0 55	23 45	0 35	23 59	0 5	15 13	2 21	23 56	23 56	3 41		n.a.
S 5	0 56	9 26	4 53	2 15	0 59	18 24	2 49	26 12	2 30	18 49	1 46	24 49	0 55	23 45	0 35	24 0	0 5	15 13	2 21	23 56	23 56	3 38		n.a.
M 6	0 33	14 48	4 26	1 48	0 43	18 46	2 51	26 9	2 28	18 50	1 45	24 49	0 55	23 45	0 35	24 0	0 5	15 14	2 21	23 56	23 56	3 35		n.a.
T 7	0 10	19 10	3 42	1 20	0 27	19 8	2 54	26 5	2 26	18 51	1 45	24 49	0 55	23 45	0 35	24 0	0 5	15 14	2 21	23 55	23 56	3 32		n.a.
W 8	0n14	22 16	2 46	0 51	0 10	19 29	2 56	26 2	2 24	18 52	1 45	24 49	0 55	23 44	0 35	24 0	0 5	15 15	2 21	23 55	23 56	3 29		n.a.
T 9	0 37	23 58	1 43	0 22	0s 7	19 50	2 58	25 59	2 22	18 53	1 45	24 49	0 55	23 44	0 35	24 0	0 5	15 15	2 21	23 55	23 56	3 26		n.a.
F 10	1 0	24 17	0 36	0s 8	0 24	20 10	3 0	25 56	2 21	18 53	1 45	24 49	0 55	23 44	0 35	24 0	0 5	15 15	2 21	23 55	23 56	3 24		n.a.
S 11	1 23	23 19	0s31	0 37	0 41	20 29	3 1	25 52	2 19	18 54	1 44	24 49	0 55	23 44	0 35	24 0	0 5	15 16	2 20	23 55	23 55	3 21		n.a.
S 12	1 47	21 13	1 35	1 5	0 57	20 48	3 3	25 48	2 17	18 54	1 44	24 49	0 55	23 44	0 35	24 0	0 5	15 16	2 20	23 55	23 55	3 18		n.a.
M13	2 10	18 12	2 33	1 32	1 13	21 7	3 5	25 45	2 15	18 55	1 44	24 49	0 55	23 44	0 35	24 0	0 5	15 17	2 20	23 55	23 55	3 15		n.a.
T 14	2 33	14 28	3 24	1 58	1 29	21 25	3 6	25 41	2 14	18 55	1 44	24 49	0 55	23 44	0 35	24 0	0 5	15 17	2 20	23 55	23 55	3 12		n.a.
W15	2 56	10 12	4 5	2 22	1 44	21 43	3 8	25 37	2 12	18 56	1 43	24 49	0 55	23 44	0 35	24 0	0 5	15 18	2 20	23 55	23 55	3 9		n.a.
T 16	3 19	5 35	4 36	2 44	1 58	22 0	3 9	25 33	2 10	18 56	1 43	24 49	0 55	23 44	0 35	24 0	0 5	15 18	2 20	23 55	23 55	3 7		n.a.
F 17	3 42	0 46	4 54	3 4	2 11	22 16	3 10	25 29	2 9	18 56	1 43	24 49	0 55	23 44	0 35	24 0	0 5	15 18	2 20	23 55	23 55	3 4		n.a.
S 18	4 5	4s 7	5 0	3 22	2 23	22 32	3 11	25 25	2 7	18 57	1 43	24 49	0 55	23 44	0 36	24 0	0 5	15 19	2 20	23 55	23 55	3 1		n.a.
S 19	4 28	8 52	4 53	3 37	2 35	22 48	3 12	25 21	2 6	18 57	1 42	24 49	0 55	23 44	0 36	24 0	0 5	15 19	2 20	23 55	23 55	2 58		n.a.
M20	4 51	13 19	4 32	3 49	2 45	23 2	3 13	25 17	2 4	18 57	1 42	24 49	0 55	23 43	0 36	24 0	0 5	15 20	2 20	23 55	23 55	2 55		n.a.
T 21	5 13	17 17	3 59	3 59	2 54	23 17	3 14	25 12	2 2	18 57	1 42	24 48	0 55	23 43	0 36	24 0	0 5	15 20	2 19	23 54	23 55	2 53		n.a.
W22	5 36	20 32	3 14	4 6	3 2	23 30	3 14	25 8	2 1	18 57	1 42	24 48	0 55	23 43	0 36	24 0	0 5	15 21	2 19	23 54	23 55	2 50		n.a.
T 23	5 59	22 52	2 18	4 10	3 9	23 43	3 15	25 3	1 59	18 57	1 41	24 48	0 55	23 43	0 36	24 0	0 5	15 21	2 19	23 54	23 55	2 47		n.a.
F 24	6 21	24 4	1 15	4 11	3 15	23 56	3 15	24 59	1 58	18 57	1 41	24 48	0 55	23 43	0 36	24 0	0 5	15 22	2 19	23 54	23 55	2 44		n.a.
S 25	6 43	23 59	0 7	4 10	3 20	24 8	3 15	24 54	1 56	18 57	1 41	24 48	0 55	23 43	0 36	24 0	0 5	15 22	2 19	23 54	23 55	2 41		n.a.
S 26	7 6	22 32	1n 3	4 6	3 24	24 19	3 15	24 49	1 54	18 56	1 40	24 48	0 55	23 43	0 36	24 0	0 5	15 22	2 19	23 54	23 55	2 38		n.a.
M27	7 28	19 46	2 12	3 59	3 27	24 30	3 15	24 44	1 53	18 56	1 40	24 48	0 55	23 43	0 36	24 0	0 5	15 23	2 19	23 54	23 55	2 36		n.a.
T 28	7 50	15 47	3 14	3 49	3 28	24 40	3 14	24 39	1 51	18 56	1 40	24 48	0 55	23 43	0 36	24 0	0 5	15 23	2 19	23 54	23 55	2 33		n.a.
W29	8 12	10 49	4 6	3 36	3 29	24 50	3 14	24 34	1 50	18 55	1 40	24 48	0 55	23 43	0 36	24 0	0 5	15 24	2 19	23 54	23 55	2 30		n.a.
T 30	8n34	5s 9	4n43	3s21	3s29	24n59	3n13	24n28	1n48	18n55	1n39	24n48	0n55	23s43	0s36	24n 0	0n 5	15n24	2s19	23s54	23s55	2n27		n.a.

Julian Day Number = 980421.5, Delta T = 13h14m31s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'30, Lahiri = -31°55'30 Julian Calendar 1 Apr. 2029 BCE == Greg. Calendar 15 March 2029 BCE

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

MAY 2029 BCE (-2028) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 28 13	22♈29'30	20♓49	0♈16	7♊16	18♋33	12♌45	3♋25	14♏28	28♊22	18♉19	27°R 4	28♐ 8	12♍35	n.a.	F 1
S 2	13 32 10	23°26'35	5♈49	1° 1	8° 9	19° 2	12°46	3°29	14°28	28°23	18°20	26♐55	28° 5	12°41	n.a.	S 2
S 3	13 36 7	24°23'41	20°46	1°50	9° 0	19°31	12°47	3°33	14°28	28°24	18°22	26°45	28° 2	12°48	n.a.	S 3
M 4	13 40 3	25°20'46	5♉32	2°43	9°51	20° 1	12°48	3°37	14°28	28°25	18°23	26°37	27°59	12°55	n.a.	M 4
T 5	13 44 0	26°17'51	19°58	3°40	10°41	20°31	12°49	3°41	14°28	28°27	18°24	26°30	27°56	13° 2	n.a.	T 5
W 6	13 47 56	27°14'56	3♊58	4°41	11°31	21° 1	12°51	3°45	14°R28	28°28	18°26	26°26	27°53	13° 8	n.a.	W 6
T 7	13 51 53	28°12'00	17°32	5°45	12°20	21°31	12°53	3°50	14°28	28°29	18°27	26°24	27°49	13°15	n.a.	T 7
F 8	13 55 49	29° 9'03	0♋38	6°53	13° 8	22° 1	12°55	3°54	14°28	28°30	18°29	26°D24	27°46	13°22	n.a.	F 8
S 9	13 59 46	0♉ 6'07	13°21	8° 5	13°55	22°32	12°57	3°59	14°28	28°32	18°30	26°24	27°43	13°28	n.a.	S 9
S 10	14 3 43	1° 3'09	25°44	9°20	14°41	23° 2	12°59	4° 3	14°28	28°33	18°32	26°R25	27°40	13°35	n.a.	S 10
M11	14 7 39	2° 0'12	7♌52	10°39	15°27	23°33	13° 2	4° 8	14°28	28°35	18°33	26°25	27°37	13°42	n.a.	M11
T 12	14 11 36	2°57'14	19°50	12° 2	16°12	24° 5	13° 5	4°13	14°28	28°36	18°35	26°23	27°34	13°49	n.a.	T 12
W13	14 15 32	3°54'15	1♍43	13°28	16°56	24°36	13° 7	4°18	14°27	28°37	18°36	26°20	27°30	13°55	n.a.	W13
T 14	14 19 29	4°51'16	13°35	14°57	17°39	25° 8	13°10	4°22	14°27	28°39	18°38	26°14	27°27	14° 2	n.a.	T 14
F 15	14 23 25	5°48'17	25°30	16°30	18°20	25°39	13°14	4°27	14°27	28°40	18°39	26° 7	27°24	14° 9	n.a.	F 15
S 16	14 27 22	6°45'18	7♎30	18° 6	19° 1	26°11	13°17	4°32	14°26	28°42	18°41	25°58	27°21	14°16	n.a.	S 16
S 17	14 31 18	7°42'19	19°39	19°45	19°41	26°43	13°20	4°38	14°26	28°43	18°42	25°49	27°18	14°22	n.a.	S 17
M18	14 35 15	8°39'20	1♏57	21°28	20°20	27°16	13°24	4°43	14°25	28°45	18°44	25°41	27°14	14°29	n.a.	M18
T 19	14 39 12	9°36'22	14°26	23°13	20°58	27°48	13°28	4°48	14°24	28°46	18°45	25°34	27°11	14°36	n.a.	T 19
W20	14 43 8	10°33'23	27° 6	25° 2	21°34	28°21	13°32	4°53	14°24	28°48	18°47	25°29	27° 8	14°42	n.a.	W20
T 21	14 47 5	11°30'25	9♐58	26°53	22° 9	28°54	13°36	4°59	14°23	28°50	18°48	25°26	27° 5	14°49	n.a.	T 21
F 22	14 51 1	12°27'27	23° 2	28°47	22°43	29°27	13°40	5° 4	14°22	28°51	18°50	25°D24	27° 2	14°56	n.a.	F 22
S 23	14 54 58	13°24'30	6♑18	0♑44	23°16	29°59	13°45	5°10	14°22	28°53	18°51	25°25	26°59	15° 3	n.a.	S 23
S 24	14 58 54	14°21'33	19°47	2°43	23°47	0♌33	13°50	5°15	14°21	28°55	18°53	25°26	26°55	15° 9	n.a.	S 24
M25	15 2 51	15°18'37	3♒30	4°45	24°17	1° 7	13°54	5°21	14°20	28°56	18°54	25°27	26°52	15°16	n.a.	M25
T 26	15 6 48	16°15'41	17°28	6°48	24°45	1°40	13°59	5°26	14°19	28°58	18°56	25°R28	26°49	15°23	n.a.	T 26
W27	15 10 44	17°12'46	1♓40	8°53	25°12	2°14	14° 4	5°32	14°18	29° 0	18°58	25°27	26°46	15°29	n.a.	W27
T 28	15 14 41	18° 9'52	16° 3	10°59	25°37	2°48	14°10	5°38	14°17	29° 2	18°59	25°24	26°43	15°36	n.a.	T 28
F 29	15 18 37	19° 6'59	0♈36	13° 6	26° 1	3°22	14°15	5°44	14°16	29° 3	19° 1	25°21	26°39	15°43	n.a.	F 29
S 30	15 22 34	20° 4'06	15°11	15°14	26°23	3°57	14°21	5°50	14°15	29° 5	19° 2	25°16	26°36	15°50	n.a.	S 30
S 31	15 26 30	21♉ 1'15	29♈45	17♉22	26♊43	4♌31	14♌26	5♋56	14♏14	29♊ 7	19♉ 4	25♐11	26♐33	15♍56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n56	0n53	5n 1	3s 4	3s28	25n 7	3n12	24n23	1n47	18n55	1n39	24n48	0n55	23s43	0s36	24n 0	0n 5	15n25	2s19	23s54	23s55	2n24		n.a.
S 2	9 17	6 55	5 0	2 44	3 26	25 15	3 11	24 17	1 45	18 54	1 39	24 47	0 55	23 43	0 36	24 0	0 5	15 25	2 19	23 53	23 55	2 22		n.a.
S 3	9 39	12 32	4 37	2 22	3 24	25 22	3 9	24 11	1 44	18 53	1 39	24 47	0 55	23 43	0 36	24 0	0 5	15 26	2 18	23 53	23 55	2 19		n.a.
M 4	10 0	17 20	3 57	1 57	3 20	25 29	3 8	24 5	1 43	18 53	1 38	24 47	0 55	23 43	0 36	24 0	0 5	15 26	2 18	23 53	23 55	2 16		n.a.
T 5	10 21	21 0	3 2	1 30	3 16	25 35	3 6	23 59	1 41	18 52	1 38	24 47	0 55	23 43	0 36	24 0	0 5	15 27	2 18	23 53	23 55	2 13		n.a.
W 6	10 42	23 17	1 57	1 1	3 11	25 40	3 4	23 53	1 40	18 51	1 38	24 47	0 55	23 43	0 36	24 0	0 5	15 27	2 18	23 53	23 55	2 10		n.a.
T 7	11 3	24 7	0 47	0 30	3 5	25 45	3 2	23 47	1 38	18 51	1 37	24 47	0 55	23 43	0 36	24 0	0 5	15 28	2 18	23 53	23 55	2 7		n.a.
F 8	11 24	23 33	0s23	0n 4	2 59	25 49	3 0	23 41	1 37	18 50	1 37	24 47	0 55	23 43	0 36	24 0	0 5	15 28	2 18	23 53	23 54	2 5		n.a.
S 9	11 44	21 45	1 30	0 39	2 52	25 52	2 58	23 34	1 35	18 49	1 37	24 47	0 55	23 43	0 36	24 0	0 5	15 29	2 18	23 53	23 54	2 2		n.a.
S 10	12 5	18 58	2 31	1 16	2 44	25 55	2 55	23 27	1 34	18 48	1 37	24 46	0 55	23 44	0 36	24 0	0 5	15 29	2 18	23 53	23 54	1 59		n.a.
M11	12 25	15 24	3 24	1 55	2 36	25 58	2 52	23 21	1 33	18 47	1 36	24 46	0 55	23 44	0 36	24 0	0 5	15 30	2 18	23 53	23 54	1 56		n.a.
T 12	12 45	11 16	4 7	2 36	2 27	25 59	2 49	23 14	1 31	18 46	1 36	24 46	0 55	23 44	0 36	24 0	0 5	15 30	2 18	23 53	23 54	1 53		n.a.
W13	13 4	6 45	4 39	3 18	2 18	26 1	2 45	23 7	1 30	18 45	1 36	24 46	0 55	23 44	0 36	24 0	0 5	15 31	2 18	23 53	23 54	1 51		n.a.
T 14	13 24	2 0	4 59	4 2	2 8	26 1	2 42	23 0	1 28	18 44	1 36	24 46	0 55	23 44	0 36	24 0	0 5	15 31	2 18	23 52	23 54	1 48		n.a.
F 15	13 44	2s51	5 6	4 48	1 58	26 1	2 38	22 52	1 27	18 42	1 35	24 46	0 55	23 44	0 36	24 0	0 5	15 32	2 18	23 52	23 54	1 45		n.a.
S 16	14 3	7 37	5 0	5 35	1 48	26 1	2 34	22 45	1 26	18 41	1 35	24 46	0 55	23 44	0 37	24 0	0 5	15 32	2 17	23 52	23 54	1 42		n.a.
S 17	14 22	12 9	4 41	6 23	1 37	26 0	2 29	22 37	1 24	18 40	1 35	24 45	0 55	23 44	0 37	24 0	0 5	15 33	2 17	23 52	23 54	1 39		n.a.
M18	14 40	16 15	4 8	7 12	1 26	25 58	2 25	22 29	1 23	18 39	1 34	24 45	0 55	23 44	0 37	24 0	0 5	15 33	2 17	23 51	23 54	1 37		n.a.
T 19	14 59	19 43	3 23	8 3	1 15	25 56	2 20	22 21	1 22	18 37	1 34	24 45	0 55	23 44	0 37	24 0	0 5	15 33	2 17	23 51	23 54	1 34		n.a.
W20	15 17	22 17	2 27	8 54	1 3	25 53	2 14	22 13	1 20	18 36	1 34	24 45	0 55	23 44	0 37	24 1	0 5	15 34	2 17	23 51	23 54	1 31		n.a.
T 21	15 35	23 46	1 23	9 46	0 52	25 50	2 9	22 5	1 19	18 34	1 34	24 45	0 55	23 44	0 37	24 1	0 5	15 34	2 17	23 51	23 54	1 28		n.a.
F 22	15 53	23 57	0 13	10 39	0 40	25 46	2 3	21 57	1 18	18 33	1 33	24 44	0 55	23 45	0 37	24 1	0 5	15 35	2 17	23 51	23 54	1 25		n.a.
S 23	16 11	22 48	0n59	11 31	0 28	25 42	1 57	21 49	1 17	18 31	1 33	24 44	0 55	23 45	0 37	24 1	0 5	15 35	2 17	23 51	23 54	1 23		n.a.
S 24	16 28	20 19	2 8	12 24	0 17	25 37	1 50	21 40	1 15	18 30	1 33	24 44	0 55	23 45	0 37	24 1	0 5	15 36	2 17	23 51	23 53	1 20		n.a.
M25	16 45	16 39	3 12	13 17	0 6	25 32	1 44	21 31	1 14	18 28	1 33	24 44	0 55	23 45	0 37	24 1	0 5	15 36	2 17	23 51	23 53	1 17		n.a.
T 26	17 2	12 1	4 5	14 9	0n 6	25 26	1 37	21 22	1 13	18 26	1 32	24 44	0 55	23 45	0 37	24 1	0 5	15 37	2 17	23 51	23 53	1 14		n.a.
W27	17 19	6 41	4 44	15 0	0 16	25 19	1 29	21 13	1 12	18 24	1 32	24 43	0 55	23 45	0 37	24 1	0 5	15 37	2 17	23 51	23 53	1 12		n.a.
T 28	17 35	0 55	5 7	15 51	0 27	25 13	1 22	21 4	1 10	18 23	1 32	24 43	0 55	23 45	0 37	24 1	0 5	15 38	2 17	23 51	23 53	1 9		n.a.
F 29	17 51	4n57	5 9	16 40	0 37	25 5	1 13	20 55	1 9	18 21	1 32	24 43	0 55	23 45	0 37	24 1	0 5	15 38	2 17	23 51	23 53	1 6		n.a.
S 30	18 7	10 34	4 52	17 28	0 46	24 58	1 5	20 45	1 8	18 19	1 31	24 43	0 55	23 46	0 37	24 1	0 5	15 39	2 17	23 50	23 53	1 3		n.a.
S 31	18n23	15n35	4n16	18n15	0n55	24n49	0n56	20n36	1n 7	18n17	1n31	24n42	0n55	23s46	0s37	24n 1	0n 5	15n39	2s17	23s50	23s53	1n 0		n.a.

Julian Day Number = 980451.5, Delta T = 13h14m29s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'26, Lahiri = -31°55'25 Julian Calendar 1 May 2029 BCE == Greg. Calendar 14 Apr. 2029 BCE

The year -2028 astronomical counting style corresponds to year 2029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

JUNE 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 30 27	21♉58'24	14♉ 9	19♉31	27♊ 2	5♌ 6	14♌32	6♋ 2	14°R13	29♊ 9	19♉ 5	25°R 6	26♐30	16♍ 3	n.a.	M 1
T 2	15 34 24	22°55'33	28°18	21°39	27°18	5°40	14°38	6° 8	14♏12	29°11	19° 7	25♐ 3	26°27	16°10	n.a.	T 2
W 3	15 38 20	23°52'44	12♊ 7	23°47	27°33	6°15	14°44	6°14	14°10	29°13	19° 8	25° 1	26°24	16°17	n.a.	W 3
T 4	15 42 17	24°49'55	25°34	25°54	27°46	6°50	14°51	6°20	14° 9	29°14	19°10	25°D 0	26°20	16°23	n.a.	T 4
F 5	15 46 13	25°47'06	8♋39	28° 1	27°56	7°26	14°57	6°26	14° 8	29°16	19°11	25° 1	26°17	16°30	n.a.	F 5
S 6	15 50 10	26°44'19	21°22	0♊ 6	28° 5	8° 1	15° 4	6°33	14° 6	29°18	19°13	25° 2	26°14	16°37	n.a.	S 6
S 7	15 54 6	27°41'31	3♌47	2°11	28°11	8°36	15°10	6°39	14° 5	29°20	19°14	25° 4	26°11	16°43	n.a.	S 7
M 8	15 58 3	28°38'45	15°57	4°14	28°15	9°12	15°17	6°45	14° 4	29°22	19°16	25° 5	26° 8	16°50	n.a.	M 8
T 9	16 1 59	29°35'58	27°56	6°16	28°R17	9°48	15°24	6°52	14° 2	29°24	19°18	25°R 6	26° 5	16°57	n.a.	T 9
W10	16 5 56	0♊33'13	9♍51	8°16	28°17	10°24	15°31	6°58	14° 1	29°26	19°19	25° 5	26° 1	17° 4	n.a.	W10
T 11	16 9 53	1°30'28	21°44	10°15	28°14	11° 0	15°38	7° 5	13°59	29°28	19°21	25° 4	25°58	17°10	n.a.	T 11
F 12	16 13 49	2°27'44	3♎41	12°12	28° 9	11°36	15°46	7°11	13°58	29°30	19°22	25° 1	25°55	17°17	n.a.	F 12
S 13	16 17 46	3°25'00	15°45	14° 8	28° 2	12°12	15°53	7°18	13°56	29°32	19°24	24°58	25°52	17°24	n.a.	S 13
S 14	16 21 42	4°22'18	28° 0	16° 2	27°52	12°49	16° 1	7°25	13°54	29°34	19°25	24°55	25°49	17°30	n.a.	S 14
M15	16 25 39	5°19'36	10♏28	17°54	27°39	13°25	16° 9	7°31	13°53	29°36	19°27	24°52	25°45	17°37	n.a.	M15
T 16	16 29 35	6°16'56	23°11	19°45	27°25	14° 2	16°16	7°38	13°51	29°38	19°28	24°50	25°42	17°44	n.a.	T 16
W17	16 33 32	7°14'16	6♐ 8	21°34	27° 8	14°39	16°24	7°45	13°49	29°40	19°30	24°48	25°39	17°51	n.a.	W17
T 18	16 37 29	8°11'38	19°21	23°22	26°49	15°16	16°32	7°52	13°47	29°43	19°31	24°D47	25°36	17°57	n.a.	T 18
F 19	16 41 25	9° 9'01	2♑48	25° 8	26°27	15°53	16°41	7°59	13°45	29°45	19°32	24°47	25°33	18° 4	n.a.	F 19
S 20	16 45 22	10° 6'25	16°28	26°53	26° 4	16°30	16°49	8° 5	13°44	29°47	19°34	24°48	25°30	18°11	n.a.	S 20
S 21	16 49 18	11° 3'51	0♒19	28°35	25°38	17° 7	16°57	8°12	13°42	29°49	19°35	24°49	25°26	18°18	n.a.	S 21
M22	16 53 15	12° 1'18	14°19	0♓17	25°11	17°44	17° 6	8°19	13°40	29°51	19°37	24°50	25°23	18°24	n.a.	M22
T 23	16 57 11	12°58'46	28°26	1°56	24°41	18°22	17°15	8°26	13°38	29°53	19°38	24°51	25°20	18°31	n.a.	T 23
W24	17 1 8	13°56'17	12♈38	3°34	24°10	19° 0	17°23	8°33	13°36	29°55	19°40	24°R51	25°17	18°38	n.a.	W24
T 25	17 5 4	14°53'48	26°53	5°11	23°38	19°37	17°32	8°40	13°34	29°57	19°41	24°51	25°14	18°44	n.a.	T 25
F 26	17 9 1	15°51'22	11♈ 8	6°46	23° 4	20°15	17°41	8°47	13°32	29°59	19°43	24°50	25°11	18°51	n.a.	F 26
S 27	17 12 58	16°48'57	25°20	8°19	22°30	20°53	17°50	8°54	13°30	0♋ 2	19°44	24°49	25° 7	18°58	n.a.	S 27
S 28	17 16 54	17°46'34	9♉26	9°51	21°54	21°31	18° 0	9° 1	13°28	0° 4	19°45	24°49	25° 4	19° 5	n.a.	S 28
M29	17 20 51	18°44'13	23°22	11°21	21°18	22°10	18° 9	9° 9	13°26	0° 6	19°47	24°48	25° 1	19°11	n.a.	M29
T 30	17 24 47	19♊41'53	7♊ 6	12♋50	20♊41	22♌48	18♌18	9♋16	13♏24	0♋ 8	19♉48	24♐47	24♐58	19♍18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n38	19n39	3n24	18n59	1n 4	24n41	0n47	20n26	1n 5	18n15	1n31	24n42	0n55	23s46	0s37	24n 1	0n 5	15n40	2s16	23s50	23s53	0n58		n.a.
T 2	18 53	22 28	2 21	19 42	1 12	24 32	0 38	20 16	1 4	18 13	1 31	24 42	0 55	23 46	0 37	24 1	0 5	15 40	2 16	23 50	23 53	0 55		n.a.
W 3	19 7	23 51	1 10	20 22	1 19	24 22	0 28	20 6	1 3	18 11	1 30	24 41	0 55	23 46	0 37	24 1	0 5	15 41	2 16	23 50	23 53	0 52		n.a.
T 4	19 22	23 48	0s 3	21 0	1 25	24 12	0 18	19 56	1 2	18 9	1 30	24 41	0 55	23 46	0 37	24 1	0 5	15 41	2 16	23 50	23 53	0 49		n.a.
F 5	19 36	22 24	1 14	21 36	1 31	24 2	0 7	19 46	1 0	18 7	1 30	24 41	0 55	23 47	0 37	24 1	0 5	15 42	2 16	23 50	23 52	0 46		n.a.
S 6	19 49	19 54	2 19	22 9	1 36	23 51	0s 4	19 35	0 59	18 4	1 30	24 41	0 55	23 47	0 37	24 1	0 5	15 42	2 16	23 50	23 52	0 44		n.a.
S 7	20 3	16 31	3 17	22 40	1 40	23 40	0 15	19 25	0 58	18 2	1 29	24 40	0 55	23 47	0 37	24 1	0 5	15 43	2 16	23 50	23 52	0 41		n.a.
M 8	20 16	12 30	4 4	23 8	1 44	23 28	0 26	19 14	0 57	18 0	1 29	24 40	0 55	23 47	0 37	24 1	0 5	15 43	2 16	23 50	23 52	0 38		n.a.
T 9	20 28	8 4	4 40	23 33	1 47	23 17	0 38	19 3	0 56	17 57	1 29	24 40	0 55	23 47	0 37	24 1	0 5	15 44	2 16	23 50	23 52	0 35		n.a.
W10	20 41	3 22	5 3	23 56	1 50	23 4	0 51	18 52	0 55	17 55	1 29	24 39	0 55	23 47	0 37	24 1	0 5	15 44	2 16	23 50	23 52	0 33		n.a.
T 11	20 53	1s27	5 14	24 16	1 51	22 52	1 3	18 41	0 53	17 53	1 28	24 39	0 55	23 48	0 37	24 1	0 5	15 44	2 16	23 50	23 52	0 30		n.a.
F 12	21 5	6 13	5 11	24 34	1 52	22 39	1 16	18 29	0 52	17 50	1 28	24 39	0 55	23 48	0 37	24 1	0 5	15 45	2 16	23 50	23 52	0 27		n.a.
S 13	21 16	10 49	4 54	24 50	1 53	22 26	1 29	18 18	0 51	17 48	1 28	24 38	0 55	23 48	0 37	24 1	0 5	15 45	2 16	23 50	23 52	0 24		n.a.
S 14	21 27	15 4	4 24	25 3	1 53	22 12	1 43	18 6	0 50	17 45	1 28	24 38	0 55	23 48	0 37	24 1	0 6	15 46	2 16	23 50	23 52	0 22		n.a.
M15	21 38	18 44	3 40	25 13	1 52	21 58	1 56	17 55	0 49	17 43	1 28	24 38	0 55	23 48	0 37	24 1	0 6	15 46	2 16	23 50	23 51	0 19		n.a.
T 16	21 48	21 37	2 46	25 22	1 51	21 44	2 10	17 43	0 48	17 40	1 27	24 37	0 55	23 49	0 37	24 1	0 6	15 47	2 16	23 49	23 51	0 16		n.a.
W17	21 58	23 26	1 41	25 28	1 49	21 30	2 24	17 31	0 47	17 37	1 27	24 37	0 55	23 49	0 38	24 1	0 6	15 47	2 16	23 49	23 51	0 13		n.a.
T 18	22 7	23 59	0 30	25 32	1 47	21 15	2 38	17 19	0 45	17 35	1 27	24 37	0 55	23 49	0 38	24 1	0 6	15 48	2 16	23 49	23 51	0 10		n.a.
F 19	22 16	23 10	0n44	25 34	1 44	21 0	2 52	17 6	0 44	17 32	1 27	24 36	0 55	23 49	0 38	24 1	0 6	15 48	2 16	23 49	23 51	0 8		n.a.
S 20	22 25	20 57	1 57	25 34	1 40	20 45	3 7	16 54	0 43	17 29	1 27	24 36	0 55	23 50	0 38	24 1	0 6	15 49	2 16	23 49	23 51	0 5		n.a.
S 21	22 33	17 30	3 4	25 32	1 37	20 30	3 21	16 41	0 42	17 26	1 26	24 35	0 56	23 50	0 38	24 1	0 6	15 49	2 16	23 49	23 51	0 2		n.a.
M22	22 41	13 2	4 1	25 28	1 32	20 15	3 35	16 29	0 41	17 23	1 26	24 35	0 56	23 50	0 38	24 1	0 6	15 49	2 15	23 49	23 51	0s 1		n.a.
T 23	22 49	7 50	4 43	25 22	1 28	20 0	3 49	16 16	0 40	17 21	1 26	24 35	0 56	23 50	0 38	24 1	0 6	15 50	2 15	23 49	23 51	0 3		n.a.
W24	22 56	2 12	5 9	25 15	1 23	19 45	4 3	16 3	0 39	17 18	1 26	24 34	0 56	23 50	0 38	24 1	0 6	15 50	2 15	23 49	23 50	0 6		n.a.
T 25	23 3	3n33	5 16	25 7	1 17	19 30	4 17	15 50	0 38	17 15	1 25	24 34	0 56	23 51	0 38	24 1	0 6	15 51	2 15	23 49	23 50	0 9		n.a.
F 26	23 9	9 8	5 4	24 56	1 11	19 15	4 30	15 36	0 37	17 12	1 25	24 33	0 56	23 51	0 38	24 1	0 6	15 51	2 15	23 49	23 50	0 12		n.a.
S 27	23 15	14 12	4 33	24 45	1 5	19 0	4 43	15 23	0 36	17 9	1 25	24 33	0 56	23 51	0 38	24 1	0 6	15 51	2 15	23 49	23 50	0 14		n.a.
S 28	23 21	18 29	3 46	24 32	0 59	18 45	4 56	15 10	0 34	17 6	1 25	24 32	0 56	23 51	0 38	24 1	0 6	15 52	2 15	23 49	23 50	0 17		n.a.
M29	23 26	21 39	2 45	24 18	0 52	18 30	5 8	14 56	0 33	17 2	1 25	24 32	0 56	23 52	0 38	24 1	0 6	15 52	2 15	23 49	23 50	0 20		n.a.
T 30	23n31	23n31	1n36	24n 2	0n45	18n16	5s20	14n42	0n32	16n59	1n25	24n32	0n56	23s52	0s38	24n 1	0n 6	15n53	2s15	23s49	23s50	0s23		n.a.

Julian Day Number = 980482.5, Delta T = 13h14m27s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'22, Lahiri = -31°55'21 Julian Calendar 1 June 2029 BCE == Greg. Calendar 15 May 2029 BCE

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

JULY 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 28 44	20♊39'35	20♊35	14♋17	20°R 5	23♌27	18♌28	9♋23	13°R21	0♋11	19♉49	24°D47	24♐55	19♍25	n.a.	W 1
T 2	17 32 40	21°37'19	3♋47	15°43	19♊28	24° 5	18°38	9°30	13♏19	0°13	19°51	24♐47	24°51	19°32	n.a.	T 2
F 3	17 36 37	22°35'04	16°42	17° 6	18°51	24°44	18°47	9°37	13°17	0°15	19°52	24°47	24°48	19°38	n.a.	F 3
S 4	17 40 34	23°32'51	29°20	18°28	18°15	25°23	18°57	9°45	13°15	0°17	19°53	24°48	24°45	19°45	n.a.	S 4
S 5	17 44 30	24°30'38	11♌42	19°49	17°40	26° 2	19° 7	9°52	13°13	0°19	19°55	24°R48	24°42	19°52	n.a.	S 5
M 6	17 48 27	25°28'28	23°52	21° 7	17° 6	26°41	19°17	9°59	13°10	0°22	19°56	24°48	24°39	19°58	n.a.	M 6
T 7	17 52 23	26°26'19	5♍52	22°24	16°33	27°20	19°27	10° 7	13° 8	0°24	19°57	24°48	24°36	20° 5	n.a.	T 7
W 8	17 56 20	27°24'11	17°46	23°39	16° 1	27°59	19°37	10°14	13° 6	0°26	19°59	24°47	24°32	20°12	n.a.	W 8
T 9	18 0 16	28°22'04	29°39	24°52	15°31	28°38	19°48	10°21	13° 4	0°28	20° 0	24°D47	24°29	20°19	n.a.	T 9
F 10	18 4 13	29°20'00	11♎36	26° 3	15° 2	29°18	19°58	10°29	13° 1	0°31	20° 1	24°48	24°26	20°25	n.a.	F 10
S 11	18 8 9	0♋17'56	23°41	27°12	14°35	29°57	20° 8	10°36	12°59	0°33	20° 2	24°48	24°23	20°32	n.a.	S 11
S 12	18 12 6	1°15'54	5♏58	28°19	14°11	0♍37	20°19	10°43	12°57	0°35	20° 4	24°48	24°20	20°39	n.a.	S 12
M13	18 16 2	2°13'54	18°31	29°23	13°48	1°17	20°30	10°51	12°54	0°37	20° 5	24°49	24°17	20°46	n.a.	M13
T 14	18 19 59	3°11'56	1♐22	0♌25	13°27	1°57	20°40	10°58	12°52	0°39	20° 6	24°50	24°13	20°52	n.a.	T 14
W15	18 23 56	4° 9'59	14°34	1°24	13° 9	2°37	20°51	11° 6	12°50	0°42	20° 7	24°50	24°10	20°59	n.a.	W15
T 16	18 27 52	5° 8'04	28° 7	2°21	12°53	3°17	21° 2	11°13	12°47	0°44	20° 8	24°R50	24° 7	21° 6	n.a.	T 16
F 17	18 31 49	6° 6'11	11♑58	3°15	12°40	3°57	21°13	11°21	12°45	0°46	20°10	24°50	24° 4	21°12	n.a.	F 17
S 18	18 35 45	7° 4'20	26° 5	4° 5	12°29	4°37	21°24	11°28	12°43	0°48	20°11	24°49	24° 1	21°19	n.a.	S 18
S 19	18 39 42	8° 2'31	10♒24	4°53	12°20	5°18	21°35	11°36	12°40	0°51	20°12	24°48	23°57	21°26	n.a.	S 19
M20	18 43 38	9° 0'44	24°49	5°37	12°13	5°58	21°46	11°43	12°38	0°53	20°13	24°46	23°54	21°33	n.a.	M20
T 21	18 47 35	9°58'59	9♓16	6°18	12° 9	6°39	21°57	11°50	12°35	0°55	20°14	24°44	23°51	21°39	n.a.	T 21
W22	18 51 31	10°57'16	23°39	6°54	12°D 8	7°19	22° 9	11°58	12°33	0°57	20°15	24°43	23°48	21°46	n.a.	W22
T 23	18 55 28	11°55'35	7♈56	7°26	12° 9	8° 0	22°20	12° 5	12°31	0°59	20°16	24°D42	23°45	21°53	n.a.	T 23
F 24	18 59 25	12°53'57	22° 3	7°54	12°12	8°41	22°32	12°13	12°28	1° 2	20°17	24°43	23°42	21°59	n.a.	F 24
S 25	19 3 21	13°52'22	5♉58	8°17	12°17	9°22	22°43	12°20	12°26	1° 4	20°18	24°43	23°38	22° 6	n.a.	S 25
S 26	19 7 18	14°50'48	19°42	8°35	12°25	10° 3	22°55	12°28	12°23	1° 6	20°19	24°45	23°35	22°13	n.a.	S 26
M27	19 11 14	15°49'17	3♊12	8°48	12°35	10°44	23° 6	12°35	12°21	1° 8	20°20	24°46	23°32	22°20	n.a.	M27
T 28	19 15 11	16°47'49	16°30	8°55	12°47	11°25	23°18	12°43	12°19	1°10	20°21	24°47	23°29	22°26	n.a.	T 28
W29	19 19 7	17°46'22	29°35	8°R55	13° 1	12° 7	23°30	12°50	12°16	1°12	20°22	24°R47	23°26	22°33	n.a.	W29
T 30	19 23 4	18°44'58	12♋27	8°50	13°17	12°48	23°42	12°58	12°14	1°15	20°23	24°46	23°23	22°40	n.a.	T 30
F 31	19 27 0	19♋43'36	25♋ 7	8♌38	13♊35	13♍30	23♌54	13♋ 5	12♏11	1♋17	20♉24	24♐44	23♐19	22♍47	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n35	23n58	0n23	23n46	0n37	18n 3	5s31	14n28	0n31	16n56	1n24	24n31	0n56	23s52	0s38	24n 1	0n 6	15n53	2s15	23s49	23s50	0s25			n.a.
T 2	23 39	23 3	0s50	23 28	0 30	17 49	5 42	14 14	0 30	16 53	1 24	24 31	0 56	23 52	0 38	24 1	0 6	15 54	2 15	23 49	23 49	0 28			n.a.
F 3	23 43	20 54	1 59	23 10	0 22	17 36	5 52	14 0	0 29	16 50	1 24	24 30	0 56	23 53	0 38	24 1	0 6	15 54	2 15	23 49	23 49	0 31			n.a.
S 4	23 46	17 46	3 0	22 51	0 13	17 24	6 1	13 46	0 28	16 46	1 24	24 30	0 56	23 53	0 38	24 1	0 6	15 54	2 15	23 49	23 49	0 34			n.a.
S 5	23 49	13 55	3 52	22 31	0 5	17 13	6 10	13 31	0 27	16 43	1 24	24 29	0 56	23 53	0 38	24 1	0 6	15 55	2 15	23 49	23 49	0 36			n.a.
M 6	23 51	9 34	4 32	22 10	0s 4	17 2	6 17	13 17	0 26	16 40	1 23	24 29	0 56	23 53	0 38	24 1	0 6	15 55	2 15	23 49	23 49	0 39			n.a.
T 7	23 53	4 55	5 0	21 49	0 13	16 51	6 25	13 2	0 25	16 36	1 23	24 28	0 56	23 54	0 38	24 1	0 6	15 55	2 15	23 49	23 49	0 42			n.a.
W 8	23 54	0 7	5 15	21 27	0 22	16 42	6 31	12 47	0 24	16 33	1 23	24 28	0 56	23 54	0 38	24 1	0 6	15 56	2 15	23 49	23 49	0 45			n.a.
T 9	23 55	4s40	5 16	21 5	0 31	16 33	6 37	12 33	0 23	16 29	1 23	24 27	0 56	23 54	0 38	24 1	0 6	15 56	2 15	23 49	23 49	0 47			n.a.
F 10	23 55	9 19	5 3	20 42	0 41	16 25	6 41	12 18	0 22	16 26	1 23	24 26	0 56	23 54	0 38	24 1	0 6	15 57	2 15	23 49	23 48	0 50			n.a.
S 11	23 56	13 39	4 38	20 19	0 51	16 18	6 46	12 2	0 21	16 22	1 23	24 26	0 57	23 55	0 38	24 1	0 6	15 57	2 15	23 49	23 48	0 53			n.a.
S 12	23 55	17 31	3 59	19 56	1 0	16 12	6 49	11 47	0 20	16 19	1 22	24 25	0 57	23 55	0 38	24 1	0 6	15 57	2 15	23 49	23 48	0 56			n.a.
M13	23 54	20 41	3 8	19 33	1 10	16 7	6 52	11 32	0 19	16 15	1 22	24 25	0 57	23 55	0 38	24 1	0 6	15 58	2 15	23 49	23 48	0 58			n.a.
T 14	23 53	22 55	2 6	19 10	1 20	16 2	6 54	11 16	0 18	16 11	1 22	24 24	0 57	23 55	0 38	24 1	0 6	15 58	2 15	23 49	23 48	1 1			n.a.
W15	23 52	23 57	0 57	18 47	1 30	15 59	6 55	11 1	0 17	16 8	1 22	24 24	0 57	23 55	0 38	24 1	0 6	15 58	2 15	23 49	23 48	1 4			n.a.
T 16	23 49	23 37	0n18	18 24	1 41	15 56	6 56	10 45	0 16	16 4	1 22	24 23	0 57	23 56	0 38	24 1	0 6	15 59	2 15	23 49	23 48	1 6			n.a.
F 17	23 47	21 50	1 33	18 2	1 51	15 54	6 56	10 29	0 15	16 0	1 22	24 23	0 57	23 56	0 38	24 1	0 6	15 59	2 15	23 49	23 47	1 9			n.a.
S 18	23 44	18 40	2 44	17 40	2 1	15 53	6 56	10 14	0 14	15 56	1 22	24 22	0 57	23 56	0 38	24 1	0 6	15 59	2 15	23 49	23 47	1 12			n.a.
S 19	23 41	14 22	3 46	17 19	2 11	15 53	6 55	9 58	0 13	15 53	1 21	24 21	0 57	23 56	0 38	24 1	0 6	16 0	2 15	23 49	23 47	1 15			n.a.
M20	23 37	9 13	4 34	16 58	2 22	15 54	6 53	9 42	0 12	15 49	1 21	24 21	0 57	23 57	0 38	24 1	0 6	16 0	2 15	23 49	23 47	1 17			n.a.
T 21	23 33	3 34	5 4	16 38	2 32	15 55	6 51	9 25	0 11	15 45	1 21	24 20	0 57	23 57	0 38	24 1	0 6	16 0	2 15	23 49	23 47	1 20			n.a.
W22	23 28	2n15	5 15	16 19	2 42	15 57	6 49	9 9	0 10	15 41	1 21	24 20	0 57	23 57	0 38	24 1	0 6	16 1	2 15	23 49	23 47	1 23			n.a.
T 23	23 23	7 54	5 7	16 2	2 51	16 0	6 46	8 53	0 9	15 37	1 21	24 19	0 57	23 57	0 38	24 1	0 6	16 1	2 15	23 49	23 47	1 26			n.a.
F 24	23 17	13 4	4 40	15 45	3 1	16 4	6 43	8 36	0 8	15 33	1 21	24 18	0 57	23 58	0 38	24 1	0 6	16 1	2 15	23 49	23 46	1 28			n.a.
S 25	23 11	17 30	3 57	15 30	3 10	16 8	6 39	8 20	0 7	15 29	1 21	24 18	0 58	23 58	0 38	24 1	0 6	16 1	2 15	23 49	23 46	1 31			n.a.
S 26	23 5	20 55	3 1	15 17	3 19	16 13	6 35	8 3	0 6	15 25	1 21	24 17	0 58	23 58	0 38	24 1	0 6	16 2	2 15	23 49	23 46	1 34			n.a.
M27	22 58	23 7	1 56	15 6	3 27	16 18	6 31	7 46	0 5	15 21	1 20	24 16	0 58	23 58	0 38	24 1	0 6	16 2	2 15	23 49	23 46	1 36			n.a.
T 28	22 51	23 59	0 45	14 56	3 35	16 24	6 26	7 30	0 4	15 17	1 20	24 16	0 58	23 59	0 38	24 1	0 6	16 2	2 15	23 49	23 46	1 39			n.a.
W29	22 43	23 29	0s26	14 49	3 42	16 31	6 22	7 13	0 3	15 13	1 20	24 15	0 58	23 59	0 38	24 1	0 6	16 2	2 15	23 49	23 46	1 42			n.a.
T 30	22 35	21 45	1 36	14 45	3 49	16 38	6 17	6 56	0 3	15 9	1 20	24 15	0 58	23 59	0 38	24 1	0 6	16 3	2 15	23 49	23 45	1 45			n.a.
F 31	22n27	18n57	2s39	14n43	3s54	16n45	6s11	6n39	0n 2	15n 5	1n20	24n14	0n58	23s59	0s38	24n 1	0n 6	16n 3	2s15	23s49	23s45	1s47			n.a.

Julian Day Number = 980512.5, Delta T = 13h14m25s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'18, Lahiri = -31°55'17 Julian Calendar 1 July 2029 BCE == Greg. Calendar 14 June 2029 BCE

The year -2028 astronomical counting style corresponds to year 2029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

AUGUST 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 30 57	20♋42'16	7♌34	8°R19	13♊55	14♍11	24♌ 6	13♋12	12°R 9	1♋19	20♉25	24°R40	23♐16	22♍53	n.a.	S 1
S 2	19 34 54	21°40'58	19°50	7♌53	14°16	14°53	24°18	13°20	12♂ 7	1°21	20°25	24♐36	23°13	23° 0	n.a.	S 2
M 3	19 38 50	22°39'42	1♍56	7°20	14°40	15°35	24°30	13°27	12° 4	1°23	20°26	24°31	23°10	23° 7	n.a.	M 3
T 4	19 42 47	23°38'27	13°54	6°41	15° 5	16°17	24°42	13°35	12° 2	1°25	20°27	24°26	23° 7	23°13	n.a.	T 4
W 5	19 46 43	24°37'15	25°47	5°55	15°31	16°59	24°54	13°42	12° 0	1°27	20°28	24°22	23° 3	23°20	n.a.	W 5
T 6	19 50 40	25°36'05	7♎38	5° 3	16° 0	17°41	25° 6	13°49	11°57	1°29	20°29	24°19	23° 0	23°27	n.a.	T 6
F 7	19 54 36	26°34'57	19°33	4° 6	16°30	18°23	25°18	13°57	11°55	1°31	20°29	24°18	22°57	23°34	n.a.	F 7
S 8	19 58 33	27°33'50	1♏35	3° 4	17° 1	19° 5	25°31	14° 4	11°53	1°34	20°30	24°D18	22°54	23°40	n.a.	S 8
S 9	20 2 29	28°32'46	13°49	2° 0	17°34	19°47	25°43	14°11	11°50	1°36	20°31	24°19	22°51	23°47	n.a.	S 9
M10	20 6 26	29°31'44	26°21	0°54	18° 8	20°30	25°56	14°19	11°48	1°38	20°32	24°20	22°48	23°54	n.a.	M10
T 11	20 10 22	0♌30'43	9♐14	29♋48	18°44	21°12	26° 8	14°26	11°46	1°40	20°32	24°22	22°44	24° 1	n.a.	T 11
W12	20 14 19	1°29'45	22°31	28°43	19°20	21°55	26°20	14°33	11°44	1°42	20°33	24°R23	22°41	24° 7	n.a.	W12
T 13	20 18 16	2°28'49	6♑13	27°42	19°58	22°37	26°33	14°41	11°42	1°44	20°33	24°22	22°38	24°14	n.a.	T 13
F 14	20 22 12	3°27'54	20°22	26°46	20°38	23°20	26°46	14°48	11°39	1°46	20°34	24°20	22°35	24°21	n.a.	F 14
S 15	20 26 9	4°27'02	4♒51	25°56	21°18	24° 3	26°58	14°55	11°37	1°48	20°35	24°15	22°32	24°27	n.a.	S 15
S 16	20 30 5	5°26'12	19°37	25°14	22° 0	24°46	27°11	15° 2	11°35	1°49	20°35	24°10	22°29	24°34	n.a.	S 16
M17	20 34 2	6°25'24	4♓30	24°41	22°42	25°29	27°24	15° 9	11°33	1°51	20°36	24° 3	22°25	24°41	n.a.	M17
T 18	20 37 58	7°24'39	19°23	24°18	23°26	26°12	27°36	15°16	11°31	1°53	20°36	23°57	22°22	24°48	n.a.	T 18
W19	20 41 55	8°23'56	4♈ 7	24° 5	24°11	26°55	27°49	15°23	11°29	1°55	20°37	23°52	22°19	24°54	n.a.	W19
T 20	20 45 51	9°23'16	18°37	24°D 3	24°56	27°38	28° 2	15°30	11°27	1°57	20°37	23°48	22°16	25° 1	n.a.	T 20
F 21	20 49 48	10°22'38	2♉47	24°11	25°43	28°21	28°15	15°38	11°25	1°59	20°38	23°46	22°13	25° 8	n.a.	F 21
S 22	20 53 44	11°22'02	16°38	24°29	26°30	29° 5	28°28	15°45	11°23	2° 1	20°38	23°D46	22° 9	25°15	n.a.	S 22
S 23	20 57 41	12°21'30	0♊ 9	24°58	27°19	29°48	28°41	15°51	11°21	2° 2	20°38	23°47	22° 6	25°21	n.a.	S 23
M24	21 1 38	13°21'00	13°22	25°36	28° 8	0♎32	28°53	15°58	11°19	2° 4	20°39	23°48	22° 3	25°28	n.a.	M24
T 25	21 5 34	14°20'32	26°20	26°22	28°58	1°15	29° 6	16° 5	11°17	2° 6	20°39	23°R48	22° 0	25°35	n.a.	T 25
W26	21 9 31	15°20'07	9♋ 4	27°17	29°48	1°59	29°19	16°12	11°15	2° 8	20°40	23°47	21°57	25°41	n.a.	W26
T 27	21 13 27	16°19'44	21°37	28°19	0♋40	2°42	29°32	16°19	11°13	2° 9	20°40	23°43	21°54	25°48	n.a.	T 27
F 28	21 17 24	17°19'23	4♌ 0	29°27	1°32	3°26	29°45	16°26	11°11	2°11	20°40	23°37	21°50	25°55	n.a.	F 28
S 29	21 21 20	18°19'05	16°15	0♌42	2°25	4°10	29°59	16°32	11°10	2°13	20°40	23°29	21°47	26° 2	n.a.	S 29
S 30	21 25 17	19°18'48	28°21	2° 1	3°19	4°54	0♍12	16°39	11° 8	2°15	20°41	23°19	21°44	26° 8	n.a.	S 30
M31	21 29 13	20♌18'34	10♍22	3♌25	4♋13	5♎38	0♍25	16♋46	11♂ 6	2♋16	20♉41	23♐ 7	21♐41	26♍15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n18	15n19	3s33	14n43	3s58	16n53	6s 6	6n21	0n 1	15n 1	1n20	24n13	0n58	23s59	0s38	24n 1	0n 6	16n 3	2s15	23s49	23s45	1s50		n.a.
S 2	22 8	11 6	4 17	14 47	4 1	17 1	6 0	6 4	0s 0	14 57	1 20	24 13	0 58	24 0	0 38	24 1	0 6	16 3	2 15	23 49	23 45	1 53		n.a.
M 3	21 59	6 31	4 49	14 54	4 3	17 9	5 54	5 47	0 1	14 52	1 20	24 12	0 58	24 0	0 38	24 1	0 6	16 4	2 15	23 49	23 45	1 55		n.a.
T 4	21 49	1 45	5 7	15 4	4 3	17 18	5 48	5 29	0 2	14 48	1 20	24 11	0 58	24 0	0 38	24 1	0 6	16 4	2 15	23 48	23 45	1 58		n.a.
W 5	21 38	3s 3	5 12	15 17	4 1	17 27	5 42	5 12	0 3	14 44	1 19	24 11	0 59	24 0	0 38	24 1	0 6	16 4	2 14	23 48	23 44	2 1		n.a.
T 6	21 27	7 43	5 4	15 33	3 58	17 36	5 36	4 54	0 4	14 40	1 19	24 10	0 59	24 1	0 38	24 1	0 6	16 4	2 14	23 48	23 44	2 3		n.a.
F 7	21 16	12 8	4 43	15 52	3 52	17 46	5 29	4 37	0 5	14 35	1 19	24 9	0 59	24 1	0 38	24 1	0 6	16 5	2 14	23 48	23 44	2 6		n.a.
S 8	21 4	16 8	4 9	16 13	3 45	17 55	5 23	4 19	0 6	14 31	1 19	24 8	0 59	24 1	0 38	24 1	0 6	16 5	2 14	23 48	23 44	2 9		n.a.
S 9	20 52	19 32	3 23	16 37	3 35	18 5	5 16	4 1	0 6	14 26	1 19	24 8	0 59	24 1	0 38	24 1	0 6	16 5	2 14	23 48	23 44	2 11		n.a.
M10	20 40	22 6	2 27	17 3	3 24	18 15	5 10	3 44	0 7	14 22	1 19	24 7	0 59	24 1	0 38	24 1	0 6	16 5	2 14	23 48	23 44	2 14		n.a.
T 11	20 27	23 38	1 22	17 30	3 10	18 24	5 3	3 26	0 8	14 18	1 19	24 6	0 59	24 2	0 38	24 1	0 6	16 5	2 14	23 48	23 43	2 17		n.a.
W12	20 14	23 53	0 10	17 59	2 55	18 34	4 56	3 8	0 9	14 13	1 19	24 6	0 59	24 2	0 38	24 1	0 6	16 6	2 14	23 48	23 43	2 20		n.a.
T 13	20 0	22 43	1n 4	18 27	2 38	18 44	4 49	2 50	0 10	14 9	1 19	24 5	0 59	24 2	0 38	24 1	0 6	16 6	2 14	23 48	23 43	2 22		n.a.
F 14	19 47	20 6	2 16	18 56	2 20	18 54	4 42	2 32	0 11	14 4	1 19	24 4	0 59	24 2	0 38	24 1	0 6	16 6	2 14	23 48	23 43	2 25		n.a.
S 15	19 32	16 11	3 22	19 24	2 2	19 3	4 35	2 14	0 12	14 0	1 19	24 4	1 0	24 2	0 38	24 1	0 6	16 6	2 14	23 48	23 43	2 28		n.a.
S 16	19 18	11 13	4 15	19 51	1 42	19 13	4 28	1 56	0 12	13 55	1 18	24 3	1 0	24 3	0 38	24 1	0 6	16 6	2 14	23 48	23 42	2 30		n.a.
M17	19 3	5 33	4 51	20 16	1 23	19 22	4 21	1 38	0 13	13 51	1 18	24 2	1 0	24 3	0 38	24 1	0 6	16 6	2 14	23 47	23 42	2 33		n.a.
T 18	18 48	0n25	5 8	20 39	1 3	19 32	4 14	1 20	0 14	13 46	1 18	24 1	1 0	24 3	0 38	24 1	0 6	16 7	2 14	23 47	23 42	2 36		n.a.
W19	18 32	6 18	5 4	21 1	0 44	19 41	4 7	1 1	0 15	13 42	1 18	24 1	1 0	24 3	0 38	24 1	0 6	16 7	2 14	23 47	23 42	2 38		n.a.
T 20	18 16	11 44	4 40	21 19	0 26	19 50	4 0	0 43	0 16	13 37	1 18	24 0	1 0	24 3	0 38	24 1	0 6	16 7	2 14	23 47	23 42	2 41		n.a.
F 21	18 0	16 26	4 0	21 35	0 8	19 58	3 53	0 25	0 17	13 33	1 18	23 59	1 0	24 3	0 38	24 1	0 6	16 7	2 14	23 47	23 42	2 44		n.a.
S 22	17 43	20 7	3 7	21 48	0n 9	20 7	3 46	0 7	0 17	13 28	1 18	23 59	1 0	24 4	0 38	24 1	0 6	16 7	2 14	23 47	23 41	2 46		n.a.
S 23	17 26	22 37	2 4	21 58	0 25	20 15	3 39	0s12	0 18	13 23	1 18	23 58	1 0	24 4	0 38	24 1	0 6	16 7	2 14	23 47	23 41	2 49		n.a.
M24	17 9	23 48	0 56	22 6	0 39	20 23	3 32	0 30	0 19	13 19	1 18	23 57	1 1	24 4	0 38	24 1	0 6	16 7	2 14	23 47	23 41	2 52		n.a.
T 25	16 52	23 39	0s14	22 10	0 52	20 31	3 25	0 49	0 20	13 14	1 18	23 56	1 1	24 4	0 38	24 1	0 6	16 7	2 14	23 47	23 41	2 54		n.a.
W26	16 34	22 16	1 21	22 10	1 4	20 38	3 18	1 7	0 21	13 9	1 18	23 56	1 1	24 4	0 38	24 1	0 6	16 7	2 14	23 47	23 41	2 57		n.a.
T 27	16 16	19 47	2 24	22 8	1 15	20 45	3 11	1 26	0 21	13 5	1 18	23 55	1 1	24 4	0 38	24 1	0 7	16 7	2 14	23 46	23 40	3 0		n.a.
F 28	15 57	16 26	3 18	22 3	1 24	20 51	3 4	1 44	0 22	13 0	1 18	23 54	1 1	24 4	0 38	24 1	0 7	16 8	2 14	23 46	23 40	3 2		n.a.
S 29	15 39	12 26	4 3	21 54	1 32	20 58	2 57	2 2	0 23	12 55	1 18	23 53	1 1	24 5	0 38	24 1	0 7	16 8	2 14	23 46	23 40	3 5		n.a.
S 30	15 20	7 59	4 36	21 43	1 39	21 3	2 50	2 21	0 24	12 50	1 18	23 53	1 1	24 5	0 38	24 1	0 7	16 8	2 14	23 45	23 40	3 8		n.a.
M31	15n 1	3n16	4s56	21n29	1n45	21n 9	2s43	2s39	0s25	12n46	1n18	23n52	1n 2	24s 5	0s38	24n 1	0n 7	16n 8	2s14	23s45	23s40	3s10		n.a.

Julian Day Number = 980543.5, Delta T = 13h14m22s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'13, Lahiri = -31°55'13 Julian Calendar 1 Aug. 2029 BCE == Greg. Calendar 15 July 2029 BCE

The year -2028 astronomical counting style corresponds to year 2029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

SEPTEMBER 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 33 10	21♌18'22	22♍16	4♌52	5♋ 8	6♎22	0♍38	16♋52	11°R 5	2♋18	20♉41	22°R56	21♐38	26♍22	n.a.	T 1
W 2	21 37 6	22°18'12	4♎ 8	6°23	6° 3	7° 6	0°51	16°59	11♂ 3	2°19	20°41	22♐46	21°34	26°29	n.a.	W 2
T 3	21 41 3	23°18'04	15°58	7°56	6°59	7°51	1° 4	17° 6	11° 1	2°21	20°41	22°37	21°31	26°35	n.a.	T 3
F 4	21 45 0	24°17'58	27°51	9°31	7°56	8°35	1°17	17°12	11° 0	2°22	20°41	22°31	21°28	26°42	n.a.	F 4
S 5	21 48 56	25°17'53	9♏50	11° 8	8°53	9°19	1°30	17°18	10°58	2°24	20°41	22°28	21°25	26°49	n.a.	S 5
S 6	21 52 53	26°17'51	22° 0	12°46	9°50	10° 4	1°44	17°25	10°57	2°25	20°41	22°D26	21°22	26°55	n.a.	S 6
M 7	21 56 49	27°17'51	4♐26	14°25	10°49	10°48	1°57	17°31	10°55	2°27	20°41	22°26	21°19	27° 2	n.a.	M 7
T 8	22 0 46	28°17'52	17°13	16° 5	11°47	11°33	2°10	17°37	10°54	2°28	20°R41	22°R27	21°15	27° 9	n.a.	T 8
W 9	22 4 42	29°17'55	0♑25	17°46	12°46	12°18	2°23	17°44	10°53	2°30	20°41	22°27	21°12	27°16	n.a.	W 9
T 10	22 8 39	0♍18'00	14° 7	19°27	13°46	13° 2	2°36	17°50	10°51	2°31	20°41	22°25	21° 9	27°22	n.a.	T 10
F 11	22 12 35	1°18'07	28°18	21° 8	14°46	13°47	2°50	17°56	10°50	2°32	20°41	22°20	21° 6	27°29	n.a.	F 11
S 12	22 16 32	2°18'16	12♒56	22°49	15°47	14°32	3° 3	18° 2	10°49	2°34	20°41	22°13	21° 3	27°36	n.a.	S 12
S 13	22 20 28	3°18'26	27°57	24°30	16°47	15°17	3°16	18° 8	10°48	2°35	20°41	22° 4	21° 0	27°42	n.a.	S 13
M14	22 24 25	4°18'39	13♓10	26°11	17°49	16° 2	3°29	18°14	10°46	2°36	20°41	21°53	20°56	27°49	n.a.	M14
T 15	22 28 22	5°18'53	28°26	27°52	18°51	16°47	3°43	18°20	10°45	2°38	20°41	21°43	20°53	27°56	n.a.	T 15
W16	22 32 18	6°19'09	13♈32	29°32	19°53	17°32	3°56	18°26	10°44	2°39	20°41	21°33	20°50	28° 3	n.a.	W16
T 17	22 36 15	7°19'28	28°21	1♍12	20°55	18°17	4° 9	18°31	10°43	2°40	20°40	21°26	20°47	28° 9	n.a.	T 17
F 18	22 40 11	8°19'49	12♉45	2°52	21°58	19° 2	4°22	18°37	10°42	2°41	20°40	21°21	20°44	28°16	n.a.	F 18
S 19	22 44 8	9°20'12	26°42	4°32	23° 1	19°47	4°36	18°43	10°41	2°42	20°40	21°19	20°40	28°23	n.a.	S 19
S 20	22 48 4	10°20'38	10♊14	6°11	24° 5	20°33	4°49	18°48	10°41	2°43	20°40	21°D19	20°37	28°30	n.a.	S 20
M21	22 52 1	11°21'05	23°22	7°50	25° 9	21°18	5° 2	18°54	10°40	2°44	20°39	21°R19	20°34	28°36	n.a.	M21
T 22	22 55 57	12°21'35	6♋10	9°28	26°13	22° 3	5°15	18°59	10°39	2°46	20°39	21°18	20°31	28°43	n.a.	T 22
W23	22 59 54	13°22'06	18°42	11° 6	27°18	22°49	5°28	19° 5	10°38	2°47	20°39	21°15	20°28	28°50	n.a.	W23
T 24	23 3 50	14°22'40	1♌ 1	12°44	28°23	23°34	5°42	19°10	10°38	2°47	20°38	21°10	20°25	28°56	n.a.	T 24
F 25	23 7 47	15°23'16	13°11	14°21	29°28	24°20	5°55	19°15	10°37	2°48	20°38	21° 2	20°21	29° 3	n.a.	F 25
S 26	23 11 44	16°23'53	25°15	15°58	0♌34	25° 6	6° 8	19°20	10°36	2°49	20°37	20°50	20°18	29°10	n.a.	S 26
S 27	23 15 40	17°24'32	7♍13	17°35	1°40	25°51	6°21	19°25	10°36	2°50	20°37	20°36	20°15	29°17	n.a.	S 27
M28	23 19 37	18°25'13	19° 8	19°11	2°46	26°37	6°34	19°30	10°35	2°51	20°36	20°21	20°12	29°23	n.a.	M28
T 29	23 23 33	19°25'56	1♎ 0	20°47	3°52	27°23	6°47	19°35	10°35	2°52	20°36	20° 6	20° 9	29°30	n.a.	T 29
W30	23 27 30	20♍26'40	12♎51	22♍23	4♌59	28♎ 9	7♍ 0	19♋40	10♂34	2♋53	20♉35	19♐52	20♐ 6	29♍37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n41	1s31	5s 4	21n12	1n49	21n14	2s36	2s58	0s25	12n41	1n18	23n51	1n 2	24s 5	0s38	24n 1	0n 7	16n 8	2s14	23s44	23s39	3s13		n.a.
W 2	14 22	6 13	4 58	20 53	1 53	21 18	2 29	3 16	0 26	12 36	1 18	23 51	1 2	24 5	0 38	24 1	0 7	16 8	2 14	23 43	23 39	3 16		n.a.
T 3	14 2	10 41	4 39	20 31	1 56	21 22	2 22	3 35	0 27	12 31	1 18	23 50	1 2	24 5	0 38	24 1	0 7	16 8	2 14	23 43	23 39	3 18		n.a.
F 4	13 41	14 46	4 9	20 7	1 57	21 26	2 16	3 54	0 28	12 26	1 18	23 49	1 2	24 5	0 38	24 1	0 7	16 8	2 14	23 43	23 39	3 21		n.a.
S 5	13 21	18 19	3 27	19 41	1 58	21 29	2 9	4 12	0 28	12 22	1 18	23 49	1 2	24 5	0 38	24 1	0 7	16 8	2 14	23 42	23 39	3 23		n.a.
S 6	13 0	21 7	2 35	19 13	1 59	21 31	2 2	4 31	0 29	12 17	1 18	23 48	1 2	24 6	0 38	24 1	0 7	16 8	2 14	23 42	23 38	3 26		n.a.
M 7	12 39	23 0	1 34	18 43	1 58	21 33	1 56	4 49	0 30	12 12	1 17	23 47	1 2	24 6	0 38	24 1	0 7	16 8	2 14	23 42	23 38	3 29		n.a.
T 8	12 18	23 46	0 28	18 12	1 57	21 35	1 49	5 7	0 31	12 7	1 17	23 46	1 3	24 6	0 38	24 1	0 7	16 8	2 14	23 42	23 38	3 31		n.a.
W 9	11 57	23 13	0n42	17 39	1 56	21 36	1 43	5 26	0 31	12 2	1 17	23 46	1 3	24 6	0 38	24 1	0 7	16 8	2 14	23 42	23 38	3 34		n.a.
T 10	11 36	21 18	1 52	17 5	1 53	21 36	1 36	5 44	0 32	11 57	1 17	23 45	1 3	24 6	0 38	24 1	0 7	16 8	2 14	23 42	23 37	3 37		n.a.
F 11	11 14	18 1	2 58	16 29	1 51	21 36	1 30	6 3	0 33	11 52	1 17	23 44	1 3	24 6	0 38	24 1	0 7	16 8	2 14	23 42	23 37	3 39		n.a.
S 12	10 52	13 32	3 54	15 53	1 48	21 35	1 24	6 21	0 33	11 48	1 17	23 44	1 3	24 6	0 38	24 1	0 7	16 8	2 14	23 42	23 37	3 42		n.a.
S 13	10 30	8 8	4 35	15 15	1 44	21 34	1 17	6 39	0 34	11 43	1 17	23 43	1 3	24 6	0 38	24 1	0 7	16 8	2 14	23 41	23 37	3 45		n.a.
M14	10 8	2 10	4 58	14 37	1 40	21 32	1 11	6 58	0 35	11 38	1 17	23 42	1 4	24 6	0 38	24 1	0 7	16 8	2 14	23 40	23 37	3 47		n.a.
T 15	9 45	3n55	4 59	13 58	1 36	21 30	1 5	7 16	0 35	11 33	1 17	23 42	1 4	24 6	0 38	24 1	0 7	16 8	2 14	23 40	23 36	3 50		n.a.
W16	9 22	9 44	4 40	13 17	1 32	21 27	0 59	7 34	0 36	11 28	1 17	23 41	1 4	24 6	0 38	24 1	0 7	16 8	2 14	23 39	23 36	3 52		n.a.
T 17	9 0	14 51	4 2	12 37	1 27	21 23	0 53	7 52	0 37	11 23	1 17	23 40	1 4	24 6	0 38	24 1	0 7	16 8	2 14	23 39	23 36	3 55		n.a.
F 18	8 37	18 58	3 9	11 55	1 22	21 19	0 47	8 11	0 37	11 18	1 17	23 40	1 4	24 7	0 38	24 1	0 7	16 8	2 14	23 38	23 36	3 58		n.a.
S 19	8 14	21 52	2 6	11 14	1 17	21 14	0 42	8 29	0 38	11 13	1 17	23 39	1 4	24 7	0 38	24 1	0 7	16 8	2 14	23 38	23 35	4 0		n.a.
S 20	7 50	23 24	0 58	10 31	1 11	21 9	0 36	8 47	0 39	11 8	1 17	23 38	1 4	24 7	0 38	24 1	0 7	16 8	2 14	23 38	23 35	4 3		n.a.
M21	7 27	23 35	0s11	9 49	1 6	21 2	0 30	9 5	0 39	11 3	1 17	23 38	1 5	24 7	0 37	24 1	0 7	16 8	2 14	23 38	23 35	4 5		n.a.
T 22	7 4	22 29	1 18	9 6	1 0	20 56	0 25	9 23	0 40	10 58	1 18	23 37	1 5	24 7	0 37	24 1	0 7	16 7	2 14	23 38	23 35	4 8		n.a.
W23	6 40	20 18	2 19	8 22	0 54	20 48	0 19	9 41	0 41	10 53	1 18	23 37	1 5	24 7	0 37	24 1	0 7	16 7	2 14	23 38	23 35	4 11		n.a.
T 24	6 16	17 12	3 13	7 39	0 48	20 41	0 14	9 58	0 41	10 48	1 18	23 36	1 5	24 7	0 37	24 1	0 7	16 7	2 14	23 38	23 34	4 13		n.a.
F 25	5 52	13 25	3 57	6 55	0 42	20 32	0 9	10 16	0 42	10 44	1 18	23 35	1 5	24 7	0 37	24 1	0 7	16 7	2 14	23 37	23 34	4 16		n.a.
S 26	5 28	9 8	4 30	6 11	0 35	20 23	0 4	10 34	0 43	10 39	1 18	23 35	1 5	24 7	0 37	24 1	0 7	16 7	2 14	23 36	23 34	4 18		n.a.
S 27	5 4	4 32	4 51	5 27	0 29	20 13	0n 1	10 51	0 43	10 34	1 18	23 34	1 6	24 7	0 37	24 1	0 7	16 7	2 14	23 35	23 34	4 21		n.a.
M28	4 40	0s11	4 59	4 43	0 23	20 3	0 6	11 9	0 44	10 29	1 18	23 34	1 6	24 7	0 37	24 1	0 7	16 7	2 14	23 34	23 33	4 24		n.a.
T 29	4 16	4 53	4 54	3 58	0 16	19 52	0 11	11 26	0 44	10 24	1 18	23 33	1 6	24 7	0 37	24 1	0 7	16 7	2 14	23 33	23 33	4 26		n.a.
W30	3n52	9s24	4s36	3n14	0n10	19n40	0n16	11s44	0s45	10n19	1n18	23n33	1n 6	24s 7	0s37	24n 1	0n 7	16n 7	2s14	23s32	23s33	4s29		n.a.

Julian Day Number = 980574.5, Delta T = 13h14m20s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'09, Lahiri = -31°55'09 Julian Calendar 1 Sept. 2029 BCE == Greg. Calendar 15 Aug. 2029 BCE

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

OCTOBER 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 31 26	21♍27'26	24♎43	23♍58	6♌ 5	28♎55	7♍13	19♋45	10°R34	2♋53	20°R35	19°R40	20♐ 2	29♍43	n.a.	T 1
F 2	23 35 23	22°28'13	6♏38	25°33	7°12	29°40	7°26	19°50	10♑34	2°54	20♉34	19♐31	19°59	29°50	n.a.	F 2
S 3	23 39 19	23°29'01	18°38	27° 8	8°20	0♏26	7°39	19°54	10°34	2°55	20°34	19°25	19°56	29°57	n.a.	S 3
S 4	23 43 16	24°29'51	0♐47	28°42	9°27	1°12	7°52	19°59	10°33	2°55	20°33	19°22	19°53	0♎ 4	n.a.	S 4
M 5	23 47 13	25°30'42	13°10	0♎16	10°35	1°59	8° 5	20° 3	10°33	2°56	20°33	19°21	19°50	0°10	n.a.	M 5
T 6	23 51 9	26°31'35	25°51	1°50	11°43	2°45	8°18	20° 8	10°33	2°57	20°32	19°21	19°46	0°17	n.a.	T 6
W 7	23 55 6	27°32'28	8♑55	3°24	12°51	3°31	8°31	20°12	10°D33	2°57	20°31	19°21	19°43	0°24	n.a.	W 7
T 8	23 59 2	28°33'23	22°27	4°58	14° 0	4°17	8°44	20°16	10°33	2°58	20°31	19°19	19°40	0°31	n.a.	T 8
F 9	0 2 59	29°34'18	6♒28	6°31	15° 8	5° 3	8°57	20°20	10°33	2°58	20°30	19°15	19°37	0°37	n.a.	F 9
S 10	0 6 55	0♎35'15	20°59	8° 5	16°17	5°50	9°10	20°24	10°33	2°59	20°29	19° 8	19°34	0°44	n.a.	S 10
S 11	0 10 52	1°36'13	5♓56	9°38	17°26	6°36	9°22	20°28	10°34	2°59	20°28	18°58	19°31	0°51	n.a.	S 11
M12	0 14 48	2°37'11	21°11	11°11	18°35	7°22	9°35	20°32	10°34	2°59	20°28	18°48	19°27	0°57	n.a.	M12
T 13	0 18 45	3°38'11	6♈34	12°44	19°44	8° 9	9°48	20°36	10°34	3° 0	20°27	18°36	19°24	1° 4	n.a.	T 13
W14	0 22 42	4°39'12	21°52	14°16	20°54	8°55	10° 1	20°39	10°34	3° 0	20°26	18°26	19°21	1°11	n.a.	W14
T 15	0 26 38	5°40'15	6♉56	15°49	22° 4	9°42	10°13	20°43	10°35	3° 0	20°25	18°18	19°18	1°18	n.a.	T 15
F 16	0 30 35	6°41'18	21°35	17°21	23°14	10°28	10°26	20°46	10°35	3° 1	20°24	18°13	19°15	1°24	n.a.	F 16
S 17	0 34 31	7°42'23	5♊46	18°54	24°24	11°15	10°38	20°50	10°36	3° 1	20°23	18°10	19°11	1°31	n.a.	S 17
S 18	0 38 28	8°43'30	19°27	20°26	25°34	12° 1	10°51	20°53	10°36	3° 1	20°23	18°D10	19° 8	1°38	n.a.	S 18
M19	0 42 24	9°44'38	2♋41	21°58	26°44	12°48	11° 3	20°56	10°37	3° 1	20°22	18°10	19° 5	1°44	n.a.	M19
T 20	0 46 21	10°45'47	15°30	23°30	27°55	13°35	11°16	20°59	10°37	3° 1	20°21	18°R10	19° 2	1°51	n.a.	T 20
W21	0 50 17	11°46'57	28° 0	25° 1	29° 5	14°21	11°28	21° 2	10°38	3° 1	20°20	18° 9	18°59	1°58	n.a.	W21
T 22	0 54 14	12°48'08	10♌14	26°33	0♍16	15° 8	11°40	21° 5	10°39	3°R 1	20°19	18° 5	18°56	2° 5	n.a.	T 22
F 23	0 58 11	13°49'20	22°18	28° 4	1°27	15°55	11°52	21° 8	10°40	3° 1	20°18	17°59	18°52	2°11	n.a.	F 23
S 24	1 2 7	14°50'34	4♍15	29°35	2°38	16°41	12° 5	21°11	10°40	3° 1	20°17	17°50	18°49	2°18	n.a.	S 24
S 25	1 6 4	15°51'48	16° 8	1♏ 5	3°49	17°28	12°17	21°13	10°41	3° 1	20°16	17°39	18°46	2°25	n.a.	S 25
M26	1 10 0	16°53'03	27°59	2°35	5° 0	18°15	12°29	21°16	10°42	3° 1	20°15	17°26	18°43	2°32	n.a.	M26
T 27	1 13 57	17°54'19	9♎51	4° 5	6°12	19° 2	12°41	21°18	10°43	3° 1	20°14	17°14	18°40	2°38	n.a.	T 27
W28	1 17 53	18°55'36	21°45	5°33	7°23	19°49	12°53	21°21	10°44	3° 1	20°13	17° 2	18°37	2°45	n.a.	W28
T 29	1 21 50	19°56'53	3♏42	7° 1	8°35	20°36	13° 5	21°23	10°45	3° 1	20°12	16°52	18°33	2°52	n.a.	T 29
F 30	1 25 46	20°58'11	15°44	8°28	9°47	21°23	13°16	21°25	10°47	3° 0	20°11	16°45	18°30	2°58	n.a.	F 30
S 31	1 29 43	21♎59'29	27♏52	9♏54	10♍58	22♏10	13♍28	21♋27	10♑48	3♋ 0	20♉10	16♐40	18♐27	3♎ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat	
T 1	3n27	13s34	4s 6	2n30	0n 3	19n28	0n21	12s 1	0s46	10n14	1n18	23n32	1n 6	24s 7	0s37	24n 1	0n 7	16n 6	2s14	23s31	23s33	4s31						n.a.
F 2	3 3	17 13	3 25	1 45	0s 3	19 15	0 25	12 18	0 46	10 9	1 18	23 32	1 7	24 7	0 37	24 1	0 7	16 6	2 14	23 30	23 32	4 34						n.a.
S 3	2 38	20 11	2 35	1 1	0 9	19 2	0 30	12 35	0 47	10 4	1 18	23 31	1 7	24 7	0 37	24 1	0 7	16 6	2 14	23 30	23 32	4 37						n.a.
S 4	2 14	22 18	1 36	0 17	0 16	18 48	0 34	12 52	0 47	9 59	1 18	23 31	1 7	24 7	0 37	24 1	0 7	16 6	2 14	23 29	23 32	4 39						n.a.
M 5	1 49	23 23	0 33	0s27	0 22	18 33	0 39	13 9	0 48	9 54	1 18	23 30	1 7	24 7	0 37	24 1	0 7	16 6	2 14	23 29	23 32	4 42						n.a.
T 6	1 24	23 17	0n34	1 11	0 29	18 18	0 43	13 26	0 48	9 49	1 18	23 30	1 7	24 7	0 37	24 1	0 7	16 6	2 14	23 29	23 31	4 44						n.a.
W 7	1 0	21 56	1 42	1 55	0 35	18 3	0 47	13 42	0 49	9 45	1 18	23 29	1 7	24 7	0 37	24 1	0 7	16 6	2 14	23 29	23 31	4 47						n.a.
T 8	0 35	19 18	2 45	2 39	0 41	17 47	0 51	13 59	0 50	9 40	1 18	23 29	1 8	24 7	0 37	24 1	0 7	16 5	2 14	23 29	23 31	4 50						n.a.
F 9	0 10	15 28	3 42	3 22	0 48	17 30	0 55	14 15	0 50	9 35	1 18	23 28	1 8	24 7	0 37	24 1	0 7	16 5	2 14	23 29	23 31	4 52						n.a.
S 10	0s14	10 36	4 26	4 5	0 54	17 12	0 59	14 32	0 51	9 30	1 18	23 28	1 8	24 7	0 37	24 1	0 7	16 5	2 14	23 28	23 30	4 55						n.a.
S 11	0 39	4 59	4 53	4 48	1 0	16 55	1 2	14 48	0 51	9 25	1 18	23 27	1 8	24 7	0 37	24 1	0 7	16 5	2 14	23 28	23 30	4 57						n.a.
M12	1 4	1n 2	5 1	5 31	1 6	16 36	1 6	15 4	0 52	9 20	1 18	23 27	1 8	24 7	0 37	24 1	0 7	16 5	2 14	23 27	23 30	5 0						n.a.
T 13	1 28	7 1	4 46	6 13	1 11	16 17	1 9	15 20	0 52	9 15	1 18	23 27	1 9	24 7	0 37	24 1	0 7	16 4	2 14	23 26	23 30	5 2						n.a.
W14	1 53	12 34	4 12	6 55	1 17	15 58	1 13	15 35	0 53	9 11	1 19	23 26	1 9	24 7	0 37	24 1	0 7	16 4	2 14	23 25	23 29	5 5						n.a.
T 15	2 18	17 14	3 20	7 37	1 23	15 38	1 16	15 51	0 53	9 6	1 19	23 26	1 9	24 6	0 37	24 1	0 7	16 4	2 14	23 24	23 29	5 7						n.a.
F 16	2 42	20 43	2 16	8 18	1 28	15 18	1 19	16 6	0 54	9 1	1 19	23 25	1 9	24 6	0 37	24 1	0 7	16 4	2 14	23 24	23 29	5 10						n.a.
S 17	3 7	22 47	1 5	8 59	1 33	14 57	1 22	16 22	0 54	8 56	1 19	23 25	1 9	24 6	0 37	24 1	0 7	16 4	2 14	23 23	23 29	5 13						n.a.
S 18	3 32	23 23	0s 7	9 39	1 38	14 35	1 25	16 37	0 55	8 52	1 19	23 25	1 10	24 6	0 37	24 1	0 7	16 3	2 14	23 23	23 28	5 15						n.a.
M19	3 56	22 38	1 16	10 19	1 43	14 14	1 28	16 52	0 55	8 47	1 19	23 24	1 10	24 6	0 37	24 1	0 7	16 3	2 14	23 23	23 28	5 18						n.a.
T 20	4 21	20 41	2 20	10 58	1 48	13 51	1 31	17 7	0 55	8 42	1 19	23 24	1 10	24 6	0 37	24 1	0 7	16 3	2 14	23 23	23 28	5 20						n.a.
W21	4 45	17 48	3 15	11 37	1 52	13 29	1 33	17 21	0 56	8 37	1 19	23 24	1 10	24 6	0 37	24 1	0 7	16 3	2 14	23 23	23 28	5 23						n.a.
T 22	5 9	14 11	4 0	12 15	1 56	13 6	1 36	17 36	0 56	8 33	1 19	23 24	1 10	24 6	0 37	24 1	0 7	16 3	2 14	23 23	23 27	5 25						n.a.
F 23	5 34	10 3	4 33	12 52	2 0	12 42	1 38	17 50	0 57	8 28	1 19	23 23	1 11	24 6	0 37	24 1	0 7	16 2	2 14	23 22	23 27	5 28						n.a.
S 24	5 58	5 35	4 55	13 28	2 3	12 18	1 40	18 5	0 57	8 23	1 19	23 23	1 11	24 6	0 37	24 1	0 7	16 2	2 14	23 21	23 27	5 30						n.a.
S 25	6 22	0 57	5 3	14 4	2 7	11 54	1 43	18 19	0 58	8 19	1 20	23 23	1 11	24 6	0 37	24 1	0 8	16 2	2 14	23 20	23 26	5 33						n.a.
M26	6 46	3s43	4 58	14 38	2 9	11 29	1 45	18 32	0 58	8 14	1 20	23 23	1 11	24 6	0 37	24 1	0 8	16 2	2 14	23 19	23 26	5 35						n.a.
T 27	7 10	8 15	4 40	15 12	2 12	11 4	1 47	18 46	0 58	8 9	1 20	23 23	1 11	24 5	0 37	24 1	0 8	16 1	2 14	23 18	23 26	5 38						n.a.
W28	7 34	12 30	4 10	15 44	2 14	10 39	1 48	18 59	0 59	8 5	1 20	23 22	1 12	24 5	0 37	24 1	0 8	16 1	2 13	23 17	23 26	5 41						n.a.
T 29	7 57	16 16	3 29	16 15	2 15	10 13	1 50	19 13	0 59	8 0	1 20	23 22	1 12	24 5	0 37	24 1	0 8	16 1	2 13	23 16	23 25	5 43						n.a.
F 30	8 21	19 23	2 38	16 45	2 16	9 47	1 52	19 26	1 0	7 56	1 20	23 22	1 12	24 5	0 37	24 1	0 8	16 1	2 13	23 15	23 25	5 46						n.a.
S 31	8s44	21s41	1s39	17s14	2s17	9n20	1n53	19s39	1s 0	7n51	1n20	23n22	1n12	24s 5	0s36	24n 1	0n 8	16n 0	2s13	23s15	23s25	5s48						n.a.

Julian Day Number = 980604.5, Delta T = 13h14m18s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'05, Lahiri = -31°55'05 Julian Calendar 1 Oct. 2029 BCE == Greg. Calendar 14 Sept. 2029 BCE

The year -2028 astronomical counting style corresponds to year 2029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

NOVEMBER 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 33 40	23♎ 0'48	10♐ 8	11♏18	12♍10	22♏57	13♍40	21♋29	10♑49	3°R 0	20°R 8	16°R38	18♐24	3♎12	n.a.	S 1
M 2	1 37 36	24° 2'07	22°36	12°41	13°22	23°44	13°52	21°31	10°50	2♋59	20♉ 7	16°D38	18°21	3°19	n.a.	M 2
T 3	1 41 33	25° 3'26	5♑19	14° 2	14°34	24°31	14° 3	21°32	10°52	2°59	20° 6	16♐39	18°17	3°25	n.a.	T 3
W 4	1 45 29	26° 4'45	18°21	15°21	15°47	25°18	14°15	21°34	10°53	2°59	20° 5	16°40	18°14	3°32	n.a.	W 4
T 5	1 49 26	27° 6'05	1♒45	16°37	16°59	26° 5	14°26	21°35	10°54	2°58	20° 4	16°R41	18°11	3°39	n.a.	T 5
F 6	1 53 22	28° 7'24	15°34	17°50	18°11	26°52	14°37	21°37	10°56	2°58	20° 3	16°39	18° 8	3°45	n.a.	F 6
S 7	1 57 19	29° 8'43	29°49	18°59	19°24	27°39	14°49	21°38	10°57	2°57	20° 2	16°35	18° 5	3°52	n.a.	S 7
S 8	2 1 16	0♏10'02	14♓28	20° 5	20°36	28°26	15° 0	21°39	10°59	2°57	20° 0	16°30	18° 2	3°59	n.a.	S 8
M 9	2 5 12	1°11'21	29°25	21° 5	21°49	29°13	15°11	21°40	11° 1	2°56	19°59	16°23	17°58	4° 6	n.a.	M 9
T 10	2 9 9	2°12'40	14♈34	22° 0	23° 1	0♐ 0	15°22	21°41	11° 2	2°55	19°58	16°16	17°55	4°12	n.a.	T 10
W11	2 13 5	3°13'59	29°45	22°49	24°14	0°48	15°33	21°42	11° 4	2°55	19°57	16° 9	17°52	4°19	n.a.	W11
T 12	2 17 2	4°15'18	14♉47	23°30	25°27	1°35	15°44	21°42	11° 6	2°54	19°56	16° 4	17°49	4°26	n.a.	T 12
F 13	2 20 58	5°16'37	29°31	24° 3	26°40	2°22	15°54	21°43	11° 8	2°53	19°54	16° 1	17°46	4°32	n.a.	F 13
S 14	2 24 55	6°17'56	13♊50	24°27	27°53	3° 9	16° 5	21°44	11° 9	2°53	19°53	16°D 0	17°42	4°39	n.a.	S 14
S 15	2 28 51	7°19'15	27°41	24°42	29° 6	3°56	16°16	21°44	11°11	2°52	19°52	16° 0	17°39	4°46	n.a.	S 15
M16	2 32 48	8°20'35	11♋ 5	24°R45	0♎19	4°44	16°26	21°44	11°13	2°51	19°51	16° 2	17°36	4°53	n.a.	M16
T 17	2 36 45	9°21'54	24° 2	24°38	1°32	5°31	16°36	21°44	11°15	2°50	19°50	16° 3	17°33	4°59	n.a.	T 17
W18	2 40 41	10°23'14	6♌37	24°18	2°45	6°18	16°47	21°R44	11°17	2°49	19°48	16°R 4	17°30	5° 6	n.a.	W18
T 19	2 44 38	11°24'34	18°54	23°47	3°58	7° 5	16°57	21°44	11°19	2°48	19°47	16° 4	17°27	5°13	n.a.	T 19
F 20	2 48 34	12°25'53	0♍58	23° 4	5°12	7°52	17° 7	21°44	11°21	2°48	19°46	16° 2	17°23	5°20	n.a.	F 20
S 21	2 52 31	13°27'12	12°54	22°11	6°25	8°40	17°17	21°44	11°24	2°47	19°45	15°59	17°20	5°26	n.a.	S 21
S 22	2 56 27	14°28'32	24°45	21° 8	7°38	9°27	17°27	21°44	11°26	2°46	19°43	15°54	17°17	5°33	n.a.	S 22
M23	3 0 24	15°29'51	6♎36	19°57	8°52	10°14	17°37	21°43	11°28	2°45	19°42	15°49	17°14	5°40	n.a.	M23
T 24	3 4 21	16°31'10	18°29	18°41	10° 5	11° 1	17°46	21°42	11°30	2°44	19°41	15°43	17°11	5°46	n.a.	T 24
W25	3 8 17	17°32'28	0♏27	17°22	11°19	11°49	17°56	21°42	11°33	2°43	19°40	15°38	17° 8	5°53	n.a.	W25
T 26	3 12 14	18°33'46	12°32	16° 2	12°32	12°36	18° 5	21°41	11°35	2°42	19°38	15°33	17° 4	6° 0	n.a.	T 26
F 27	3 16 10	19°35'03	24°45	14°44	13°46	13°23	18°15	21°40	11°37	2°40	19°37	15°30	17° 1	6° 7	n.a.	F 27
S 28	3 20 7	20°36'20	7♐ 7	13°31	14°59	14°10	18°24	21°39	11°40	2°39	19°36	15°29	16°58	6°13	n.a.	S 28
S 29	3 24 3	21°37'37	19°40	12°24	16°13	14°58	18°33	21°38	11°42	2°38	19°34	15°D29	16°55	6°20	n.a.	S 29
M30	3 28 0	22♏38'52	2♑24	11♏24	17♎27	15♐45	18♍42	21♋37	11♑45	2♋37	19♉33	15♐29	16♐52	6♎27	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 7	23s 0	0s35	17s41	2s17	8n54	1n55	19s51	1s 0	7n47	1n20	23n22	1n13	24s 5	0s36	24n 1	0n 8	16n 0	2s13	23s14	23s24	5s51		n.a.
M 2	9 30	23 11	0n32	18 7	2 16	8 27	1 56	20 4	1 1	7 42	1 20	23 22	1 13	24 5	0 36	24 1	0 8	16 0	2 13	23 14	23 24	5 53		n.a.
T 3	9 53	22 10	1 39	18 31	2 15	7 59	1 57	20 16	1 1	7 38	1 21	23 22	1 13	24 5	0 36	24 1	0 8	15 59	2 13	23 15	23 24	5 56		n.a.
W 4	10 16	19 58	2 42	18 52	2 12	7 32	1 58	20 28	1 1	7 34	1 21	23 22	1 13	24 4	0 36	24 1	0 8	15 59	2 13	23 15	23 24	5 58		n.a.
T 5	10 39	16 37	3 39	19 12	2 9	7 4	1 59	20 40	1 2	7 29	1 21	23 22	1 13	24 4	0 36	24 1	0 8	15 59	2 13	23 15	23 23	6 1		n.a.
F 6	11 1	12 17	4 24	19 30	2 6	6 36	2 0	20 51	1 2	7 25	1 21	23 22	1 14	24 4	0 36	24 1	0 8	15 59	2 13	23 14	23 23	6 3		n.a.
S 7	11 23	7 10	4 55	19 45	2 1	6 8	2 1	21 3	1 2	7 21	1 21	23 22	1 14	24 4	0 36	24 1	0 8	15 58	2 13	23 14	23 23	6 6		n.a.
S 8	11 46	1 31	5 8	19 58	1 55	5 39	2 2	21 14	1 3	7 16	1 21	23 22	1 14	24 4	0 36	24 1	0 8	15 58	2 13	23 14	23 22	6 8		n.a.
M 9	12 7	4n20	5 0	20 8	1 48	5 10	2 2	21 25	1 3	7 12	1 21	23 22	1 14	24 4	0 36	24 1	0 8	15 58	2 13	23 13	23 22	6 11		n.a.
T 10	12 29	10 1	4 32	20 15	1 40	4 42	2 3	21 36	1 3	7 8	1 22	23 22	1 14	24 4	0 36	24 1	0 8	15 58	2 13	23 12	23 22	6 13		n.a.
W11	12 51	15 5	3 44	20 19	1 31	4 13	2 3	21 46	1 4	7 4	1 22	23 22	1 15	24 3	0 36	24 1	0 8	15 57	2 13	23 11	23 22	6 16		n.a.
T 12	13 12	19 9	2 41	20 19	1 20	3 43	2 3	21 56	1 4	6 59	1 22	23 22	1 15	24 3	0 36	24 1	0 8	15 57	2 13	23 11	23 21	6 18		n.a.
F 13	13 33	21 53	1 28	20 16	1 9	3 14	2 3	22 6	1 4	6 55	1 22	23 22	1 15	24 3	0 36	24 2	0 8	15 57	2 13	23 11	23 21	6 21		n.a.
S 14	13 54	23 7	0 12	20 10	0 55	2 44	2 3	22 16	1 4	6 51	1 22	23 22	1 15	24 3	0 36	24 2	0 8	15 56	2 13	23 10	23 21	6 23		n.a.
S 15	14 14	22 51	1s 3	19 59	0 41	2 15	2 3	22 25	1 5	6 47	1 22	23 22	1 16	24 3	0 36	24 2	0 8	15 56	2 13	23 10	23 20	6 26		n.a.
M16	14 34	21 15	2 12	19 45	0 25	1 45	2 3	22 35	1 5	6 43	1 22	23 23	1 16	24 2	0 36	24 2	0 8	15 56	2 13	23 11	23 20	6 28		n.a.
T 17	14 54	18 35	3 12	19 26	0 8	1 15	2 3	22 44	1 5	6 39	1 23	23 23	1 16	24 2	0 36	24 2	0 8	15 56	2 13	23 11	23 20	6 31		n.a.
W18	15 14	15 7	4 1	19 4	0n11	0 45	2 3	22 52	1 5	6 35	1 23	23 23	1 16	24 2	0 36	24 2	0 8	15 55	2 13	23 11	23 20	6 33		n.a.
T 19	15 34	11 4	4 38	18 37	0 30	0 15	2 2	23 1	1 6	6 31	1 23	23 23	1 16	24 2	0 36	24 2	0 8	15 55	2 13	23 11	23 19	6 36		n.a.
F 20	15 53	6 40	5 1	18 7	0 50	0s15	2 2	23 9	1 6	6 28	1 23	23 24	1 17	24 2	0 36	24 2	0 8	15 55	2 13	23 11	23 19	6 38		n.a.
S 21	16 12	2 4	5 11	17 34	1 10	0 45	2 1	23 17	1 6	6 24	1 23	23 24	1 17	24 1	0 36	24 2	0 8	15 54	2 12	23 10	23 19	6 41		n.a.
S 22	16 30	2s34	5 8	16 58	1 30	1 15	2 1	23 25	1 6	6 20	1 23	23 24	1 17	24 1	0 36	24 2	0 8	15 54	2 12	23 10	23 18	6 43		n.a.
M23	16 49	7 7	4 52	16 20	1 49	1 45	2 0	23 32	1 6	6 16	1 24	23 24	1 17	24 1	0 36	24 2	0 8	15 54	2 12	23 9	23 18	6 45		n.a.
T 24	17 7	11 25	4 23	15 42	2 7	2 15	1 59	23 39	1 7	6 13	1 24	23 25	1 18	24 1	0 36	24 2	0 8	15 54	2 12	23 9	23 18	6 48		n.a.
W25	17 25	15 19	3 42	15 4	2 24	2 45	1 58	23 46	1 7	6 9	1 24	23 25	1 18	24 1	0 36	24 2	0 8	15 53	2 12	23 8	23 17	6 50		n.a.
T 26	17 42	18 37	2 51	14 26	2 39	3 15	1 57	23 52	1 7	6 5	1 24	23 25	1 18	24 0	0 36	24 2	0 8	15 53	2 12	23 8	23 17	6 53		n.a.
F 27	17 59	21 8	1 51	13 52	2 52	3 46	1 56	23 59	1 7	6 2	1 24	23 26	1 18	24 0	0 36	24 2	0 8	15 53	2 12	23 7	23 17	6 55		n.a.
S 28	18 16	22 42	0 46	13 20	3 2	4 16	1 55	24 5	1 7	5 58	1 25	23 26	1 18	24 0	0 36	24 2	0 8	15 52	2 12	23 7	23 16	6 58		n.a.
S 29	18 32	23 8	0n23	12 52	3 10	4 45	1 54	24 11	1 7	5 55	1 25	23 26	1 19	24 0	0 36	24 2	0 8	15 52	2 12	23 7	23 16	7 0		n.a.
M30	18s48	22s22	1n32	12s28	3n16	5s15	1n53	24s16	1s 8	5n51	1n25	23n27	1n19	23s59	0s36	24n 2	0n 8	15n52	2s12	23s 7	23s16	7s 3		n.a.

Julian Day Number = 980635.5, Delta T = 13h14m16s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°02'01, Lahiri = -31°55'01 Julian Calendar 1 Nov. 2029 BCE == Greg. Calendar 15 Oct. 2029 BCE

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ASTRODIENST EPHEMERIS for the year 2029 BCE
geocentric

DECEMBER 2029 BCE (-2028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 31 57	23♏40'06	15♉21	10°R34	18♎40	16♐32	18♍51	21°R35	11♉47	2°R36	19°R32	15♐31	16♐48	6♎33	n.a.	T 1
W 2	3 35 53	24°41'20	28°33	9♏52	19°54	17°19	19° 0	21♋34	11°50	2♋35	19♉31	15°32	16°45	6°40	n.a.	W 2
T 3	3 39 50	25°42'32	12♒ 1	9°20	21° 8	18° 7	19° 8	21°32	11°52	2°33	19°29	15°34	16°42	6°47	n.a.	T 3
F 4	3 43 46	26°43'43	25°46	8°57	22°22	18°54	19°17	21°30	11°55	2°32	19°28	15°R34	16°39	6°54	n.a.	F 4
S 5	3 47 43	27°44'53	9♓48	8°44	23°35	19°41	19°25	21°29	11°58	2°31	19°27	15°34	16°36	7° 0	n.a.	S 5
S 6	3 51 39	28°46'02	24° 8	8°D39	24°49	20°28	19°34	21°27	12° 0	2°29	19°26	15°33	16°33	7° 7	n.a.	S 6
M 7	3 55 36	29°47'09	8♈41	8°43	26° 3	21°16	19°42	21°25	12° 3	2°28	19°24	15°31	16°29	7°14	n.a.	M 7
T 8	3 59 32	0♐48'15	23°23	8°54	27°17	22° 3	19°50	21°23	12° 6	2°27	19°23	15°29	16°26	7°20	n.a.	T 8
W 9	4 3 29	1°49'20	8♉ 8	9°13	28°31	22°50	19°58	21°21	12° 9	2°25	19°22	15°27	16°23	7°27	n.a.	W 9
T 10	4 7 26	2°50'24	22°50	9°37	29°44	23°37	20° 5	21°18	12°11	2°24	19°21	15°26	16°20	7°34	n.a.	T 10
F 11	4 11 22	3°51'26	7♊20	10° 8	0♏58	24°24	20°13	21°16	12°14	2°23	19°19	15°25	16°17	7°41	n.a.	F 11
S 12	4 15 19	4°52'28	21°32	10°44	2°12	25°11	20°21	21°14	12°17	2°21	19°18	15°D25	16°14	7°47	n.a.	S 12
S 13	4 19 15	5°53'28	5♋23	11°25	3°26	25°58	20°28	21°11	12°20	2°20	19°17	15°25	16°10	7°54	n.a.	S 13
M14	4 23 12	6°54'28	18°50	12°10	4°40	26°46	20°35	21° 8	12°23	2°18	19°16	15°26	16° 7	8° 1	n.a.	M14
T 15	4 27 8	7°55'26	1♌54	12°59	5°54	27°33	20°42	21° 6	12°26	2°17	19°15	15°27	16° 4	8° 7	n.a.	T 15
W16	4 31 5	8°56'23	14°35	13°52	7° 8	28°20	20°49	21° 3	12°29	2°15	19°13	15°28	16° 1	8°14	n.a.	W16
T 17	4 35 2	9°57'19	26°58	14°48	8°22	29° 7	20°56	21° 0	12°32	2°14	19°12	15°28	15°58	8°21	n.a.	T 17
F 18	4 38 58	10°58'14	9♍ 6	15°48	9°36	29°54	21° 3	20°57	12°35	2°12	19°11	15°R28	15°54	8°28	n.a.	F 18
S 19	4 42 55	11°59'08	21° 4	16°50	10°50	0♉41	21° 9	20°54	12°38	2°11	19°10	15°28	15°51	8°34	n.a.	S 19
S 20	4 46 51	13° 0'00	2♎56	17°54	12° 4	1°28	21°15	20°51	12°41	2° 9	19° 9	15°28	15°48	8°41	n.a.	S 20
M21	4 50 48	14° 0'52	14°47	19° 1	13°18	2°15	21°22	20°48	12°44	2° 8	19° 8	15°28	15°45	8°48	n.a.	M21
T 22	4 54 44	15° 1'42	26°42	20°10	14°32	3° 2	21°28	20°44	12°47	2° 6	19° 7	15°D28	15°42	8°54	n.a.	T 22
W23	4 58 41	16° 2'31	8♏43	21°21	15°46	3°49	21°33	20°41	12°50	2° 4	19° 5	15°28	15°39	9° 1	n.a.	W23
T 24	5 2 37	17° 3'19	20°55	22°33	17° 0	4°36	21°39	20°37	12°53	2° 3	19° 4	15°28	15°35	9° 8	n.a.	T 24
F 25	5 6 34	18° 4'05	3♐20	23°48	18°14	5°22	21°45	20°34	12°57	2° 1	19° 3	15°28	15°32	9°15	n.a.	F 25
S 26	5 10 31	19° 4'50	15°58	25° 4	19°28	6° 9	21°50	20°30	13° 0	2° 0	19° 2	15°R28	15°29	9°21	n.a.	S 26
S 27	5 14 27	20° 5'33	28°51	26°21	20°42	6°56	21°55	20°26	13° 3	1°58	19° 1	15°28	15°26	9°28	n.a.	S 27
M28	5 18 24	21° 6'14	11♉58	27°40	21°56	7°43	22° 0	20°23	13° 6	1°56	19° 0	15°28	15°23	9°35	n.a.	M28
T 29	5 22 20	22° 6'54	25°20	29° 0	23°10	8°30	22° 5	20°19	13° 9	1°55	18°59	15°27	15°20	9°41	n.a.	T 29
W30	5 26 17	23° 7'31	8♒54	0♐22	24°24	9°17	22°10	20°15	13°13	1°53	18°58	15°26	15°16	9°48	n.a.	W30
T 31	5 30 13	24♐ 8'07	22♒40	1♐44	25♏38	10♉ 3	22♍15	20♋11	13♉16	1♋51	18♉57	15♐25	15♐13	9♎55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 4	20s25	2n37	12s 8	3n19	5s45	1n51	24s21	1s 8	5n48	1n25	23n27	1n19	23s59	0s36	24n 2	0n 8	15n52	2s12	23s 7	23s15	7s 5		n.a.
W 2	19 20	17 21	3 36	11 54	3 21	6 15	1 50	24 26	1 8	5 45	1 25	23 28	1 19	23 59	0 36	24 2	0 8	15 51	2 12	23 7	23 15	7 8		n.a.
T 3	19 35	13 20	4 23	11 44	3 20	6 44	1 48	24 31	1 8	5 41	1 26	23 28	1 19	23 59	0 36	24 2	0 8	15 51	2 12	23 8	23 15	7 10		n.a.
F 4	19 49	8 32	4 57	11 39	3 19	7 14	1 47	24 35	1 8	5 38	1 26	23 29	1 20	23 58	0 36	24 2	0 8	15 51	2 12	23 8	23 14	7 12		n.a.
S 5	20 4	3 13	5 14	11 37	3 15	7 43	1 45	24 39	1 8	5 35	1 26	23 29	1 20	23 58	0 36	24 2	0 8	15 50	2 12	23 8	23 14	7 15		n.a.
S 6	20 17	2n23	5 12	11 40	3 11	8 12	1 43	24 43	1 8	5 32	1 26	23 30	1 20	23 58	0 36	24 2	0 8	15 50	2 12	23 7	23 14	7 17		n.a.
M 7	20 31	7 56	4 51	11 47	3 5	8 41	1 41	24 46	1 8	5 29	1 26	23 30	1 20	23 58	0 36	24 2	0 8	15 50	2 11	23 7	23 13	7 20		n.a.
T 8	20 44	13 7	4 10	11 56	2 59	9 10	1 40	24 49	1 8	5 26	1 27	23 31	1 21	23 57	0 36	24 2	0 8	15 50	2 11	23 7	23 13	7 22		n.a.
W 9	20 57	17 31	3 12	12 9	2 52	9 39	1 38	24 52	1 9	5 23	1 27	23 31	1 21	23 57	0 36	24 3	0 8	15 49	2 11	23 7	23 13	7 25		n.a.
T 10	21 9	20 49	2 2	12 24	2 44	10 7	1 36	24 55	1 9	5 20	1 27	23 32	1 21	23 57	0 36	24 3	0 8	15 49	2 11	23 7	23 13	7 27		n.a.
F 11	21 21	22 43	0 45	12 42	2 36	10 35	1 34	24 57	1 9	5 17	1 27	23 32	1 21	23 57	0 36	24 3	0 8	15 49	2 11	23 7	23 12	7 29		n.a.
S 12	21 33	23 5	0s34	13 1	2 27	11 3	1 32	24 59	1 9	5 14	1 27	23 33	1 21	23 56	0 36	24 3	0 8	15 49	2 11	23 7	23 12	7 32		n.a.
S 13	21 44	22 0	1 48	13 22	2 19	11 31	1 30	25 1	1 9	5 11	1 28	23 34	1 22	23 56	0 36	24 3	0 8	15 48	2 11	23 7	23 12	7 34		n.a.
M14	21 54	19 41	2 55	13 45	2 10	11 58	1 27	25 2	1 9	5 9	1 28	23 34	1 22	23 56	0 36	24 3	0 8	15 48	2 11	23 7	23 11	7 37		n.a.
T 15	22 5	16 24	3 50	14 9	2 0	12 25	1 25	25 3	1 9	5 6	1 28	23 35	1 22	23 55	0 36	24 3	0 8	15 48	2 11	23 7	23 11	7 39		n.a.
W16	22 14	12 27	4 33	14 33	1 51	12 52	1 23	25 4	1 9	5 4	1 28	23 36	1 22	23 55	0 36	24 3	0 8	15 47	2 11	23 7	23 10	7 41		n.a.
T 17	22 24	8 4	5 1	14 59	1 42	13 19	1 21	25 4	1 9	5 1	1 29	23 36	1 22	23 55	0 36	24 3	0 8	15 47	2 11	23 7	23 10	7 44		n.a.
F 18	22 33	3 28	5 15	15 25	1 33	13 45	1 18	25 4	1 9	4 59	1 29	23 37	1 23	23 54	0 36	24 3	0 8	15 47	2 11	23 7	23 10	7 46		n.a.
S 19	22 41	1s12	5 16	15 52	1 23	14 11	1 16	25 4	1 9	4 56	1 29	23 38	1 23	23 54	0 36	24 3	0 8	15 47	2 11	23 7	23 9	7 49		n.a.
S 20	22 49	5 48	5 3	16 20	1 14	14 36	1 14	25 4	1 9	4 54	1 29	23 38	1 23	23 54	0 36	24 3	0 8	15 47	2 10	23 7	23 9	7 51		n.a.
M21	22 57	10 11	4 37	16 47	1 5	15 1	1 11	25 3	1 9	4 52	1 30	23 39	1 23	23 54	0 36	24 3	0 8	15 46	2 10	23 7	23 9	7 53		n.a.
T 22	23 4	14 12	3 59	17 15	0 56	15 26	1 9	25 2	1 9	4 49	1 30	23 40	1 23	23 53	0 36	24 3	0 8	15 46	2 10	23 7	23 8	7 56		n.a.
W23	23 11	17 41	3 10	17 43	0 47	15 50	1 6	25 1	1 9	4 47	1 30	23 40	1 23	23 53	0 36	24 3	0 9	15 46	2 10	23 7	23 8	7 58		n.a.
T 24	23 17	20 28	2 12	18 10	0 38	16 14	1 4	24 59	1 9	4 45	1 30	23 41	1 24	23 53	0 36	24 3	0 9	15 46	2 10	23 7	23 8	8 1		n.a.
F 25	23 23	22 20	1 7	18 38	0 29	16 38	1 1	24 58	1 9	4 43	1 30	23 42	1 24	23 52	0 36	24 3	0 9	15 45	2 10	23 7	23 7	8 3		n.a.
S 26	23 28	23 7	0n 3	19 5	0 21	17 1	0 58	24 55	1 9	4 41	1 31	23 43	1 24	23 52	0 36	24 3	0 9	15 45	2 10	23 7	23 7	8 5		n.a.
S 27	23 33	22 42	1 14	19 32	0 12	17 24	0 56	24 53	1 9	4 39	1 31	23 43	1 24	23 52	0 36	24 3	0 9	15 45	2 10	23 7	23 7	8 8		n.a.
M28	23 37	21 1	2 22	19 58	0 4	17 46	0 53	24 50	1 9	4 38	1 31	23 44	1 24	23 51	0 36	24 3	0 9	15 45	2 10	23 7	23 6	8 10		n.a.
T 29	23 41	18 10	3 24	20 24	0s 4	18 8	0 50	24 47	1 9	4 36	1 31	23 45	1 24	23 51	0 35	24 3	0 9	15 45	2 10	23 7	23 6	8 12		n.a.
W30	23 45	14 18	4 15	20 50	0 12	18 29	0 48	24 44	1 8	4 34	1 32	23 46	1 25	23 51	0 35	24 3	0 9	15 44	2 10	23 7	23 6	8 15		n.a.
T 31	23s48	9s39	4n52	21s15	0s20	18s50	0n45	24s40	1s 8	4n33	1n32	23n46	1n25	23s50	0s35	24n 3	0n 9	15n44	2s 9	23s 7	23s 5	8s17		n.a.

Julian Day Number = 980665.5, Delta T = 13h14m14s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'57, Lahiri = -31°54'57 Julian Calendar 1 Dec. 2029 BCE == Greg. Calendar 14 Nov. 2029 BCE

The year -2028 astronomical counting style corresponds to year 2029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

JANUARY 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 34 10	25♐ 8'41	6♓35	3♐ 8	26♏52	10♑50	22♍19	20°R 7	13♑19	1°R50	18°R56	15°R24	15♐10	10♎ 2	n.a.	F 1
S 2	5 38 7	26° 9'12	20°39	4°33	28° 6	11°37	22°23	20♋ 3	13°23	1♋48	18♉55	15°D24	15° 7	10° 8	n.a.	S 2
S 3	5 42 3	27° 9'42	4♈49	5°59	29°20	12°23	22°27	19°59	13°26	1°46	18°54	15♐24	15° 4	10°15	n.a.	S 3
M 4	5 46 0	28°10'09	19° 4	7°26	0♐34	13°10	22°31	19°55	13°29	1°45	18°53	15°24	15° 0	10°22	n.a.	M 4
T 5	5 49 56	29°10'34	3♉20	8°54	1°48	13°57	22°35	19°50	13°33	1°43	18°52	15°25	14°57	10°28	n.a.	T 5
W 6	5 53 53	0♑10'57	17°36	10°24	3° 2	14°43	22°38	19°46	13°36	1°41	18°51	15°26	14°54	10°35	n.a.	W 6
T 7	5 57 49	1°11'18	1♊47	11°54	4°16	15°30	22°42	19°42	13°39	1°40	18°50	15°27	14°51	10°42	n.a.	T 7
F 8	6 1 46	2°11'37	15°51	13°25	5°30	16°16	22°45	19°38	13°43	1°38	18°49	15°R28	14°48	10°49	n.a.	F 8
S 9	6 5 42	3°11'54	29°42	14°57	6°44	17° 3	22°48	19°33	13°46	1°36	18°49	15°27	14°45	10°55	n.a.	S 9
S 10	6 9 39	4°12'09	13♋18	16°31	7°58	17°49	22°51	19°29	13°49	1°35	18°48	15°26	14°41	11° 2	n.a.	S 10
M11	6 13 36	5°12'22	26°37	18° 5	9°12	18°35	22°53	19°24	13°53	1°33	18°47	15°23	14°38	11° 9	n.a.	M11
T 12	6 17 32	6°12'33	9♌38	19°40	10°26	19°22	22°56	19°20	13°56	1°31	18°46	15°20	14°35	11°15	n.a.	T 12
W13	6 21 29	7°12'42	22°19	21°17	11°40	20° 8	22°58	19°15	14° 0	1°30	18°45	15°17	14°32	11°22	n.a.	W13
T 14	6 25 25	8°12'50	4♍44	22°54	12°54	20°54	23° 0	19°11	14° 3	1°28	18°45	15°14	14°29	11°29	n.a.	T 14
F 15	6 29 22	9°12'55	16°54	24°32	14° 8	21°41	23° 2	19° 6	14° 7	1°26	18°44	15°11	14°26	11°35	n.a.	F 15
S 16	6 33 18	10°12'59	28°54	26°12	15°22	22°27	23° 4	19° 1	14°10	1°25	18°43	15° 9	14°22	11°42	n.a.	S 16
S 17	6 37 15	11°13'01	10♎47	27°52	16°36	23°13	23° 5	18°57	14°13	1°23	18°42	15°D 8	14°19	11°49	n.a.	S 17
M18	6 41 11	12°13'01	22°39	29°34	17°50	23°59	23° 7	18°52	14°17	1°21	18°42	15° 9	14°16	11°56	n.a.	M18
T 19	6 45 8	13°12'59	4♏34	1♑16	19° 4	24°45	23° 8	18°47	14°20	1°20	18°41	15°10	14°13	12° 2	n.a.	T 19
W20	6 49 4	14°12'55	16°37	3° 0	20°18	25°31	23° 9	18°43	14°24	1°18	18°40	15°12	14°10	12° 9	n.a.	W20
T 21	6 53 1	15°12'50	28°52	4°45	21°32	26°17	23° 9	18°38	14°27	1°16	18°40	15°14	14° 6	12°16	n.a.	T 21
F 22	6 56 58	16°12'42	11♐24	6°31	22°46	27° 3	23°10	18°33	14°31	1°15	18°39	15°R15	14° 3	12°22	n.a.	F 22
S 23	7 0 54	17°12'33	24°15	8°18	23°59	27°49	23°10	18°29	14°34	1°13	18°38	15°14	14° 0	12°29	n.a.	S 23
S 24	7 4 51	18°12'22	7♑26	10° 6	25°13	28°35	23°11	18°24	14°37	1°12	18°38	15°12	13°57	12°36	n.a.	S 24
M25	7 8 47	19°12'08	20°56	11°56	26°27	29°21	23°R11	18°19	14°41	1°10	18°37	15° 9	13°54	12°43	n.a.	M25
T 26	7 12 44	20°11'52	4♒45	13°46	27°41	0♒ 7	23°11	18°14	14°44	1° 8	18°37	15° 4	13°51	12°49	n.a.	T 26
W27	7 16 40	21°11'34	18°48	15°38	28°55	0°53	23°10	18°10	14°48	1° 7	18°36	14°58	13°47	12°56	n.a.	W27
T 28	7 20 37	22°11'14	3♓ 1	17°31	0♑ 9	1°39	23°10	18° 5	14°51	1° 5	18°36	14°53	13°44	13° 3	n.a.	T 28
F 29	7 24 33	23°10'51	17°19	19°25	1°23	2°24	23° 9	18° 0	14°54	1° 4	18°35	14°47	13°41	13° 9	n.a.	F 29
S 30	7 28 30	24°10'26	1♈37	21°20	2°37	3°10	23° 8	17°56	14°58	1° 2	18°35	14°44	13°38	13°16	n.a.	S 30
S 31	7 32 27	25♑ 9'58	15♈52	23♑16	3♑51	3♒56	23♍ 7	17♋51	15♑ 1	1♋ 1	18♉35	14♐42	13♐35	13♎23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	4s26	5n13	21s39	0s27	19s10	0n42	24s36	1s 8	4n31	1n32	23n47	1n25	23s50	0s35	24n 3	0n 9	15n44	2s 9	23s 6	23s 5	8s20		n.a.
S 2	23 52	1n 2	5 15	22 3	0 34	19 30	0 40	24 32	1 8	4 30	1 33	23 48	1 25	23 50	0 35	24 3	0 9	15 44	2 9	23 6	23 5	8 22		n.a.
S 3	23 54	6 30	4 59	22 25	0 41	19 49	0 37	24 28	1 8	4 28	1 33	23 49	1 25	23 49	0 35	24 4	0 9	15 44	2 9	23 6	23 4	8 24		n.a.
M 4	23 55	11 40	4 24	22 47	0 48	20 8	0 34	24 23	1 8	4 27	1 33	23 49	1 25	23 49	0 35	24 4	0 9	15 43	2 9	23 7	23 4	8 27		n.a.
T 5	23 55	16 12	3 33	23 8	0 55	20 26	0 31	24 18	1 8	4 26	1 33	23 50	1 26	23 49	0 35	24 4	0 9	15 43	2 9	23 7	23 3	8 29		n.a.
W 6	23 56	19 47	2 28	23 28	1 1	20 43	0 29	24 13	1 8	4 24	1 34	23 51	1 26	23 48	0 35	24 4	0 9	15 43	2 9	23 7	23 3	8 31		n.a.
T 7	23 55	22 10	1 15	23 47	1 7	21 0	0 26	24 7	1 8	4 23	1 34	23 52	1 26	23 48	0 35	24 4	0 9	15 43	2 9	23 7	23 3	8 34		n.a.
F 8	23 54	23 7	0s 2	24 5	1 13	21 17	0 23	24 2	1 7	4 22	1 34	23 53	1 26	23 48	0 35	24 4	0 9	15 43	2 9	23 7	23 2	8 36		n.a.
S 9	23 53	22 38	1 18	24 22	1 19	21 33	0 20	23 56	1 7	4 21	1 34	23 53	1 26	23 47	0 35	24 4	0 9	15 43	2 9	23 7	23 2	8 38		n.a.
S 10	23 51	20 48	2 28	24 37	1 24	21 48	0 17	23 49	1 7	4 20	1 35	23 54	1 26	23 47	0 35	24 4	0 9	15 43	2 9	23 7	23 2	8 41		n.a.
M11	23 49	17 51	3 28	24 51	1 29	22 2	0 15	23 43	1 7	4 20	1 35	23 55	1 26	23 46	0 35	24 4	0 9	15 42	2 8	23 6	23 1	8 43		n.a.
T 12	23 47	14 6	4 16	25 4	1 33	22 16	0 12	23 36	1 7	4 19	1 35	23 56	1 27	23 46	0 35	24 4	0 9	15 42	2 8	23 6	23 1	8 45		n.a.
W13	23 43	9 48	4 50	25 15	1 38	22 29	0 9	23 29	1 7	4 18	1 35	23 57	1 27	23 46	0 35	24 4	0 9	15 42	2 8	23 6	23 1	8 48		n.a.
T 14	23 40	5 11	5 9	25 25	1 42	22 42	0 6	23 21	1 7	4 17	1 36	23 57	1 27	23 45	0 35	24 4	0 9	15 42	2 8	23 5	23 0	8 50		n.a.
F 15	23 36	0 28	5 14	25 34	1 45	22 54	0 4	23 14	1 6	4 17	1 36	23 58	1 27	23 45	0 35	24 4	0 9	15 42	2 8	23 5	23 0	8 52		n.a.
S 16	23 31	4s12	5 5	25 41	1 49	23 5	0 1	23 6	1 6	4 17	1 36	23 59	1 27	23 45	0 35	24 4	0 9	15 42	2 8	23 5	22 59	8 55		n.a.
S 17	23 26	8 41	4 44	25 46	1 52	23 16	0s 2	22 58	1 6	4 16	1 36	24 0	1 27	23 44	0 35	24 4	0 9	15 42	2 8	23 5	22 59	8 57		n.a.
M18	23 21	12 50	4 10	25 50	1 54	23 26	0 4	22 50	1 6	4 16	1 37	24 0	1 27	23 44	0 35	24 4	0 9	15 42	2 8	23 5	22 59	8 59		n.a.
T 19	23 15	16 30	3 25	25 52	1 56	23 35	0 7	22 41	1 6	4 16	1 37	24 1	1 27	23 43	0 35	24 4	0 9	15 42	2 8	23 5	22 58	9 2		n.a.
W20	23 9	19 32	2 31	25 52	1 58	23 43	0 10	22 32	1 5	4 15	1 37	24 2	1 28	23 43	0 36	24 4	0 9	15 41	2 8	23 5	22 58	9 4		n.a.
T 21	23 2	21 45	1 29	25 50	1 59	23 51	0 12	22 23	1 5	4 15	1 38	24 3	1 28	23 43	0 36	24 4	0 9	15 41	2 7	23 5	22 57	9 6		n.a.
F 22	22 55	22 57	0 21	25 46	2 0	23 58	0 15	22 14	1 5	4 15	1 38	24 4	1 28	23 42	0 36	24 4	0 9	15 41	2 7	23 5	22 57	9 8		n.a.
S 23	22 48	22 59	0n49	25 40	2 1	24 5	0 17	22 4	1 5	4 15	1 38	24 4	1 28	23 42	0 36	24 4	0 9	15 41	2 7	23 5	22 57	9 11		n.a.
S 24	22 40	21 45	1 58	25 32	2 1	24 10	0 20	21 55	1 4	4 16	1 38	24 5	1 28	23 42	0 36	24 4	0 9	15 41	2 7	23 5	22 56	9 13		n.a.
M25	22 31	19 15	3 2	25 23	2 0	24 15	0 22	21 45	1 4	4 16	1 39	24 6	1 28	23 41	0 36	24 4	0 9	15 41	2 7	23 5	22 56	9 15		n.a.
T 26	22 22	15 38	3 57	25 11	1 59	24 19	0 25	21 35	1 4	4 16	1 39	24 7	1 28	23 41	0 36	24 4	0 9	15 41	2 7	23 4	22 56	9 18		n.a.
W27	22 13	11 5	4 39	24 56	1 58	24 23	0 27	21 24	1 4	4 17	1 39	24 7	1 28	23 40	0 36	24 4	0 9	15 41	2 7	23 4	22 55	9 20		n.a.
T 28	22 3	5 53	5 4	24 40	1 56	24 25	0 30	21 14	1 3	4 17	1 39	24 8	1 28	23 40	0 36	24 4	0 9	15 41	2 7	23 3	22 55	9 22		n.a.
F 29	21 53	0 22	5 10	24 21	1 53	24 27	0 32	21 3	1 3	4 18	1 40	24 9	1 28	23 40	0 36	24 4	0 9	15 41	2 7	23 2	22 54	9 24		n.a.
S 30	21 43	5n11	4 57	24 1	1 50	24 28	0 34	20 52	1 3	4 18	1 40	24 9	1 28	23 39	0 36	24 4	0 9	15 41	2 6	23 2	22 54	9 27		n.a.
S 31	21s32	10n26	4n26	23s37	1s47	24s29	0s37	20s41	1s 3	4n19	1n40	24n10	1n28	23s39	0s36	24n 4	0n 9	15n41	2s 6	23s 2	22s54	9s29		n.a.

Julian Day Number = 980696.5, Delta T = 13h14m12s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'53, Lahiri = -31°54'52 Julian Calendar 1 Jan. 2028 BCE == Greg. Calendar 15 Dec. 2029 BCE

The year -2027 astronomical counting style corresponds to year 2028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

FEBRUARY 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 36 23	26♉ 9'28	0♉ 2	25♉13	5♉ 5	4♒41	23°R 6	17°R46	15♉ 5	0°R59	18°R34	14°D41	13♐32	13♎30	n.a.	M 1
T 2	7 40 20	27° 8'55	14° 4	27°11	6°19	5°27	23♍ 4	17♋42	15° 8	0♋58	18♉34	14♐42	13°28	13°36	n.a.	T 2
W 3	7 44 16	28° 8'20	27°58	29°10	7°32	6°12	23° 2	17°37	15°11	0°56	18°34	14°44	13°25	13°43	n.a.	W 3
T 4	7 48 13	29° 7'42	11♊43	1♒10	8°46	6°58	23° 1	17°32	15°15	0°55	18°33	14°R45	13°22	13°50	n.a.	T 4
F 5	7 52 9	0♒ 7'02	25°19	3°11	10° 0	7°43	22°59	17°28	15°18	0°54	18°33	14°44	13°19	13°56	n.a.	F 5
S 6	7 56 6	1° 6'19	8♋44	5°12	11°14	8°28	22°56	17°23	15°21	0°52	18°33	14°42	13°16	14° 3	n.a.	S 6
S 7	8 0 2	2° 5'34	21°58	7°13	12°28	9°14	22°54	17°19	15°25	0°51	18°32	14°37	13°12	14°10	n.a.	S 7
M 8	8 3 59	3° 4'47	4♌59	9°15	13°42	9°59	22°51	17°14	15°28	0°49	18°32	14°30	13° 9	14°16	n.a.	M 8
T 9	8 7 55	4° 3'58	17°46	11°16	14°55	10°44	22°49	17°10	15°31	0°48	18°32	14°21	13° 6	14°23	n.a.	T 9
W10	8 11 52	5° 3'06	0♍20	13°18	16° 9	11°29	22°46	17° 6	15°35	0°47	18°32	14°12	13° 3	14°30	n.a.	W10
T 11	8 15 49	6° 2'12	12°40	15°18	17°23	12°14	22°43	17° 1	15°38	0°45	18°32	14° 3	13° 0	14°37	n.a.	T 11
F 12	8 19 45	7° 1'16	24°48	17°18	18°37	12°59	22°39	16°57	15°41	0°44	18°32	13°54	12°57	14°43	n.a.	F 12
S 13	8 23 42	8° 0'18	6♎47	19°16	19°51	13°44	22°36	16°53	15°44	0°43	18°31	13°48	12°53	14°50	n.a.	S 13
S 14	8 27 38	8°59'18	18°40	21°13	21° 4	14°29	22°32	16°48	15°48	0°42	18°31	13°43	12°50	14°57	n.a.	S 14
M15	8 31 35	9°58'16	0♏30	23° 7	22°18	15°14	22°28	16°44	15°51	0°40	18°31	13°41	12°47	15° 3	n.a.	M15
T 16	8 35 31	10°57'13	12°24	24°59	23°32	15°59	22°24	16°40	15°54	0°39	18°31	13°D40	12°44	15°10	n.a.	T 16
W17	8 39 28	11°56'07	24°26	26°49	24°46	16°44	22°20	16°36	15°57	0°38	18°D31	13°41	12°41	15°17	n.a.	W17
T 18	8 43 24	12°55'00	6♐41	28°35	26° 0	17°29	22°16	16°32	16° 0	0°37	18°31	13°42	12°37	15°23	n.a.	T 18
F 19	8 47 21	13°53'50	19°15	0♓17	27°13	18°13	22°12	16°28	16° 3	0°36	18°31	13°R42	12°34	15°30	n.a.	F 19
S 20	8 51 17	14°52'39	2♑11	1°55	28°27	18°58	22° 7	16°24	16° 7	0°35	18°31	13°40	12°31	15°37	n.a.	S 20
S 21	8 55 14	15°51'26	15°32	3°30	29°41	19°43	22° 2	16°21	16°10	0°33	18°31	13°36	12°28	15°44	n.a.	S 21
M22	8 59 11	16°50'10	29°18	4°59	0♒55	20°27	21°57	16°17	16°13	0°32	18°32	13°30	12°25	15°50	n.a.	M22
T 23	9 3 7	17°48'53	13♒27	6°24	2° 8	21°12	21°52	16°13	16°16	0°31	18°32	13°21	12°22	15°57	n.a.	T 23
W24	9 7 4	18°47'33	27°56	7°44	3°22	21°56	21°47	16°10	16°19	0°30	18°32	13°11	12°18	16° 4	n.a.	W24
T 25	9 11 0	19°46'11	12♓37	8°58	4°36	22°41	21°42	16° 6	16°22	0°29	18°32	13° 1	12°15	16°10	n.a.	T 25
F 26	9 14 57	20°44'47	27°21	10° 7	5°50	23°25	21°36	16° 3	16°25	0°28	18°32	12°52	12°12	16°17	n.a.	F 26
S 27	9 18 53	21°43'21	12♈ 3	11°11	7° 3	24° 9	21°31	15°59	16°28	0°28	18°32	12°44	12° 9	16°24	n.a.	S 27
S 28	9 22 50	22♒41'52	26♈34	12♓ 8	8♒17	24♒54	21♍25	15♋56	16♉31	0♋27	18♉33	12♐39	12♐ 6	16♎30	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s21	15n 6	3n39	23s12	1s42	24s29	0s39	20s29	1s 2	4n20	1n40	24n11	1n29	23s39	0s36	24n 4	0n 9	15n41	2s 6	23s 2	22s53	9s31		n.a.
T 2	21 9	18 54	2 39	22 44	1 37	24 28	0 41	20 18	1 2	4 20	1 41	24 12	1 29	23 38	0 36	24 4	0 9	15 41	2 6	23 2	22 53	9 34		n.a.
W 3	20 57	21 34	1 30	22 14	1 32	24 26	0 43	20 6	1 2	4 21	1 41	24 12	1 29	23 38	0 36	24 4	0 9	15 41	2 6	23 2	22 52	9 36		n.a.
T 4	20 45	22 55	0 16	21 42	1 26	24 23	0 46	19 54	1 1	4 22	1 41	24 13	1 29	23 37	0 36	24 4	0 9	15 41	2 6	23 2	22 52	9 38		n.a.
F 5	20 32	22 54	0s57	21 7	1 19	24 20	0 48	19 42	1 1	4 23	1 41	24 14	1 29	23 37	0 36	24 4	0 9	15 41	2 6	23 2	22 52	9 40		n.a.
S 6	20 19	21 32	2 6	20 31	1 12	24 16	0 50	19 29	1 1	4 24	1 42	24 14	1 29	23 37	0 36	24 4	0 9	15 41	2 6	23 2	22 51	9 43		n.a.
S 7	20 6	19 1	3 7	19 52	1 4	24 11	0 52	19 17	1 1	4 26	1 42	24 15	1 29	23 36	0 36	24 5	0 9	15 41	2 6	23 1	22 51	9 45		n.a.
M 8	19 52	15 35	3 57	19 12	0 55	24 6	0 54	19 4	1 0	4 27	1 42	24 16	1 29	23 36	0 36	24 5	0 9	15 41	2 5	23 0	22 50	9 47		n.a.
T 9	19 38	11 28	4 34	18 29	0 46	24 0	0 56	18 51	1 0	4 28	1 42	24 16	1 29	23 36	0 36	24 5	0 9	15 41	2 5	22 59	22 50	9 49		n.a.
W10	19 23	6 57	4 57	17 45	0 37	23 53	0 57	18 38	1 0	4 30	1 42	24 17	1 29	23 35	0 36	24 5	0 9	15 41	2 5	22 58	22 50	9 52		n.a.
T 11	19 9	2 14	5 6	17 0	0 26	23 45	0 59	18 25	0 59	4 31	1 43	24 17	1 29	23 35	0 36	24 5	0 9	15 41	2 5	22 57	22 49	9 54		n.a.
F 12	18 54	2s29	5 1	16 13	0 16	23 37	1 1	18 12	0 59	4 33	1 43	24 18	1 29	23 34	0 36	24 5	0 9	15 41	2 5	22 56	22 49	9 56		n.a.
S 13	18 38	7 3	4 42	15 25	0 5	23 28	1 3	17 58	0 59	4 34	1 43	24 19	1 29	23 34	0 36	24 5	0 9	15 41	2 5	22 55	22 48	9 58		n.a.
S 14	18 22	11 19	4 12	14 36	0n 7	23 18	1 4	17 45	0 58	4 36	1 43	24 19	1 29	23 34	0 36	24 5	0 9	15 42	2 5	22 55	22 48	10 1		n.a.
M15	18 6	15 9	3 30	13 47	0 19	23 7	1 6	17 31	0 58	4 37	1 44	24 20	1 29	23 33	0 36	24 5	0 9	15 42	2 5	22 54	22 48	10 3		n.a.
T 16	17 50	18 24	2 40	12 58	0 31	22 56	1 7	17 17	0 58	4 39	1 44	24 20	1 29	23 33	0 36	24 5	0 9	15 42	2 5	22 54	22 47	10 5		n.a.
W17	17 34	20 54	1 41	12 9	0 43	22 44	1 9	17 3	0 57	4 41	1 44	24 21	1 29	23 33	0 36	24 5	0 9	15 42	2 4	22 54	22 47	10 7		n.a.
T 18	17 17	22 29	0 37	11 20	0 56	22 32	1 10	16 49	0 57	4 43	1 44	24 21	1 29	23 32	0 36	24 5	0 9	15 42	2 4	22 54	22 46	10 9		n.a.
F 19	17 0	22 59	0n30	10 32	1 8	22 19	1 12	16 34	0 56	4 45	1 44	24 22	1 29	23 32	0 36	24 5	0 9	15 42	2 4	22 54	22 46	10 12		n.a.
S 20	16 42	22 17	1 37	9 45	1 20	22 5	1 13	16 20	0 56	4 47	1 45	24 22	1 29	23 32	0 36	24 5	0 9	15 42	2 4	22 54	22 45	10 14		n.a.
S 21	16 24	20 20	2 41	9 0	1 33	21 50	1 14	16 5	0 56	4 49	1 45	24 23	1 29	23 31	0 36	24 5	0 9	15 42	2 4	22 54	22 45	10 16		n.a.
M22	16 6	17 10	3 38	8 15	1 45	21 35	1 16	15 50	0 55	4 51	1 45	24 23	1 29	23 31	0 36	24 5	0 9	15 42	2 4	22 53	22 45	10 18		n.a.
T 23	15 48	12 55	4 23	7 33	1 56	21 20	1 17	15 35	0 55	4 53	1 45	24 24	1 29	23 30	0 36	24 5	0 9	15 43	2 4	22 52	22 44	10 20		n.a.
W24	15 30	7 52	4 52	6 53	2 7	21 3	1 18	15 20	0 54	4 56	1 45	24 24	1 29	23 30	0 36	24 5	0 9	15 43	2 4	22 51	22 44	10 23		n.a.
T 25	15 11	2 19	5 3	6 14	2 18	20 46	1 19	15 5	0 54	4 58	1 45	24 25	1 29	23 30	0 36	24 5	0 9	15 43	2 4	22 49	22 43	10 25		n.a.
F 26	14 52	3n24	4 53	5 39	2 28	20 29	1 20	14 50	0 54	5 0	1 46	24 25	1 29	23 29	0 36	24 5	0 9	15 43	2 3	22 48	22 43	10 27		n.a.
S 27	14 33	8 54	4 24	5 6	2 38	20 11	1 21	14 34	0 53	5 3	1 46	24 25	1 29	23 29	0 36	24 5	0 9	15 43	2 3	22 47	22 42	10 29		n.a.
S 28	14s14	13n50	3n39	4s35	2n46	19s52	1s21	14s19	0s53	5n 5	1n46	24n26	1n29	23s29	0s36	24n 5	0n 9	15n43	2s 3	22s47	22s42	10s31		n.a.

Julian Day Number = 980727.5, Delta T = 13h14m10s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'49, Lahiri = -31°54'48 Julian Calendar 1 Feb. 2028 BCE == Greg. Calendar 15 Jan. 2028 BCE

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

MARCH 2028 BCE (-2027) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 26 46	23♒40'21	10♉51	13♓ 0	9♒31	25♒38	21°R19	15°R53	16♑34	0°R26	18♉33	12°R37	12♐ 3	16♎37	n.a.	M 1
T 2	9 30 43	24°38'48	24°52	13°46	10°45	26°22	21♍13	15♋49	16°36	0♋25	18°33	12°D36	11°59	16°44	n.a.	T 2
W 3	9 34 39	25°37'12	8♊37	14°26	11°58	27° 6	21° 7	15°46	16°39	0°24	18°34	12°R37	11°56	16°51	n.a.	W 3
T 4	9 38 36	26°35'34	22° 7	14°59	13°12	27°50	21° 1	15°43	16°42	0°23	18°34	12♐36	11°53	16°57	n.a.	T 4
F 5	9 42 33	27°33'54	5♋23	15°27	14°26	28°34	20°54	15°40	16°45	0°23	18°34	12°35	11°50	17° 4	n.a.	F 5
S 6	9 46 29	28°32'12	18°27	15°49	15°39	29°18	20°48	15°38	16°48	0°22	18°35	12°30	11°47	17°11	n.a.	S 6
S 7	9 50 26	29°30'27	1♌19	16° 4	16°53	0♓ 2	20°41	15°35	16°50	0°21	18°35	12°23	11°43	17°17	n.a.	S 7
M 8	9 54 22	0♓28'40	14° 0	16°13	18° 7	0°46	20°34	15°32	16°53	0°20	18°36	12°13	11°40	17°24	n.a.	M 8
T 9	9 58 19	1°26'51	26°31	16°R17	19°21	1°30	20°28	15°30	16°56	0°20	18°36	12° 1	11°37	17°31	n.a.	T 9
W10	10 2 15	2°25'00	8♍52	16°15	20°34	2°14	20°21	15°27	16°58	0°19	18°37	11°48	11°34	17°37	n.a.	W10
T 11	10 6 12	3°23'08	21° 3	16° 7	21°48	2°57	20°14	15°25	17° 1	0°19	18°37	11°34	11°31	17°44	n.a.	T 11
F 12	10 10 8	4°21'13	3♎ 5	15°54	23° 2	3°41	20° 7	15°22	17° 4	0°18	18°38	11°22	11°28	17°51	n.a.	F 12
S 13	10 14 5	5°19'17	15° 0	15°37	24°15	4°24	20° 0	15°20	17° 6	0°18	18°38	11°12	11°24	17°58	n.a.	S 13
S 14	10 18 1	6°17'19	26°51	15°14	25°29	5° 8	19°53	15°18	17° 9	0°17	18°39	11° 4	11°21	18° 4	n.a.	S 14
M15	10 21 58	7°15'19	8♏41	14°48	26°43	5°51	19°45	15°16	17°11	0°17	18°39	10°59	11°18	18°11	n.a.	M15
T 16	10 25 55	8°13'18	20°33	14°18	27°56	6°35	19°38	15°14	17°14	0°16	18°40	10°56	11°15	18°18	n.a.	T 16
W17	10 29 51	9°11'15	2♐33	13°45	29°10	7°18	19°31	15°12	17°16	0°16	18°41	10°56	11°12	18°24	n.a.	W17
T 18	10 33 48	10° 9'11	14°47	13°10	0♓24	8° 2	19°23	15°11	17°18	0°15	18°41	10°56	11° 9	18°31	n.a.	T 18
F 19	10 37 44	11° 7'06	27°18	12°33	1°37	8°45	19°16	15° 9	17°21	0°15	18°42	10°55	11° 5	18°38	n.a.	F 19
S 20	10 41 41	12° 4'59	10♑13	11°56	2°51	9°28	19° 8	15° 7	17°23	0°15	18°43	10°53	11° 2	18°44	n.a.	S 20
S 21	10 45 37	13° 2'50	23°35	11°17	4° 5	10°11	19° 1	15° 6	17°25	0°15	18°43	10°49	10°59	18°51	n.a.	S 21
M22	10 49 34	14° 0'40	7♒26	10°40	5°18	10°55	18°53	15° 4	17°28	0°14	18°44	10°42	10°56	18°58	n.a.	M22
T 23	10 53 30	14°58'29	21°44	10° 3	6°32	11°38	18°46	15° 3	17°30	0°14	18°45	10°33	10°53	19° 5	n.a.	T 23
W24	10 57 27	15°56'16	6♓27	9°27	7°46	12°21	18°38	15° 2	17°32	0°14	18°46	10°22	10°49	19°11	n.a.	W24
T 25	11 1 23	16°54'01	21°26	8°54	8°59	13° 4	18°30	15° 1	17°34	0°14	18°47	10°11	10°46	19°18	n.a.	T 25
F 26	11 5 20	17°51'45	6♈32	8°24	10°13	13°47	18°23	15° 0	17°36	0°14	18°47	10° 1	10°43	19°25	n.a.	F 26
S 27	11 9 17	18°49'27	21°35	7°57	11°26	14°29	18°15	14°59	17°38	0°14	18°48	9°53	10°40	19°31	n.a.	S 27
S 28	11 13 13	19°47'07	6♉26	7°33	12°40	15°12	18° 7	14°58	17°40	0°14	18°49	9°47	10°37	19°38	n.a.	S 28
M29	11 17 10	20°44'46	20°58	7°13	13°54	15°55	18° 0	14°58	17°42	0°D14	18°50	9°44	10°34	19°45	n.a.	M29
T 30	11 21 6	21°42'23	5♊ 8	6°58	15° 7	16°38	17°52	14°57	17°44	0°14	18°51	9°D43	10°30	19°51	n.a.	T 30
W31	11 25 3	22♓39'58	18♊56	6♓46	16♓21	17♓20	17♍45	14♋57	17♑46	0♋14	18♉52	9°R43	10♐27	19♎58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	13s54	17n55	2n40	4s 8	2n54	19s33	1s22	14s 3	0s52	5n 8	1n46	24n26	1n29	23s28	0s36	24n 5	0n 9	15n44	2s 3	22s46	22s42	10s34					n.a.
T 2	13 34	20 52	1 33	3 44	3 1	19 13	1 23	13 48	0 52	5 10	1 46	24 27	1 29	23 28	0 36	24 5	0 9	15 44	2 3	22 46	22 41	10 36					n.a.
W 3	13 14	22 32	0 21	3 22	3 8	18 53	1 24	13 32	0 52	5 13	1 46	24 27	1 29	23 28	0 36	24 5	0 9	15 44	2 3	22 46	22 41	10 38					n.a.
T 4	12 54	22 51	0s50	3 4	3 13	18 32	1 24	13 16	0 51	5 15	1 46	24 27	1 29	23 27	0 36	24 5	0 9	15 44	2 3	22 46	22 40	10 40					n.a.
F 5	12 34	21 51	1 58	2 50	3 17	18 11	1 25	13 0	0 51	5 18	1 47	24 28	1 29	23 27	0 36	24 5	0 9	15 44	2 3	22 46	22 40	10 42					n.a.
S 6	12 13	19 42	2 58	2 39	3 20	17 49	1 25	12 44	0 50	5 21	1 47	24 28	1 29	23 27	0 36	24 5	0 9	15 45	2 3	22 45	22 39	10 44					n.a.
S 7	11 53	16 35	3 47	2 31	3 22	17 27	1 25	12 28	0 50	5 24	1 47	24 28	1 29	23 26	0 36	24 5	0 9	15 45	2 2	22 44	22 39	10 47					n.a.
M 8	11 32	12 44	4 25	2 27	3 22	17 4	1 26	12 12	0 50	5 26	1 47	24 28	1 29	23 26	0 36	24 5	0 9	15 45	2 2	22 43	22 39	10 49					n.a.
T 9	11 11	8 24	4 49	2 26	3 21	16 41	1 26	11 55	0 49	5 29	1 47	24 29	1 29	23 26	0 36	24 5	0 9	15 45	2 2	22 41	22 38	10 51					n.a.
W10	10 49	3 47	5 0	2 29	3 19	16 17	1 26	11 39	0 49	5 32	1 47	24 29	1 29	23 25	0 36	24 5	0 9	15 46	2 2	22 40	22 38	10 53					n.a.
T 11	10 28	0s54	4 56	2 35	3 16	15 53	1 26	11 22	0 48	5 35	1 47	24 29	1 29	23 25	0 36	24 5	0 9	15 46	2 2	22 38	22 37	10 55					n.a.
F 12	10 7	5 30	4 39	2 45	3 11	15 29	1 26	11 6	0 48	5 38	1 47	24 29	1 29	23 25	0 36	24 5	0 9	15 46	2 2	22 36	22 37	10 57					n.a.
S 13	9 45	9 52	4 10	2 58	3 4	15 4	1 26	10 49	0 47	5 41	1 47	24 30	1 29	23 24	0 36	24 5	0 9	15 46	2 2	22 35	22 36	11 0					n.a.
S 14	9 23	13 49	3 31	3 13	2 57	14 38	1 26	10 33	0 47	5 44	1 47	24 30	1 29	23 24	0 36	24 5	0 9	15 47	2 2	22 33	22 36	11 2					n.a.
M15	9 1	17 14	2 42	3 32	2 48	14 13	1 26	10 16	0 46	5 46	1 47	24 30	1 29	23 24	0 36	24 5	0 9	15 47	2 2	22 33	22 35	11 4					n.a.
T 16	8 39	19 57	1 46	3 53	2 37	13 46	1 26	9 59	0 46	5 49	1 47	24 30	1 29	23 24	0 36	24 5	0 9	15 47	2 2	22 32	22 35	11 6					n.a.
W17	8 17	21 49	0 44	4 17	2 26	13 20	1 26	9 42	0 45	5 52	1 47	24 30	1 29	23 23	0 36	24 5	0 9	15 47	2 1	22 32	22 35	11 8					n.a.
T 18	7 55	22 42	0n20	4 42	2 13	12 53	1 25	9 25	0 45	5 55	1 47	24 31	1 29	23 23	0 36	24 5	0 9	15 48	2 1	22 32	22 34	11 10					n.a.
F 19	7 32	22 28	1 26	5 9	2 0	12 26	1 25	9 8	0 44	5 58	1 47	24 31	1 29	23 23	0 37	24 5	0 9	15 48	2 1	22 32	22 34	11 12					n.a.
S 20	7 10	21 4	2 28	5 37	1 45	11 59	1 25	8 51	0 44	6 1	1 47	24 31	1 29	23 22	0 37	24 5	0 9	15 48	2 1	22 32	22 33	11 14					n.a.
S 21	6 47	18 27	3 25	6 6	1 30	11 31	1 24	8 34	0 43	6 4	1 47	24 31	1 28	23 22	0 37	24 5	0 10	15 49	2 1	22 31	22 33	11 17					n.a.
M22	6 25	14 44	4 12	6 35	1 14	11 3	1 24	8 17	0 43	6 7	1 47	24 31	1 28	23 22	0 37	24 5	0 10	15 49	2 1	22 30	22 32	11 19					n.a.
T 23	6 2	10 3	4 45	7 4	0 58	10 34	1 23	8 0	0 43	6 11	1 47	24 31	1 28	23 22	0 37	24 5	0 10	15 49	2 1	22 29	22 32	11 21					n.a.
W24	5 39	4 42	5 0	7 33	0 41	10 6	1 22	7 43	0 42	6 14	1 47	24 31	1 28	23 21	0 37	24 5	0 10	15 50	2 1	22 27	22 31	11 23					n.a.
T 25	5 16	1n 2	4 55	8 1	0 24	9 37	1 21	7 25	0 42	6 17	1 47	24 31	1 28	23 21	0 37	24 5	0 10	15 50	2 1	22 26	22 31	11 25					n.a.
F 26	4 53	6 45	4 29	8 28	0 8	9 8	1 21	7 8	0 41	6 20	1 47	24 31	1 28	23 21	0 37	24 5	0 10	15 50	2 0	22 24	22 30	11 27					n.a.
S 27	4 30	12 3	3 45	8 54	0s 9	8 39	1 20	6 51	0 41	6 23	1 47	24 31	1 28	23 21	0 37	24 5	0 10	15 51	2 0	22 23	22 30	11 29					n.a.
S 28	4 7	16 33	2 46	9 17	0 25	8 9	1 19	6 33	0 40	6 26	1 47	24 31	1 28	23 20	0 37	24 5	0 10	15 51	2 0	22 22	22 30	11 31					n.a.
M29	3 44	19 56	1 38	9 39	0 40	7 39	1 18	6 16	0 40	6 29	1 47	24 31	1 28	23 20	0 37	24 5	0 10	15 51	2 0	22 22	22 29	11 33					n.a.
T 30	3 21	21 59	0 24	9 59	0 55	7 9	1 17	5 59	0 39	6 32	1 47	24 31	1 28	23 20	0 37	24 5	0 10	15 52	2 0	22 22	22 29	11 35					n.a.
W31	2s58	22n39	0s49	10s17	1s10	6s39	1s16	5s41	0s39	6n35	1n47	24n31	1n28	23s20	0s37	24n 5	0n10	15n52	2s 0	22s22	22s28	11s38					n.a.

Julian Day Number = 980755.5, Delta T = 13h14m08s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'45, Lahiri = -31°54'44 Julian Calendar 1 March 2028 BCE == Greg. Calendar 12 Feb. 2028 BCE

The year -2027 astronomical counting style corresponds to year 2028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

APRIL 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 28 59	23♓37'32	2♋23	6°R39	17♓35	18♓ 3	17°R37	14°R56	17♏48	0♋14	18♉53	9°R43	10♐24	20♎ 5	n.a.	T 1
F 2	11 32 56	24°35'04	15°30	6°D37	18°48	18°46	17♍29	14♋56	17°50	0°14	18°54	9♐41	10°21	20°11	n.a.	F 2
S 3	11 36 52	25°32'34	28°21	6♓39	20° 2	19°28	17°22	14°56	17°52	0°14	18°55	9°37	10°18	20°18	n.a.	S 3
S 4	11 40 49	26°30'03	10♌58	6°45	21°16	20°11	17°15	14°D56	17°53	0°14	18°56	9°31	10°14	20°25	n.a.	S 4
M 5	11 44 46	27°27'30	23°24	6°57	22°29	20°53	17° 7	14°56	17°55	0°14	18°57	9°22	10°11	20°32	n.a.	M 5
T 6	11 48 42	28°24'56	5♍41	7°12	23°43	21°35	17° 0	14°56	17°57	0°15	18°58	9°11	10° 8	20°38	n.a.	T 6
W 7	11 52 39	29°22'20	17°49	7°33	24°56	22°18	16°52	14°56	17°58	0°15	18°59	8°58	10° 5	20°45	n.a.	W 7
T 8	11 56 35	0♈19'43	29°50	7°57	26°10	23° 0	16°45	14°57	18° 0	0°15	19° 0	8°46	10° 2	20°52	n.a.	T 8
F 9	12 0 32	1°17'05	11♎46	8°26	27°24	23°42	16°38	14°57	18° 1	0°16	19° 1	8°35	9°59	20°58	n.a.	F 9
S 10	12 4 28	2°14'25	23°38	8°59	28°37	24°24	16°31	14°58	18° 3	0°16	19° 2	8°25	9°55	21° 5	n.a.	S 10
S 11	12 8 25	3°11'45	5♏27	9°36	29°51	25° 6	16°24	14°59	18° 4	0°16	19° 3	8°18	9°52	21°12	n.a.	S 11
M12	12 12 21	4° 9'04	17°17	10°17	1♈ 4	25°48	16°17	14°59	18° 5	0°17	19° 4	8°13	9°49	21°18	n.a.	M12
T 13	12 16 18	5° 6'22	29°10	11° 1	2°18	26°30	16°10	15° 0	18° 7	0°17	19° 6	8°11	9°46	21°25	n.a.	T 13
W14	12 20 14	6° 3'39	11♐11	11°50	3°32	27°12	16° 3	15° 1	18° 8	0°18	19° 7	8°D11	9°43	21°32	n.a.	W14
T 15	12 24 11	7° 0'55	23°24	12°42	4°45	27°54	15°56	15° 2	18° 9	0°18	19° 8	8°11	9°40	21°38	n.a.	T 15
F 16	12 28 8	7°58'11	5♑54	13°37	5°59	28°36	15°50	15° 3	18°11	0°19	19° 9	8°R12	9°36	21°45	n.a.	F 16
S 17	12 32 4	8°55'26	18°46	14°36	7°12	29°18	15°43	15° 5	18°12	0°20	19°10	8°12	9°33	21°52	n.a.	S 17
S 18	12 36 1	9°52'40	2♒ 4	15°38	8°26	29°59	15°37	15° 6	18°13	0°20	19°12	8° 9	9°30	21°58	n.a.	S 18
M19	12 39 57	10°49'54	15°51	16°44	9°40	0♈41	15°30	15° 7	18°14	0°21	19°13	8° 5	9°27	22° 5	n.a.	M19
T 20	12 43 54	11°47'07	0♓ 7	17°52	10°53	1°23	15°24	15° 9	18°15	0°22	19°14	7°59	9°24	22°12	n.a.	T 20
W21	12 47 50	12°44'19	14°49	19° 4	12° 7	2° 5	15°18	15°11	18°16	0°22	19°15	7°51	9°20	22°19	n.a.	W21
T 22	12 51 47	13°41'31	29°51	20°19	13°21	2°46	15°12	15°12	18°17	0°23	19°17	7°43	9°17	22°25	n.a.	T 22
F 23	12 55 44	14°38'42	15♈ 5	21°37	14°34	3°28	15° 6	15°14	18°18	0°24	19°18	7°36	9°14	22°32	n.a.	F 23
S 24	12 59 40	15°35'53	0♉20	22°57	15°48	4° 9	15° 0	15°16	18°18	0°25	19°19	7°30	9°11	22°39	n.a.	S 24
S 25	13 3 37	16°33'02	15°24	24°21	17° 2	4°51	14°55	15°18	18°19	0°26	19°21	7°26	9° 8	22°45	n.a.	S 25
M26	13 7 33	17°30'11	0♊11	25°48	18°15	5°32	14°49	15°20	18°20	0°27	19°22	7°24	9° 5	22°52	n.a.	M26
T 27	13 11 30	18°27'20	14°34	27°17	19°29	6°13	14°44	15°23	18°21	0°27	19°23	7°D24	9° 1	22°59	n.a.	T 27
W28	13 15 26	19°24'27	28°31	28°49	20°43	6°55	14°39	15°25	18°21	0°28	19°25	7°25	8°58	23° 5	n.a.	W28
T 29	13 19 23	20°21'34	12♋ 3	0♈25	21°56	7°36	14°34	15°28	18°22	0°29	19°26	7°26	8°55	23°12	n.a.	T 29
F 30	13 23 19	21♈18'39	25♋11	2♈ 2	23♈10	8♈17	14♍29	15♋30	18♏22	0♋30	19♉27	7°R26	8♐52	23♎19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s35	21n57	1s57	10s32	1s24	6s 9	1s15	5s24	0s38	6n38	1n47	24n31	1n28	23s19	0s37	24n 5	0n10	15n52	2s 0	22s22	22s28	11s40		n.a.
F 2	2 12	20 4	2 58	10 45	1 37	5 38	1 13	5 6	0 38	6 40	1 47	24 31	1 28	23 19	0 37	24 5	0 10	15 53	2 0	22 21	22 27	11 42		n.a.
S 3	1 48	17 12	3 48	10 56	1 49	5 8	1 12	4 49	0 37	6 43	1 47	24 31	1 28	23 19	0 37	24 5	0 10	15 53	2 0	22 21	22 27	11 44		n.a.
S 4	1 25	13 35	4 26	11 4	2 0	4 37	1 11	4 31	0 36	6 46	1 47	24 31	1 28	23 19	0 37	24 5	0 10	15 53	2 0	22 20	22 26	11 46		n.a.
M 5	1 2	9 26	4 50	11 9	2 10	4 6	1 9	4 14	0 36	6 49	1 47	24 31	1 28	23 19	0 37	24 5	0 10	15 54	1 59	22 18	22 26	11 48		n.a.
T 6	0 39	4 58	5 1	11 12	2 20	3 35	1 8	3 56	0 35	6 52	1 46	24 31	1 27	23 18	0 37	24 5	0 10	15 54	1 59	22 17	22 25	11 50		n.a.
W 7	0 15	0 21	4 58	11 12	2 29	3 4	1 7	3 39	0 35	6 55	1 46	24 31	1 27	23 18	0 37	24 5	0 10	15 55	1 59	22 15	22 25	11 52		n.a.
T 8	0n 8	4s14	4 42	11 10	2 36	2 33	1 5	3 21	0 34	6 57	1 46	24 31	1 27	23 18	0 37	24 5	0 10	15 55	1 59	22 13	22 24	11 54		n.a.
F 9	0 31	8 37	4 13	11 5	2 43	2 1	1 3	3 4	0 34	7 0	1 46	24 31	1 27	23 18	0 37	24 5	0 10	15 55	1 59	22 11	22 24	11 56		n.a.
S 10	0 54	12 39	3 34	10 58	2 49	1 30	1 2	2 46	0 33	7 3	1 46	24 31	1 27	23 18	0 37	24 5	0 10	15 56	1 59	22 9	22 23	11 58		n.a.
S 11	1 18	16 12	2 45	10 48	2 54	0 59	1 0	2 29	0 33	7 6	1 46	24 31	1 27	23 18	0 37	24 5	0 10	15 56	1 59	22 8	22 23	12 0		n.a.
M12	1 41	19 5	1 49	10 36	2 58	0 27	0 59	2 11	0 32	7 8	1 46	24 30	1 27	23 17	0 37	24 5	0 10	15 56	1 59	22 7	22 22	12 2		n.a.
T 13	2 4	21 10	0 48	10 22	3 2	0n 4	0 57	1 54	0 32	7 11	1 45	24 30	1 27	23 17	0 37	24 5	0 10	15 57	1 59	22 7	22 22	12 4		n.a.
W14	2 27	22 19	0n16	10 6	3 4	0 35	0 55	1 36	0 31	7 13	1 45	24 30	1 27	23 17	0 37	24 5	0 10	15 57	1 59	22 7	22 22	12 6		n.a.
T 15	2 50	22 25	1 21	9 47	3 6	1 7	0 53	1 19	0 31	7 16	1 45	24 30	1 27	23 17	0 37	24 5	0 10	15 58	1 59	22 7	22 21	12 8		n.a.
F 16	3 13	21 25	2 23	9 26	3 7	1 38	0 51	1 1	0 30	7 18	1 45	24 30	1 27	23 17	0 37	24 5	0 10	15 58	1 58	22 7	22 21	12 10		n.a.
S 17	3 36	19 17	3 20	9 3	3 7	2 10	0 49	0 44	0 30	7 21	1 45	24 29	1 27	23 17	0 37	24 5	0 10	15 59	1 58	22 7	22 20	12 12		n.a.
S 18	3 59	16 5	4 8	8 38	3 6	2 41	0 48	0 27	0 29	7 23	1 45	24 29	1 27	23 17	0 38	24 5	0 10	15 59	1 58	22 7	22 20	12 14		n.a.
M19	4 22	11 54	4 43	8 10	3 5	3 12	0 46	0 9	0 28	7 25	1 44	24 29	1 27	23 17	0 38	24 5	0 10	15 59	1 58	22 6	22 19	12 16		n.a.
T 20	4 45	6 56	5 3	7 41	3 3	3 44	0 44	0n 8	0 28	7 28	1 44	24 29	1 26	23 16	0 38	24 5	0 10	16 0	1 58	22 5	22 19	12 18		n.a.
W21	5 8	1 27	5 4	7 10	3 0	4 15	0 42	0 26	0 27	7 30	1 44	24 28	1 26	23 16	0 38	24 5	0 10	16 0	1 58	22 4	22 18	12 20		n.a.
T 22	5 31	4n16	4 44	6 37	2 57	4 46	0 39	0 43	0 27	7 32	1 44	24 28	1 26	23 16	0 38	24 5	0 10	16 1	1 58	22 3	22 18	12 22		n.a.
F 23	5 53	9 47	4 3	6 2	2 53	5 17	0 37	1 0	0 26	7 34	1 43	24 28	1 26	23 16	0 38	24 5	0 10	16 1	1 58	22 1	22 17	12 24		n.a.
S 24	6 16	14 42	3 6	5 25	2 48	5 48	0 35	1 18	0 26	7 36	1 43	24 28	1 26	23 16	0 38	24 5	0 10	16 2	1 58	22 0	22 17	12 26		n.a.
S 25	6 38	18 37	1 56	4 46	2 43	6 19	0 33	1 35	0 25	7 38	1 43	24 27	1 26	23 16	0 38	24 5	0 10	16 2	1 58	22 0	22 16	12 28		n.a.
M26	7 0	21 14	0 39	4 6	2 37	6 49	0 31	1 52	0 25	7 40	1 43	24 27	1 26	23 16	0 38	24 5	0 10	16 2	1 58	21 59	22 16	12 30		n.a.
T 27	7 23	22 22	0s39	3 23	2 30	7 20	0 29	2 9	0 24	7 42	1 43	24 27	1 26	23 16	0 38	24 5	0 10	16 3	1 57	21 59	22 15	12 32		n.a.
W28	7 45	22 4	1 52	2 39	2 23	7 50	0 26	2 26	0 23	7 44	1 42	24 26	1 26	23 16	0 38	24 5	0 10	16 3	1 57	21 59	22 15	12 34		n.a.
T 29	8 7	20 27	2 56	1 54	2 15	8 20	0 24	2 44	0 23	7 46	1 42	24 26	1 26	23 16	0 38	24 5	0 10	16 4	1 57	22 0	22 14	12 36		n.a.
F 30	8n29	17n47	3s49	1s 7	2s 7	8n50	0s22	3n 1	0s22	7n47	1n42	24n25	1n26	23s16	0s38	24n 5	0n10	16n 4	1s57	22s 0	22s14	12s38		n.a.

Julian Day Number = 980786.5, Delta T = 13h14m06s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'41, Lahiri = -31°54'40 Julian Calendar 1 Apr. 2028 BCE == Greg. Calendar 15 March 2028 BCE

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

MAY 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 27 16	22♈15'44	7♌58	3♈43	24♈23	8♈58	14°R24	15♋33	18♏23	0♋31	19♉29	7°R25	8♐49	23♎25	n.a.	S 1
S 2	13 31 13	23°12'48	20°29	5°26	25°37	9°39	14♍20	15°35	18°23	0°32	19°30	7♐22	8°45	23°32	n.a.	S 2
M 3	13 35 9	24° 9'52	2♍47	7°13	26°51	10°20	14°15	15°38	18°24	0°34	19°32	7°17	8°42	23°39	n.a.	M 3
T 4	13 39 6	25° 6'54	14°54	9° 1	28° 4	11° 1	14°11	15°41	18°24	0°35	19°33	7°10	8°39	23°45	n.a.	T 4
W 5	13 43 2	26° 3'57	26°53	10°53	29°18	11°42	14° 7	15°44	18°24	0°36	19°34	7° 3	8°36	23°52	n.a.	W 5
T 6	13 46 59	27° 0'59	8♎48	12°47	0♉32	12°23	14° 3	15°47	18°25	0°37	19°36	6°56	8°33	23°59	n.a.	T 6
F 7	13 50 55	27°58'00	20°39	14°43	1°45	13° 4	13°59	15°50	18°25	0°38	19°37	6°49	8°30	24° 6	n.a.	F 7
S 8	13 54 52	28°55'01	2♏29	16°42	2°59	13°45	13°55	15°54	18°25	0°39	19°39	6°43	8°26	24°12	n.a.	S 8
S 9	13 58 48	29°52'03	14°20	18°42	4°13	14°25	13°52	15°57	18°25	0°41	19°40	6°39	8°23	24°19	n.a.	S 9
M10	14 2 45	0♉49'04	26°13	20°45	5°26	15° 6	13°49	16° 0	18°25	0°42	19°42	6°37	8°20	24°26	n.a.	M10
T 11	14 6 42	1°46'05	8♐12	22°50	6°40	15°47	13°45	16° 4	18°R25	0°43	19°43	6°D37	8°17	24°32	n.a.	T 11
W12	14 10 38	2°43'06	20°19	24°56	7°54	16°27	13°42	16° 7	18°25	0°45	19°45	6°37	8°14	24°39	n.a.	W12
T 13	14 14 35	3°40'07	2♑37	27° 4	9° 7	17° 8	13°40	16°11	18°25	0°46	19°46	6°39	8°11	24°46	n.a.	T 13
F 14	14 18 31	4°37'09	15°10	29°12	10°21	17°48	13°37	16°15	18°25	0°47	19°48	6°40	8° 7	24°52	n.a.	F 14
S 15	14 22 28	5°34'10	28° 3	1♉22	11°35	18°29	13°35	16°19	18°25	0°49	19°49	6°41	8° 4	24°59	n.a.	S 15
S 16	14 26 24	6°31'12	11♒18	3°32	12°48	19° 9	13°32	16°23	18°24	0°50	19°51	6°R42	8° 1	25° 6	n.a.	S 16
M17	14 30 21	7°28'15	24°58	5°42	14° 2	19°49	13°30	16°27	18°24	0°52	19°52	6°41	7°58	25°12	n.a.	M17
T 18	14 34 18	8°25'18	9♓ 4	7°53	15°16	20°30	13°28	16°31	18°24	0°53	19°54	6°38	7°55	25°19	n.a.	T 18
W19	14 38 14	9°22'21	23°35	10° 2	16°30	21°10	13°27	16°35	18°23	0°55	19°55	6°35	7°51	25°26	n.a.	W19
T 20	14 42 11	10°19'24	8♈27	12°12	17°43	21°50	13°25	16°39	18°23	0°56	19°57	6°32	7°48	25°32	n.a.	T 20
F 21	14 46 7	11°16'28	23°33	14°21	18°57	22°31	13°24	16°43	18°22	0°58	19°58	6°28	7°45	25°39	n.a.	F 21
S 22	14 50 4	12°13'33	8♉43	16°28	20°11	23°11	13°22	16°48	18°22	0°59	20° 0	6°26	7°42	25°46	n.a.	S 22
S 23	14 54 0	13°10'37	23°49	18°35	21°25	23°51	13°21	16°52	18°21	1° 1	20° 1	6°24	7°39	25°52	n.a.	S 23
M24	14 57 57	14° 7'43	8♊41	20°40	22°38	24°31	13°21	16°57	18°21	1° 3	20° 3	6°D24	7°36	25°59	n.a.	M24
T 25	15 1 54	15° 4'48	23°12	22°44	23°52	25°11	13°20	17° 1	18°20	1° 4	20° 4	6°24	7°32	26° 6	n.a.	T 25
W26	15 5 50	16° 1'53	7♋18	24°46	25° 6	25°51	13°19	17° 6	18°19	1° 6	20° 6	6°26	7°29	26°12	n.a.	W26
T 27	15 9 47	16°58'59	20°57	26°47	26°20	26°31	13°19	17°11	18°19	1° 8	20° 7	6°27	7°26	26°19	n.a.	T 27
F 28	15 13 43	17°56'05	4♌11	28°46	27°33	27°11	13°D19	17°16	18°18	1° 9	20° 9	6°28	7°23	26°26	n.a.	F 28
S 29	15 17 40	18°53'11	17° 1	0♊43	28°47	27°51	13°19	17°21	18°17	1°11	20°11	6°R28	7°20	26°33	n.a.	S 29
S 30	15 21 36	19°50'17	29°32	2°39	0♊ 1	28°30	13°19	17°26	18°16	1°13	20°12	6°28	7°17	26°39	n.a.	S 30
M31	15 25 33	20♉47'23	11♍47	4♊33	1♊15	29♈10	13♍20	17♋31	18♏15	1♋15	20♉14	6♐27	7♐13	26♎46	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n50	14n19	4s29	0s18	1s59	9n20	0s20	3n18	0s22	7n49	1n42	24n25	1n26	23s16	0s38	24n 5	0n10	16n 5	1s57	21s59	22s13	12s40		n.a.
S 2	9 12	10 17	4 56	0n32	1 50	9 50	0 17	3 35	0 21	7 51	1 41	24 25	1 26	23 16	0 38	24 5	0 10	16 5	1 57	21 59	22 13	12 42		n.a.
M 3	9 33	5 55	5 8	1 23	1 40	10 19	0 15	3 52	0 21	7 52	1 41	24 24	1 26	23 16	0 38	24 5	0 10	16 6	1 57	21 58	22 12	12 44		n.a.
T 4	9 55	1 22	5 6	2 16	1 30	10 48	0 13	4 8	0 20	7 53	1 41	24 24	1 26	23 16	0 38	24 5	0 10	16 6	1 57	21 57	22 12	12 46		n.a.
W 5	10 16	3s10	4 51	3 10	1 20	11 17	0 10	4 25	0 19	7 55	1 40	24 23	1 25	23 16	0 38	24 5	0 10	16 7	1 57	21 56	22 11	12 48		n.a.
T 6	10 37	7 34	4 23	4 5	1 10	11 46	0 8	4 42	0 19	7 56	1 40	24 23	1 25	23 16	0 38	24 5	0 10	16 7	1 57	21 54	22 11	12 50		n.a.
F 7	10 58	11 40	3 44	5 1	0 59	12 14	0 6	4 59	0 18	7 57	1 40	24 23	1 25	23 16	0 38	24 5	0 10	16 8	1 57	21 53	22 10	12 52		n.a.
S 8	11 19	15 19	2 55	5 57	0 48	12 42	0 3	5 16	0 18	7 59	1 40	24 22	1 25	23 16	0 38	24 5	0 10	16 8	1 57	21 52	22 10	12 54		n.a.
S 9	11 39	18 21	1 58	6 54	0 37	13 10	0 1	5 32	0 17	8 0	1 39	24 22	1 25	23 16	0 38	24 5	0 10	16 9	1 57	21 52	22 9	12 56		n.a.
M10	11 59	20 37	0 56	7 52	0 26	13 37	0n 1	5 49	0 16	8 1	1 39	24 21	1 25	23 16	0 38	24 5	0 10	16 9	1 56	21 51	22 9	12 58		n.a.
T 11	12 20	21 59	0n 9	8 49	0 15	14 4	0 4	6 5	0 16	8 2	1 39	24 21	1 25	23 16	0 38	24 5	0 10	16 9	1 56	21 51	22 8	13 0		n.a.
W12	12 40	22 20	1 14	9 47	0 4	14 31	0 6	6 22	0 15	8 2	1 38	24 20	1 25	23 16	0 38	24 5	0 10	16 10	1 56	21 51	22 8	13 2		n.a.
T 13	13 0	21 36	2 18	10 44	0n 7	14 58	0 8	6 38	0 15	8 3	1 38	24 20	1 25	23 16	0 38	24 5	0 10	16 10	1 56	21 52	22 7	13 4		n.a.
F 14	13 19	19 48	3 16	11 41	0 17	15 24	0 11	6 54	0 14	8 4	1 38	24 19	1 25	23 16	0 38	24 5	0 10	16 11	1 56	21 52	22 6	13 6		n.a.
S 15	13 39	16 58	4 5	12 37	0 28	15 49	0 13	7 11	0 13	8 5	1 37	24 19	1 25	23 16	0 39	24 5	0 10	16 11	1 56	21 52	22 6	13 8		n.a.
S 16	13 58	13 12	4 44	13 32	0 38	16 15	0 16	7 27	0 13	8 5	1 37	24 18	1 25	23 16	0 39	24 5	0 10	16 12	1 56	21 52	22 5	13 9		n.a.
M17	14 17	8 39	5 7	14 26	0 47	16 40	0 18	7 43	0 12	8 6	1 37	24 17	1 25	23 16	0 39	24 5	0 10	16 12	1 56	21 52	22 5	13 11		n.a.
T 18	14 36	3 30	5 13	15 18	0 56	17 4	0 20	7 59	0 12	8 6	1 37	24 17	1 25	23 16	0 39	24 5	0 10	16 13	1 56	21 51	22 4	13 13		n.a.
W19	14 54	1n59	5 0	16 9	1 5	17 28	0 23	8 15	0 11	8 7	1 36	24 16	1 25	23 16	0 39	24 5	0 10	16 13	1 56	21 51	22 4	13 15		n.a.
T 20	15 13	7 29	4 27	16 57	1 13	17 52	0 25	8 31	0 10	8 7	1 36	24 16	1 25	23 16	0 39	24 5	0 10	16 14	1 56	21 50	22 3	13 17		n.a.
F 21	15 31	12 38	3 34	17 44	1 20	18 15	0 27	8 47	0 10	8 7	1 36	24 15	1 24	23 17	0 39	24 5	0 10	16 14	1 56	21 50	22 3	13 19		n.a.
S 22	15 49	17 0	2 27	18 29	1 27	18 37	0 29	9 3	0 9	8 7	1 35	24 14	1 24	23 17	0 39	24 5	0 10	16 15	1 56	21 49	22 2	13 21		n.a.
S 23	16 7	20 13	1 9	19 11	1 33	18 59	0 32	9 18	0 9	8 8	1 35	24 14	1 24	23 17	0 39	24 5	0 10	16 15	1 56	21 49	22 2	13 23		n.a.
M24	16 24	21 59	0s13	19 51	1 38	19 21	0 34	9 34	0 8	8 8	1 35	24 13	1 24	23 17	0 39	24 5	0 10	16 16	1 55	21 49	22 1	13 25		n.a.
T 25	16 41	22 14	1 31	20 29	1 43	19 42	0 36	9 49	0 7	8 8	1 34	24 13	1 24	23 17	0 39	24 5	0 10	16 16	1 55	21 49	22 1	13 27		n.a.
W26	16 58	21 1	2 42	21 4	1 47	20 3	0 38	10 5	0 7	8 7	1 34	24 12	1 24	23 17	0 39	24 5	0 10	16 17	1 55	21 49	22 0	13 28		n.a.
T 27	17 15	18 36	3 42	21 37	1 50	20 23	0 41	10 20	0 6	8 7	1 34	24 11	1 24	23 17	0 39	24 5	0 10	16 17	1 55	21 50	22 0	13 30		n.a.
F 28	17 31	15 17	4 27	22 7	1 53	20 42	0 43	10 35	0 6	8 7	1 33	24 11	1 24	23 17	0 39	24 5	0 10	16 18	1 55	21 50	21 59	13 32		n.a.
S 29	17 47	11 19	4 58	22 35	1 55	21 1	0 45	10 50	0 5	8 7	1 33	24 10	1 24	23 18	0 39	24 5	0 10	16 18	1 55	21 50	21 59	13 34		n.a.
S 30	18 3	6 59	5 14	23 1	1 56	21 20	0 47	11 5	0 4	8 6	1 33	24 9	1 24	23 18	0 39	24 5	0 10	16 19	1 55	21 50	21 58	13 36		n.a.
M31	18n19	2n27	5s15	23n24	1n57	21n38	0n49	11n20	0s 4	8n 6	1n32	24n 8	1n24	23s18	0s39	24n 5	0n10	16n19	1s55	21s50	21s57	13s38		n.a.

Julian Day Number = 980816.5, Delta T = 13h14m04s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'37, Lahiri = -31°54'36 Julian Calendar 1 May 2028 BCE == Greg. Calendar 14 Apr. 2028 BCE

The year -2027 astronomical counting style corresponds to year 2028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

JUNE 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 29 29	21♉44'30	23♍50	6♊25	2♊28	29♈50	13♍21	17♋36	18°R14	1♋16	20♉15	6°R26	7♐10	26♎53	n.a.	T 1
W 2	15 33 26	22°41'37	5♎45	8°15	3°42	0♉29	13°21	17°41	18♏13	1°18	20°17	6♐24	7° 7	26°59	n.a.	W 2
T 3	15 37 23	23°38'45	17°36	10° 3	4°56	1° 9	13°22	17°46	18°12	1°20	20°18	6°22	7° 4	27° 6	n.a.	T 3
F 4	15 41 19	24°35'53	29°26	11°49	6°10	1°49	13°24	17°52	18°11	1°22	20°20	6°20	7° 1	27°13	n.a.	F 4
S 5	15 45 16	25°33'02	11♏18	13°34	7°23	2°28	13°25	17°57	18°10	1°24	20°21	6°19	6°57	27°19	n.a.	S 5
S 6	15 49 12	26°30'12	23°13	15°17	8°37	3° 8	13°26	18° 2	18° 9	1°26	20°23	6°18	6°54	27°26	n.a.	S 6
M 7	15 53 9	27°27'22	5♐14	16°58	9°51	3°47	13°28	18° 8	18° 8	1°28	20°24	6°D18	6°51	27°33	n.a.	M 7
T 8	15 57 5	28°24'34	17°23	18°37	11° 5	4°26	13°30	18°13	18° 6	1°29	20°26	6°18	6°48	27°39	n.a.	T 8
W 9	16 1 2	29°21'46	29°42	20°15	12°19	5° 6	13°32	18°19	18° 5	1°31	20°28	6°18	6°45	27°46	n.a.	W 9
T 10	16 4 59	0♊18'59	12♑13	21°50	13°32	5°45	13°34	18°25	18° 4	1°33	20°29	6°19	6°42	27°53	n.a.	T 10
F 11	16 8 55	1°16'14	24°58	23°24	14°46	6°24	13°37	18°30	18° 2	1°35	20°31	6°19	6°38	27°59	n.a.	F 11
S 12	16 12 52	2°13'29	7♒58	24°56	16° 0	7° 4	13°39	18°36	18° 1	1°37	20°32	6°20	6°35	28° 6	n.a.	S 12
S 13	16 16 48	3°10'46	21°17	26°26	17°14	7°43	13°42	18°42	17°59	1°39	20°34	6°20	6°32	28°13	n.a.	S 13
M14	16 20 45	4° 8'04	4♓54	27°55	18°28	8°22	13°45	18°48	17°58	1°41	20°35	6°R20	6°29	28°19	n.a.	M14
T 15	16 24 41	5° 5'23	18°52	29°21	19°42	9° 1	13°48	18°54	17°56	1°43	20°37	6°20	6°26	28°26	n.a.	T 15
W16	16 28 38	6° 2'44	3♈ 9	0♋46	20°55	9°40	13°51	19° 0	17°55	1°45	20°38	6°D20	6°22	28°33	n.a.	W16
T 17	16 32 34	7° 0'06	17°42	2° 8	22° 9	10°19	13°55	19° 6	17°53	1°47	20°40	6°20	6°19	28°39	n.a.	T 17
F 18	16 36 31	7°57'30	2♉28	3°29	23°23	10°58	13°58	19°12	17°51	1°49	20°41	6°20	6°16	28°46	n.a.	F 18
S 19	16 40 28	8°54'55	17°21	4°48	24°37	11°37	14° 2	19°18	17°50	1°52	20°43	6°20	6°13	28°53	n.a.	S 19
S 20	16 44 24	9°52'21	2♊13	6° 5	25°51	12°16	14° 6	19°24	17°48	1°54	20°44	6°R20	6°10	28°59	n.a.	S 20
M21	16 48 21	10°49'49	16°56	7°19	27° 5	12°55	14°10	19°31	17°46	1°56	20°46	6°20	6° 7	29° 6	n.a.	M21
T 22	16 52 17	11°47'18	1♋24	8°32	28°18	13°34	14°14	19°37	17°45	1°58	20°47	6°20	6° 3	29°13	n.a.	T 22
W23	16 56 14	12°44'48	15°31	9°42	29°32	14°12	14°19	19°43	17°43	2° 0	20°49	6°20	6° 0	29°19	n.a.	W23
T 24	17 0 10	13°42'20	29°15	10°50	0♋46	14°51	14°24	19°50	17°41	2° 2	20°50	6°19	5°57	29°26	n.a.	T 24
F 25	17 4 7	14°39'52	12♌33	11°55	2° 0	15°30	14°28	19°56	17°39	2° 4	20°51	6°18	5°54	29°33	n.a.	F 25
S 26	17 8 4	15°37'25	25°28	12°58	3°14	16° 9	14°33	20° 3	17°37	2° 6	20°53	6°17	5°51	29°39	n.a.	S 26
S 27	17 12 0	16°35'00	8♍ 1	13°58	4°28	16°47	14°38	20° 9	17°35	2° 9	20°54	6°16	5°48	29°46	n.a.	S 27
M28	17 15 57	17°32'36	20°17	14°56	5°42	17°26	14°44	20°16	17°33	2°11	20°56	6°D16	5°44	29°53	n.a.	M28
T 29	17 19 53	18°30'12	2♎19	15°50	6°55	18° 4	14°49	20°22	17°31	2°13	20°57	6°17	5°41	29°59	n.a.	T 29
W30	17 23 50	19♊27'51	14♎14	16♋42	8♋ 9	18♉43	14♍54	20♋29	17♏29	2♋15	20♉59	6♐18	5♐38	0♏ 6	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n34	2s 6	5s 2	23n44	1n57	21n55	0n51	11n35	0s 3	8n 5	1n32	24n 8	1n24	23s18	0s39	24n 5	0n10	16n19	1s55	21s49	21s57	13s40		n.a.
W 2	18 49	6 32	4 36	24 3	1 57	22 11	0 53	11 50	0 3	8 5	1 32	24 7	1 24	23 18	0 39	24 5	0 10	16 20	1 55	21 49	21 56	13 41		n.a.
T 3	19 4	10 42	3 58	24 19	1 56	22 27	0 55	12 5	0 2	8 4	1 31	24 6	1 24	23 18	0 39	24 5	0 10	16 20	1 55	21 49	21 56	13 43		n.a.
F 4	19 18	14 27	3 10	24 33	1 54	22 43	0 57	12 19	0 1	8 3	1 31	24 5	1 24	23 19	0 39	24 5	0 10	16 21	1 55	21 48	21 55	13 45		n.a.
S 5	19 32	17 39	2 14	24 44	1 52	22 57	0 59	12 34	0 1	8 2	1 31	24 5	1 24	23 19	0 39	24 5	0 10	16 21	1 55	21 48	21 55	13 47		n.a.
S 6	19 46	20 7	1 12	24 54	1 49	23 11	1 1	12 48	0 0	8 1	1 30	24 4	1 24	23 19	0 39	24 5	0 10	16 22	1 55	21 48	21 54	13 49		n.a.
M 7	19 59	21 42	0 6	25 2	1 46	23 25	1 2	13 2	0n 1	8 0	1 30	24 3	1 24	23 19	0 39	24 5	0 10	16 22	1 55	21 48	21 54	13 51		n.a.
T 8	20 13	22 18	1n 1	25 7	1 42	23 37	1 4	13 17	0 1	7 59	1 30	24 2	1 24	23 19	0 39	24 5	0 10	16 23	1 55	21 48	21 53	13 53		n.a.
W 9	20 25	21 49	2 6	25 11	1 38	23 49	1 6	13 31	0 2	7 58	1 29	24 2	1 24	23 20	0 39	24 5	0 10	16 23	1 55	21 48	21 53	13 54		n.a.
T 10	20 38	20 15	3 7	25 13	1 33	24 0	1 8	13 45	0 2	7 57	1 29	24 1	1 24	23 20	0 39	24 5	0 10	16 24	1 54	21 48	21 52	13 56		n.a.
F 11	20 50	17 40	3 59	25 13	1 28	24 11	1 9	13 59	0 3	7 56	1 29	24 0	1 24	23 20	0 39	24 5	0 10	16 24	1 54	21 48	21 52	13 58		n.a.
S 12	21 2	14 9	4 40	25 12	1 22	24 21	1 11	14 12	0 4	7 55	1 28	23 59	1 24	23 20	0 39	24 5	0 10	16 25	1 54	21 48	21 51	14 0		n.a.
S 13	21 13	9 52	5 7	25 9	1 16	24 30	1 12	14 26	0 4	7 53	1 28	23 58	1 24	23 20	0 39	24 5	0 10	16 25	1 54	21 48	21 50	14 2		n.a.
M14	21 24	4 59	5 17	25 4	1 10	24 38	1 14	14 39	0 5	7 52	1 28	23 57	1 24	23 21	0 40	24 5	0 10	16 26	1 54	21 48	21 50	14 3		n.a.
T 15	21 35	0n15	5 10	24 58	1 3	24 46	1 15	14 53	0 6	7 50	1 28	23 56	1 24	23 21	0 40	24 5	0 10	16 26	1 54	21 48	21 49	14 5		n.a.
W16	21 45	5 36	4 44	24 51	0 55	24 53	1 17	15 6	0 6	7 49	1 27	23 56	1 23	23 21	0 40	24 5	0 10	16 26	1 54	21 48	21 49	14 7		n.a.
T 17	21 55	10 45	3 59	24 42	0 48	24 59	1 18	15 19	0 7	7 47	1 27	23 55	1 23	23 21	0 40	24 5	0 10	16 27	1 54	21 48	21 48	14 9		n.a.
F 18	22 5	15 21	2 57	24 32	0 40	25 5	1 19	15 32	0 7	7 45	1 27	23 54	1 23	23 22	0 40	24 5	0 10	16 27	1 54	21 48	21 48	14 11		n.a.
S 19	22 14	19 0	1 44	24 21	0 31	25 9	1 20	15 45	0 8	7 44	1 26	23 53	1 23	23 22	0 40	24 5	0 10	16 28	1 54	21 48	21 47	14 12		n.a.
S 20	22 23	21 24	0 23	24 10	0 23	25 13	1 22	15 58	0 9	7 42	1 26	23 52	1 23	23 22	0 40	24 5	0 10	16 28	1 54	21 48	21 46	14 14		n.a.
M21	22 31	22 18	0s59	23 57	0 13	25 16	1 23	16 11	0 9	7 40	1 26	23 51	1 23	23 22	0 40	24 5	0 10	16 29	1 54	21 48	21 46	14 16		n.a.
T 22	22 39	21 40	2 15	23 43	0 4	25 19	1 24	16 23	0 10	7 38	1 25	23 50	1 23	23 23	0 40	24 5	0 10	16 29	1 54	21 48	21 45	14 18		n.a.
W23	22 47	19 41	3 21	23 28	0s 6	25 20	1 25	16 36	0 11	7 36	1 25	23 49	1 23	23 23	0 40	24 5	0 10	16 29	1 54	21 48	21 45	14 20		n.a.
T 24	22 54	16 36	4 13	23 13	0 15	25 21	1 26	16 48	0 11	7 34	1 25	23 48	1 23	23 23	0 40	24 5	0 10	16 30	1 54	21 48	21 44	14 21		n.a.
F 25	23 1	12 45	4 50	22 57	0 26	25 21	1 27	17 0	0 12	7 32	1 24	23 47	1 23	23 24	0 40	24 5	0 10	16 30	1 54	21 48	21 44	14 23		n.a.
S 26	23 8	8 25	5 11	22 41	0 36	25 20	1 27	17 12	0 13	7 29	1 24	23 46	1 23	23 24	0 40	24 5	0 10	16 31	1 54	21 48	21 43	14 25		n.a.
S 27	23 14	3 51	5 17	22 24	0 47	25 19	1 28	17 24	0 13	7 27	1 24	23 45	1 23	23 24	0 40	24 5	0 10	16 31	1 54	21 48	21 43	14 27		n.a.
M28	23 20	0s46	5 8	22 7	0 58	25 17	1 29	17 36	0 14	7 25	1 23	23 44	1 23	23 24	0 40	24 5	0 10	16 32	1 54	21 48	21 42	14 28		n.a.
T 29	23 25	5 17	4 45	21 50	1 9	25 14	1 29	17 48	0 15	7 22	1 23	23 43	1 23	23 25	0 40	24 5	0 10	16 32	1 54	21 48	21 41	14 30		n.a.
W30	23n30	9s33	4s10	21n32	1s20	25n10	1n30	17n59	0n15	7n20	1n23	23n42	1n23	23s25	0s40	24n 5	0n10	16n32	1s54	21s48	21s41	14s32		n.a.

Julian Day Number = 980847.5, Delta T = 13h14m02s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'32, Lahiri = -31°54'32 Julian Calendar 1 June 2028 BCE == Greg. Calendar 15 May 2028 BCE

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

JULY 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 27 46	20♊25'30	26♎ 4	17♋30	9♋23	19♉21	15♍ 0	20♋36	17°R27	2♋17	21♉ 0	6♐19	5♐35	0♏13	n.a.	T 1
F 2	17 31 43	21°23'11	7♏54	18°15	10°37	20° 0	15° 6	20°42	17♑25	2°19	21° 1	6°20	5°32	0°20	n.a.	F 2
S 3	17 35 39	22°20'53	19°49	18°57	11°51	20°38	15°12	20°49	17°23	2°22	21° 3	6°21	5°28	0°26	n.a.	S 3
S 4	17 39 36	23°18'37	1♐50	19°34	13° 4	21°16	15°18	20°56	17°21	2°24	21° 4	6°R22	5°25	0°33	n.a.	S 4
M 5	17 43 33	24°16'22	14° 2	20° 8	14°18	21°55	15°24	21° 3	17°19	2°26	21° 5	6°22	5°22	0°40	n.a.	M 5
T 6	17 47 29	25°14'09	26°26	20°37	15°32	22°33	15°31	21°10	17°17	2°28	21° 7	6°21	5°19	0°46	n.a.	T 6
W 7	17 51 26	26°11'57	9♑ 2	21° 2	16°46	23°11	15°37	21°17	17°14	2°30	21° 8	6°19	5°16	0°53	n.a.	W 7
T 8	17 55 22	27° 9'48	21°52	21°23	18° 0	23°49	15°44	21°24	17°12	2°33	21° 9	6°16	5°13	1° 0	n.a.	T 8
F 9	17 59 19	28° 7'40	4♒56	21°38	19°14	24°27	15°51	21°30	17°10	2°35	21°11	6°13	5° 9	1° 6	n.a.	F 9
S 10	18 3 15	29° 5'34	18°14	21°48	20°27	25° 5	15°58	21°37	17° 8	2°37	21°12	6°10	5° 6	1°13	n.a.	S 10
S 11	18 7 12	0♋ 3'30	1♓45	21°R53	21°41	25°43	16° 5	21°44	17° 6	2°39	21°13	6° 7	5° 3	1°20	n.a.	S 11
M12	18 11 8	1° 1'27	15°29	21°52	22°55	26°21	16°12	21°51	17° 3	2°42	21°14	6° 5	5° 0	1°26	n.a.	M12
T 13	18 15 5	1°59'27	29°25	21°45	24° 9	26°59	16°20	21°59	17° 1	2°44	21°16	6°D 4	4°57	1°33	n.a.	T 13
W14	18 19 2	2°57'30	13♈32	21°32	25°23	27°37	16°27	22° 6	16°59	2°46	21°17	6° 5	4°54	1°40	n.a.	W14
T 15	18 22 58	3°55'34	27°49	21°13	26°36	28°15	16°35	22°13	16°56	2°48	21°18	6° 6	4°50	1°46	n.a.	T 15
F 16	18 26 55	4°53'40	12♉13	20°48	27°50	28°53	16°43	22°20	16°54	2°50	21°19	6° 7	4°47	1°53	n.a.	F 16
S 17	18 30 51	5°51'49	26°40	20°17	29° 4	29°31	16°51	22°27	16°52	2°53	21°20	6° 8	4°44	2° 0	n.a.	S 17
S 18	18 34 48	6°50'00	11♊ 8	19°41	0♌18	0♊ 9	16°59	22°34	16°49	2°55	21°22	6°R 8	4°41	2° 6	n.a.	S 18
M19	18 38 44	7°48'13	25°31	18°58	1°31	0°46	17° 7	22°41	16°47	2°57	21°23	6° 7	4°38	2°13	n.a.	M19
T 20	18 42 41	8°46'28	9♋43	18°11	2°45	1°24	17°15	22°49	16°45	2°59	21°24	6° 4	4°34	2°20	n.a.	T 20
W21	18 46 37	9°44'45	23°40	17°19	3°59	2° 2	17°23	22°56	16°42	3° 2	21°25	6° 0	4°31	2°26	n.a.	W21
T 22	18 50 34	10°43'04	7♌18	16°24	5°13	2°39	17°32	23° 3	16°40	3° 4	21°26	5°55	4°28	2°33	n.a.	T 22
F 23	18 54 31	11°41'24	20°34	15°26	6°26	3°17	17°41	23°10	16°38	3° 6	21°27	5°49	4°25	2°40	n.a.	F 23
S 24	18 58 27	12°39'47	3♍29	14°27	7°40	3°54	17°49	23°18	16°35	3° 8	21°28	5°43	4°22	2°46	n.a.	S 24
S 25	19 2 24	13°38'11	16° 4	13°27	8°54	4°32	17°58	23°25	16°33	3°10	21°29	5°39	4°19	2°53	n.a.	S 25
M26	19 6 20	14°36'37	28°20	12°29	10° 8	5° 9	18° 7	23°32	16°30	3°13	21°30	5°36	4°15	3° 0	n.a.	M26
T 27	19 10 17	15°35'04	10♎23	11°33	11°21	5°47	18°16	23°40	16°28	3°15	21°31	5°D34	4°12	3° 6	n.a.	T 27
W28	19 14 13	16°33'34	22°17	10°41	12°35	6°24	18°26	23°47	16°26	3°17	21°32	5°34	4° 9	3°13	n.a.	W28
T 29	19 18 10	17°32'05	4♏ 7	9°54	13°49	7° 1	18°35	23°54	16°23	3°19	21°33	5°35	4° 6	3°20	n.a.	T 29
F 30	19 22 6	18°30'39	15°58	9°13	15° 2	7°39	18°44	24° 2	16°21	3°21	21°34	5°37	4° 3	3°26	n.a.	F 30
S 31	19 26 3	19♋29'14	27♏55	8♋40	16♌16	8♊16	18♍54	24♋ 9	16♑18	3♋24	21♉35	5♐38	4♐ 0	3♏33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n34	13s26	3s25	21n15	1s31	25n 5	1n30	18n10	0n16	7n17	1n23	23n41	1n23	23s25	0s40	24n 5	0n10	16n33	1s54	21s48	21s40	14s34			n.a.
F 2	23 38	16 48	2 31	20 57	1 43	25 0	1 31	18 22	0 16	7 15	1 22	23 40	1 23	23 26	0 40	24 5	0 10	16 33	1 54	21 48	21 40	14 35			n.a.
S 3	23 42	19 30	1 30	20 40	1 54	24 54	1 31	18 33	0 17	7 12	1 22	23 39	1 23	23 26	0 40	24 5	0 10	16 34	1 54	21 49	21 39	14 37			n.a.
S 4	23 45	21 21	0 25	20 23	2 6	24 47	1 31	18 44	0 18	7 9	1 22	23 38	1 23	23 26	0 40	24 5	0 10	16 34	1 53	21 49	21 39	14 39			n.a.
M 5	23 48	22 15	0n42	20 7	2 18	24 39	1 32	18 55	0 18	7 7	1 21	23 37	1 23	23 26	0 40	24 5	0 10	16 34	1 53	21 49	21 38	14 41			n.a.
T 6	23 50	22 4	1 49	19 51	2 29	24 31	1 32	19 5	0 19	7 4	1 21	23 36	1 23	23 27	0 40	24 5	0 10	16 35	1 53	21 48	21 37	14 42			n.a.
W 7	23 52	20 46	2 51	19 36	2 41	24 22	1 32	19 16	0 20	7 1	1 21	23 35	1 23	23 27	0 40	24 5	0 10	16 35	1 53	21 48	21 37	14 44			n.a.
T 8	23 54	18 24	3 45	19 21	2 52	24 12	1 32	19 26	0 20	6 58	1 21	23 34	1 23	23 27	0 40	24 5	0 10	16 36	1 53	21 48	21 36	14 46			n.a.
F 9	23 55	15 4	4 29	19 8	3 3	24 2	1 32	19 36	0 21	6 55	1 20	23 32	1 23	23 28	0 40	24 5	0 11	16 36	1 53	21 47	21 36	14 47			n.a.
S 10	23 55	10 56	4 59	18 56	3 14	23 50	1 31	19 47	0 22	6 52	1 20	23 31	1 23	23 28	0 40	24 4	0 11	16 36	1 53	21 46	21 35	14 49			n.a.
S 11	23 56	6 12	5 13	18 44	3 25	23 38	1 31	19 57	0 22	6 49	1 20	23 30	1 23	23 28	0 40	24 4	0 11	16 37	1 53	21 46	21 34	14 51			n.a.
M12	23 55	1 5	5 10	18 35	3 35	23 26	1 31	20 6	0 23	6 46	1 19	23 29	1 24	23 29	0 40	24 4	0 11	16 37	1 53	21 46	21 34	14 52			n.a.
T 13	23 55	4n10	4 49	18 27	3 44	23 12	1 31	20 16	0 24	6 43	1 19	23 28	1 24	23 29	0 40	24 4	0 11	16 37	1 53	21 46	21 33	14 54			n.a.
W14	23 53	9 16	4 10	18 20	3 52	22 58	1 30	20 26	0 24	6 40	1 19	23 27	1 24	23 29	0 40	24 4	0 11	16 38	1 53	21 46	21 33	14 56			n.a.
T 15	23 52	13 56	3 15	18 16	4 0	22 44	1 30	20 35	0 25	6 36	1 19	23 26	1 24	23 30	0 40	24 4	0 11	16 38	1 53	21 46	21 32	14 58			n.a.
F 16	23 50	17 50	2 8	18 13	4 7	22 28	1 29	20 44	0 26	6 33	1 18	23 24	1 24	23 30	0 40	24 4	0 11	16 38	1 53	21 46	21 32	14 59			n.a.
S 17	23 48	20 39	0 52	18 12	4 12	22 12	1 28	20 53	0 26	6 30	1 18	23 23	1 24	23 30	0 40	24 4	0 11	16 39	1 53	21 46	21 31	15 1			n.a.
S 18	23 45	22 7	0s27	18 14	4 16	21 55	1 28	21 2	0 27	6 26	1 18	23 22	1 24	23 30	0 40	24 4	0 11	16 39	1 53	21 46	21 30	15 3			n.a.
M19	23 41	22 7	1 44	18 17	4 19	21 38	1 27	21 11	0 28	6 23	1 18	23 21	1 24	23 31	0 40	24 4	0 11	16 39	1 53	21 46	21 30	15 4			n.a.
T 20	23 38	20 41	2 53	18 23	4 20	21 20	1 26	21 19	0 28	6 19	1 17	23 20	1 24	23 31	0 40	24 4	0 11	16 40	1 53	21 46	21 29	15 6			n.a.
W21	23 34	18 1	3 51	18 30	4 19	21 2	1 25	21 28	0 29	6 15	1 17	23 18	1 24	23 31	0 40	24 4	0 11	16 40	1 53	21 45	21 29	15 8			n.a.
T 22	23 29	14 25	4 34	18 40	4 16	20 42	1 24	21 36	0 30	6 12	1 17	23 17	1 24	23 32	0 40	24 4	0 11	16 40	1 53	21 44	21 28	15 9			n.a.
F 23	23 24	10 11	5 0	18 51	4 11	20 23	1 23	21 44	0 30	6 8	1 17	23 16	1 24	23 32	0 40	24 4	0 11	16 41	1 53	21 43	21 27	15 11			n.a.
S 24	23 18	5 37	5 11	19 5	4 4	20 2	1 22	21 52	0 31	6 4	1 16	23 15	1 24	23 32	0 40	24 4	0 11	16 41	1 53	21 42	21 27	15 13			n.a.
S 25	23 13	0 55	5 6	19 20	3 55	19 42	1 21	22 0	0 32	6 1	1 16	23 14	1 24	23 33	0 40	24 4	0 11	16 41	1 53	21 41	21 26	15 14			n.a.
M26	23 6	3s42	4 47	19 36	3 45	19 20	1 19	22 8	0 33	5 57	1 16	23 12	1 24	23 33	0 40	24 4	0 11	16 42	1 53	21 40	21 26	15 16			n.a.
T 27	23 0	8 6	4 16	19 53	3 32	18 58	1 18	22 15	0 33	5 53	1 16	23 11	1 24	23 33	0 40	24 4	0 11	16 42	1 53	21 40	21 25	15 17			n.a.
W28	22 52	12 8	3 34	20 12	3 18	18 36	1 17	22 22	0 34	5 49	1 15	23 10	1 24	23 34	0 40	24 4	0 11	16 42	1 53	21 40	21 24	15 19			n.a.
T 29	22 45	15 42	2 43	20 31	3 3	18 13	1 15	22 30	0 35	5 45	1 15	23 9	1 24	23 34	0 40	24 4	0 11	16 42	1 53	21 40	21 24	15 21			n.a.
F 30	22 37	18 37	1 45	20 50	2 46	17 49	1 13	22 37	0 35	5 41	1 15	23 7	1 24	23 34	0 40	24 4	0 11	16 43	1 53	21 41	21 23	15 22			n.a.
S 31	22n29	20s47	0s42	21n10	2s28	17n25	1n12	22n43	0n36	5n37	1n15	23n 6	1n24	23s34	0s40	24n 4	0n11	16n43	1s53	21s41	21s23	15s24			n.a.

Julian Day Number = 980877.5, Delta T = 13h14m00s
Ecliptic obliquity = 23°55'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'28, Lahiri = -31°54'28 Julian Calendar 1 July 2028 BCE == Greg. Calendar 14 June 2028 BCE

The year -2027 astronomical counting style corresponds to year 2028 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

AUGUST 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 29 59	20♋27'51	10♐ 2	8°R15	17♌29	8♊53	19♍ 4	24♋16	16°R16	3♋26	21♉36	5°R38	3♐56	3♏40	n.a.	S 1
M 2	19 33 56	21°26'30	22°23	7♋58	18°43	9°30	19°13	24°24	16♑14	3°28	21°37	5♐37	3°53	3°46	n.a.	M 2
T 3	19 37 53	22°25'11	5♑ 1	7°D51	19°57	10° 7	19°23	24°31	16°11	3°30	21°38	5°33	3°50	3°53	n.a.	T 3
W 4	19 41 49	23°23'54	17°56	7°54	21°10	10°44	19°33	24°38	16° 9	3°32	21°39	5°28	3°47	4° 0	n.a.	W 4
T 5	19 45 46	24°22'40	1♒ 9	8° 6	22°24	11°21	19°43	24°46	16° 6	3°34	21°39	5°20	3°44	4° 6	n.a.	T 5
F 6	19 49 42	25°21'27	14°38	8°27	23°37	11°58	19°54	24°53	16° 4	3°36	21°40	5°12	3°40	4°13	n.a.	F 6
S 7	19 53 39	26°20'17	28°21	8°58	24°51	12°35	20° 4	25° 0	16° 2	3°38	21°41	5° 3	3°37	4°20	n.a.	S 7
S 8	19 57 35	27°19'09	12♓15	9°38	26° 4	13°12	20°14	25° 8	15°59	3°40	21°42	4°56	3°34	4°26	n.a.	S 8
M 9	20 1 32	28°18'03	26°16	10°26	27°18	13°49	20°25	25°15	15°57	3°43	21°43	4°50	3°31	4°33	n.a.	M 9
T 10	20 5 28	29°17'00	10♈21	11°23	28°31	14°25	20°35	25°22	15°55	3°45	21°43	4°46	3°28	4°40	n.a.	T 10
W11	20 9 25	0♎15'59	24°29	12°26	29°45	15° 2	20°46	25°30	15°52	3°47	21°44	4°D44	3°25	4°46	n.a.	W11
T 12	20 13 21	1°15'01	8♉37	13°37	0♍58	15°39	20°56	25°37	15°50	3°49	21°45	4°44	3°21	4°53	n.a.	T 12
F 13	20 17 18	2°14'06	22°44	14°53	2°12	16°15	21° 7	25°44	15°48	3°51	21°45	4°45	3°18	5° 0	n.a.	F 13
S 14	20 21 15	3°13'13	6♊49	16°15	3°25	16°52	21°18	25°52	15°46	3°53	21°46	4°R46	3°15	5° 6	n.a.	S 14
S 15	20 25 11	4°12'23	20°51	17°42	4°38	17°29	21°29	25°59	15°43	3°55	21°47	4°45	3°12	5°13	n.a.	S 15
M16	20 29 8	5°11'35	4♋47	19°12	5°52	18° 5	21°40	26° 6	15°41	3°57	21°47	4°41	3° 9	5°20	n.a.	M16
T 17	20 33 4	6°10'49	18°35	20°47	7° 5	18°42	21°51	26°14	15°39	3°59	21°48	4°35	3° 6	5°26	n.a.	T 17
W18	20 37 1	7°10'06	2♌12	22°24	8°19	19°18	22° 3	26°21	15°37	4° 1	21°48	4°26	3° 2	5°33	n.a.	W18
T 19	20 40 57	8° 9'25	15°34	24° 3	9°32	19°54	22°14	26°28	15°35	4° 3	21°49	4°16	2°59	5°40	n.a.	T 19
F 20	20 44 54	9° 8'46	28°40	25°45	10°45	20°31	22°25	26°36	15°32	4° 4	21°49	4° 4	2°56	5°46	n.a.	F 20
S 21	20 48 50	10° 8'09	11♍29	27°28	11°58	21° 7	22°37	26°43	15°30	4° 6	21°50	3°53	2°53	5°53	n.a.	S 21
S 22	20 52 47	11° 7'34	23°59	29°12	13°12	21°43	22°48	26°50	15°28	4° 8	21°50	3°43	2°50	6° 0	n.a.	S 22
M23	20 56 43	12° 7'01	6♎14	0♌57	14°25	22°19	23° 0	26°57	15°26	4°10	21°51	3°35	2°46	6° 6	n.a.	M23
T 24	21 0 40	13° 6'31	18°16	2°42	15°38	22°55	23°11	27° 4	15°24	4°12	21°51	3°30	2°43	6°13	n.a.	T 24
W25	21 4 37	14° 6'02	0♏ 8	4°28	16°51	23°31	23°23	27°12	15°22	4°14	21°51	3°27	2°40	6°20	n.a.	W25
T 26	21 8 33	15° 5'35	11°57	6°14	18° 4	24° 7	23°35	27°19	15°20	4°15	21°52	3°D26	2°37	6°26	n.a.	T 26
F 27	21 12 30	16° 5'11	23°47	8° 0	19°18	24°43	23°47	27°26	15°18	4°17	21°52	3°26	2°34	6°33	n.a.	F 27
S 28	21 16 26	17° 4'48	5♐44	9°46	20°31	25°19	23°59	27°33	15°16	4°19	21°52	3°R26	2°31	6°40	n.a.	S 28
S 29	21 20 23	18° 4'27	17°52	11°32	21°44	25°55	24°11	27°40	15°14	4°21	21°53	3°25	2°27	6°46	n.a.	S 29
M30	21 24 19	19° 4'08	0♑18	13°17	22°57	26°31	24°23	27°47	15°12	4°22	21°53	3°22	2°24	6°53	n.a.	M30
T 31	21 28 16	20♌ 3'51	13♑ 4	15♌ 2	24♍10	27♊ 6	24♍35	27♋54	15♑10	4♋24	21♉53	3♐17	2♐21	7♏ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	22n20	22s 1	0n24	21n30	2s10	17n 1	1n10	22n50	0n37	5n33	1n14	23n 5	1n24	23s35	0s40	24n 4	0n11	16n43	1s53	21s41	21s22	15s26			n.a.
M 2	22 11	22 13	1 29	21 49	1 52	16 36	1 8	22 57	0 37	5 29	1 14	23 4	1 24	23 35	0 40	24 4	0 11	16 43	1 53	21 41	21 21	15 27			n.a.
T 3	22 1	21 18	2 32	22 9	1 33	16 11	1 7	23 3	0 38	5 25	1 14	23 2	1 24	23 35	0 40	24 4	0 11	16 44	1 53	21 40	21 21	15 29			n.a.
W 4	21 51	19 16	3 28	22 27	1 14	15 45	1 5	23 9	0 39	5 21	1 14	23 1	1 25	23 36	0 40	24 4	0 11	16 44	1 53	21 39	21 20	15 30			n.a.
T 5	21 41	16 11	4 14	22 44	0 56	15 19	1 3	23 15	0 40	5 16	1 14	23 0	1 25	23 36	0 40	24 3	0 11	16 44	1 53	21 38	21 20	15 32			n.a.
F 6	21 30	12 12	4 47	23 1	0 38	14 52	1 1	23 21	0 40	5 12	1 13	22 58	1 25	23 36	0 40	24 3	0 11	16 44	1 53	21 36	21 19	15 34			n.a.
S 7	21 19	7 32	5 4	23 16	0 21	14 25	0 59	23 27	0 41	5 8	1 13	22 57	1 25	23 37	0 40	24 3	0 11	16 45	1 53	21 35	21 18	15 35			n.a.
S 8	21 7	2 26	5 4	23 29	0 5	13 58	0 57	23 32	0 42	5 4	1 13	22 56	1 25	23 37	0 40	24 3	0 11	16 45	1 53	21 33	21 18	15 37			n.a.
M 9	20 55	2n50	4 45	23 40	0n10	13 30	0 54	23 37	0 42	4 59	1 13	22 54	1 25	23 37	0 40	24 3	0 11	16 45	1 53	21 32	21 17	15 38			n.a.
T 10	20 43	8 0	4 10	23 50	0 24	13 2	0 52	23 43	0 43	4 55	1 13	22 53	1 25	23 37	0 40	24 3	0 11	16 45	1 53	21 31	21 16	15 40			n.a.
W11	20 30	12 45	3 19	23 57	0 38	12 34	0 50	23 48	0 44	4 50	1 12	22 52	1 25	23 38	0 40	24 3	0 11	16 45	1 53	21 31	21 16	15 42			n.a.
T 12	20 17	16 48	2 15	24 2	0 50	12 5	0 47	23 52	0 45	4 46	1 12	22 51	1 25	23 38	0 40	24 3	0 11	16 46	1 52	21 31	21 15	15 43			n.a.
F 13	20 4	19 52	1 4	24 5	1 1	11 36	0 45	23 57	0 45	4 41	1 12	22 49	1 25	23 38	0 40	24 3	0 11	16 46	1 52	21 31	21 15	15 45			n.a.
S 14	19 50	21 42	0s11	24 5	1 10	11 7	0 43	24 2	0 46	4 37	1 12	22 48	1 25	23 38	0 40	24 3	0 11	16 46	1 52	21 31	21 14	15 46			n.a.
S 15	19 36	22 11	1 25	24 2	1 19	10 37	0 40	24 6	0 47	4 32	1 12	22 47	1 25	23 39	0 40	24 3	0 11	16 46	1 52	21 31	21 13	15 48			n.a.
M16	19 21	21 17	2 33	23 57	1 27	10 7	0 37	24 10	0 47	4 27	1 11	22 45	1 25	23 39	0 40	24 3	0 11	16 46	1 52	21 30	21 13	15 49			n.a.
T 17	19 6	19 7	3 32	23 49	1 33	9 37	0 35	24 14	0 48	4 23	1 11	22 44	1 26	23 39	0 40	24 3	0 11	16 47	1 52	21 29	21 12	15 51			n.a.
W18	18 51	15 54	4 17	23 39	1 39	9 7	0 32	24 18	0 49	4 18	1 11	22 43	1 26	23 39	0 40	24 3	0 11	16 47	1 52	21 28	21 11	15 53			n.a.
T 19	18 36	11 55	4 47	23 26	1 44	8 36	0 29	24 21	0 50	4 13	1 11	22 41	1 26	23 40	0 40	24 3	0 11	16 47	1 52	21 26	21 11	15 54			n.a.
F 20	18 20	7 28	5 2	23 11	1 47	8 6	0 27	24 25	0 50	4 9	1 11	22 40	1 26	23 40	0 40	24 3	0 11	16 47	1 52	21 23	21 10	15 56			n.a.
S 21	18 4	2 47	5 0	22 53	1 50	7 35	0 24	24 28	0 51	4 4	1 10	22 39	1 26	23 40	0 40	24 3	0 11	16 47	1 52	21 21	21 10	15 57			n.a.
S 22	17 47	1s54	4 45	22 34	1 52	7 3	0 21	24 31	0 52	3 59	1 10	22 37	1 26	23 40	0 40	24 3	0 11	16 47	1 52	21 19	21 9	15 59			n.a.
M23	17 30	6 25	4 16	22 12	1 53	6 32	0 18	24 34	0 53	3 54	1 10	22 36	1 26	23 41	0 40	24 3	0 11	16 47	1 52	21 18	21 8	16 0			n.a.
T 24	17 13	10 37	3 36	21 48	1 54	6 1	0 15	24 37	0 53	3 49	1 10	22 35	1 26	23 41	0 40	24 3	0 11	16 48	1 52	21 17	21 8	16 2			n.a.
W25	16 56	14 21	2 47	21 22	1 54	5 29	0 12	24 40	0 54	3 44	1 10	22 33	1 26	23 41	0 40	24 3	0 11	16 48	1 52	21 16	21 7	16 3			n.a.
T 26	16 38	17 30	1 52	20 55	1 53	4 57	0 9	24 42	0 55	3 40	1 10	22 32	1 26	23 41	0 40	24 3	0 11	16 48	1 52	21 16	21 6	16 5			n.a.
F 27	16 20	19 55	0 51	20 26	1 52	4 25	0 6	24 45	0 56	3 35	1 9	22 31	1 27	23 42	0 40	24 3	0 11	16 48	1 52	21 16	21 6	16 6			n.a.
S 28	16 2	21 30	0n12	19 55	1 50	3 53	0 3	24 47	0 56	3 30	1 9	22 29	1 27	23 42	0 40	24 2	0 11	16 48	1 52	21 16	21 5	16 8			n.a.
S 29	15 43	22 6	1 16	19 23	1 47	3 21	0 0	24 49	0 57	3 25	1 9	22 28	1 27	23 42	0 40	24 2	0 11	16 48	1 52	21 16	21 4	16 9			n.a.
M30	15 24	21 38	2 17	18 50	1 45	2 49	0s 3	24 51	0 58	3 20	1 9	22 27	1 27	23 42	0 40	24 2	0 11	16 48	1 52	21 15	21 4	16 11			n.a.
T 31	15n 5	20s 3	3n14	18n16	1n41	2n16	0s 6	24n52	0n59	3n15	1n 9	22n25	1n27	23s42	0s40	24n 2	0n11	16n48	1s52	21s14	21s 3	16s12			n.a.

Julian Day Number = 980908.5, Delta T = 13h13m57s
Ecliptic obliquity = 23°55'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'24, Lahiri = -31°54'24 Julian Calendar 1 Aug. 2028 BCE == Greg. Calendar 15 July 2028 BCE

The year -2027 astronomical counting style corresponds to year 2028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

SEPTEMBER 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 32 12	21♌ 3'36	26♉13	16♌46	25♍23	27♊42	24♍47	28♋ 1	15°R 9	4♋26	21♉53	3°R 9	2♐18	7♏ 6	n.a.	W 1
T 2	21 36 9	22° 3'23	9♒45	18°30	26°36	28°18	24°59	28° 8	15♉ 7	4°27	21°54	2♐58	2°15	7°13	n.a.	T 2
F 3	21 40 5	23° 3'13	23°38	20°13	27°49	28°53	25°12	28°15	15° 5	4°29	21°54	2°46	2°12	7°19	n.a.	F 3
S 4	21 44 2	24° 3'04	7♓48	21°56	29° 1	29°28	25°24	28°22	15° 3	4°31	21°54	2°34	2° 8	7°26	n.a.	S 4
S 5	21 47 59	25° 2'57	22°10	23°38	0♎14	0♋ 4	25°37	28°29	15° 2	4°32	21°54	2°23	2° 5	7°33	n.a.	S 5
M 6	21 51 55	26° 2'53	6♈37	25°20	1°27	0°39	25°49	28°36	15° 0	4°34	21°54	2°14	2° 2	7°39	n.a.	M 6
T 7	21 55 52	27° 2'51	21° 3	27° 1	2°40	1°15	26° 2	28°42	14°59	4°35	21°54	2° 8	1°59	7°46	n.a.	T 7
W 8	21 59 48	28° 2'51	5♉23	28°41	3°53	1°50	26°14	28°49	14°57	4°37	21°54	2° 4	1°56	7°53	n.a.	W 8
T 9	22 3 45	29° 2'54	19°35	0♍21	5° 5	2°25	26°27	28°56	14°55	4°38	21°R54	2° 3	1°52	7°59	n.a.	T 9
F 10	22 7 41	0♍ 2'59	3♊38	2° 0	6°18	3° 0	26°39	29° 2	14°54	4°40	21°54	2° 3	1°49	8° 6	n.a.	F 10
S 11	22 11 38	1° 3'07	17°31	3°39	7°31	3°35	26°52	29° 9	14°52	4°41	21°54	2° 2	1°46	8°13	n.a.	S 11
S 12	22 15 34	2° 3'17	1♋13	5°17	8°43	4°10	27° 5	29°16	14°51	4°43	21°54	2° 1	1°43	8°19	n.a.	S 12
M13	22 19 31	3° 3'30	14°47	6°55	9°56	4°45	27°18	29°22	14°50	4°44	21°54	1°56	1°40	8°26	n.a.	M13
T 14	22 23 27	4° 3'44	28°10	8°32	11° 8	5°20	27°31	29°29	14°48	4°45	21°54	1°48	1°37	8°33	n.a.	T 14
W15	22 27 24	5° 4'01	11♌23	10° 8	12°21	5°55	27°44	29°35	14°47	4°47	21°54	1°38	1°33	8°39	n.a.	W15
T 16	22 31 21	6° 4'19	24°24	11°44	13°33	6°29	27°56	29°42	14°46	4°48	21°54	1°25	1°30	8°46	n.a.	T 16
F 17	22 35 17	7° 4'40	7♍12	13°20	14°46	7° 4	28° 9	29°48	14°45	4°49	21°54	1°11	1°27	8°53	n.a.	F 17
S 18	22 39 14	8° 5'03	19°47	14°55	15°58	7°39	28°22	29°54	14°43	4°50	21°53	0°57	1°24	8°59	n.a.	S 18
S 19	22 43 10	9° 5'27	2♎ 8	16°30	17°11	8°13	28°36	0♌ 1	14°42	4°52	21°53	0°45	1°21	9° 6	n.a.	S 19
M20	22 47 7	10° 5'53	14°17	18° 4	18°23	8°48	28°49	0° 7	14°41	4°53	21°53	0°34	1°17	9°13	n.a.	M20
T 21	22 51 3	11° 6'21	26°15	19°38	19°35	9°22	29° 2	0°13	14°40	4°54	21°53	0°27	1°14	9°19	n.a.	T 21
W22	22 55 0	12° 6'51	8♏ 6	21°11	20°47	9°56	29°15	0°19	14°39	4°55	21°52	0°23	1°11	9°26	n.a.	W22
T 23	22 58 56	13° 7'22	19°52	22°44	21°59	10°30	29°28	0°25	14°38	4°56	21°52	0°20	1° 8	9°33	n.a.	T 23
F 24	23 2 53	14° 7'55	1♐40	24°17	23°12	11° 5	29°41	0°31	14°37	4°57	21°52	0°D20	1° 5	9°39	n.a.	F 24
S 25	23 6 49	15° 8'29	13°34	25°49	24°24	11°39	29°55	0°37	14°37	4°58	21°51	0°R20	1° 2	9°46	n.a.	S 25
S 26	23 10 46	16° 9'05	25°41	27°21	25°36	12°13	0♎ 8	0°43	14°36	4°59	21°51	0°20	0°58	9°53	n.a.	S 26
M27	23 14 43	17° 9'42	8♑ 5	28°53	26°48	12°46	0°21	0°49	14°35	5° 0	21°50	0°18	0°55	9°59	n.a.	M27
T 28	23 18 39	18°10'21	20°51	0♎24	27°59	13°20	0°34	0°55	14°34	5° 1	21°50	0°14	0°52	10° 6	n.a.	T 28
W29	23 22 36	19°11'01	4♒ 3	1°55	29°11	13°54	0°48	1° 1	14°34	5° 2	21°49	0° 7	0°49	10°13	n.a.	W29
T 30	23 26 32	20♍11'43	17♒43	3♎26	0♏23	14♋28	1♎ 1	1♌ 6	14♑33	5♋ 3	21♉49	29♏58	0♐46	10♏19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n46	17s23	4n 1	17n41	1n38	1n44	0s 9	24n54	1n 0	3n 9	1n 9	22n24	1n27	23s43	0s40	24n 2	0n11	16n48	1s52	21s13	21s 3	16s14		n.a.
T 2	14 26	13 44	4 37	17 4	1 34	1 12	0 12	24 55	1 0	3 4	1 8	22 23	1 27	23 43	0 40	24 2	0 11	16 48	1 52	21 11	21 2	16 15		n.a.
F 3	14 7	9 15	4 57	16 27	1 30	0 39	0 16	24 56	1 1	2 59	1 8	22 21	1 27	23 43	0 40	24 2	0 11	16 48	1 52	21 8	21 1	16 17		n.a.
S 4	13 46	4 12	4 59	15 49	1 25	0 7	0 19	24 57	1 2	2 54	1 8	22 20	1 28	23 43	0 40	24 2	0 11	16 48	1 52	21 6	21 1	16 18		n.a.
S 5	13 26	1n 9	4 43	15 10	1 20	0s26	0 22	24 58	1 3	2 49	1 8	22 19	1 28	23 43	0 40	24 2	0 11	16 49	1 52	21 4	21 0	16 20		n.a.
M 6	13 5	6 28	4 9	14 31	1 15	0 58	0 25	24 59	1 4	2 44	1 8	22 17	1 28	23 44	0 40	24 2	0 11	16 49	1 52	21 2	20 59	16 21		n.a.
T 7	12 45	11 26	3 19	13 51	1 10	1 31	0 28	25 0	1 4	2 39	1 8	22 16	1 28	23 44	0 40	24 2	0 11	16 49	1 52	21 1	20 59	16 23		n.a.
W 8	12 24	15 43	2 16	13 10	1 4	2 3	0 32	25 0	1 5	2 33	1 8	22 15	1 28	23 44	0 40	24 2	0 11	16 49	1 52	21 0	20 58	16 24		n.a.
T 9	12 2	19 2	1 5	12 29	0 59	2 36	0 35	25 0	1 6	2 28	1 7	22 14	1 28	23 44	0 40	24 2	0 11	16 49	1 52	21 0	20 57	16 26		n.a.
F 10	11 41	21 10	0s 8	11 48	0 53	3 8	0 38	25 0	1 7	2 23	1 7	22 12	1 28	23 44	0 40	24 2	0 11	16 49	1 52	21 0	20 57	16 27		n.a.
S 11	11 19	21 59	1 21	11 6	0 47	3 40	0 42	25 0	1 8	2 18	1 7	22 11	1 28	23 44	0 40	24 2	0 11	16 49	1 52	20 59	20 56	16 28		n.a.
S 12	10 57	21 28	2 28	10 24	0 41	4 13	0 45	25 0	1 8	2 12	1 7	22 10	1 29	23 44	0 40	24 2	0 12	16 49	1 52	20 59	20 55	16 30		n.a.
M13	10 35	19 41	3 25	9 41	0 35	4 45	0 48	24 59	1 9	2 7	1 7	22 9	1 29	23 45	0 40	24 2	0 12	16 49	1 52	20 58	20 55	16 31		n.a.
T 14	10 13	16 51	4 11	8 59	0 28	5 17	0 51	24 59	1 10	2 2	1 7	22 7	1 29	23 45	0 40	24 2	0 12	16 49	1 52	20 57	20 54	16 33		n.a.
W15	9 51	13 12	4 42	8 16	0 22	5 49	0 55	24 58	1 11	1 56	1 7	22 6	1 29	23 45	0 40	24 2	0 12	16 49	1 52	20 54	20 53	16 34		n.a.
T 16	9 28	8 59	4 58	7 32	0 16	6 21	0 58	24 57	1 12	1 51	1 7	22 5	1 29	23 45	0 40	24 2	0 12	16 49	1 52	20 52	20 53	16 36		n.a.
F 17	9 5	4 26	4 58	6 49	0 9	6 52	1 1	24 56	1 13	1 46	1 6	22 4	1 29	23 45	0 40	24 2	0 12	16 49	1 52	20 49	20 52	16 37		n.a.
S 18	8 42	0s13	4 44	6 6	0 3	7 24	1 5	24 55	1 13	1 40	1 6	22 2	1 30	23 45	0 40	24 2	0 12	16 49	1 52	20 46	20 52	16 38		n.a.
S 19	8 19	4 47	4 17	5 23	0s 4	7 55	1 8	24 54	1 14	1 35	1 6	22 1	1 30	23 45	0 40	24 2	0 12	16 48	1 52	20 43	20 51	16 40		n.a.
M20	7 56	9 5	3 38	4 39	0 10	8 26	1 11	24 53	1 15	1 29	1 6	22 0	1 30	23 45	0 40	24 2	0 12	16 48	1 52	20 41	20 50	16 41		n.a.
T 21	7 33	12 58	2 50	3 56	0 17	8 57	1 14	24 51	1 16	1 24	1 6	21 59	1 30	23 45	0 40	24 2	0 12	16 48	1 52	20 40	20 50	16 43		n.a.
W22	7 9	16 18	1 55	3 12	0 24	9 28	1 17	24 49	1 17	1 19	1 6	21 58	1 30	23 46	0 40	24 2	0 12	16 48	1 52	20 39	20 49	16 44		n.a.
T 23	6 46	18 57	0 55	2 29	0 30	9 59	1 21	24 47	1 18	1 13	1 6	21 56	1 30	23 46	0 40	24 2	0 12	16 48	1 52	20 38	20 48	16 45		n.a.
F 24	6 22	20 48	0n 7	1 45	0 37	10 29	1 24	24 45	1 19	1 8	1 6	21 55	1 31	23 46	0 40	24 2	0 12	16 48	1 52	20 38	20 48	16 47		n.a.
S 25	5 58	21 44	1 10	1 2	0 43	10 59	1 27	24 43	1 19	1 2	1 6	21 54	1 31	23 46	0 40	24 2	0 12	16 48	1 52	20 38	20 47	16 48		n.a.
S 26	5 34	21 41	2 10	0 19	0 50	11 29	1 30	24 41	1 20	0 57	1 6	21 53	1 31	23 46	0 40	24 2	0 12	16 48	1 52	20 38	20 46	16 50		n.a.
M27	5 10	20 34	3 6	0s24	0 56	11 58	1 33	24 39	1 21	0 51	1 5	21 52	1 31	23 46	0 40	24 2	0 12	16 48	1 52	20 38	20 46	16 51		n.a.
T 28	4 46	18 24	3 55	1 7	1 2	12 28	1 36	24 36	1 22	0 46	1 5	21 51	1 31	23 46	0 40	24 2	0 12	16 48	1 52	20 37	20 45	16 52		n.a.
W29	4 22	15 13	4 32	1 49	1 8	12 57	1 39	24 34	1 23	0 40	1 5	21 49	1 31	23 46	0 40	24 2	0 12	16 48	1 52	20 35	20 44	16 54		n.a.
T 30	3n58	11s 9	4n56	2s31	1s14	13s25	1s42	24n31	1n24	0n35	1n 5	21n48	1n32	23s46	0s39	24n 2	0n12	16n48	1s52	20s33	20s44	16s55		n.a.

Julian Day Number = 980939.5, Delta T = 13h13m55s
Ecliptic obliquity = 23°55'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'20, Lahiri = -31°54'19 Julian Calendar 1 Sept. 2028 BCE == Greg. Calendar 15 Aug. 2028 BCE

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

OCTOBER 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 30 29	21♍12'25	1♓50	4♎56	1♏35	15♋ 1	1♎14	1♌12	14°R33	5♋ 4	21°R48	29°R47	0♐43	10♏26	n.a.	F 1
S 2	23 34 25	22°13'10	16°19	6°26	2°46	15°35	1°28	1°17	14♉32	5° 4	21♉48	29♏36	0°39	10°33	n.a.	S 2
S 3	23 38 22	23°13'55	1♈ 4	7°55	3°58	16° 8	1°41	1°23	14°32	5° 5	21°47	29°26	0°36	10°39	n.a.	S 3
M 4	23 42 18	24°14'43	15°57	9°24	5° 9	16°41	1°55	1°28	14°31	5° 6	21°47	29°17	0°33	10°46	n.a.	M 4
T 5	23 46 15	25°15'32	0♉49	10°53	6°21	17°14	2° 8	1°33	14°31	5° 6	21°46	29°12	0°30	10°52	n.a.	T 5
W 6	23 50 12	26°16'23	15°33	12°21	7°32	17°47	2°22	1°39	14°31	5° 7	21°46	29° 9	0°27	10°59	n.a.	W 6
T 7	23 54 8	27°17'15	0♊ 2	13°48	8°44	18°20	2°35	1°44	14°30	5° 8	21°45	29°D 8	0°23	11° 6	n.a.	T 7
F 8	23 58 5	28°18'09	14°14	15°16	9°55	18°53	2°49	1°49	14°30	5° 8	21°44	29° 8	0°20	11°12	n.a.	F 8
S 9	0 2 1	29°19'05	28° 9	16°42	11° 6	19°26	3° 2	1°54	14°30	5° 9	21°44	29°R 9	0°17	11°19	n.a.	S 9
S 10	0 5 58	0♎20'03	11♋45	18° 8	12°17	19°59	3°16	1°59	14°30	5° 9	21°43	29° 8	0°14	11°26	n.a.	S 10
M11	0 9 54	1°21'02	25° 6	19°33	13°28	20°31	3°29	2° 4	14°D30	5°10	21°42	29° 6	0°11	11°32	n.a.	M11
T 12	0 13 51	2°22'03	8♌11	20°57	14°39	21° 4	3°43	2° 9	14°30	5°10	21°41	29° 1	0° 8	11°39	n.a.	T 12
W13	0 17 47	3°23'05	21° 4	22°20	15°50	21°36	3°56	2°14	14°30	5°11	21°41	28°53	0° 4	11°46	n.a.	W13
T 14	0 21 44	4°24'08	3♍45	23°42	17° 1	22° 9	4°10	2°18	14°30	5°11	21°40	28°43	0° 1	11°52	n.a.	T 14
F 15	0 25 41	5°25'13	16°14	25° 3	18°11	22°41	4°23	2°23	14°30	5°12	21°39	28°33	29♏58	11°59	n.a.	F 15
S 16	0 29 37	6°26'19	28°33	26°22	19°22	23°13	4°37	2°27	14°30	5°12	21°38	28°22	29°55	12° 6	n.a.	S 16
S 17	0 33 34	7°27'26	10♎42	27°40	20°32	23°45	4°50	2°32	14°31	5°12	21°37	28°13	29°52	12°12	n.a.	S 17
M18	0 37 30	8°28'34	22°42	28°56	21°43	24°17	5° 4	2°36	14°31	5°12	21°37	28° 5	29°48	12°19	n.a.	M18
T 19	0 41 27	9°29'43	4♏35	0♏ 9	22°53	24°48	5°17	2°40	14°31	5°13	21°36	28° 0	29°45	12°26	n.a.	T 19
W20	0 45 23	10°30'53	16°23	1°20	24° 3	25°20	5°31	2°45	14°32	5°13	21°35	27°57	29°42	12°32	n.a.	W20
T 21	0 49 20	11°32'04	28° 9	2°27	25°13	25°51	5°44	2°49	14°32	5°13	21°34	27°D56	29°39	12°39	n.a.	T 21
F 22	0 53 16	12°33'15	9♐56	3°32	26°23	26°23	5°58	2°53	14°33	5°13	21°33	27°56	29°36	12°46	n.a.	F 22
S 23	0 57 13	13°34'28	21°49	4°32	27°33	26°54	6°11	2°57	14°33	5°13	21°32	27°58	29°33	12°52	n.a.	S 23
S 24	1 1 10	14°35'40	3♑53	5°28	28°43	27°25	6°25	3° 0	14°34	5°13	21°31	27°59	29°29	12°59	n.a.	S 24
M25	1 5 6	15°36'54	16°13	6°18	29°53	27°56	6°38	3° 4	14°35	5°R13	21°30	28°R 0	29°26	13° 6	n.a.	M25
T 26	1 9 3	16°38'08	28°54	7° 3	1♐ 2	28°27	6°52	3° 8	14°35	5°13	21°29	27°59	29°23	13°12	n.a.	T 26
W27	1 12 59	17°39'22	12♒ 1	7°40	2°12	28°57	7° 5	3°11	14°36	5°13	21°28	27°56	29°20	13°19	n.a.	W27
T 28	1 16 56	18°40'36	25°36	8°11	3°21	29°28	7°19	3°15	14°37	5°13	21°27	27°52	29°17	13°26	n.a.	T 28
F 29	1 20 52	19°41'51	9♓40	8°32	4°30	29°58	7°32	3°18	14°38	5°13	21°26	27°47	29°14	13°32	n.a.	F 29
S 30	1 24 49	20°43'06	24°11	8°45	5°39	0♌28	7°45	3°22	14°39	5°13	21°25	27°41	29°10	13°39	n.a.	S 30
S 31	1 28 45	21♎44'22	9♈ 5	8°R47	6♐48	0♌58	7♎59	3♌25	14♉40	5♋13	21♉24	27♏35	29♏ 7	13♏45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n33	6s20	5n 3	3s13	1s20	13s54	1s45	24n28	1n25	0n29	1n 5	21n47	1n32	23s46	0s39	24n 1	0n12	16n47	1s52	20s31	20s43	16s57		n.a.
S 2	3 9	1 4	4 50	3 55	1 26	14 22	1 48	24 25	1 26	0 24	1 5	21 46	1 32	23 46	0 39	24 1	0 12	16 47	1 52	20 28	20 42	16 58		n.a.
S 3	2 44	4n22	4 18	4 36	1 32	14 49	1 50	24 22	1 27	0 18	1 5	21 45	1 32	23 46	0 39	24 1	0 12	16 47	1 52	20 26	20 41	16 59		n.a.
M 4	2 20	9 36	3 29	5 17	1 38	15 17	1 53	24 18	1 28	0 13	1 5	21 44	1 32	23 46	0 39	24 1	0 12	16 47	1 52	20 24	20 41	17 1		n.a.
T 5	1 55	14 15	2 25	5 58	1 43	15 43	1 56	24 15	1 29	0 7	1 5	21 43	1 32	23 46	0 39	24 1	0 12	16 47	1 52	20 23	20 40	17 2		n.a.
W 6	1 31	17 58	1 12	6 38	1 48	16 10	1 58	24 12	1 29	0 2	1 5	21 42	1 33	23 46	0 39	24 1	0 12	16 47	1 52	20 22	20 39	17 3		n.a.
T 7	1 6	20 29	0s 5	7 17	1 53	16 36	2 1	24 8	1 30	0s 4	1 5	21 41	1 33	23 46	0 39	24 1	0 12	16 47	1 52	20 22	20 39	17 5		n.a.
F 8	0 41	21 39	1 20	7 56	1 58	17 2	2 4	24 4	1 31	0 9	1 5	21 40	1 33	23 46	0 39	24 1	0 12	16 47	1 52	20 22	20 38	17 6		n.a.
S 9	0 17	21 26	2 29	8 34	2 2	17 27	2 6	24 0	1 32	0 15	1 4	21 39	1 33	23 46	0 39	24 1	0 12	16 46	1 51	20 23	20 37	17 7		n.a.
S 10	0s 8	19 57	3 28	9 12	2 6	17 52	2 8	23 56	1 33	0 20	1 4	21 38	1 33	23 46	0 39	24 1	0 12	16 46	1 51	20 22	20 37	17 9		n.a.
M11	0 33	17 23	4 14	9 48	2 10	18 16	2 11	23 52	1 34	0 26	1 4	21 37	1 34	23 46	0 39	24 1	0 12	16 46	1 51	20 22	20 36	17 10		n.a.
T 12	0 58	13 59	4 46	10 24	2 14	18 40	2 13	23 48	1 35	0 31	1 4	21 36	1 34	23 46	0 39	24 1	0 12	16 46	1 51	20 21	20 35	17 11		n.a.
W13	1 22	9 59	5 3	10 59	2 17	19 4	2 15	23 44	1 36	0 37	1 4	21 35	1 34	23 46	0 39	24 1	0 12	16 46	1 51	20 19	20 35	17 13		n.a.
T 14	1 47	5 37	5 4	11 33	2 20	19 27	2 17	23 40	1 37	0 43	1 4	21 35	1 34	23 46	0 39	24 1	0 12	16 46	1 51	20 17	20 34	17 14		n.a.
F 15	2 12	1 5	4 51	12 5	2 22	19 49	2 19	23 35	1 38	0 48	1 4	21 34	1 35	23 46	0 39	24 1	0 12	16 45	1 51	20 14	20 33	17 15		n.a.
S 16	2 36	3s27	4 25	12 37	2 24	20 11	2 21	23 31	1 39	0 54	1 4	21 33	1 35	23 46	0 39	24 1	0 12	16 45	1 51	20 12	20 33	17 16		n.a.
S 17	3 1	7 47	3 47	13 7	2 25	20 33	2 23	23 26	1 40	0 59	1 4	21 32	1 35	23 46	0 39	24 1	0 12	16 45	1 51	20 10	20 32	17 18		n.a.
M18	3 26	11 45	2 58	13 35	2 26	20 54	2 25	23 21	1 41	1 5	1 4	21 31	1 35	23 46	0 39	24 1	0 12	16 45	1 51	20 8	20 31	17 19		n.a.
T 19	3 50	15 14	2 3	14 2	2 26	21 14	2 27	23 17	1 42	1 10	1 4	21 30	1 35	23 46	0 39	24 1	0 12	16 45	1 51	20 7	20 31	17 20		n.a.
W20	4 15	18 4	1 2	14 27	2 26	21 34	2 28	23 12	1 43	1 16	1 4	21 30	1 36	23 46	0 39	24 2	0 12	16 44	1 51	20 6	20 30	17 22		n.a.
T 21	4 39	20 8	0n 1	14 50	2 25	21 53	2 30	23 7	1 44	1 21	1 4	21 29	1 36	23 46	0 39	24 2	0 12	16 44	1 51	20 6	20 29	17 23		n.a.
F 22	5 3	21 20	1 5	15 10	2 23	22 11	2 31	23 2	1 45	1 27	1 4	21 28	1 36	23 45	0 39	24 2	0 12	16 44	1 51	20 6	20 28	17 24		n.a.
S 23	5 28	21 34	2 6	15 28	2 20	22 29	2 33	22 57	1 46	1 32	1 4	21 27	1 36	23 45	0 39	24 2	0 12	16 44	1 51	20 7	20 28	17 25		n.a.
S 24	5 52	20 49	3 3	15 44	2 16	22 47	2 34	22 51	1 48	1 38	1 4	21 27	1 36	23 45	0 39	24 2	0 12	16 43	1 51	20 7	20 27	17 27		n.a.
M25	6 16	19 4	3 52	15 56	2 11	23 4	2 35	22 46	1 49	1 43	1 4	21 26	1 37	23 45	0 39	24 2	0 12	16 43	1 51	20 7	20 26	17 28		n.a.
T 26	6 40	16 21	4 32	16 6	2 4	23 20	2 36	22 41	1 50	1 48	1 4	21 25	1 37	23 45	0 39	24 2	0 12	16 43	1 51	20 7	20 26	17 29		n.a.
W27	7 4	12 45	4 59	16 11	1 57	23 35	2 37	22 35	1 51	1 54	1 4	21 25	1 37	23 45	0 39	24 2	0 12	16 43	1 51	20 6	20 25	17 30		n.a.
T 28	7 28	8 23	5 11	16 13	1 48	23 50	2 38	22 30	1 52	1 59	1 4	21 24	1 37	23 45	0 39	24 2	0 12	16 43	1 51	20 5	20 24	17 32		n.a.
F 29	7 51	3 25	5 5	16 11	1 38	24 4	2 39	22 24	1 53	2 5	1 4	21 24	1 38	23 45	0 39	24 2	0 12	16 42	1 51	20 4	20 24	17 33		n.a.
S 30	8 15	1n54	4 39	16 4	1 26	24 18	2 40	22 19	1 54	2 10	1 3	21 23	1 38	23 45	0 39	24 2	0 12	16 42	1 51	20 3	20 23	17 34		n.a.
S 31	8s38	7n14	3n54	15s52	1s13	24s31	2s40	22n13	1n55	2s15	1n 3	21n22	1n38	23s44	0s39	24n 2	0n12	16n42	1s51	20s 1	20s22	17s35		n.a.

Julian Day Number = 980969.5, Delta T = 13h13m53s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'16, Lahiri = -31°54'15 Julian Calendar 1 Oct. 2028 BCE == Greg. Calendar 14 Sept. 2028 BCE

The year -2027 astronomical counting style corresponds to year 2028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

NOVEMBER 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 32 42	22♎45'38	24♈12	8°R38	7♐56	1♌28	8♎12	3♌28	14♑41	5°R12	21°R23	27°R30	29♏ 4	13♏52	n.a.	M 1
T 2	1 36 39	23°46'55	9♉24	8♏18	9° 5	1°58	8°25	3°31	14°42	5♋12	21♉22	27♏27	29° 1	13°59	n.a.	T 2
W 3	1 40 35	24°48'12	24°30	7°47	10°13	2°28	8°39	3°34	14°43	5°12	21°21	27°D26	28°58	14° 5	n.a.	W 3
T 4	1 44 32	25°49'30	9♊22	7° 4	11°21	2°57	8°52	3°37	14°44	5°11	21°19	27°27	28°54	14°12	n.a.	T 4
F 5	1 48 28	26°50'48	23°53	6° 9	12°29	3°26	9° 5	3°39	14°46	5°11	21°18	27°28	28°51	14°19	n.a.	F 5
S 6	1 52 25	27°52'07	8♋ 2	5° 6	13°37	3°56	9°18	3°42	14°47	5°11	21°17	27°30	28°48	14°25	n.a.	S 6
S 7	1 56 21	28°53'26	21°46	3°53	14°45	4°24	9°31	3°44	14°48	5°10	21°16	27°31	28°45	14°32	n.a.	S 7
M 8	2 0 18	29°54'46	5♌ 7	2°35	15°52	4°53	9°45	3°47	14°50	5°10	21°15	27°R31	28°42	14°39	n.a.	M 8
T 9	2 4 15	0♏56'07	18° 7	1°14	16°59	5°22	9°58	3°49	14°51	5° 9	21°14	27°30	28°39	14°45	n.a.	T 9
W10	2 8 11	1°57'28	0♍49	29♎52	18° 6	5°50	10°11	3°51	14°52	5° 9	21°12	27°27	28°35	14°52	n.a.	W10
T 11	2 12 8	2°58'49	13°16	28°32	19°13	6°18	10°24	3°53	14°54	5° 8	21°11	27°24	28°32	14°59	n.a.	T 11
F 12	2 16 4	4° 0'10	25°31	27°16	20°20	6°46	10°37	3°55	14°56	5° 8	21°10	27°20	28°29	15° 5	n.a.	F 12
S 13	2 20 1	5° 1'32	7♎36	26° 7	21°26	7°14	10°50	3°57	14°57	5° 7	21° 9	27°15	28°26	15°12	n.a.	S 13
S 14	2 23 57	6° 2'53	19°34	25° 7	22°32	7°42	11° 3	3°59	14°59	5° 6	21° 8	27°12	28°23	15°19	n.a.	S 14
M15	2 27 54	7° 4'15	1♏26	24°16	23°38	8° 9	11°16	4° 1	15° 0	5° 6	21° 6	27° 9	28°20	15°25	n.a.	M15
T 16	2 31 50	8° 5'37	13°15	23°36	24°44	8°37	11°28	4° 2	15° 2	5° 5	21° 5	27° 7	28°16	15°32	n.a.	T 16
W17	2 35 47	9° 6'58	25° 2	23° 5	25°49	9° 4	11°41	4° 4	15° 4	5° 4	21° 4	27°D 7	28°13	15°38	n.a.	W17
T 18	2 39 44	10° 8'20	6♐50	22°45	26°54	9°30	11°54	4° 5	15° 6	5° 3	21° 3	27° 7	28°10	15°45	n.a.	T 18
F 19	2 43 40	11° 9'40	18°41	22°35	27°59	9°57	12° 7	4° 7	15° 8	5° 3	21° 1	27° 8	28° 7	15°52	n.a.	F 19
S 20	2 47 37	12°11'01	0♑38	22°D35	29° 4	10°23	12°19	4° 8	15°10	5° 2	21° 0	27° 9	28° 4	15°58	n.a.	S 20
S 21	2 51 33	13°12'21	12°44	22°43	0♑ 8	10°49	12°32	4° 9	15°12	5° 1	20°59	27°11	28° 0	16° 5	n.a.	S 21
M22	2 55 30	14°13'40	25° 5	22°59	1°12	11°15	12°45	4°10	15°14	5° 0	20°58	27°12	27°57	16°12	n.a.	M22
T 23	2 59 26	15°14'59	7♒42	23°23	2°16	11°41	12°57	4°11	15°16	4°59	20°56	27°12	27°54	16°18	n.a.	T 23
W24	3 3 23	16°16'17	20°42	23°53	3°19	12° 6	13° 9	4°11	15°18	4°58	20°55	27°R12	27°51	16°25	n.a.	W24
T 25	3 7 20	17°17'34	4♓ 6	24°29	4°22	12°31	13°22	4°12	15°20	4°57	20°54	27°12	27°48	16°32	n.a.	T 25
F 26	3 11 16	18°18'50	17°58	25°11	5°25	12°56	13°34	4°12	15°22	4°56	20°53	27°11	27°45	16°38	n.a.	F 26
S 27	3 15 13	19°20'06	2♈16	25°57	6°27	13°20	13°46	4°13	15°24	4°55	20°51	27°10	27°41	16°45	n.a.	S 27
S 28	3 19 9	20°21'20	16°59	26°48	7°29	13°45	13°59	4°13	15°27	4°54	20°50	27° 9	27°38	16°52	n.a.	S 28
M29	3 23 6	21°22'34	2♉ 1	27°43	8°30	14° 9	14°11	4°13	15°29	4°53	20°49	27° 9	27°35	16°58	n.a.	M29
T 30	3 27 2	22♏23'47	17♉14	28♎41	9♑32	14♌33	14♎23	4°R13	15♑31	4♋52	20♉48	27♏ 8	27♏32	17♏ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9s 2	12n13	2n52	15s35	0s58	24s43	2s41	22n 8	1n56	2s21	1n 3	21n22	1n38	23s44	0s39	24n 2	0n13	16n42	1s51	20s 0	20s21	17s37		n.a.
T 2	9 25	16 27	1 37	15 13	0 42	24 55	2 41	22 2	1 58	2 26	1 3	21 21	1 39	23 44	0 39	24 2	0 13	16 41	1 51	19 59	20 21	17 38		n.a.
W 3	9 48	19 32	0 16	14 46	0 25	25 5	2 41	21 56	1 59	2 32	1 3	21 21	1 39	23 44	0 39	24 2	0 13	16 41	1 51	19 59	20 20	17 39		n.a.
T 4	10 11	21 14	1s 5	14 14	0 6	25 15	2 41	21 50	2 0	2 37	1 3	21 21	1 39	23 44	0 39	24 2	0 13	16 41	1 51	19 59	20 19	17 40		n.a.
F 5	10 33	21 27	2 20	13 38	0n14	25 25	2 41	21 44	2 1	2 42	1 3	21 20	1 39	23 44	0 38	24 2	0 13	16 41	1 51	20 0	20 19	17 42		n.a.
S 6	10 56	20 16	3 25	12 57	0 34	25 34	2 41	21 38	2 2	2 48	1 3	21 20	1 40	23 43	0 38	24 2	0 13	16 40	1 51	20 0	20 18	17 43		n.a.
S 7	11 18	17 55	4 15	12 13	0 55	25 42	2 41	21 33	2 3	2 53	1 3	21 19	1 40	23 43	0 38	24 2	0 13	16 40	1 51	20 0	20 17	17 44		n.a.
M 8	11 40	14 40	4 51	11 27	1 15	25 49	2 40	21 27	2 5	2 58	1 3	21 19	1 40	23 43	0 38	24 2	0 13	16 40	1 50	20 0	20 16	17 45		n.a.
T 9	12 2	10 48	5 10	10 40	1 34	25 55	2 40	21 21	2 6	3 3	1 3	21 19	1 40	23 43	0 38	24 2	0 13	16 40	1 50	20 0	20 16	17 46		n.a.
W10	12 24	6 31	5 14	9 54	1 52	26 1	2 39	21 15	2 7	3 9	1 3	21 18	1 40	23 43	0 38	24 2	0 13	16 39	1 50	19 59	20 15	17 47		n.a.
T 11	12 45	2 4	5 3	9 10	2 8	26 6	2 38	21 9	2 8	3 14	1 3	21 18	1 41	23 43	0 38	24 2	0 13	16 39	1 50	19 59	20 14	17 49		n.a.
F 12	13 7	2s25	4 37	8 30	2 23	26 11	2 37	21 2	2 10	3 19	1 3	21 18	1 41	23 42	0 38	24 2	0 13	16 39	1 50	19 58	20 14	17 50		n.a.
S 13	13 28	6 44	4 0	7 53	2 35	26 14	2 36	20 56	2 11	3 24	1 3	21 18	1 41	23 42	0 38	24 2	0 13	16 38	1 50	19 57	20 13	17 51		n.a.
S 14	13 48	10 46	3 13	7 22	2 45	26 17	2 35	20 50	2 12	3 29	1 3	21 17	1 41	23 42	0 38	24 2	0 13	16 38	1 50	19 56	20 12	17 52		n.a.
M15	14 9	14 21	2 17	6 56	2 53	26 19	2 34	20 44	2 13	3 34	1 3	21 17	1 42	23 42	0 38	24 2	0 13	16 38	1 50	19 55	20 11	17 53		n.a.
T 16	14 29	17 20	1 16	6 35	2 58	26 21	2 32	20 38	2 15	3 40	1 3	21 17	1 42	23 41	0 38	24 2	0 13	16 38	1 50	19 55	20 11	17 55		n.a.
W17	14 49	19 36	0 11	6 21	3 2	26 22	2 30	20 32	2 16	3 45	1 3	21 17	1 42	23 41	0 38	24 2	0 13	16 37	1 50	19 55	20 10	17 56		n.a.
T 18	15 9	21 1	0n54	6 12	3 3	26 22	2 29	20 26	2 17	3 50	1 3	21 17	1 42	23 41	0 38	24 2	0 13	16 37	1 50	19 55	20 9	17 57		n.a.
F 19	15 29	21 30	1 57	6 8	3 4	26 21	2 27	20 20	2 19	3 55	1 3	21 17	1 43	23 41	0 38	24 3	0 13	16 37	1 50	19 55	20 9	17 58		n.a.
S 20	15 48	21 0	2 55	6 9	3 2	26 20	2 24	20 14	2 20	4 0	1 3	21 17	1 43	23 40	0 38	24 3	0 13	16 36	1 50	19 55	20 8	17 59		n.a.
S 21	16 7	19 32	3 47	6 14	3 0	26 18	2 22	20 8	2 21	4 5	1 3	21 17	1 43	23 40	0 38	24 3	0 13	16 36	1 50	19 56	20 7	18 0		n.a.
M22	16 26	17 8	4 29	6 24	2 56	26 15	2 20	20 2	2 23	4 10	1 3	21 17	1 43	23 40	0 38	24 3	0 13	16 36	1 50	19 56	20 6	18 1		n.a.
T 23	16 44	13 53	5 0	6 37	2 52	26 11	2 17	19 56	2 24	4 15	1 3	21 17	1 44	23 40	0 38	24 3	0 13	16 36	1 50	19 56	20 6	18 3		n.a.
W24	17 2	9 54	5 16	6 53	2 46	26 7	2 14	19 50	2 25	4 20	1 3	21 17	1 44	23 39	0 38	24 3	0 13	16 35	1 50	19 56	20 5	18 4		n.a.
T 25	17 20	5 19	5 16	7 12	2 40	26 3	2 11	19 44	2 27	4 24	1 3	21 17	1 44	23 39	0 38	24 3	0 13	16 35	1 50	19 56	20 4	18 5		n.a.
F 26	17 38	0 18	4 57	7 33	2 34	25 57	2 8	19 38	2 28	4 29	1 4	21 17	1 45	23 39	0 38	24 3	0 13	16 35	1 50	19 56	20 3	18 6		n.a.
S 27	17 55	4n53	4 20	7 57	2 27	25 51	2 5	19 32	2 30	4 34	1 4	21 17	1 45	23 39	0 38	24 3	0 13	16 34	1 49	19 55	20 3	18 7		n.a.
S 28	18 12	9 57	3 25	8 22	2 20	25 44	2 2	19 26	2 31	4 39	1 4	21 17	1 45	23 38	0 38	24 3	0 13	16 34	1 49	19 55	20 2	18 8		n.a.
M29	18 28	14 32	2 15	8 49	2 12	25 37	1 58	19 21	2 32	4 44	1 4	21 18	1 45	23 38	0 38	24 3	0 13	16 34	1 49	19 55	20 1	18 9		n.a.
T 30	18s44	18n12	0n55	9s17	2n 5	25s29	1s54	19n15	2n34	4s48	1n 4	21n18	1n46	23s38	0s38	24n 3	0n13	16n34	1s49	19s55	20s 0	18s10		n.a.

Julian Day Number = 981000.5, Delta T = 13h13m51s
Ecliptic obliquity = 23°55'33, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'12, Lahiri = -31°54'11 Julian Calendar 1 Nov. 2028 BCE == Greg. Calendar 15 Oct. 2028 BCE

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ASTRODIENST EPHEMERIS for the year 2028 BCE
geocentric

DECEMBER 2028 BCE (-2027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 30 59	23♏24'59	2♊28	29♎42	10♑32	14♌56	14♎35	4°R13	15♑34	4°R51	20°R46	27°D 8	27♏29	17♏12	n.a.	W 1
T 2	3 34 56	24°26'11	17°34	0♏46	11°32	15°19	14°47	4♌13	15°36	4♋49	20♉45	27♏ 9	27°25	17°18	n.a.	T 2
F 3	3 38 52	25°27'22	2♋23	1°53	12°32	15°42	14°59	4°13	15°38	4°48	20°44	27° 9	27°22	17°25	n.a.	F 3
S 4	3 42 49	26°28'32	16°49	3° 2	13°31	16° 5	15°10	4°13	15°41	4°47	20°42	27° 9	27°19	17°32	n.a.	S 4
S 5	3 46 45	27°29'42	0♌47	4°13	14°30	16°27	15°22	4°12	15°43	4°46	20°41	27°R 9	27°16	17°38	n.a.	S 5
M 6	3 50 42	28°30'50	14°19	5°25	15°28	16°49	15°34	4°12	15°46	4°45	20°40	27° 9	27°13	17°45	n.a.	M 6
T 7	3 54 38	29°31'59	27°24	6°40	16°26	17°10	15°45	4°11	15°49	4°43	20°39	27°D 9	27°10	17°51	n.a.	T 7
W 8	3 58 35	0♐33'06	10♍ 6	7°56	17°23	17°32	15°57	4°10	15°51	4°42	20°37	27° 9	27° 6	17°58	n.a.	W 8
T 9	4 2 32	1°34'13	22°29	9°14	18°20	17°53	16° 8	4° 9	15°54	4°41	20°36	27° 9	27° 3	18° 5	n.a.	T 9
F 10	4 6 28	2°35'19	4♎38	10°32	19°16	18°13	16°20	4° 8	15°56	4°39	20°35	27°10	27° 0	18°11	n.a.	F 10
S 11	4 10 25	3°36'24	16°35	11°52	20°12	18°33	16°31	4° 7	15°59	4°38	20°34	27°10	26°57	18°18	n.a.	S 11
S 12	4 14 21	4°37'28	28°26	13°14	21° 7	18°53	16°42	4° 6	16° 2	4°37	20°32	27°11	26°54	18°25	n.a.	S 12
M13	4 18 18	5°38'31	10♏13	14°36	22° 1	19°13	16°53	4° 5	16° 5	4°35	20°31	27°12	26°51	18°31	n.a.	M13
T 14	4 22 14	6°39'33	22° 0	15°59	22°54	19°32	17° 4	4° 4	16° 8	4°34	20°30	27°R12	26°47	18°38	n.a.	T 14
W15	4 26 11	7°40'34	3♐49	17°24	23°47	19°50	17°15	4° 2	16°10	4°32	20°29	27°12	26°44	18°45	n.a.	W15
T 16	4 30 7	8°41'34	15°42	18°49	24°39	20° 9	17°26	4° 0	16°13	4°31	20°28	27°12	26°41	18°51	n.a.	T 16
F 17	4 34 4	9°42'32	27°41	20°15	25°31	20°26	17°37	3°59	16°16	4°29	20°26	27°10	26°38	18°58	n.a.	F 17
S 18	4 38 1	10°43'29	9♑48	21°42	26°21	20°44	17°47	3°57	16°19	4°28	20°25	27° 8	26°35	19° 5	n.a.	S 18
S 19	4 41 57	11°44'24	22° 6	23°10	27°11	21° 1	17°58	3°55	16°22	4°26	20°24	27° 6	26°31	19°11	n.a.	S 19
M20	4 45 54	12°45'18	4♒35	24°39	28° 0	21°17	18° 8	3°53	16°25	4°25	20°23	27° 4	26°28	19°18	n.a.	M20
T 21	4 49 50	13°46'10	17°18	26° 9	28°48	21°33	18°19	3°51	16°28	4°23	20°22	27° 2	26°25	19°25	n.a.	T 21
W22	4 53 47	14°47'00	0♓19	27°39	29°35	21°49	18°29	3°49	16°31	4°22	20°21	27° 0	26°22	19°31	n.a.	W22
T 23	4 57 43	15°47'49	13°38	29°10	0♒21	22° 4	18°39	3°47	16°34	4°20	20°19	27°D 0	26°19	19°38	n.a.	T 23
F 24	5 1 40	16°48'35	27°18	0♐42	1° 6	22°19	18°49	3°44	16°37	4°19	20°18	27° 0	26°16	19°44	n.a.	F 24
S 25	5 5 36	17°49'20	11♈19	2°15	1°50	22°33	18°59	3°42	16°40	4°17	20°17	27° 1	26°12	19°51	n.a.	S 25
S 26	5 9 33	18°50'03	25°42	3°48	2°33	22°47	19° 9	3°39	16°43	4°15	20°16	27° 2	26° 9	19°58	n.a.	S 26
M27	5 13 30	19°50'44	10♉24	5°23	3°15	23° 0	19°19	3°37	16°46	4°14	20°15	27° 4	26° 6	20° 4	n.a.	M27
T 28	5 17 26	20°51'23	25°20	6°58	3°55	23°12	19°28	3°34	16°50	4°12	20°14	27°R 4	26° 3	20°11	n.a.	T 28
W29	5 21 23	21°52'01	10♊22	8°34	4°35	23°25	19°38	3°31	16°53	4°11	20°13	27° 4	26° 0	20°18	n.a.	W29
T 30	5 25 19	22°52'36	25°24	10°11	5°13	23°36	19°47	3°28	16°56	4° 9	20°12	27° 2	25°57	20°24	n.a.	T 30
F 31	5 29 16	23♐53'10	10♋15	11♐48	5♒50	23♌47	19♎56	3♌25	16♑59	4♋ 7	20♉11	26♏59	25♏53	20♏31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	19s 0	20n36	0s30	9s47	1n57	25s20	1s51	19n 9	2n35	4s53	1n 4	21n18	1n46	23s37	0s38	24n 3	0n13	16n33	1s49	19s55	20s 0	18s11			n.a.
T 2	19 16	21 29	1 51	10 17	1 48	25 11	1 46	19 4	2 37	4 58	1 4	21 18	1 46	23 37	0 38	24 3	0 13	16 33	1 49	19 55	19 59	18 13			n.a.
F 3	19 31	20 50	3 4	10 48	1 40	25 1	1 42	18 58	2 38	5 2	1 4	21 19	1 46	23 37	0 38	24 3	0 13	16 33	1 49	19 55	19 58	18 14			n.a.
S 4	19 46	18 50	4 3	11 20	1 32	24 51	1 38	18 53	2 40	5 7	1 4	21 19	1 47	23 37	0 38	24 3	0 13	16 33	1 49	19 55	19 58	18 15			n.a.
S 5	20 0	15 45	4 45	11 52	1 24	24 40	1 33	18 47	2 41	5 12	1 4	21 19	1 47	23 36	0 38	24 3	0 13	16 32	1 49	19 55	19 57	18 16			n.a.
M 6	20 14	11 55	5 10	12 25	1 15	24 28	1 28	18 42	2 43	5 16	1 4	21 20	1 47	23 36	0 38	24 4	0 13	16 32	1 49	19 55	19 56	18 17			n.a.
T 7	20 28	7 39	5 18	12 58	1 7	24 16	1 23	18 36	2 44	5 21	1 4	21 20	1 47	23 36	0 38	24 4	0 13	16 32	1 49	19 55	19 55	18 18			n.a.
W 8	20 41	3 9	5 10	13 31	0 59	24 4	1 18	18 31	2 46	5 25	1 4	21 21	1 48	23 35	0 38	24 4	0 13	16 31	1 49	19 55	19 55	18 19			n.a.
T 9	20 54	1s21	4 48	14 4	0 51	23 51	1 13	18 26	2 48	5 29	1 4	21 21	1 48	23 35	0 38	24 4	0 13	16 31	1 49	19 55	19 54	18 20			n.a.
F 10	21 6	5 44	4 13	14 37	0 42	23 37	1 7	18 21	2 49	5 34	1 4	21 22	1 48	23 35	0 38	24 4	0 13	16 31	1 49	19 55	19 53	18 21			n.a.
S 11	21 18	9 50	3 27	15 10	0 34	23 23	1 1	18 16	2 51	5 38	1 4	21 22	1 48	23 34	0 38	24 4	0 13	16 31	1 49	19 55	19 52	18 22			n.a.
S 12	21 30	13 31	2 33	15 43	0 26	23 9	0 56	18 11	2 52	5 43	1 4	21 23	1 49	23 34	0 38	24 4	0 13	16 30	1 48	19 56	19 52	18 23			n.a.
M13	21 41	16 39	1 33	16 15	0 18	22 54	0 49	18 7	2 54	5 47	1 4	21 23	1 49	23 33	0 38	24 4	0 13	16 30	1 48	19 56	19 51	18 24			n.a.
T 14	21 52	19 6	0 29	16 47	0 11	22 39	0 43	18 2	2 56	5 51	1 4	21 24	1 49	23 33	0 38	24 4	0 13	16 30	1 48	19 56	19 50	18 25			n.a.
W15	22 2	20 44	0n37	17 19	0 3	22 23	0 36	17 58	2 57	5 55	1 4	21 24	1 49	23 33	0 38	24 4	0 13	16 30	1 48	19 56	19 49	18 26			n.a.
T 16	22 12	21 28	1 41	17 51	0s 5	22 7	0 30	17 53	2 59	5 59	1 4	21 25	1 50	23 32	0 38	24 4	0 13	16 29	1 48	19 56	19 49	18 27			n.a.
F 17	22 21	21 13	2 41	18 22	0 12	21 51	0 23	17 49	3 1	6 3	1 4	21 26	1 50	23 32	0 38	24 4	0 13	16 29	1 48	19 55	19 48	18 28			n.a.
S 18	22 30	19 59	3 35	18 52	0 19	21 34	0 16	17 45	3 3	6 8	1 5	21 26	1 50	23 32	0 38	24 4	0 13	16 29	1 48	19 55	19 47	18 29			n.a.
S 19	22 39	17 48	4 20	19 22	0 26	21 17	0 8	17 41	3 4	6 12	1 5	21 27	1 50	23 31	0 38	24 4	0 13	16 29	1 48	19 54	19 46	18 30			n.a.
M20	22 47	14 46	4 53	19 51	0 33	21 0	0 1	17 37	3 6	6 16	1 5	21 28	1 50	23 31	0 38	24 4	0 13	16 28	1 48	19 54	19 46	18 31			n.a.
T 21	22 55	11 1	5 12	20 20	0 40	20 42	0n 7	17 33	3 8	6 20	1 5	21 28	1 51	23 30	0 38	24 5	0 13	16 28	1 48	19 53	19 45	18 32			n.a.
W22	23 2	6 40	5 16	20 47	0 46	20 24	0 15	17 30	3 9	6 23	1 5	21 29	1 51	23 30	0 38	24 5	0 13	16 28	1 48	19 53	19 44	18 33			n.a.
T 23	23 9	1 55	5 3	21 14	0 53	20 6	0 23	17 26	3 11	6 27	1 5	21 30	1 51	23 30	0 38	24 5	0 13	16 28	1 48	19 53	19 43	18 34			n.a.
F 24	23 15	3n 4	4 33	21 40	0 59	19 48	0 32	17 23	3 13	6 31	1 5	21 31	1 51	23 29	0 38	24 5	0 14	16 27	1 48	19 53	19 43	18 35			n.a.
S 25	23 21	8 2	3 47	22 5	1 5	19 30	0 40	17 20	3 15	6 35	1 5	21 32	1 52	23 29	0 38	24 5	0 14	16 27	1 47	19 53	19 42	18 36			n.a.
S 26	23 27	12 41	2 45	22 29	1 10	19 12	0 49	17 17	3 17	6 39	1 5	21 32	1 52	23 29	0 37	24 5	0 14	16 27	1 47	19 54	19 41	18 37			n.a.
M27	23 32	16 40	1 31	22 52	1 16	18 53	0 58	17 15	3 18	6 42	1 5	21 33	1 52	23 28	0 37	24 5	0 14	16 27	1 47	19 54	19 40	18 38			n.a.
T 28	23 36	19 38	0 10	23 14	1 21	18 34	1 7	17 12	3 20	6 46	1 5	21 34	1 52	23 28	0 37	24 5	0 14	16 27	1 47	19 54	19 39	18 39			n.a.
W29	23 40	21 15	1s13	23 35	1 26	18 16	1 17	17 10	3 22	6 49	1 5	21 35	1 53	23 27	0 37	24 5	0 14	16 26	1 47	19 54	19 39	18 40			n.a.
T 30	23 44	21 21	2 30	23 55	1 30	17 57	1 27	17 7	3 24	6 53	1 5	21 36	1 53	23 27	0 37	24 5	0 14	16 26	1 47	19 54	19 38	18 41			n.a.
F 31	23s47	19n56	3s36	24s13	1s34	17s38	1n37	17n 5	3n26	6s56	1n 6	21n37	1n53	23s26	0s37	24n 5	0n14	16n26	1s47	19s53	19s37	18s42			n.a.

Julian Day Number = 981030.5, Delta T = 13h13m49s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'08, Lahiri = -31°54'07 Julian Calendar 1 Dec. 2028 BCE == Greg. Calendar 14 Nov. 2028 BCE

The year -2027 astronomical counting style corresponds to year 2028 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

JANUARY 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 33 12	24♐53'42	24♋47	13♐27	6♒25	23♌58	20♎ 5	3°R22	17♑ 2	4°R 6	20°R10	26°R55	25♏50	20♏38	n.a.	S 1
S 2	5 37 9	25°54'13	8♌56	15° 6	6°59	24° 8	20°15	3♌19	17° 6	4♋ 4	20♉ 9	26♏51	25°47	20°44	n.a.	S 2
M 3	5 41 6	26°54'42	22°37	16°47	7°32	24°17	20°23	3°16	17° 9	4° 2	20° 8	26°46	25°44	20°51	n.a.	M 3
T 4	5 45 2	27°55'09	5♍51	18°28	8° 3	24°26	20°32	3°12	17°12	4° 1	20° 7	26°43	25°41	20°58	n.a.	T 4
W 5	5 48 59	28°55'35	18°39	20°10	8°32	24°34	20°41	3° 9	17°15	3°59	20° 6	26°41	25°37	21° 4	n.a.	W 5
T 6	5 52 55	29°55'59	1♎ 5	21°53	9° 0	24°41	20°49	3° 6	17°19	3°57	20° 5	26°D41	25°34	21°11	n.a.	T 6
F 7	5 56 52	0♑56'22	13°14	23°37	9°26	24°48	20°58	3° 2	17°22	3°56	20° 4	26°41	25°31	21°18	n.a.	F 7
S 8	6 0 48	1°56'43	25°10	25°22	9°50	24°54	21° 6	2°58	17°25	3°54	20° 3	26°43	25°28	21°24	n.a.	S 8
S 9	6 4 45	2°57'02	6♏59	27° 8	10°12	25° 0	21°14	2°55	17°29	3°52	20° 2	26°45	25°25	21°31	n.a.	S 9
M10	6 8 41	3°57'20	18°44	28°55	10°33	25° 5	21°22	2°51	17°32	3°51	20° 1	26°46	25°22	21°37	n.a.	M10
T 11	6 12 38	4°57'35	0♐32	0♑43	10°51	25° 9	21°30	2°47	17°35	3°49	20° 0	26°R46	25°18	21°44	n.a.	T 11
W12	6 16 35	5°57'49	12°25	2°32	11° 8	25°12	21°38	2°43	17°39	3°47	20° 0	26°45	25°15	21°51	n.a.	W12
T 13	6 20 31	6°58'02	24°25	4°22	11°22	25°15	21°46	2°40	17°42	3°46	19°59	26°42	25°12	21°57	n.a.	T 13
F 14	6 24 28	7°58'12	6♑36	6°13	11°34	25°17	21°53	2°36	17°45	3°44	19°58	26°36	25° 9	22° 4	n.a.	F 14
S 15	6 28 24	8°58'20	18°59	8° 5	11°45	25°18	22° 1	2°32	17°49	3°42	19°57	26°29	25° 6	22°11	n.a.	S 15
S 16	6 32 21	9°58'26	1♒33	9°57	11°52	25°R19	22° 8	2°27	17°52	3°41	19°56	26°21	25° 3	22°17	n.a.	S 16
M17	6 36 17	10°58'29	14°20	11°51	11°58	25°19	22°15	2°23	17°56	3°39	19°56	26°13	24°59	22°24	n.a.	M17
T 18	6 40 14	11°58'31	27°19	13°46	12° 1	25°18	22°22	2°19	17°59	3°37	19°55	26° 6	24°56	22°31	n.a.	T 18
W19	6 44 10	12°58'30	10♓32	15°41	12°R 1	25°16	22°28	2°15	18° 2	3°36	19°54	26° 0	24°53	22°37	n.a.	W19
T 20	6 48 7	13°58'27	23°57	17°37	11°59	25°14	22°35	2°11	18° 6	3°34	19°54	25°55	24°50	22°44	n.a.	T 20
F 21	6 52 3	14°58'21	7♈36	19°33	11°55	25°11	22°42	2° 6	18° 9	3°32	19°53	25°54	24°47	22°51	n.a.	F 21
S 22	6 56 0	15°58'13	21°29	21°30	11°48	25° 7	22°48	2° 2	18°13	3°31	19°52	25°D53	24°43	22°57	n.a.	S 22
S 23	6 59 57	16°58'02	5♉36	23°27	11°39	25° 2	22°54	1°58	18°16	3°29	19°52	25°54	24°40	23° 4	n.a.	S 23
M24	7 3 53	17°57'50	19°56	25°25	11°27	24°57	23° 0	1°53	18°20	3°28	19°51	25°R55	24°37	23°11	n.a.	M24
T 25	7 7 50	18°57'34	4♊28	27°22	11°12	24°51	23° 6	1°49	18°23	3°26	19°50	25°55	24°34	23°17	n.a.	T 25
W26	7 11 46	19°57'17	19° 6	29°19	10°55	24°44	23°12	1°44	18°26	3°24	19°50	25°53	24°31	23°24	n.a.	W26
T 27	7 15 43	20°56'56	3♋46	1♒15	10°35	24°36	23°17	1°40	18°30	3°23	19°49	25°48	24°28	23°30	n.a.	T 27
F 28	7 19 39	21°56'34	18°21	3°10	10°14	24°27	23°23	1°35	18°33	3°21	19°49	25°41	24°24	23°37	n.a.	F 28
S 29	7 23 36	22°56'10	2♌44	5° 4	9°49	24°18	23°28	1°31	18°37	3°20	19°48	25°33	24°21	23°44	n.a.	S 29
S 30	7 27 32	23°55'43	16°49	6°56	9°23	24° 8	23°33	1°26	18°40	3°18	19°48	25°23	24°18	23°50	n.a.	S 30
M31	7 31 29	24♑55'14	0♍30	8♒46	8♒55	23♌57	23♎38	1♌21	18♑44	3♋17	19♉47	25♏13	24♏15	23♏57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	17n14	4s26	24s30	1s38	17s20	1n47	17n 3	3n28	7s 0	1n 6	21n38	1n53	23s26	0s37	24n 5	0n14	16n26	1s47	19s52	19s36	18s43		n.a.
S 2	23 52	13 35	4 59	24 46	1 42	17 1	1 57	17 2	3 29	7 3	1 6	21 39	1 53	23 26	0 37	24 5	0 14	16 26	1 47	19 51	19 36	18 44		n.a.
M 3	23 53	9 20	5 13	25 0	1 45	16 42	2 8	17 0	3 31	7 7	1 6	21 40	1 54	23 25	0 37	24 5	0 14	16 25	1 47	19 50	19 35	18 45		n.a.
T 4	23 54	4 46	5 10	25 13	1 49	16 24	2 18	16 59	3 33	7 10	1 6	21 41	1 54	23 25	0 37	24 5	0 14	16 25	1 47	19 49	19 34	18 46		n.a.
W 5	23 55	0 8	4 51	25 24	1 51	16 6	2 29	16 58	3 35	7 13	1 6	21 42	1 54	23 24	0 37	24 6	0 14	16 25	1 47	19 49	19 33	18 47		n.a.
T 6	23 55	4s23	4 19	25 34	1 53	15 48	2 41	16 57	3 37	7 16	1 6	21 43	1 54	23 24	0 37	24 6	0 14	16 25	1 46	19 48	19 33	18 48		n.a.
F 7	23 55	8 38	3 36	25 41	1 55	15 30	2 52	16 57	3 39	7 19	1 6	21 44	1 54	23 23	0 37	24 6	0 14	16 25	1 46	19 49	19 32	18 49		n.a.
S 8	23 55	12 28	2 44	25 47	1 57	15 12	3 3	16 56	3 41	7 23	1 6	21 45	1 55	23 23	0 37	24 6	0 14	16 25	1 46	19 49	19 31	18 50		n.a.
S 9	23 53	15 47	1 46	25 52	1 58	14 55	3 15	16 56	3 43	7 26	1 6	21 46	1 55	23 23	0 37	24 6	0 14	16 24	1 46	19 49	19 30	18 51		n.a.
M10	23 52	18 27	0 44	25 54	1 59	14 38	3 27	16 56	3 45	7 28	1 7	21 47	1 55	23 22	0 37	24 6	0 14	16 24	1 46	19 50	19 29	18 52		n.a.
T 11	23 50	20 21	0n21	25 54	1 59	14 21	3 39	16 57	3 46	7 31	1 7	21 48	1 55	23 22	0 37	24 6	0 14	16 24	1 46	19 50	19 29	18 53		n.a.
W12	23 47	21 21	1 24	25 53	1 59	14 5	3 51	16 57	3 48	7 34	1 7	21 49	1 55	23 21	0 37	24 6	0 14	16 24	1 46	19 50	19 28	18 54		n.a.
T 13	23 44	21 24	2 25	25 49	1 58	13 49	4 4	16 58	3 50	7 37	1 7	21 50	1 55	23 21	0 37	24 6	0 14	16 24	1 46	19 49	19 27	18 54		n.a.
F 14	23 41	20 26	3 19	25 43	1 57	13 34	4 16	16 59	3 52	7 40	1 7	21 51	1 56	23 20	0 37	24 6	0 14	16 24	1 46	19 47	19 26	18 55		n.a.
S 15	23 37	18 30	4 6	25 35	1 55	13 19	4 29	17 0	3 54	7 43	1 7	21 52	1 56	23 20	0 37	24 6	0 14	16 24	1 46	19 46	19 26	18 56		n.a.
S 16	23 32	15 40	4 40	25 25	1 53	13 4	4 41	17 2	3 56	7 45	1 7	21 53	1 56	23 19	0 37	24 6	0 14	16 24	1 45	19 44	19 25	18 57		n.a.
M17	23 28	12 3	5 2	25 12	1 50	12 51	4 54	17 4	3 58	7 48	1 7	21 55	1 56	23 19	0 37	24 6	0 14	16 23	1 45	19 42	19 24	18 58		n.a.
T 18	23 22	7 50	5 8	24 58	1 46	12 38	5 7	17 6	3 59	7 50	1 7	21 56	1 56	23 18	0 37	24 6	0 14	16 23	1 45	19 40	19 23	18 59		n.a.
W19	23 17	3 10	4 59	24 41	1 42	12 25	5 20	17 8	4 1	7 53	1 7	21 57	1 56	23 18	0 37	24 6	0 14	16 23	1 45	19 39	19 22	19 0		n.a.
T 20	23 10	1n43	4 33	24 21	1 38	12 14	5 32	17 10	4 3	7 55	1 8	21 58	1 57	23 17	0 37	24 6	0 14	16 23	1 45	19 38	19 22	19 1		n.a.
F 21	23 4	6 36	3 51	23 59	1 32	12 3	5 45	17 13	4 5	7 57	1 8	21 59	1 57	23 17	0 37	24 7	0 14	16 23	1 45	19 37	19 21	19 2		n.a.
S 22	22 57	11 14	2 55	23 35	1 26	11 53	5 57	17 16	4 6	8 0	1 8	22 0	1 57	23 17	0 37	24 7	0 14	16 23	1 45	19 37	19 20	19 2		n.a.
S 23	22 49	15 20	1 47	23 9	1 20	11 43	6 10	17 19	4 8	8 2	1 8	22 1	1 57	23 16	0 37	24 7	0 14	16 23	1 45	19 37	19 19	19 3		n.a.
M24	22 41	18 36	0 32	22 40	1 12	11 35	6 22	17 23	4 10	8 4	1 8	22 3	1 57	23 16	0 37	24 7	0 14	16 23	1 45	19 38	19 18	19 4		n.a.
T 25	22 33	20 43	0s46	22 10	1 4	11 27	6 34	17 26	4 11	8 6	1 8	22 4	1 57	23 15	0 37	24 7	0 14	16 23	1 45	19 38	19 18	19 5		n.a.
W26	22 24	21 27	2 1	21 37	0 56	11 21	6 45	17 30	4 13	8 8	1 8	22 5	1 57	23 15	0 37	24 7	0 14	16 23	1 45	19 37	19 17	19 6		n.a.
T 27	22 15	20 43	3 9	21 2	0 47	11 15	6 57	17 34	4 15	8 10	1 8	22 6	1 58	23 14	0 37	24 7	0 14	16 23	1 44	19 36	19 16	19 7		n.a.
F 28	22 6	18 37	4 3	20 26	0 37	11 11	7 8	17 39	4 16	8 12	1 9	22 7	1 58	23 14	0 37	24 7	0 14	16 23	1 44	19 34	19 15	19 8		n.a.
S 29	21 56	15 23	4 42	19 48	0 26	11 7	7 18	17 43	4 17	8 14	1 9	22 8	1 58	23 13	0 37	24 7	0 14	16 23	1 44	19 32	19 15	19 8		n.a.
S 30	21 45	11 19	5 2	19 9	0 15	11 4	7 28	17 48	4 19	8 16	1 9	22 9	1 58	23 13	0 37	24 7	0 14	16 23	1 44	19 30	19 14	19 9		n.a.
M31	21s35	6n47	5s 4	18s29	0s 3	11s 3	7n37	17n53	4n20	8s17	1n 9	22n11	1n58	23s12	0s37	24n 7	0n14	16n22	1s44	19s27	19s13	19s10		n.a.

Julian Day Number = 981061.5, Delta T = 13h13m47s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°01'03, Lahiri = -31°54'03 Julian Calendar 1 Jan. 2027 BCE == Greg. Calendar 15 Dec. 2028 BCE

The year -2026 astronomical counting style corresponds to year 2027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

FEBRUARY 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 35 26	25♉54'43	13♍46	10♒34	8°R24	23°R46	23♎42	1°R17	18♉47	3°R15	19°R47	25°R 5	24♏12	24♏ 4	n.a.	T 1
W 2	7 39 22	26°54'10	26°38	12°18	7♒52	23♌33	23°47	1♌12	18°50	3♋14	19♉47	24♏59	24° 9	24°10	n.a.	W 2
T 3	7 43 19	27°53'35	9♎ 8	13°59	7°19	23°20	23°51	1° 8	18°54	3°12	19°46	24°54	24° 5	24°17	n.a.	T 3
F 4	7 47 15	28°52'58	21°19	15°36	6°44	23° 6	23°56	1° 3	18°57	3°11	19°46	24°53	24° 2	24°24	n.a.	F 4
S 5	7 51 12	29°52'19	3♏17	17° 8	6° 8	22°52	24° 0	0°58	19° 0	3° 9	19°46	24°D52	23°59	24°30	n.a.	S 5
S 6	7 55 8	0♒51'38	15° 6	18°35	5°31	22°37	24° 4	0°54	19° 4	3° 8	19°45	24°53	23°56	24°37	n.a.	S 6
M 7	7 59 5	1°50'55	26°53	19°58	4°53	22°21	24° 7	0°49	19° 7	3° 6	19°45	24°R53	23°53	24°44	n.a.	M 7
T 8	8 3 1	2°50'10	8♐43	21°14	4°15	22° 4	24°11	0°44	19°11	3° 5	19°45	24°52	23°49	24°50	n.a.	T 8
W 9	8 6 58	3°49'24	20°40	22°25	3°37	21°47	24°14	0°40	19°14	3° 3	19°44	24°49	23°46	24°57	n.a.	W 9
T 10	8 10 54	4°48'35	2♑48	23°29	2°59	21°29	24°17	0°35	19°17	3° 2	19°44	24°43	23°43	25° 4	n.a.	T 10
F 11	8 14 51	5°47'44	15°10	24°27	2°21	21°11	24°20	0°30	19°21	3° 1	19°44	24°35	23°40	25°10	n.a.	F 11
S 12	8 18 48	6°46'51	27°48	25°17	1°44	20°52	24°23	0°26	19°24	2°59	19°44	24°24	23°37	25°17	n.a.	S 12
S 13	8 22 44	7°45'56	10♒42	26° 1	1° 8	20°33	24°26	0°21	19°27	2°58	19°44	24°12	23°34	25°23	n.a.	S 13
M14	8 26 41	8°44'59	23°51	26°38	0°32	20°13	24°28	0°17	19°30	2°57	19°44	24° 0	23°30	25°30	n.a.	M14
T 15	8 30 37	9°43'59	7♓13	27° 8	29♑58	19°52	24°30	0°12	19°34	2°55	19°44	23°48	23°27	25°37	n.a.	T 15
W16	8 34 34	10°42'57	20°47	27°30	29°26	19°32	24°32	0° 7	19°37	2°54	19°44	23°38	23°24	25°43	n.a.	W16
T 17	8 38 30	11°41'52	4♈31	27°45	28°55	19°10	24°34	0° 3	19°40	2°53	19°43	23°31	23°21	25°50	n.a.	T 17
F 18	8 42 27	12°40'45	18°22	27°53	28°26	18°49	24°36	29♋58	19°43	2°52	19°D43	23°27	23°18	25°57	n.a.	F 18
S 19	8 46 23	13°39'36	2♉19	27°R54	27°59	18°27	24°38	29°54	19°47	2°50	19°43	23°25	23°14	26° 3	n.a.	S 19
S 20	8 50 20	14°38'24	16°22	27°48	27°34	18° 5	24°39	29°50	19°50	2°49	19°43	23°25	23°11	26°10	n.a.	S 20
M21	8 54 16	15°37'10	0♊30	27°36	27°11	17°43	24°40	29°45	19°53	2°48	19°44	23°25	23° 8	26°17	n.a.	M21
T 22	8 58 13	16°35'53	14°42	27°17	26°50	17°20	24°41	29°41	19°56	2°47	19°44	23°24	23° 5	26°23	n.a.	T 22
W23	9 2 10	17°34'34	28°56	26°53	26°32	16°58	24°42	29°36	19°59	2°46	19°44	23°20	23° 2	26°30	n.a.	W23
T 24	9 6 6	18°33'13	13♋10	26°24	26°16	16°35	24°42	29°32	20° 2	2°45	19°44	23°14	22°59	26°37	n.a.	T 24
F 25	9 10 3	19°31'49	27°19	25°51	26° 3	16°13	24°43	29°28	20° 6	2°44	19°44	23° 5	22°55	26°43	n.a.	F 25
S 26	9 13 59	20°30'23	11♌19	25°13	25°52	15°50	24°43	29°24	20° 9	2°43	19°44	22°54	22°52	26°50	n.a.	S 26
S 27	9 17 56	21°28'55	25° 6	24°33	25°43	15°27	24°R43	29°20	20°12	2°42	19°44	22°42	22°49	26°56	n.a.	S 27
M28	9 21 52	22♒27'24	8♍34	23♒50	25♉37	15♌ 5	24♎43	29♋16	20♉15	2♋41	19♉45	22♏30	22♏46	27♏ 3	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21s24	2n 4	4s49	17s48	0n 9	11s 2	7n46	17n58	4n22	8s19	1n 9	22n12	1n58	23s12	0s37	24n 7	0n14	16n22	1s44	19s25	19s12	19s11		n.a.	T 1
W 2	21 12	2s36	4 20	17 7	0 21	11 3	7 54	18 4	4 23	8 21	1 9	22 13	1 58	23 11	0 37	24 7	0 14	16 22	1 44	19 24	19 11	19 12		n.a.	W 2
T 3	21 0	7 2	3 39	16 25	0 34	11 4	8 1	18 9	4 24	8 22	1 9	22 14	1 58	23 11	0 37	24 7	0 14	16 22	1 44	19 23	19 11	19 12		n.a.	T 3
F 4	20 48	11 5	2 49	15 44	0 48	11 6	8 7	18 15	4 25	8 24	1 9	22 15	1 58	23 10	0 37	24 7	0 14	16 22	1 44	19 22	19 10	19 13		n.a.	F 4
S 5	20 35	14 37	1 53	15 3	1 1	11 10	8 13	18 21	4 26	8 25	1 9	22 16	1 58	23 10	0 38	24 7	0 14	16 22	1 44	19 22	19 9	19 14		n.a.	S 5
S 6	20 22	17 31	0 52	14 23	1 15	11 14	8 17	18 27	4 27	8 26	1 10	22 17	1 58	23 9	0 38	24 7	0 14	16 22	1 43	19 22	19 8	19 15		n.a.	S 6
M 7	20 9	19 41	0n11	13 44	1 28	11 19	8 21	18 33	4 28	8 28	1 10	22 19	1 59	23 9	0 38	24 7	0 14	16 23	1 43	19 22	19 7	19 16		n.a.	M 7
T 8	19 55	21 0	1 13	13 7	1 42	11 25	8 24	18 39	4 29	8 29	1 10	22 20	1 59	23 8	0 38	24 7	0 14	16 23	1 43	19 22	19 7	19 16		n.a.	T 8
W 9	19 41	21 23	2 13	12 31	1 55	11 32	8 26	18 46	4 29	8 30	1 10	22 21	1 59	23 8	0 38	24 7	0 14	16 23	1 43	19 21	19 6	19 17		n.a.	W 9
T 10	19 27	20 46	3 7	11 58	2 8	11 40	8 27	18 52	4 30	8 31	1 10	22 22	1 59	23 8	0 38	24 8	0 14	16 23	1 43	19 20	19 5	19 18		n.a.	T 10
F 11	19 12	19 10	3 54	11 27	2 20	11 48	8 27	18 59	4 30	8 32	1 10	22 23	1 59	23 7	0 38	24 8	0 14	16 23	1 43	19 18	19 4	19 19		n.a.	F 11
S 12	18 57	16 37	4 30	10 58	2 32	11 57	8 26	19 6	4 31	8 33	1 10	22 24	1 59	23 7	0 38	24 8	0 14	16 23	1 43	19 15	19 3	19 20		n.a.	S 12
S 13	18 42	13 12	4 53	10 32	2 44	12 7	8 24	19 12	4 31	8 34	1 10	22 25	1 59	23 6	0 38	24 8	0 14	16 23	1 43	19 12	19 2	19 20		n.a.	S 13
M14	18 26	9 7	5 1	10 10	2 54	12 17	8 22	19 19	4 31	8 35	1 11	22 26	1 59	23 6	0 38	24 8	0 14	16 23	1 43	19 9	19 2	19 21		n.a.	M14
T 15	18 10	4 30	4 53	9 50	3 4	12 27	8 18	19 26	4 32	8 35	1 11	22 27	1 59	23 5	0 38	24 8	0 14	16 23	1 42	19 6	19 1	19 22		n.a.	T 15
W16	17 54	0n23	4 29	9 35	3 13	12 38	8 14	19 33	4 32	8 36	1 11	22 28	1 59	23 5	0 38	24 8	0 14	16 23	1 42	19 4	19 0	19 23		n.a.	W16
T 17	17 38	5 19	3 48	9 22	3 20	12 49	8 9	19 40	4 31	8 37	1 11	22 29	1 59	23 4	0 38	24 8	0 14	16 23	1 42	19 2	18 59	19 23		n.a.	T 17
F 18	17 21	10 1	2 54	9 13	3 27	13 1	8 3	19 46	4 31	8 37	1 11	22 30	1 59	23 4	0 38	24 8	0 14	16 23	1 42	19 1	18 58	19 24		n.a.	F 18
S 19	17 4	14 14	1 49	9 8	3 32	13 13	7 56	19 53	4 31	8 38	1 11	22 31	1 59	23 3	0 38	24 8	0 14	16 23	1 42	19 0	18 58	19 25		n.a.	S 19
S 20	16 46	17 40	0 37	9 6	3 36	13 25	7 49	20 0	4 30	8 38	1 11	22 32	1 59	23 3	0 38	24 8	0 14	16 23	1 42	19 0	18 57	19 26		n.a.	S 20
M21	16 29	20 4	0s37	9 8	3 39	13 37	7 41	20 6	4 30	8 38	1 11	22 33	1 59	23 2	0 38	24 8	0 14	16 23	1 42	19 0	18 56	19 26		n.a.	M21
T 22	16 11	21 12	1 50	9 13	3 40	13 49	7 33	20 13	4 29	8 39	1 12	22 34	1 59	23 2	0 38	24 8	0 14	16 24	1 42	19 0	18 55	19 27		n.a.	T 22
W23	15 53	20 59	2 56	9 22	3 39	14 1	7 24	20 19	4 28	8 39	1 12	22 35	1 59	23 2	0 38	24 8	0 14	16 24	1 42	18 59	18 54	19 28		n.a.	W23
T 24	15 34	19 26	3 51	9 34	3 37	14 13	7 14	20 25	4 27	8 39	1 12	22 36	1 59	23 1	0 38	24 8	0 14	16 24	1 42	18 58	18 54	19 28		n.a.	T 24
F 25	15 16	16 41	4 31	9 50	3 33	14 25	7 5	20 31	4 26	8 39	1 12	22 37	1 59	23 1	0 38	24 8	0 14	16 24	1 41	18 55	18 53	19 29		n.a.	F 25
S 26	14 57	13 1	4 55	10 7	3 28	14 37	6 55	20 37	4 25	8 39	1 12	22 38	1 59	23 0	0 38	24 8	0 14	16 24	1 41	18 52	18 52	19 30		n.a.	S 26
S 27	14 38	8 43	5 0	10 28	3 21	14 48	6 44	20 43	4 24	8 39	1 12	22 39	1 59	23 0	0 38	24 8	0 14	16 24	1 41	18 49	18 51	19 31		n.a.	S 27
M28	14s18	4n 4	4s49	10s50	3n12	15s 0	6n34	20n49	4n23	8s39	1n12	22n40	1n59	22s59	0s38	24n 8	0n14	16n24	1s41	18s46	18s50	19s31		n.a.	M28

Julian Day Number = 981092.5, Delta T = 13h13m45s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'59, Lahiri = -31°53'59 Julian Calendar 1 Feb. 2027 BCE == Greg. Calendar 15 Jan. 2027 BCE

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

MARCH 2027 BCE (-2026) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 25 49	23♒25'52	21♍42	23°R 6	25°R34	14°R43	24°R43	29°R11	20♉18	2°R40	19♉45	22°R19	22♏43	27♏10	n.a.	T 1
W 2	9 29 45	24°24'18	4♎30	22♒22	25°D32	14♌21	24♎42	29♋ 7	20°21	2♋39	19°45	22♏10	22°40	27°16	n.a.	W 2
T 3	9 33 42	25°22'41	16°58	21°38	25♉34	13°59	24°41	29° 4	20°24	2°38	19°45	22° 3	22°36	27°23	n.a.	T 3
F 4	9 37 38	26°21'03	29° 9	20°55	25°37	13°37	24°40	29° 0	20°27	2°37	19°46	22° 0	22°33	27°30	n.a.	F 4
S 5	9 41 35	27°19'24	11♏ 8	20°14	25°43	13°16	24°39	28°56	20°29	2°36	19°46	21°58	22°30	27°36	n.a.	S 5
S 6	9 45 31	28°17'42	22°58	19°35	25°51	12°55	24°38	28°52	20°32	2°36	19°46	21°58	22°27	27°43	n.a.	S 6
M 7	9 49 28	29°15'59	4♐47	18°59	26° 2	12°34	24°37	28°48	20°35	2°35	19°47	21°58	22°24	27°50	n.a.	M 7
T 8	9 53 25	0♓14'14	16°38	18°27	26°14	12°14	24°35	28°45	20°38	2°34	19°47	21°57	22°20	27°56	n.a.	T 8
W 9	9 57 21	1°12'28	28°38	17°59	26°28	11°54	24°33	28°41	20°41	2°33	19°48	21°54	22°17	28° 3	n.a.	W 9
T 10	10 1 18	2°10'40	10♉51	17°36	26°45	11°35	24°31	28°38	20°44	2°33	19°48	21°49	22°14	28°10	n.a.	T 10
F 11	10 5 14	3° 8'50	23°20	17°17	27° 3	11°17	24°29	28°34	20°46	2°32	19°49	21°41	22°11	28°16	n.a.	F 11
S 12	10 9 11	4° 6'58	6♒10	17° 3	27°23	10°59	24°27	28°31	20°49	2°31	19°49	21°31	22° 8	28°23	n.a.	S 12
S 13	10 13 7	5° 5'05	19°19	16°54	27°45	10°41	24°24	28°28	20°52	2°31	19°50	21°20	22° 5	28°30	n.a.	S 13
M14	10 17 4	6° 3'10	2♓48	16°D49	28° 9	10°24	24°21	28°24	20°54	2°30	19°50	21° 8	22° 1	28°36	n.a.	M14
T 15	10 21 0	7° 1'13	16°35	16°50	28°35	10° 8	24°18	28°21	20°57	2°30	19°51	20°57	21°58	28°43	n.a.	T 15
W16	10 24 57	7°59'14	0♈34	16°55	29° 2	9°53	24°15	28°18	21° 0	2°29	19°51	20°47	21°55	28°49	n.a.	W16
T 17	10 28 53	8°57'13	14°42	17° 5	29°30	9°38	24°12	28°15	21° 2	2°29	19°52	20°40	21°52	28°56	n.a.	T 17
F 18	10 32 50	9°55'10	28°55	17°20	0♒ 0	9°24	24° 9	28°12	21° 5	2°28	19°53	20°36	21°49	29° 3	n.a.	F 18
S 19	10 36 47	10°53'05	13♉ 9	17°40	0°31	9°11	24° 5	28°10	21° 7	2°28	19°53	20°35	21°46	29° 9	n.a.	S 19
S 20	10 40 43	11°50'59	27°21	18° 4	1° 4	8°58	24° 1	28° 7	21°10	2°28	19°54	20°D35	21°42	29°16	n.a.	S 20
M21	10 44 40	12°48'50	11♊29	18°32	1°38	8°46	23°57	28° 4	21°12	2°27	19°55	20°R35	21°39	29°23	n.a.	M21
T 22	10 48 36	13°46'40	25°33	19° 4	2°14	8°35	23°53	28° 2	21°14	2°27	19°55	20°34	21°36	29°29	n.a.	T 22
W23	10 52 33	14°44'27	9♋32	19°41	2°50	8°25	23°49	27°59	21°17	2°27	19°56	20°32	21°33	29°36	n.a.	W23
T 24	10 56 29	15°42'12	23°25	20°21	3°28	8°16	23°44	27°57	21°19	2°26	19°57	20°27	21°30	29°43	n.a.	T 24
F 25	11 0 26	16°39'56	7♌ 9	21° 5	4° 7	8° 7	23°40	27°54	21°21	2°26	19°58	20°20	21°26	29°49	n.a.	F 25
S 26	11 4 22	17°37'38	20°43	21°52	4°47	8° 0	23°35	27°52	21°24	2°26	19°58	20°11	21°23	29°56	n.a.	S 26
S 27	11 8 19	18°35'18	4♍ 5	22°43	5°28	7°53	23°30	27°50	21°26	2°26	19°59	20° 1	21°20	0♐ 3	n.a.	S 27
M28	11 12 16	19°32'56	17°12	23°38	6°10	7°47	23°25	27°48	21°28	2°26	20° 0	19°50	21°17	0° 9	n.a.	M28
T 29	11 16 12	20°30'33	0♎ 4	24°35	6°53	7°41	23°20	27°46	21°30	2°26	20° 1	19°41	21°14	0°16	n.a.	T 29
W30	11 20 9	21°28'09	12°39	25°36	7°37	7°37	23°15	27°44	21°32	2°26	20° 2	19°34	21°11	0°23	n.a.	W30
T 31	11 24 5	22♓25'43	25♎ 0	26♒39	8♒22	7♌33	23♎ 9	27♋43	21♉34	2°D26	20♉ 3	19♏28	21♏ 7	0♐29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	13s59	0s39	4s22	11s14	3n 2	15s11	6n23	20n54	4n21	8s38	1n12	22n41	1n59	22s59	0s38	24n 8	0n14	16n25	1s41	18s43	18s49	19s32					n.a.
W 2	13 39	5 14	3 43	11 39	2 51	15 22	6 12	20 59	4 20	8 38	1 13	22 41	1 59	22 58	0 38	24 8	0 14	16 25	1 41	18 41	18 49	19 33					n.a.
T 3	13 19	9 28	2 54	12 5	2 38	15 32	6 1	21 4	4 18	8 38	1 13	22 42	1 59	22 58	0 38	24 8	0 14	16 25	1 41	18 39	18 48	19 33					n.a.
F 4	12 59	13 14	1 58	12 32	2 25	15 43	5 50	21 9	4 16	8 37	1 13	22 43	1 59	22 58	0 38	24 8	0 14	16 25	1 41	18 38	18 47	19 34					n.a.
S 5	12 39	16 22	0 57	12 59	2 10	15 53	5 39	21 14	4 14	8 37	1 13	22 44	1 59	22 57	0 38	24 8	0 14	16 25	1 41	18 38	18 46	19 35					n.a.
S 6	12 18	18 48	0n 5	13 25	1 55	16 2	5 28	21 18	4 12	8 36	1 13	22 45	1 59	22 57	0 38	24 8	0 14	16 26	1 41	18 38	18 45	19 35					n.a.
M 7	11 58	20 25	1 7	13 51	1 40	16 11	5 17	21 22	4 10	8 36	1 13	22 45	1 59	22 56	0 38	24 8	0 14	16 26	1 40	18 38	18 44	19 36					n.a.
T 8	11 37	21 8	2 7	14 16	1 24	16 20	5 6	21 26	4 8	8 35	1 13	22 46	1 59	22 56	0 38	24 8	0 14	16 26	1 40	18 37	18 44	19 37					n.a.
W 9	11 16	20 54	3 1	14 40	1 8	16 28	4 54	21 30	4 6	8 34	1 13	22 47	1 59	22 55	0 38	24 8	0 14	16 26	1 40	18 37	18 43	19 37					n.a.
T 10	10 55	19 41	3 49	15 3	0 52	16 36	4 43	21 33	4 4	8 33	1 13	22 47	1 59	22 55	0 38	24 8	0 14	16 26	1 40	18 35	18 42	19 38					n.a.
F 11	10 33	17 30	4 26	15 24	0 36	16 43	4 32	21 36	4 1	8 32	1 13	22 48	1 59	22 55	0 38	24 8	0 14	16 27	1 40	18 33	18 41	19 39					n.a.
S 12	10 12	14 25	4 51	15 43	0 21	16 50	4 21	21 39	3 59	8 31	1 14	22 49	1 59	22 54	0 38	24 8	0 14	16 27	1 40	18 31	18 40	19 39					n.a.
S 13	9 50	10 34	5 1	16 0	0 5	16 57	4 10	21 41	3 56	8 30	1 14	22 49	1 59	22 54	0 38	24 8	0 14	16 27	1 40	18 28	18 39	19 40					n.a.
M14	9 28	6 6	4 55	16 16	0s10	17 2	4 0	21 44	3 54	8 29	1 14	22 50	1 59	22 53	0 38	24 8	0 14	16 27	1 40	18 24	18 39	19 41					n.a.
T 15	9 7	1 14	4 32	16 29	0 24	17 8	3 49	21 46	3 51	8 28	1 14	22 51	1 59	22 53	0 38	24 8	0 14	16 28	1 40	18 21	18 38	19 41					n.a.
W16	8 45	3n46	3 53	16 41	0 38	17 13	3 38	21 47	3 48	8 27	1 14	22 51	1 58	22 53	0 38	24 8	0 14	16 28	1 40	18 19	18 37	19 42					n.a.
T 17	8 22	8 38	2 58	16 50	0 51	17 17	3 28	21 49	3 45	8 26	1 14	22 52	1 58	22 52	0 38	24 8	0 14	16 28	1 39	18 17	18 36	19 43					n.a.
F 18	8 0	13 3	1 52	16 58	1 4	17 21	3 18	21 50	3 43	8 24	1 14	22 52	1 58	22 52	0 38	24 8	0 14	16 28	1 39	18 16	18 35	19 43					n.a.
S 19	7 38	16 44	0 39	17 3	1 16	17 24	3 8	21 51	3 40	8 23	1 14	22 53	1 58	22 52	0 38	24 9	0 14	16 29	1 39	18 15	18 34	19 44					n.a.
S 20	7 15	19 23	0s36	17 6	1 27	17 26	2 58	21 51	3 37	8 21	1 14	22 53	1 58	22 51	0 38	24 9	0 14	16 29	1 39	18 15	18 34	19 44					n.a.
M21	6 53	20 49	1 49	17 7	1 37	17 28	2 48	21 52	3 34	8 20	1 14	22 54	1 58	22 51	0 38	24 9	0 14	16 29	1 39	18 15	18 33	19 45					n.a.
T 22	6 30	20 56	2 55	17 6	1 47	17 30	2 38	21 52	3 31	8 18	1 14	22 54	1 58	22 51	0 38	24 9	0 14	16 30	1 39	18 15	18 32	19 46					n.a.
W23	6 8	19 45	3 50	17 3	1 56	17 31	2 29	21 52	3 28	8 17	1 14	22 55	1 58	22 50	0 38	24 9	0 14	16 30	1 39	18 15	18 31	19 46					n.a.
T 24	5 45	17 24	4 31	16 58	2 5	17 31	2 19	21 51	3 25	8 15	1 14	22 55	1 58	22 50	0 38	24 9	0 14	16 30	1 39	18 13	18 30	19 47					n.a.
F 25	5 22	14 6	4 56	16 50	2 12	17 31	2 10	21 51	3 22	8 13	1 14	22 55	1 58	22 49	0 39	24 9	0 14	16 30	1 39	18 11	18 29	19 47					n.a.
S 26	4 59	10 5	5 4	16 41	2 19	17 30	2 1	21 50	3 19	8 11	1 14	22 56	1 58	22 49	0 39	24 9	0 14	16 31	1 39	18 9	18 29	19 48					n.a.
S 27	4 36	5 39	4 55	16 30	2 25	17 29	1 52	21 49	3 16	8 9	1 15	22 56	1 58	22 49	0 39	24 9	0 14	16 31	1 38	18 6	18 28	19 49					n.a.
M28	4 13	1 1	4 30	16 17	2 30	17 27	1 43	21 48	3 13	8 7	1 15	22 56	1 57	22 49	0 39	24 9	0 14	16 31	1 38	18 3	18 27	19 49					n.a.
T 29	3 50	3s34	3 52	16 1	2 35	17 24	1 35	21 46	3 10	8 6	1 15	22 57	1 57	22 48	0 39	24 9	0 14	16 32	1 38	18 1	18 26	19 50					n.a.
W30	3 27	7 54	3 4	15 44	2 39	17 21	1 26	21 44	3 7	8 3	1 15	22 57	1 57	22 48	0 39	24 9	0 14	16 32	1 38	17 59	18 25	19 50					n.a.
T 31	3s 4	11s50	2s 7	15s25	2s42	17s17	1n18	21n42	3n 3	8s 1	1n15	22n57	1n57	22s48	0s39	24n 9	0n14	16n32	1s38	17s57	18s24	19s51					n.a.

Julian Day Number = 981120.5, Delta T = 13h13m43s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'55, Lahiri = -31°53'55 Julian Calendar 1 March 2027 BCE == Greg. Calendar 12 Feb. 2027 BCE

The year -2026 astronomical counting style corresponds to year 2027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

APRIL 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 28 2	23♓23'16	7♏ 6	27♒46	9♒ 8	7°R30	23°R 4	27°R41	21♉36	2♋26	20♉ 4	19°R26	21♏ 4	0♐36	n.a.	F 1
S 2	11 31 58	24°20'47	19° 3	28°55	9°54	7♌28	22♎58	27♋39	21°38	2°26	20° 5	19°D25	21° 1	0°42	n.a.	S 2
S 3	11 35 55	25°18'18	0♐53	0♓ 7	10°42	7°27	22°52	27°38	21°40	2°26	20° 6	19♏25	20°58	0°49	n.a.	S 3
M 4	11 39 51	26°15'47	12°42	1°21	11°30	7°D26	22°46	27°36	21°42	2°26	20° 7	19°26	20°55	0°56	n.a.	M 4
T 5	11 43 48	27°13'16	24°33	2°39	12°19	7°26	22°40	27°35	21°44	2°26	20° 8	19°R27	20°51	1° 2	n.a.	T 5
W 6	11 47 44	28°10'43	6♑34	3°59	13° 8	7°28	22°34	27°34	21°46	2°26	20° 9	19°27	20°48	1° 9	n.a.	W 6
T 7	11 51 41	29° 8'10	18°48	5°21	13°58	7°29	22°27	27°33	21°48	2°26	20°10	19°25	20°45	1°16	n.a.	T 7
F 8	11 55 38	0♈ 5'35	1♒20	6°46	14°49	7°32	22°21	27°32	21°49	2°27	20°11	19°21	20°42	1°22	n.a.	F 8
S 9	11 59 34	1° 3'00	14°14	8°13	15°41	7°35	22°14	27°31	21°51	2°27	20°12	19°15	20°39	1°29	n.a.	S 9
S 10	12 3 31	2° 0'23	27°32	9°43	16°33	7°39	22° 8	27°30	21°53	2°27	20°13	19° 8	20°36	1°36	n.a.	S 10
M11	12 7 27	2°57'46	11♓14	11°15	17°26	7°44	22° 1	27°30	21°54	2°27	20°14	19° 0	20°32	1°42	n.a.	M11
T 12	12 11 24	3°55'07	25°17	12°50	18°19	7°50	21°54	27°29	21°56	2°28	20°15	18°53	20°29	1°49	n.a.	T 12
W13	12 15 20	4°52'28	9♈38	14°27	19°13	7°56	21°47	27°29	21°57	2°28	20°16	18°47	20°26	1°56	n.a.	W13
T 14	12 19 17	5°49'47	24°10	16° 6	20° 7	8° 3	21°40	27°28	21°59	2°29	20°17	18°43	20°23	2° 2	n.a.	T 14
F 15	12 23 13	6°47'06	8♉48	17°48	21° 2	8°11	21°33	27°28	22° 0	2°29	20°19	18°41	20°20	2° 9	n.a.	F 15
S 16	12 27 10	7°44'23	23°24	19°32	21°57	8°19	21°26	27°28	22° 2	2°30	20°20	18°D41	20°17	2°16	n.a.	S 16
S 17	12 31 7	8°41'39	7♊55	21°18	22°53	8°28	21°19	27°D28	22° 3	2°30	20°21	18°42	20°13	2°22	n.a.	S 17
M18	12 35 3	9°38'54	22°15	23° 7	23°49	8°38	21°11	27°28	22° 4	2°31	20°22	18°43	20°10	2°29	n.a.	M18
T 19	12 39 0	10°36'08	6♋24	24°58	24°46	8°49	21° 4	27°28	22° 6	2°31	20°23	18°R44	20° 7	2°35	n.a.	T 19
W20	12 42 56	11°33'20	20°18	26°51	25°43	9° 0	20°57	27°28	22° 7	2°32	20°25	18°44	20° 4	2°42	n.a.	W20
T 21	12 46 53	12°30'32	3♌59	28°46	26°41	9°11	20°49	27°28	22° 8	2°33	20°26	18°42	20° 1	2°49	n.a.	T 21
F 22	12 50 49	13°27'42	17°25	0♈44	27°39	9°24	20°42	27°29	22° 9	2°33	20°27	18°39	19°57	2°55	n.a.	F 22
S 23	12 54 46	14°24'51	0♍38	2°44	28°37	9°37	20°34	27°29	22°10	2°34	20°28	18°34	19°54	3° 2	n.a.	S 23
S 24	12 58 43	15°22'00	13°37	4°45	29°36	9°50	20°26	27°30	22°11	2°35	20°30	18°29	19°51	3° 9	n.a.	S 24
M25	13 2 39	16°19'07	26°23	6°49	0♓35	10° 4	20°19	27°31	22°12	2°35	20°31	18°23	19°48	3°15	n.a.	M25
T 26	13 6 36	17°16'14	8♎55	8°54	1°34	10°19	20°11	27°31	22°13	2°36	20°32	18°19	19°45	3°22	n.a.	T 26
W27	13 10 32	18°13'20	21°15	11° 1	2°34	10°34	20° 4	27°32	22°14	2°37	20°34	18°15	19°42	3°29	n.a.	W27
T 28	13 14 29	19°10'26	3♏24	13° 9	3°34	10°50	19°56	27°33	22°15	2°38	20°35	18°13	19°38	3°35	n.a.	T 28
F 29	13 18 25	20° 7'31	15°24	15°19	4°34	11° 7	19°48	27°34	22°16	2°39	20°36	18°D12	19°35	3°42	n.a.	F 29
S 30	13 22 22	21♈ 4'36	27♏17	17♈29	5♓35	11♌24	19♎41	27♋36	22♑16	2♋40	20♉38	18♏12	19♏32	3♐49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s41	15s12	1s 6	15s 4	2s45	17s13	1n10	21n40	3n 0	7s59	1n15	22n57	1n57	22s47	0s39	24n 9	0n14	16n33	1s38	17s56	18s23	19s51		n.a.
S 2	2 17	17 52	0 2	14 41	2 47	17 8	1 2	21 38	2 57	7 57	1 15	22 58	1 57	22 47	0 39	24 9	0 14	16 33	1 38	17 56	18 23	19 52		n.a.
S 3	1 54	19 45	1n 1	14 16	2 48	17 2	0 54	21 35	2 54	7 55	1 15	22 58	1 57	22 47	0 39	24 9	0 14	16 33	1 38	17 56	18 22	19 52		n.a.
M 4	1 31	20 46	2 2	13 49	2 48	16 56	0 47	21 32	2 51	7 53	1 15	22 58	1 57	22 46	0 39	24 9	0 14	16 34	1 38	17 57	18 21	19 53		n.a.
T 5	1 8	20 51	2 58	13 21	2 48	16 49	0 40	21 29	2 48	7 50	1 15	22 58	1 57	22 46	0 39	24 9	0 14	16 34	1 38	17 57	18 20	19 54		n.a.
W 6	0 44	19 59	3 46	12 50	2 48	16 42	0 32	21 26	2 45	7 48	1 15	22 58	1 57	22 46	0 39	24 9	0 14	16 35	1 38	17 57	18 19	19 54		n.a.
T 7	0 21	18 11	4 26	12 18	2 46	16 34	0 25	21 23	2 42	7 46	1 15	22 58	1 56	22 46	0 39	24 9	0 14	16 35	1 37	17 56	18 18	19 55		n.a.
F 8	0n 2	15 30	4 53	11 44	2 44	16 26	0 18	21 19	2 39	7 43	1 15	22 59	1 56	22 45	0 39	24 9	0 14	16 35	1 37	17 55	18 17	19 55		n.a.
S 9	0 26	12 0	5 7	11 8	2 41	16 17	0 12	21 15	2 36	7 41	1 15	22 59	1 56	22 45	0 39	24 9	0 15	16 36	1 37	17 54	18 17	19 56		n.a.
S 10	0 49	7 48	5 5	10 31	2 38	16 7	0 5	21 11	2 33	7 38	1 15	22 59	1 56	22 45	0 39	24 9	0 15	16 36	1 37	17 52	18 16	19 56		n.a.
M11	1 12	3 6	4 46	9 51	2 34	15 57	0s 1	21 7	2 30	7 36	1 15	22 59	1 56	22 45	0 39	24 9	0 15	16 36	1 37	17 49	18 15	19 57		n.a.
T 12	1 35	1n53	4 9	9 10	2 30	15 46	0 8	21 3	2 27	7 33	1 15	22 59	1 56	22 44	0 39	24 9	0 15	16 37	1 37	17 47	18 14	19 57		n.a.
W13	1 58	6 53	3 16	8 28	2 25	15 35	0 14	20 58	2 24	7 30	1 15	22 59	1 56	22 44	0 39	24 9	0 15	16 37	1 37	17 46	18 13	19 58		n.a.
T 14	2 22	11 33	2 9	7 43	2 19	15 23	0 20	20 53	2 21	7 28	1 15	22 59	1 56	22 44	0 39	24 9	0 15	16 38	1 37	17 45	18 12	19 58		n.a.
F 15	2 45	15 34	0 53	6 57	2 13	15 11	0 26	20 49	2 18	7 25	1 14	22 59	1 55	22 44	0 39	24 9	0 15	16 38	1 37	17 44	18 11	19 59		n.a.
S 16	3 8	18 35	0s26	6 9	2 6	14 58	0 31	20 44	2 15	7 22	1 14	22 58	1 55	22 44	0 39	24 9	0 15	16 38	1 37	17 44	18 10	19 59		n.a.
S 17	3 31	20 23	1 43	5 20	1 59	14 44	0 37	20 38	2 13	7 20	1 14	22 58	1 55	22 43	0 39	24 9	0 15	16 39	1 37	17 44	18 10	20 0		n.a.
M18	3 54	20 49	2 53	4 29	1 51	14 31	0 42	20 33	2 10	7 17	1 14	22 58	1 55	22 43	0 39	24 9	0 15	16 39	1 36	17 45	18 9	20 0		n.a.
T 19	4 17	19 56	3 51	3 36	1 43	14 16	0 47	20 28	2 7	7 14	1 14	22 58	1 55	22 43	0 39	24 9	0 15	16 40	1 36	17 45	18 8	20 1		n.a.
W20	4 40	17 50	4 34	2 43	1 34	14 1	0 52	20 22	2 4	7 12	1 14	22 58	1 55	22 43	0 39	24 9	0 15	16 40	1 36	17 45	18 7	20 1		n.a.
T 21	5 2	14 46	5 2	1 48	1 25	13 46	0 57	20 16	2 1	7 9	1 14	22 58	1 55	22 43	0 39	24 9	0 15	16 40	1 36	17 44	18 6	20 2		n.a.
F 22	5 25	10 59	5 12	0 51	1 15	13 30	1 2	20 10	1 59	7 6	1 14	22 57	1 55	22 43	0 39	24 9	0 15	16 41	1 36	17 43	18 5	20 2		n.a.
S 23	5 48	6 44	5 5	0n 6	1 6	13 14	1 6	20 4	1 56	7 3	1 14	22 57	1 54	22 43	0 40	24 9	0 15	16 41	1 36	17 42	18 4	20 2		n.a.
S 24	6 10	2 14	4 42	1 5	0 56	12 57	1 11	19 58	1 53	7 0	1 14	22 57	1 54	22 42	0 40	24 9	0 15	16 42	1 36	17 41	18 4	20 3		n.a.
M25	6 33	2s17	4 6	2 4	0 45	12 39	1 15	19 51	1 51	6 58	1 14	22 57	1 54	22 42	0 40	24 9	0 15	16 42	1 36	17 39	18 3	20 3		n.a.
T 26	6 55	6 38	3 19	3 4	0 35	12 22	1 19	19 44	1 48	6 55	1 14	22 56	1 54	22 42	0 40	24 9	0 15	16 43	1 36	17 38	18 2	20 4		n.a.
W27	7 17	10 39	2 22	4 5	0 24	12 3	1 23	19 38	1 45	6 52	1 14	22 56	1 54	22 42	0 40	24 9	0 15	16 43	1 36	17 37	18 1	20 4		n.a.
T 28	7 39	14 9	1 20	5 5	0 13	11 45	1 27	19 31	1 43	6 49	1 13	22 56	1 54	22 42	0 40	24 9	0 15	16 43	1 36	17 36	18 0	20 5		n.a.
F 29	8 1	17 2	0 15	6 6	0 3	11 26	1 31	19 24	1 40	6 46	1 13	22 55	1 54	22 42	0 40	24 9	0 15	16 44	1 36	17 36	17 59	20 5		n.a.
S 30	8n23	19s 9	0n50	7n 7	0n 8	11s 6	1s34	19n17	1n38	6s43	1n13	22n55	1n54	22s42	0s40	24n 8	0n15	16n44	1s35	17s36	17s58	20s 6		n.a.

Julian Day Number = 981151.5, Delta T = 13h13m41s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'51, Lahiri = -31°53'51 Julian Calendar 1 Apr. 2027 BCE == Greg. Calendar 15 March 2027 BCE

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

MAY 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 26 18	22♈ 1'40	9♐ 5	19♈40	6♓36	11♌41	19°R33	27♋37	22♑17	2♋41	20♉39	18♏13	19♏29	3♐55	n.a.	S 1
M 2	13 30 15	22°58'44	20°54	21°51	7°37	11°59	19♎25	27°38	22°18	2°42	20°41	18°15	19°26	4° 2	n.a.	M 2
T 3	13 34 12	23°55'48	2♑46	24° 2	8°39	12°17	19°18	27°40	22°18	2°43	20°42	18°16	19°22	4° 9	n.a.	T 3
W 4	13 38 8	24°52'52	14°46	26°13	9°41	12°36	19°10	27°41	22°19	2°44	20°43	18°18	19°19	4°15	n.a.	W 4
T 5	13 42 5	25°49'56	26°59	28°24	10°43	12°56	19° 3	27°43	22°19	2°45	20°45	18°R18	19°16	4°22	n.a.	T 5
F 6	13 46 1	26°46'59	9♒31	0♉34	11°45	13°16	18°55	27°45	22°20	2°46	20°46	18°17	19°13	4°29	n.a.	F 6
S 7	13 49 58	27°44'03	22°23	2°43	12°48	13°36	18°48	27°47	22°20	2°47	20°48	18°16	19°10	4°35	n.a.	S 7
S 8	13 53 54	28°41'07	5♓41	4°51	13°51	13°57	18°40	27°49	22°21	2°48	20°49	18°14	19° 7	4°42	n.a.	S 8
M 9	13 57 51	29°38'10	19°25	6°58	14°54	14°18	18°33	27°51	22°21	2°50	20°51	18°11	19° 3	4°48	n.a.	M 9
T 10	14 1 47	0♉35'14	3♈34	9° 3	15°57	14°40	18°25	27°53	22°21	2°51	20°52	18° 9	19° 0	4°55	n.a.	T 10
W11	14 5 44	1°32'18	18° 5	11° 7	17° 1	15° 2	18°18	27°55	22°21	2°52	20°54	18° 7	18°57	5° 2	n.a.	W11
T 12	14 9 41	2°29'21	2♉54	13° 9	18° 5	15°24	18°11	27°58	22°21	2°53	20°55	18° 6	18°54	5° 8	n.a.	T 12
F 13	14 13 37	3°26'25	17°51	15° 9	19° 9	15°48	18° 4	28° 0	22°22	2°55	20°57	18°D 6	18°51	5°15	n.a.	F 13
S 14	14 17 34	4°23'29	2♊50	17° 7	20°13	16°11	17°57	28° 3	22°22	2°56	20°58	18° 6	18°48	5°22	n.a.	S 14
S 15	14 21 30	5°20'32	17°42	19° 4	21°18	16°35	17°50	28° 5	22°R22	2°57	21° 0	18° 7	18°44	5°28	n.a.	S 15
M16	14 25 27	6°17'35	2♋20	20°58	22°22	16°59	17°43	28° 8	22°22	2°59	21° 1	18° 8	18°41	5°35	n.a.	M16
T 17	14 29 23	7°14'39	16°41	22°50	23°27	17°24	17°36	28°11	22°22	3° 0	21° 3	18° 8	18°38	5°42	n.a.	T 17
W18	14 33 20	8°11'41	0♌41	24°40	24°32	17°49	17°29	28°14	22°21	3° 1	21° 4	18° 9	18°35	5°48	n.a.	W18
T 19	14 37 17	9° 8'44	14°20	26°29	25°37	18°14	17°23	28°17	22°21	3° 3	21° 6	18°R 9	18°32	5°55	n.a.	T 19
F 20	14 41 13	10° 5'47	27°38	28°15	26°42	18°40	17°16	28°20	22°21	3° 4	21° 7	18° 9	18°28	6° 2	n.a.	F 20
S 21	14 45 10	11° 2'49	10♍38	29°59	27°48	19° 6	17°10	28°23	22°21	3° 6	21° 9	18° 8	18°25	6° 8	n.a.	S 21
S 22	14 49 6	11°59'51	23°21	1♊41	28°54	19°32	17° 3	28°26	22°20	3° 7	21°10	18° 7	18°22	6°15	n.a.	S 22
M23	14 53 3	12°56'54	5♎49	3°21	29°59	19°59	16°57	28°30	22°20	3° 9	21°12	18° 6	18°19	6°22	n.a.	M23
T 24	14 56 59	13°53'56	18° 5	4°59	1♈ 6	20°26	16°51	28°33	22°20	3°10	21°13	18° 6	18°16	6°28	n.a.	T 24
W25	15 0 56	14°50'59	0♏12	6°35	2°12	20°54	16°45	28°36	22°19	3°12	21°15	18° 6	18°13	6°35	n.a.	W25
T 26	15 4 52	15°48'02	12°10	8° 8	3°18	21°22	16°39	28°40	22°19	3°14	21°16	18° 5	18° 9	6°42	n.a.	T 26
F 27	15 8 49	16°45'06	24° 3	9°40	4°25	21°50	16°33	28°44	22°18	3°15	21°18	18°D 5	18° 6	6°48	n.a.	F 27
S 28	15 12 46	17°42'10	5♐52	11° 9	5°31	22°18	16°28	28°47	22°18	3°17	21°19	18°R 5	18° 3	6°55	n.a.	S 28
S 29	15 16 42	18°39'15	17°40	12°37	6°38	22°47	16°22	28°51	22°17	3°19	21°21	18° 5	18° 0	7° 2	n.a.	S 29
M30	15 20 39	19°36'20	29°30	14° 2	7°45	23°16	16°17	28°55	22°16	3°20	21°23	18° 5	17°57	7° 8	n.a.	M30
T 31	15 24 35	20♉33'27	11♑24	15♊25	8♈52	23♌45	16♎12	28♋59	22♑16	3♋22	21♉24	18♏ 5	17♏54	7♐15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	8n45	20s25	1n53	8n 8	0n18	10s46	1s38	19n 9	1n35	6s41	1n13	22n55	1n53	22s42	0s40	24n 8	0n15	16n45	1s35	17s36	17s57	20s 6			n.a.
M 2	9 7	20 46	2 50	9 7	0 29	10 26	1 41	19 2	1 33	6 38	1 13	22 54	1 53	22 42	0 40	24 8	0 15	16 45	1 35	17 37	17 57	20 6			n.a.
T 3	9 28	20 12	3 41	10 6	0 39	10 5	1 44	18 54	1 30	6 35	1 13	22 54	1 53	22 42	0 40	24 8	0 15	16 46	1 35	17 37	17 56	20 7			n.a.
W 4	9 49	18 44	4 23	11 4	0 48	9 44	1 47	18 46	1 28	6 32	1 13	22 53	1 53	22 41	0 40	24 8	0 15	16 46	1 35	17 37	17 55	20 7			n.a.
T 5	10 11	16 22	4 54	12 1	0 57	9 23	1 50	18 38	1 26	6 29	1 12	22 53	1 53	22 41	0 40	24 8	0 15	16 47	1 35	17 38	17 54	20 8			n.a.
F 6	10 32	13 13	5 12	12 56	1 6	9 1	1 52	18 30	1 23	6 27	1 12	22 52	1 53	22 41	0 40	24 8	0 15	16 47	1 35	17 37	17 53	20 8			n.a.
S 7	10 53	9 22	5 15	13 49	1 14	8 39	1 55	18 22	1 21	6 24	1 12	22 52	1 53	22 41	0 40	24 8	0 15	16 48	1 35	17 37	17 52	20 8			n.a.
S 8	11 13	4 57	5 1	14 41	1 22	8 17	1 58	18 14	1 19	6 21	1 12	22 51	1 52	22 41	0 40	24 8	0 15	16 48	1 35	17 36	17 51	20 9			n.a.
M 9	11 34	0 9	4 30	15 31	1 29	7 54	2 0	18 5	1 16	6 18	1 12	22 51	1 52	22 41	0 40	24 8	0 15	16 48	1 35	17 36	17 50	20 9			n.a.
T 10	11 55	4n50	3 42	16 18	1 35	7 31	2 2	17 57	1 14	6 16	1 12	22 50	1 52	22 41	0 40	24 8	0 15	16 49	1 35	17 35	17 49	20 10			n.a.
W11	12 15	9 40	2 39	17 4	1 41	7 8	2 4	17 48	1 12	6 13	1 11	22 50	1 52	22 41	0 40	24 8	0 15	16 49	1 35	17 34	17 49	20 10			n.a.
T 12	12 35	14 1	1 23	17 47	1 46	6 44	2 6	17 39	1 10	6 11	1 11	22 49	1 52	22 41	0 40	24 8	0 15	16 50	1 35	17 34	17 48	20 10			n.a.
F 13	12 55	17 31	0 1	18 28	1 51	6 20	2 8	17 30	1 7	6 8	1 11	22 48	1 52	22 41	0 40	24 8	0 15	16 50	1 34	17 34	17 47	20 11			n.a.
S 14	13 15	19 50	1s21	19 7	1 54	5 56	2 10	17 21	1 5	6 5	1 11	22 48	1 52	22 41	0 40	24 8	0 15	16 51	1 34	17 34	17 46	20 11			n.a.
S 15	13 34	20 44	2 37	19 43	1 57	5 31	2 11	17 11	1 3	6 3	1 11	22 47	1 52	22 41	0 40	24 8	0 15	16 51	1 34	17 34	17 45	20 11			n.a.
M16	13 53	20 13	3 42	20 17	2 0	5 7	2 13	17 2	1 1	6 0	1 11	22 46	1 51	22 41	0 40	24 8	0 15	16 52	1 34	17 35	17 44	20 12			n.a.
T 17	14 12	18 23	4 31	20 49	2 2	4 42	2 14	16 52	0 59	5 58	1 10	22 46	1 51	22 42	0 40	24 8	0 15	16 52	1 34	17 35	17 43	20 12			n.a.
W18	14 31	15 29	5 3	21 18	2 3	4 16	2 15	16 42	0 57	5 55	1 10	22 45	1 51	22 42	0 40	24 8	0 15	16 53	1 34	17 35	17 42	20 12			n.a.
T 19	14 50	11 49	5 17	21 45	2 3	3 51	2 16	16 32	0 55	5 53	1 10	22 44	1 51	22 42	0 40	24 8	0 15	16 53	1 34	17 35	17 41	20 13			n.a.
F 20	15 8	7 39	5 13	22 10	2 3	3 25	2 17	16 22	0 53	5 51	1 10	22 43	1 51	22 42	0 41	24 8	0 15	16 54	1 34	17 35	17 40	20 13			n.a.
S 21	15 27	3 13	4 53	22 33	2 2	3 0	2 18	16 12	0 51	5 48	1 9	22 43	1 51	22 42	0 41	24 8	0 15	16 54	1 34	17 35	17 40	20 13			n.a.
S 22	15 45	1s16	4 20	22 53	2 1	2 34	2 19	16 2	0 49	5 46	1 9	22 42	1 51	22 42	0 41	24 8	0 15	16 55	1 34	17 34	17 39	20 14			n.a.
M23	16 2	5 37	3 34	23 11	1 59	2 7	2 19	15 51	0 47	5 44	1 9	22 41	1 51	22 42	0 41	24 8	0 15	16 55	1 34	17 34	17 38	20 14			n.a.
T 24	16 20	9 41	2 39	23 28	1 56	1 41	2 20	15 41	0 45	5 42	1 9	22 40	1 51	22 42	0 41	24 8	0 15	16 55	1 34	17 34	17 37	20 14			n.a.
W25	16 37	13 17	1 38	23 42	1 53	1 15	2 20	15 30	0 43	5 40	1 9	22 39	1 50	22 42	0 41	24 8	0 15	16 56	1 34	17 34	17 36	20 15			n.a.
T 26	16 54	16 19	0 33	23 54	1 49	0 48	2 20	15 19	0 41	5 38	1 8	22 39	1 50	22 42	0 41	24 8	0 15	16 56	1 34	17 34	17 35	20 15			n.a.
F 27	17 11	18 38	0n33	24 5	1 45	0 21	2 21	15 8	0 39	5 36	1 8	22 38	1 50	22 42	0 41	24 8	0 15	16 57	1 34	17 34	17 34	20 15			n.a.
S 28	17 27	20 8	1 37	24 13	1 40	0n 5	2 21	14 57	0 37	5 34	1 8	22 37	1 50	22 43	0 41	24 8	0 15	16 57	1 33	17 34	17 33	20 16			n.a.
S 29	17 43	20 44	2 37	24 20	1 34	0 32	2 21	14 45	0 36	5 32	1 8	22 36	1 50	22 43	0 41	24 8	0 15	16 58	1 33	17 34	17 32	20 16			n.a.
M30	17 59	20 25	3 30	24 25	1 28	0 59	2 20	14 34	0 34	5 30	1 7	22 35	1 50	22 43	0 41	24 8	0 15	16 58	1 33	17 34	17 31	20 16			n.a.
T 31	18n15	19s11	4n15	24n28	1n22	1n27	2s20	14n23	0n32	5s28	1n 7	22n34	1n50	22s43	0s41	24n 8	0n15	16n59	1s33	17s34	17s31	20s17			n.a.

Julian Day Number = 981181.5, Delta T = 13h13m39s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'47, Lahiri = -31°53'47 Julian Calendar 1 May 2027 BCE == Greg. Calendar 14 Apr. 2027 BCE

The year -2026 astronomical counting style corresponds to year 2027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

JUNE 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 28 32	21♉30'33	23♑26	16♊46	9♈59	24♌15	16°R 7	29♋ 3	22°R15	3♋24	21♉26	18°R 5	17♏50	7♐21	n.a.	W 1
T 2	15 32 28	22°27'41	5♒40	18° 5	11° 7	24°45	16♎ 2	29° 7	22♑14	3°26	21°27	18♏ 4	17°47	7°28	n.a.	T 2
F 3	15 36 25	23°24'50	18°10	19°21	12°14	25°15	15°57	29°12	22°13	3°27	21°29	18°D 4	17°44	7°35	n.a.	F 3
S 4	15 40 22	24°21'59	0♓59	20°35	13°22	25°45	15°52	29°16	22°12	3°29	21°30	18° 4	17°41	7°41	n.a.	S 4
S 5	15 44 18	25°19'10	14°12	21°46	14°30	26°16	15°48	29°20	22°11	3°31	21°32	18° 5	17°38	7°48	n.a.	S 5
M 6	15 48 15	26°16'21	27°49	22°55	15°38	26°47	15°44	29°25	22°10	3°33	21°33	18° 5	17°34	7°55	n.a.	M 6
T 7	15 52 11	27°13'34	11♈53	24° 2	16°46	27°18	15°40	29°29	22° 9	3°35	21°35	18° 6	17°31	8° 1	n.a.	T 7
W 8	15 56 8	28°10'47	26°23	25° 6	17°54	27°50	15°36	29°34	22° 8	3°37	21°37	18° 7	17°28	8° 8	n.a.	W 8
T 9	16 0 4	29° 8'02	11♉13	26° 7	19° 2	28°21	15°32	29°39	22° 7	3°38	21°38	18°R 7	17°25	8°15	n.a.	T 9
F 10	16 4 1	0♊ 5'18	26°18	27° 5	20°11	28°53	15°28	29°43	22° 6	3°40	21°40	18° 7	17°22	8°21	n.a.	F 10
S 11	16 7 58	1° 2'34	11♊29	28° 0	21°19	29°26	15°25	29°48	22° 5	3°42	21°41	18° 6	17°19	8°28	n.a.	S 11
S 12	16 11 54	1°59'52	26°37	28°52	22°28	29°58	15°22	29°53	22° 3	3°44	21°43	18° 5	17°15	8°35	n.a.	S 12
M13	16 15 51	2°57'11	11♋32	29°41	23°37	0♍31	15°18	29°58	22° 2	3°46	21°44	18° 3	17°12	8°41	n.a.	M13
T 14	16 19 47	3°54'30	26° 8	0♋26	24°46	1° 4	15°15	0♌ 3	22° 1	3°48	21°46	18° 2	17° 9	8°48	n.a.	T 14
W15	16 23 44	4°51'50	10♌19	1° 8	25°55	1°37	15°13	0° 8	21°59	3°50	21°47	18° 0	17° 6	8°55	n.a.	W15
T 16	16 27 40	5°49'11	24° 4	1°46	27° 4	2°11	15°10	0°13	21°58	3°52	21°49	17°59	17° 3	9° 1	n.a.	T 16
F 17	16 31 37	6°46'32	7♍22	2°20	28°13	2°44	15° 8	0°18	21°56	3°54	21°50	17°D59	16°59	9° 8	n.a.	F 17
S 18	16 35 33	7°43'54	20°18	2°50	29°22	3°18	15° 6	0°24	21°55	3°56	21°52	17°59	16°56	9°15	n.a.	S 18
S 19	16 39 30	8°41'18	2♎52	3°15	0♏32	3°52	15° 4	0°29	21°53	3°58	21°53	18° 0	16°53	9°21	n.a.	S 19
M20	16 43 27	9°38'42	15°10	3°37	1°41	4°27	15° 2	0°34	21°52	4° 0	21°55	18° 2	16°50	9°28	n.a.	M20
T 21	16 47 23	10°36'07	27°16	3°53	2°51	5° 1	15° 0	0°40	21°50	4° 2	21°56	18° 3	16°47	9°35	n.a.	T 21
W22	16 51 20	11°33'33	9♏13	4° 5	4° 0	5°36	14°59	0°45	21°49	4° 4	21°58	18° 4	16°44	9°41	n.a.	W22
T 23	16 55 16	12°31'01	21° 4	4°11	5°10	6°11	14°57	0°51	21°47	4° 7	21°59	18°R 4	16°40	9°48	n.a.	T 23
F 24	16 59 13	13°28'30	2♐53	4°R13	6°20	6°46	14°56	0°57	21°45	4° 9	22° 1	18° 4	16°37	9°55	n.a.	F 24
S 25	17 3 9	14°26'00	14°41	4° 9	7°30	7°22	14°55	1° 2	21°44	4°11	22° 2	18° 1	16°34	10° 1	n.a.	S 25
S 26	17 7 6	15°23'31	26°31	3°59	8°40	7°57	14°54	1° 8	21°42	4°13	22° 4	17°58	16°31	10° 8	n.a.	S 26
M27	17 11 3	16°21'04	8♑26	3°45	9°50	8°33	14°54	1°14	21°40	4°15	22° 5	17°54	16°28	10°15	n.a.	M27
T 28	17 14 59	17°18'38	20°26	3°24	11° 1	9° 9	14°54	1°20	21°38	4°17	22° 7	17°49	16°25	10°21	n.a.	T 28
W29	17 18 56	18°16'14	2♒35	2°59	12°11	9°45	14°D53	1°26	21°36	4°19	22° 8	17°44	16°21	10°28	n.a.	W29
T 30	17 22 52	19♊13'52	14♒54	2♋28	13♉21	10♍21	14♎53	1♌32	21♑34	4♋21	22♉10	17♏39	16♏18	10♐35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	18n30	17s 6	4n49	24n30	1n15	1n54	2s20	14n11	0n30	5s26	1n 7	22n33	1n50	22s43	0s41	24n 8	0n15	16n59	1s33	17s34	17s30	20s17		n.a.	W 1
T 2	18 45	14 13	5 10	24 30	1 8	2 21	2 19	13 59	0 28	5 25	1 7	22 32	1 50	22 43	0 41	24 8	0 15	17 0	1 33	17 34	17 29	20 17		n.a.	T 2
F 3	19 0	10 40	5 18	24 29	1 0	2 48	2 19	13 47	0 27	5 23	1 6	22 31	1 49	22 44	0 41	24 8	0 15	17 0	1 33	17 34	17 28	20 17		n.a.	F 3
S 4	19 15	6 32	5 10	24 26	0 51	3 16	2 18	13 35	0 25	5 21	1 6	22 30	1 49	22 44	0 41	24 8	0 15	17 1	1 33	17 34	17 27	20 18		n.a.	S 4
S 5	19 29	1 58	4 45	24 22	0 43	3 43	2 18	13 23	0 23	5 20	1 6	22 29	1 49	22 44	0 41	24 7	0 15	17 1	1 33	17 34	17 26	20 18		n.a.	S 5
M 6	19 43	2n51	4 5	24 17	0 33	4 11	2 17	13 10	0 21	5 19	1 5	22 28	1 49	22 44	0 41	24 7	0 15	17 2	1 33	17 34	17 25	20 18		n.a.	M 6
T 7	19 56	7 40	3 8	24 11	0 24	4 38	2 16	12 58	0 20	5 17	1 5	22 27	1 49	22 44	0 41	24 7	0 15	17 2	1 33	17 34	17 24	20 19		n.a.	T 7
W 8	20 9	12 12	1 58	24 4	0 14	5 5	2 15	12 45	0 18	5 16	1 5	22 26	1 49	22 45	0 41	24 7	0 15	17 3	1 33	17 34	17 23	20 19		n.a.	W 8
T 9	20 22	16 6	0 38	23 55	0 3	5 33	2 14	12 33	0 17	5 15	1 5	22 25	1 49	22 45	0 41	24 7	0 15	17 3	1 33	17 34	17 22	20 19		n.a.	T 9
F 10	20 35	18 59	0s45	23 46	0s 8	6 0	2 13	12 20	0 15	5 13	1 4	22 23	1 49	22 45	0 41	24 7	0 15	17 3	1 33	17 34	17 21	20 19		n.a.	F 10
S 11	20 47	20 32	2 6	23 36	0 19	6 27	2 11	12 7	0 13	5 12	1 4	22 22	1 49	22 45	0 41	24 7	0 15	17 4	1 33	17 34	17 21	20 20		n.a.	S 11
S 12	20 59	20 35	3 18	23 25	0 30	6 55	2 10	11 54	0 12	5 11	1 4	22 21	1 49	22 45	0 41	24 7	0 15	17 4	1 33	17 34	17 20	20 20		n.a.	S 12
M13	21 10	19 11	4 15	23 13	0 42	7 22	2 9	11 40	0 10	5 10	1 3	22 20	1 48	22 46	0 41	24 7	0 15	17 5	1 33	17 33	17 19	20 20		n.a.	M13
T 14	21 22	16 33	4 54	23 1	0 54	7 49	2 7	11 27	0 9	5 9	1 3	22 19	1 48	22 46	0 41	24 7	0 15	17 5	1 33	17 33	17 18	20 20		n.a.	T 14
W15	21 32	12 59	5 14	22 49	1 7	8 16	2 6	11 13	0 7	5 9	1 3	22 18	1 48	22 46	0 41	24 7	0 15	17 6	1 32	17 32	17 17	20 20		n.a.	W15
T 16	21 43	8 50	5 15	22 36	1 19	8 43	2 4	11 0	0 6	5 8	1 3	22 16	1 48	22 46	0 41	24 7	0 15	17 6	1 32	17 32	17 16	20 21		n.a.	T 16
F 17	21 53	4 22	4 59	22 22	1 32	9 9	2 2	10 46	0 4	5 7	1 2	22 15	1 48	22 47	0 42	24 7	0 15	17 7	1 32	17 32	17 15	20 21		n.a.	F 17
S 18	22 3	0s10	4 28	22 9	1 45	9 36	2 0	10 32	0 3	5 7	1 2	22 14	1 48	22 47	0 42	24 7	0 15	17 7	1 32	17 32	17 14	20 21		n.a.	S 18
S 19	22 12	4 35	3 44	21 55	1 58	10 2	1 59	10 18	0 1	5 6	1 2	22 13	1 48	22 47	0 42	24 7	0 15	17 7	1 32	17 32	17 13	20 21		n.a.	S 19
M20	22 21	8 43	2 52	21 41	2 11	10 29	1 57	10 4	0s 0	5 6	1 1	22 11	1 48	22 48	0 42	24 7	0 15	17 8	1 32	17 33	17 12	20 22		n.a.	M20
T 21	22 29	12 27	1 52	21 28	2 24	10 55	1 55	9 50	0 2	5 5	1 1	22 10	1 48	22 48	0 42	24 7	0 15	17 8	1 32	17 33	17 11	20 22		n.a.	T 21
W22	22 38	15 37	0 49	21 14	2 37	11 21	1 53	9 36	0 3	5 5	1 1	22 9	1 48	22 48	0 42	24 7	0 15	17 9	1 32	17 34	17 10	20 22		n.a.	W22
T 23	22 45	18 7	0n16	21 1	2 50	11 47	1 51	9 21	0 5	5 5	1 1	22 7	1 48	22 48	0 42	24 7	0 15	17 9	1 32	17 34	17 10	20 22		n.a.	T 23
F 24	22 53	19 50	1 21	20 49	3 3	12 12	1 48	9 7	0 6	5 5	1 0	22 6	1 48	22 49	0 42	24 7	0 15	17 10	1 32	17 33	17 9	20 22		n.a.	F 24
S 25	23 0	20 41	2 21	20 36	3 15	12 37	1 46	8 52	0 7	5 4	1 0	22 5	1 48	22 49	0 42	24 6	0 15	17 10	1 32	17 33	17 8	20 22		n.a.	S 25
S 26	23 6	20 37	3 16	20 25	3 27	13 2	1 44	8 37	0 9	5 4	1 0	22 3	1 48	22 49	0 42	24 6	0 15	17 11	1 32	17 32	17 7	20 23		n.a.	S 26
M27	23 13	19 38	4 2	20 14	3 38	13 27	1 42	8 22	0 10	5 4	0 59	22 2	1 47	22 50	0 42	24 6	0 15	17 11	1 32	17 31	17 6	20 23		n.a.	M27
T 28	23 18	17 45	4 38	20 4	3 49	13 52	1 39	8 7	0 12	5 5	0 59	22 1	1 47	22 50	0 42	24 6	0 15	17 11	1 32	17 29	17 5	20 23		n.a.	T 28
W29	23 24	15 5	5 2	19 55	3 59	14 16	1 37	7 52	0 13	5 5	0 59	21 59	1 47	22 50	0 42	24 6	0 15	17 12	1 32	17 28	17 4	20 23		n.a.	W29
T 30	23n29	11s43	5n12	19n47	4s 7	14n40	1s34	7n37	0s14	5s 5	0n59	21n58	1n47	22s51	0s42	24n 6	0n15	17n12	1s32	17s26	17s 3	20s23		n.a.	T 30

Julian Day Number = 981212.5, Delta T = 13h13m37s
Ecliptic obliquity = 23°55'31, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'43, Lahiri = -31°53'42 Julian Calendar 1 June 2027 BCE == Greg. Calendar 15 May 2027 BCE

The year -2026 astronomical counting style corresponds to year 2027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

JULY 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 26 49	20♊11'31	27♒27	1°R52	14♉32	10♍58	14♎54	1♌38	21°R32	4♋24	22♉11	17°R36	16♏15	10♐41	n.a.	F 1
S 2	17 30 45	21° 9'12	10♓15	1♋12	15°43	11°34	14°54	1°44	21♏31	4°26	22°12	17♏34	16°12	10°48	n.a.	S 2
S 3	17 34 42	22° 6'55	23°23	0°28	16°53	12°11	14°55	1°50	21°29	4°28	22°14	17°D33	16° 9	10°55	n.a.	S 3
M 4	17 38 38	23° 4'39	6♈52	29♊41	18° 4	12°48	14°55	1°56	21°27	4°30	22°15	17°34	16° 5	11° 1	n.a.	M 4
T 5	17 42 35	24° 2'26	20°46	28°51	19°15	13°25	14°56	2° 2	21°25	4°32	22°16	17°35	16° 2	11° 8	n.a.	T 5
W 6	17 46 32	25° 0'15	5♉ 3	27°59	20°26	14° 3	14°57	2° 8	21°22	4°35	22°18	17°37	15°59	11°14	n.a.	W 6
T 7	17 50 28	25°58'05	19°43	27° 6	21°37	14°40	14°59	2°15	21°20	4°37	22°19	17°R37	15°56	11°21	n.a.	T 7
F 8	17 54 25	26°55'58	4♊40	26°14	22°49	15°18	15° 0	2°21	21°18	4°39	22°20	17°36	15°53	11°28	n.a.	F 8
S 9	17 58 21	27°53'52	19°49	25°23	24° 0	15°56	15° 2	2°28	21°16	4°41	22°22	17°33	15°50	11°34	n.a.	S 9
S 10	18 2 18	28°51'48	5♋ 0	24°34	25°11	16°34	15° 4	2°34	21°14	4°43	22°23	17°28	15°46	11°41	n.a.	S 10
M11	18 6 14	29°49'46	20° 2	23°49	26°23	17°12	15° 6	2°40	21°12	4°46	22°24	17°22	15°43	11°48	n.a.	M11
T 12	18 10 11	0♋47'46	4♌47	23° 9	27°34	17°50	15° 8	2°47	21°10	4°48	22°26	17°16	15°40	11°54	n.a.	T 12
W13	18 14 7	1°45'47	19° 7	22°33	28°46	18°29	15°10	2°53	21° 7	4°50	22°27	17°10	15°37	12° 1	n.a.	W13
T 14	18 18 4	2°43'49	2♍59	22° 4	29°58	19° 7	15°13	3° 0	21° 5	4°52	22°28	17° 5	15°34	12° 8	n.a.	T 14
F 15	18 22 1	3°41'53	16°23	21°41	1♎ 9	19°46	15°16	3° 7	21° 3	4°55	22°29	17° 1	15°31	12°14	n.a.	F 15
S 16	18 25 57	4°39'59	29°20	21°26	2°21	20°25	15°19	3°13	21° 1	4°57	22°31	17°D 0	15°27	12°21	n.a.	S 16
S 17	18 29 54	5°38'06	11♎53	21°D19	3°33	21° 4	15°22	3°20	20°58	4°59	22°32	17° 0	15°24	12°28	n.a.	S 17
M18	18 33 50	6°36'15	24° 8	21°21	4°45	21°44	15°25	3°27	20°56	5° 1	22°33	17° 1	15°21	12°34	n.a.	M18
T 19	18 37 47	7°34'25	6♏ 9	21°30	5°57	22°23	15°29	3°34	20°54	5° 3	22°34	17° 2	15°18	12°41	n.a.	T 19
W20	18 41 43	8°32'38	18° 2	21°48	7° 9	23° 2	15°32	3°40	20°51	5° 6	22°35	17°R 3	15°15	12°48	n.a.	W20
T 21	18 45 40	9°30'52	29°50	22°15	8°22	23°42	15°36	3°47	20°49	5° 8	22°37	17° 2	15°11	12°54	n.a.	T 21
F 22	18 49 36	10°29'08	11♐37	22°50	9°34	24°22	15°40	3°54	20°47	5°10	22°38	16°58	15° 8	13° 1	n.a.	F 22
S 23	18 53 33	11°27'26	23°28	23°33	10°46	25° 2	15°44	4° 1	20°44	5°12	22°39	16°53	15° 5	13° 8	n.a.	S 23
S 24	18 57 29	12°25'45	5♑24	24°24	11°59	25°42	15°48	4° 8	20°42	5°15	22°40	16°45	15° 2	13°14	n.a.	S 24
M25	19 1 26	13°24'07	17°27	25°22	13°11	26°22	15°53	4°15	20°40	5°17	22°41	16°36	14°59	13°21	n.a.	M25
T 26	19 5 23	14°22'31	29°39	26°28	14°24	27° 2	15°58	4°22	20°37	5°19	22°42	16°25	14°56	13°28	n.a.	T 26
W27	19 9 19	15°20'56	12♒ 0	27°40	15°37	27°43	16° 3	4°29	20°35	5°21	22°43	16°14	14°52	13°34	n.a.	W27
T 28	19 13 16	16°19'24	24°31	28°58	16°49	28°23	16° 8	4°36	20°32	5°23	22°44	16° 4	14°49	13°41	n.a.	T 28
F 29	19 17 12	17°17'55	7♓14	0♋22	18° 2	29° 4	16°13	4°43	20°30	5°26	22°45	15°56	14°46	13°48	n.a.	F 29
S 30	19 21 9	18°16'27	20° 9	1°51	19°15	29°45	16°18	4°50	20°28	5°28	22°46	15°50	14°43	13°54	n.a.	S 30
S 31	19 25 5	19♋15'02	3♈19	3♋24	20♊28	0♎26	16♎23	4♌57	20♑25	5♋30	22♉47	15♏47	14♏40	14♐ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n33	7s47	5n 8	19n40	4s15	15n 4	1s32	7n22	0s15	5s 5	0n58	21n56	1n47	22s51	0s42	24n 6	0n15	17n13	1s32	17s26	17s 2	20s23		n.a.
S 2	23 37	3 26	4 49	19 34	4 21	15 27	1 29	7 6	0 17	5 6	0 58	21 55	1 47	22 51	0 42	24 6	0 15	17 13	1 32	17 25	17 1	20 24		n.a.
S 3	23 41	1n12	4 14	19 30	4 26	15 50	1 27	6 51	0 18	5 6	0 58	21 54	1 47	22 52	0 42	24 6	0 15	17 13	1 32	17 25	17 0	20 24		n.a.
M 4	23 44	5 54	3 24	19 27	4 29	16 13	1 24	6 35	0 19	5 7	0 57	21 52	1 47	22 52	0 42	24 6	0 15	17 14	1 32	17 25	16 59	20 24		n.a.
T 5	23 47	10 26	2 21	19 25	4 30	16 36	1 21	6 20	0 21	5 7	0 57	21 51	1 47	22 52	0 42	24 6	0 15	17 14	1 32	17 25	16 58	20 24		n.a.
W 6	23 50	14 32	1 8	19 25	4 29	16 58	1 19	6 4	0 22	5 8	0 57	21 49	1 47	22 53	0 42	24 6	0 15	17 15	1 31	17 26	16 57	20 24		n.a.
T 7	23 52	17 50	0s11	19 27	4 27	17 19	1 16	5 48	0 23	5 9	0 57	21 48	1 47	22 53	0 42	24 6	0 15	17 15	1 31	17 26	16 56	20 24		n.a.
F 8	23 53	20 0	1 32	19 30	4 23	17 40	1 13	5 32	0 24	5 10	0 56	21 46	1 47	22 53	0 42	24 6	0 15	17 15	1 31	17 26	16 56	20 24		n.a.
S 9	23 54	20 46	2 46	19 34	4 16	18 1	1 10	5 16	0 25	5 11	0 56	21 45	1 47	22 54	0 42	24 6	0 15	17 16	1 31	17 25	16 55	20 25		n.a.
S 10	23 55	20 1	3 49	19 41	4 8	18 22	1 7	5 0	0 27	5 12	0 56	21 43	1 47	22 54	0 42	24 6	0 15	17 16	1 31	17 23	16 54	20 25		n.a.
M11	23 55	17 52	4 35	19 48	3 58	18 42	1 5	4 44	0 28	5 13	0 55	21 41	1 47	22 55	0 42	24 5	0 15	17 16	1 31	17 22	16 53	20 25		n.a.
T 12	23 55	14 34	5 2	19 58	3 47	19 1	1 2	4 28	0 29	5 14	0 55	21 40	1 47	22 55	0 42	24 5	0 15	17 17	1 31	17 20	16 52	20 25		n.a.
W13	23 55	10 30	5 9	20 9	3 34	19 20	0 59	4 11	0 30	5 15	0 55	21 38	1 47	22 55	0 42	24 5	0 15	17 17	1 31	17 18	16 51	20 25		n.a.
T 14	23 54	6 0	4 58	20 21	3 20	19 39	0 56	3 55	0 31	5 16	0 55	21 37	1 47	22 56	0 42	24 5	0 15	17 18	1 31	17 17	16 50	20 25		n.a.
F 15	23 52	1 21	4 30	20 35	3 5	19 57	0 53	3 38	0 32	5 18	0 54	21 35	1 47	22 56	0 42	24 5	0 15	17 18	1 31	17 16	16 49	20 25		n.a.
S 16	23 50	3s13	3 49	20 50	2 49	20 14	0 50	3 22	0 33	5 19	0 54	21 33	1 47	22 56	0 42	24 5	0 15	17 18	1 31	17 15	16 48	20 25		n.a.
S 17	23 48	7 31	2 58	21 6	2 32	20 31	0 47	3 5	0 34	5 21	0 54	21 32	1 47	22 57	0 42	24 5	0 15	17 19	1 31	17 15	16 47	20 25		n.a.
M18	23 45	11 24	2 1	21 23	2 15	20 48	0 44	2 48	0 36	5 22	0 53	21 30	1 47	22 57	0 42	24 5	0 15	17 19	1 31	17 15	16 46	20 25		n.a.
T 19	23 42	14 46	0 58	21 41	1 58	21 4	0 41	2 31	0 37	5 24	0 53	21 29	1 47	22 58	0 42	24 5	0 15	17 19	1 31	17 16	16 45	20 26		n.a.
W20	23 39	17 28	0n 5	21 59	1 41	21 19	0 38	2 15	0 38	5 26	0 53	21 27	1 47	22 58	0 42	24 5	0 15	17 20	1 31	17 16	16 44	20 26		n.a.
T 21	23 35	19 25	1 8	22 18	1 23	21 34	0 35	1 58	0 39	5 27	0 53	21 25	1 47	22 58	0 42	24 5	0 15	17 20	1 31	17 16	16 43	20 26		n.a.
F 22	23 30	20 31	2 8	22 37	1 6	21 48	0 32	1 41	0 40	5 29	0 52	21 24	1 47	22 59	0 42	24 5	0 15	17 20	1 31	17 15	16 42	20 26		n.a.
S 23	23 25	20 43	3 3	22 56	0 50	22 2	0 29	1 24	0 41	5 31	0 52	21 22	1 47	22 59	0 42	24 5	0 15	17 21	1 31	17 13	16 41	20 26		n.a.
S 24	23 20	19 59	3 50	23 15	0 33	22 15	0 26	1 6	0 42	5 33	0 52	21 20	1 47	22 59	0 42	24 4	0 15	17 21	1 31	17 11	16 40	20 26		n.a.
M25	23 14	18 21	4 26	23 33	0 18	22 28	0 23	0 49	0 43	5 35	0 51	21 19	1 47	23 0	0 42	24 4	0 15	17 21	1 31	17 8	16 39	20 26		n.a.
T 26	23 8	15 53	4 52	23 49	0 3	22 40	0 20	0 32	0 44	5 37	0 51	21 17	1 47	23 0	0 42	24 4	0 15	17 22	1 31	17 5	16 39	20 26		n.a.
W27	23 1	12 41	5 3	24 5	0n11	22 51	0 17	0 15	0 45	5 39	0 51	21 15	1 47	23 1	0 42	24 4	0 15	17 22	1 31	17 2	16 38	20 26		n.a.
T 28	22 54	8 54	5 1	24 19	0 24	23 1	0 14	0s 2	0 46	5 41	0 51	21 13	1 47	23 1	0 42	24 4	0 15	17 22	1 31	16 59	16 37	20 26		n.a.
F 29	22 47	4 39	4 44	24 32	0 36	23 11	0 11	0 20	0 47	5 44	0 50	21 12	1 47	23 1	0 42	24 4	0 15	17 22	1 31	16 57	16 36	20 26		n.a.
S 30	22 39	0 8	4 12	24 42	0 48	23 21	0 8	0 37	0 47	5 46	0 50	21 10	1 47	23 2	0 42	24 4	0 15	17 23	1 31	16 55	16 35	20 26		n.a.
S 31	22n31	4n29	3n26	24n51	0n58	23n29	0s 5	0s55	0s48	5s48	0n50	21n 8	1n47	23s 2	0s42	24n 4	0n15	17n23	1s31	16s54	16s34	20s26		n.a.

Julian Day Number = 981242.5, Delta T = 13h13m35s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'39, Lahiri = -31°53'38 Julian Calendar 1 July 2027 BCE == Greg. Calendar 14 June 2027 BCE

The year -2026 astronomical counting style corresponds to year 2027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

AUGUST 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 29 2	20♋13'39	16♈45	5♋ 1	21♊41	1♎ 7	16♎29	5♌ 4	20°R23	5♋32	22♉48	15°D46	14♏37	14♐ 8	n.a.	M 1
T 2	19 32 58	21°12'18	0♉29	6°41	22°54	1°48	16°35	5°11	20♑20	5°34	22°49	15♏46	14°33	14°14	n.a.	T 2
W 3	19 36 55	22°11'01	14°33	8°24	24° 7	2°29	16°41	5°18	20°18	5°36	22°50	15°R46	14°30	14°21	n.a.	W 3
T 4	19 40 51	23° 9'45	28°55	10° 9	25°20	3°11	16°47	5°25	20°16	5°39	22°51	15°46	14°27	14°28	n.a.	T 4
F 5	19 44 48	24° 8'32	13♊35	11°57	26°34	3°52	16°53	5°33	20°13	5°41	22°52	15°43	14°24	14°34	n.a.	F 5
S 6	19 48 45	25° 7'22	28°27	13°45	27°47	4°34	17° 0	5°40	20°11	5°43	22°52	15°38	14°21	14°41	n.a.	S 6
S 7	19 52 41	26° 6'14	13♋24	15°35	29° 1	5°15	17° 6	5°47	20° 8	5°45	22°53	15°30	14°17	14°48	n.a.	S 7
M 8	19 56 38	27° 5'08	28°17	17°25	0♋14	5°57	17°13	5°54	20° 6	5°47	22°54	15°20	14°14	14°54	n.a.	M 8
T 9	20 0 34	28° 4'04	12♌58	19°16	1°28	6°39	17°20	6° 1	20° 4	5°49	22°55	15° 9	14°11	15° 1	n.a.	T 9
W10	20 4 31	29° 3'02	27°19	21° 7	2°41	7°21	17°27	6° 9	20° 1	5°51	22°56	14°58	14° 8	15° 8	n.a.	W10
T 11	20 8 27	0♌ 2'02	11♍14	22°58	3°55	8° 4	17°34	6°16	19°59	5°53	22°56	14°49	14° 5	15°14	n.a.	T 11
F 12	20 12 24	1° 1'05	24°41	24°49	5° 9	8°46	17°41	6°23	19°57	5°55	22°57	14°42	14° 2	15°21	n.a.	F 12
S 13	20 16 20	2° 0'09	7♎41	26°39	6°23	9°28	17°49	6°30	19°54	5°58	22°58	14°37	13°58	15°28	n.a.	S 13
S 14	20 20 17	2°59'15	20°17	28°29	7°36	10°11	17°56	6°38	19°52	6° 0	22°58	14°35	13°55	15°34	n.a.	S 14
M15	20 24 13	3°58'23	2♏33	0♌19	8°50	10°53	18° 4	6°45	19°50	6° 2	22°59	14°D35	13°52	15°41	n.a.	M15
T 16	20 28 10	4°57'33	14°34	2° 8	10° 4	11°36	18°12	6°52	19°47	6° 4	23° 0	14°R35	13°49	15°48	n.a.	T 16
W17	20 32 7	5°56'45	26°26	3°56	11°18	12°19	18°20	6°59	19°45	6° 6	23° 0	14°34	13°46	15°54	n.a.	W17
T 18	20 36 3	6°55'59	8♐14	5°44	12°32	13° 2	18°28	7° 7	19°43	6° 8	23° 1	14°32	13°43	16° 1	n.a.	T 18
F 19	20 40 0	7°55'15	20° 3	7°30	13°46	13°45	18°36	7°14	19°41	6°10	23° 1	14°28	13°39	16° 8	n.a.	F 19
S 20	20 43 56	8°54'34	1♑57	9°16	15° 1	14°28	18°45	7°21	19°38	6°11	23° 2	14°21	13°36	16°14	n.a.	S 20
S 21	20 47 53	9°53'54	14° 0	11° 2	16°15	15°11	18°53	7°29	19°36	6°13	23° 2	14°11	13°33	16°21	n.a.	S 21
M22	20 51 49	10°53'16	26°13	12°46	17°29	15°54	19° 2	7°36	19°34	6°15	23° 3	13°58	13°30	16°28	n.a.	M22
T 23	20 55 46	11°52'40	8♒39	14°30	18°43	16°37	19°11	7°43	19°32	6°17	23° 3	13°45	13°27	16°34	n.a.	T 23
W24	20 59 42	12°52'07	21°16	16°12	19°58	17°21	19°20	7°50	19°30	6°19	23° 4	13°31	13°23	16°41	n.a.	W24
T 25	21 3 39	13°51'36	4♓ 6	17°54	21°12	18° 4	19°29	7°58	19°27	6°21	23° 4	13°18	13°20	16°48	n.a.	T 25
F 26	21 7 35	14°51'07	17° 7	19°36	22°27	18°48	19°38	8° 5	19°25	6°23	23° 5	13° 8	13°17	16°54	n.a.	F 26
S 27	21 11 32	15°50'40	0♈19	21°16	23°41	19°32	19°47	8°12	19°23	6°25	23° 5	13° 0	13°14	17° 1	n.a.	S 27
S 28	21 15 29	16°50'16	13°42	22°56	24°56	20°15	19°56	8°19	19°21	6°26	23° 5	12°55	13°11	17° 8	n.a.	S 28
M29	21 19 25	17°49'55	27°15	24°35	26°10	20°59	20° 6	8°26	19°19	6°28	23° 6	12°52	13° 8	17°14	n.a.	M29
T 30	21 23 22	18°49'35	11♉ 0	26°13	27°25	21°43	20°15	8°34	19°17	6°30	23° 6	12°52	13° 4	17°21	n.a.	T 30
W31	21 27 18	19♌49'19	24♉56	27♌51	28♋40	22♎27	20♎25	8♌41	19♑15	6♋32	23♉ 6	12♏52	13♏ 1	17♐28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	22n22	8n59	2n28	24n57	1n 7	23n37	0s 2	1s12	0s49	5s51	0n50	21n 6	1n47	23s 2	0s42	24n 4	0n15	17n23	1s31	16s53	16s33	20s26			n.a.
T 2	22 13	13 8	1 21	25 1	1 16	23 44	0n 1	1 30	0 50	5 53	0 49	21 5	1 47	23 3	0 42	24 4	0 16	17 23	1 31	16 54	16 32	20 26			n.a.
W 3	22 3	16 38	0 7	25 2	1 23	23 51	0 3	1 47	0 51	5 56	0 49	21 3	1 47	23 3	0 42	24 4	0 16	17 24	1 31	16 54	16 31	20 26			n.a.
T 4	21 53	19 12	1s 9	25 1	1 29	23 57	0 6	2 5	0 52	5 59	0 49	21 1	1 47	23 4	0 42	24 4	0 16	17 24	1 31	16 53	16 30	20 26			n.a.
F 5	21 43	20 32	2 22	24 57	1 35	24 2	0 9	2 22	0 53	6 1	0 49	20 59	1 47	23 4	0 42	24 4	0 16	17 24	1 30	16 53	16 29	20 26			n.a.
S 6	21 32	20 29	3 26	24 51	1 40	24 6	0 12	2 40	0 54	6 4	0 48	20 57	1 47	23 4	0 42	24 3	0 16	17 24	1 30	16 51	16 28	20 26			n.a.
S 7	21 21	18 59	4 16	24 42	1 43	24 10	0 15	2 58	0 54	6 7	0 48	20 56	1 47	23 5	0 42	24 3	0 16	17 25	1 30	16 49	16 27	20 26			n.a.
M 8	21 10	16 12	4 49	24 31	1 46	24 13	0 17	3 15	0 55	6 10	0 48	20 54	1 47	23 5	0 42	24 3	0 16	17 25	1 30	16 46	16 26	20 26			n.a.
T 9	20 58	12 26	5 2	24 18	1 48	24 15	0 20	3 33	0 56	6 12	0 48	20 52	1 47	23 5	0 42	24 3	0 16	17 25	1 30	16 43	16 25	20 26			n.a.
W10	20 46	8 2	4 55	24 2	1 50	24 17	0 23	3 51	0 57	6 15	0 47	20 50	1 47	23 6	0 42	24 3	0 16	17 25	1 30	16 39	16 24	20 26			n.a.
T 11	20 33	3 20	4 31	23 44	1 51	24 17	0 25	4 8	0 58	6 18	0 47	20 48	1 47	23 6	0 42	24 3	0 16	17 26	1 30	16 37	16 23	20 26			n.a.
F 12	20 20	1s23	3 52	23 25	1 51	24 17	0 28	4 26	0 58	6 22	0 47	20 47	1 47	23 6	0 42	24 3	0 16	17 26	1 30	16 34	16 22	20 26			n.a.
S 13	20 7	5 54	3 2	23 3	1 50	24 17	0 31	4 44	0 59	6 25	0 47	20 45	1 47	23 7	0 42	24 3	0 16	17 26	1 30	16 33	16 21	20 26			n.a.
S 14	19 53	10 0	2 5	22 39	1 49	24 15	0 33	5 2	1 0	6 28	0 46	20 43	1 47	23 7	0 42	24 3	0 16	17 26	1 30	16 32	16 20	20 26			n.a.
M15	19 39	13 36	1 3	22 14	1 47	24 13	0 36	5 19	1 1	6 31	0 46	20 41	1 47	23 7	0 42	24 3	0 16	17 26	1 30	16 32	16 19	20 26			n.a.
T 16	19 25	16 32	0 0	21 48	1 45	24 10	0 38	5 37	1 1	6 34	0 46	20 39	1 47	23 8	0 42	24 3	0 16	17 27	1 30	16 32	16 18	20 26			n.a.
W17	19 10	18 44	1n 2	21 19	1 43	24 6	0 40	5 55	1 2	6 38	0 46	20 37	1 47	23 8	0 42	24 3	0 16	17 27	1 30	16 32	16 17	20 26			n.a.
T 18	18 55	20 7	2 2	20 50	1 40	24 2	0 43	6 12	1 3	6 41	0 45	20 36	1 47	23 8	0 42	24 3	0 16	17 27	1 30	16 31	16 16	20 26			n.a.
F 19	18 39	20 37	2 56	20 19	1 36	23 57	0 45	6 30	1 4	6 44	0 45	20 34	1 47	23 9	0 42	24 2	0 16	17 27	1 30	16 30	16 15	20 26			n.a.
S 20	18 24	20 12	3 43	19 47	1 33	23 51	0 47	6 48	1 4	6 48	0 45	20 32	1 47	23 9	0 42	24 2	0 16	17 27	1 30	16 28	16 14	20 26			n.a.
S 21	18 8	18 52	4 20	19 14	1 29	23 44	0 50	7 5	1 5	6 51	0 45	20 30	1 47	23 9	0 42	24 2	0 16	17 27	1 30	16 25	16 14	20 26			n.a.
M22	17 51	16 39	4 46	18 40	1 24	23 37	0 52	7 23	1 6	6 55	0 45	20 28	1 47	23 10	0 42	24 2	0 16	17 28	1 30	16 21	16 13	20 26			n.a.
T 23	17 34	13 40	4 59	18 5	1 19	23 29	0 54	7 41	1 6	6 58	0 44	20 26	1 47	23 10	0 42	24 2	0 16	17 28	1 30	16 17	16 12	20 26			n.a.
W24	17 17	10 1	4 57	17 29	1 15	23 20	0 56	7 58	1 7	7 2	0 44	20 24	1 48	23 10	0 42	24 2	0 16	17 28	1 30	16 13	16 11	20 26			n.a.
T 25	17 0	5 51	4 41	16 52	1 9	23 10	0 58	8 16	1 7	7 6	0 44	20 23	1 48	23 11	0 42	24 2	0 16	17 28	1 30	16 9	16 10	20 26			n.a.
F 26	16 42	1 22	4 10	16 15	1 4	23 0	1 0	8 33	1 8	7 10	0 44	20 21	1 48	23 11	0 42	24 2	0 16	17 28	1 30	16 6	16 9	20 26			n.a.
S 27	16 25	3n15	3 25	15 37	0 58	22 49	1 2	8 51	1 9	7 13	0 43	20 19	1 48	23 11	0 42	24 2	0 16	17 28	1 30	16 3	16 8	20 25			n.a.
S 28	16 6	7 46	2 28	14 59	0 53	22 37	1 4	9 8	1 9	7 17	0 43	20 17	1 48	23 12	0 42	24 2	0 16	17 28	1 30	16 2	16 7	20 25			n.a.
M29	15 48	11 58	1 22	14 20	0 47	22 25	1 5	9 26	1 10	7 21	0 43	20 15	1 48	23 12	0 42	24 2	0 16	17 28	1 30	16 1	16 6	20 25			n.a.
T 30	15 29	15 35	0 10	13 40	0 41	22 12	1 7	9 43	1 10	7 25	0 43	20 13	1 48	23 12	0 42	24 2	0 16	17 29	1 30	16 1	16 5	20 25			n.a.
W31	15n10	18n22	1s 3	13n 0	0n34	21n58	1n 9	10s 0	1s11	7s29	0n43	20n11	1n48	23s12	0s42	24n 2	0n16	17n29	1s30	16s 1	16s 4	20s25			n.a.

Julian Day Number = 981273.5, Delta T = 13h13m32s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'35, Lahiri = -31°53'34 Julian Calendar 1 Aug. 2027 BCE == Greg. Calendar 15 July 2027 BCE

The year -2026 astronomical counting style corresponds to year 2027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

SEPTEMBER 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 31 15	20♌49'05	9♊ 5	29♌28	29♋55	23♎11	20♎35	8♌48	19°R13	6♋33	23♉ 7	12°R51	12♏58	17♐34	n.a.	T 1
F 2	21 35 11	21°48'53	23°25	1♍ 4	1♌ 9	23°55	20°45	8°55	19♑11	6°35	23° 7	12♏48	12°55	17°41	n.a.	F 2
S 3	21 39 8	22°48'44	7♋54	2°40	2°24	24°39	20°55	9° 2	19° 9	6°37	23° 7	12°43	12°52	17°48	n.a.	S 3
S 4	21 43 4	23°48'37	22°26	4°15	3°39	25°24	21° 5	9° 9	19° 8	6°38	23° 7	12°34	12°49	17°54	n.a.	S 4
M 5	21 47 1	24°48'33	6♌57	5°49	4°54	26° 8	21°15	9°17	19° 6	6°40	23° 7	12°23	12°45	18° 1	n.a.	M 5
T 6	21 50 58	25°48'30	21°19	7°23	6° 9	26°52	21°26	9°24	19° 4	6°42	23° 7	12°12	12°42	18° 8	n.a.	T 6
W 7	21 54 54	26°48'30	5♍26	8°56	7°24	27°37	21°36	9°31	19° 2	6°43	23° 8	12° 0	12°39	18°14	n.a.	W 7
T 8	21 58 51	27°48'32	19°13	10°28	8°39	28°22	21°47	9°38	19° 0	6°45	23° 8	11°49	12°36	18°21	n.a.	T 8
F 9	22 2 47	28°48'35	2♎36	12° 0	9°54	29° 6	21°57	9°45	18°59	6°46	23° 8	11°41	12°33	18°28	n.a.	F 9
S 10	22 6 44	29°48'41	15°35	13°32	11° 9	29°51	22° 8	9°52	18°57	6°48	23° 8	11°36	12°29	18°35	n.a.	S 10
S 11	22 10 40	0♍48'48	28°12	15° 3	12°24	0♏36	22°19	9°59	18°56	6°49	23°R 8	11°33	12°26	18°41	n.a.	S 11
M12	22 14 37	1°48'58	10♏29	16°33	13°39	1°21	22°30	10° 6	18°54	6°51	23° 8	11°D32	12°23	18°48	n.a.	M12
T 13	22 18 33	2°49'09	22°31	18° 3	14°55	2° 5	22°41	10°13	18°52	6°52	23° 8	11°32	12°20	18°55	n.a.	T 13
W14	22 22 30	3°49'22	4♐24	19°32	16°10	2°50	22°52	10°19	18°51	6°54	23° 8	11°R33	12°17	19° 1	n.a.	W14
T 15	22 26 26	4°49'36	16°14	21° 0	17°25	3°35	23° 3	10°26	18°49	6°55	23° 7	11°32	12°14	19° 8	n.a.	T 15
F 16	22 30 23	5°49'53	28° 4	22°28	18°40	4°20	23°15	10°33	18°48	6°56	23° 7	11°29	12°10	19°15	n.a.	F 16
S 17	22 34 19	6°50'11	10♑ 1	23°56	19°56	5° 6	23°26	10°40	18°47	6°58	23° 7	11°24	12° 7	19°21	n.a.	S 17
S 18	22 38 16	7°50'31	22° 8	25°22	21°11	5°51	23°38	10°47	18°45	6°59	23° 7	11°17	12° 4	19°28	n.a.	S 18
M19	22 42 13	8°50'52	4♒30	26°48	22°26	6°36	23°49	10°53	18°44	7° 0	23° 7	11° 7	12° 1	19°35	n.a.	M19
T 20	22 46 9	9°51'15	17° 7	28°14	23°42	7°21	24° 1	11° 0	18°43	7° 2	23° 7	10°56	11°58	19°41	n.a.	T 20
W21	22 50 6	10°51'40	0♓ 1	29°38	24°57	8° 7	24°13	11° 7	18°42	7° 3	23° 6	10°45	11°54	19°48	n.a.	W21
T 22	22 54 2	11°52'07	13°10	1♎ 2	26°13	8°52	24°24	11°13	18°40	7° 4	23° 6	10°34	11°51	19°55	n.a.	T 22
F 23	22 57 59	12°52'35	26°35	2°25	27°28	9°37	24°36	11°20	18°39	7° 5	23° 6	10°26	11°48	20° 1	n.a.	F 23
S 24	23 1 55	13°53'05	10♈11	3°47	28°43	10°23	24°48	11°26	18°38	7° 6	23° 6	10°19	11°45	20° 8	n.a.	S 24
S 25	23 5 52	14°53'38	23°57	5° 9	29°59	11° 8	25° 0	11°33	18°37	7° 7	23° 5	10°16	11°42	20°15	n.a.	S 25
M26	23 9 48	15°54'12	7♉50	6°29	1♍14	11°54	25°12	11°39	18°36	7° 8	23° 5	10°D15	11°39	20°21	n.a.	M26
T 27	23 13 45	16°54'48	21°49	7°48	2°30	12°40	25°24	11°46	18°35	7° 9	23° 4	10°15	11°35	20°28	n.a.	T 27
W28	23 17 42	17°55'26	5♊52	9° 5	3°45	13°25	25°37	11°52	18°34	7°10	23° 4	10°16	11°32	20°35	n.a.	W28
T 29	23 21 38	18°56'07	19°59	10°21	5° 1	14°11	25°49	11°58	18°34	7°11	23° 4	10°R17	11°29	20°41	n.a.	T 29
F 30	23 25 35	19♍56'49	4♋ 7	11♎35	6♍17	14♏57	26♎ 1	12♌ 5	18♑33	7♋12	23♉ 3	10♏16	11♏26	20♐48	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n51	20n 3	2s14	12n20	0n28	21n44	1n10	10s17	1s11	7s33	0n42	20n10	1n48	23s13	0s42	24n 2	0n16	17n29	1s30	16s 1	16s 3	20s25		n.a.
F 2	14 31	20 29	3 17	11 39	0 22	21 28	1 12	10 35	1 12	7 37	0 42	20 8	1 48	23 13	0 42	24 1	0 16	17 29	1 30	16 0	16 2	20 25		n.a.
S 3	14 11	19 34	4 8	10 58	0 15	21 13	1 13	10 52	1 13	7 41	0 42	20 6	1 48	23 13	0 42	24 1	0 16	17 29	1 30	15 58	16 1	20 25		n.a.
S 4	13 51	17 22	4 43	10 17	0 9	20 56	1 15	11 9	1 13	7 45	0 42	20 4	1 48	23 13	0 42	24 1	0 16	17 29	1 30	15 55	16 0	20 25		n.a.
M 5	13 31	14 5	5 0	9 36	0 2	20 39	1 16	11 26	1 14	7 49	0 42	20 2	1 49	23 14	0 42	24 1	0 16	17 29	1 30	15 52	15 59	20 25		n.a.
T 6	13 10	10 0	4 57	8 54	0s 5	20 22	1 17	11 43	1 14	7 53	0 41	20 0	1 49	23 14	0 42	24 1	0 16	17 29	1 30	15 48	15 58	20 24		n.a.
W 7	12 50	5 25	4 37	8 12	0 12	20 4	1 19	11 59	1 14	7 57	0 41	19 59	1 49	23 14	0 42	24 1	0 16	17 29	1 30	15 45	15 57	20 24		n.a.
T 8	12 29	0 41	4 0	7 31	0 18	19 45	1 20	12 16	1 15	8 1	0 41	19 57	1 49	23 14	0 42	24 1	0 16	17 29	1 30	15 41	15 56	20 24		n.a.
F 9	12 7	3s58	3 11	6 49	0 25	19 25	1 21	12 33	1 15	8 6	0 41	19 55	1 49	23 15	0 42	24 1	0 16	17 29	1 30	15 39	15 55	20 24		n.a.
S 10	11 46	8 18	2 13	6 7	0 32	19 5	1 22	12 49	1 16	8 10	0 41	19 53	1 49	23 15	0 42	24 1	0 16	17 29	1 30	15 37	15 54	20 24		n.a.
S 11	11 24	12 8	1 10	5 25	0 39	18 45	1 23	13 6	1 16	8 14	0 40	19 51	1 49	23 15	0 42	24 1	0 16	17 29	1 30	15 36	15 53	20 24		n.a.
M12	11 3	15 21	0 6	4 43	0 45	18 24	1 24	13 22	1 17	8 18	0 40	19 49	1 49	23 15	0 42	24 1	0 16	17 29	1 30	15 36	15 52	20 24		n.a.
T 13	10 41	17 50	0n58	4 1	0 52	18 2	1 24	13 39	1 17	8 23	0 40	19 48	1 49	23 15	0 42	24 1	0 16	17 29	1 29	15 36	15 51	20 23		n.a.
W14	10 18	19 31	1 59	3 20	0 59	17 40	1 25	13 55	1 17	8 27	0 40	19 46	1 50	23 16	0 42	24 1	0 16	17 29	1 29	15 36	15 50	20 23		n.a.
T 15	9 56	20 19	2 54	2 38	1 6	17 17	1 26	14 11	1 18	8 32	0 40	19 44	1 50	23 16	0 42	24 1	0 16	17 29	1 29	15 36	15 49	20 23		n.a.
F 16	9 33	20 13	3 42	1 57	1 12	16 54	1 27	14 27	1 18	8 36	0 39	19 42	1 50	23 16	0 42	24 1	0 16	17 29	1 29	15 35	15 48	20 23		n.a.
S 17	9 11	19 13	4 20	1 16	1 19	16 30	1 27	14 43	1 19	8 41	0 39	19 41	1 50	23 16	0 42	24 1	0 16	17 29	1 29	15 34	15 47	20 23		n.a.
S 18	8 48	17 20	4 47	0 35	1 25	16 6	1 28	14 59	1 19	8 45	0 39	19 39	1 50	23 16	0 42	24 1	0 16	17 29	1 29	15 31	15 46	20 23		n.a.
M19	8 25	14 39	5 2	0s 6	1 31	15 42	1 28	15 14	1 19	8 50	0 39	19 37	1 50	23 17	0 42	24 0	0 16	17 29	1 29	15 28	15 45	20 22		n.a.
T 20	8 2	11 14	5 2	0 46	1 37	15 17	1 28	15 30	1 20	8 54	0 39	19 35	1 50	23 17	0 42	24 0	0 16	17 29	1 29	15 25	15 44	20 22		n.a.
W21	7 38	7 13	4 47	1 26	1 43	14 51	1 29	15 45	1 20	8 59	0 39	19 33	1 51	23 17	0 42	24 0	0 16	17 29	1 29	15 21	15 43	20 22		n.a.
T 22	7 15	2 48	4 17	2 5	1 49	14 25	1 29	16 0	1 20	9 3	0 38	19 32	1 51	23 17	0 42	24 0	0 16	17 29	1 29	15 18	15 42	20 22		n.a.
F 23	6 51	1n50	3 32	2 44	1 55	13 59	1 29	16 16	1 21	9 8	0 38	19 30	1 51	23 17	0 42	24 0	0 16	17 29	1 29	15 15	15 41	20 22		n.a.
S 24	6 28	6 28	2 34	3 22	2 0	13 32	1 29	16 31	1 21	9 12	0 38	19 28	1 51	23 17	0 42	24 0	0 16	17 29	1 29	15 13	15 40	20 22		n.a.
S 25	6 4	10 49	1 26	4 0	2 6	13 5	1 29	16 45	1 21	9 17	0 38	19 27	1 51	23 17	0 42	24 0	0 17	17 29	1 29	15 12	15 39	20 21		n.a.
M26	5 40	14 37	0 13	4 37	2 10	12 38	1 29	17 0	1 21	9 22	0 38	19 25	1 51	23 17	0 42	24 0	0 17	17 29	1 29	15 11	15 38	20 21		n.a.
T 27	5 16	17 36	1s 2	5 13	2 15	12 10	1 29	17 15	1 22	9 26	0 38	19 23	1 51	23 18	0 42	24 0	0 17	17 29	1 29	15 11	15 37	20 21		n.a.
W28	4 52	19 32	2 13	5 48	2 20	11 42	1 28	17 29	1 22	9 31	0 37	19 22	1 52	23 18	0 42	24 0	0 17	17 29	1 29	15 12	15 36	20 21		n.a.
T 29	4 28	20 16	3 17	6 22	2 24	11 14	1 28	17 43	1 22	9 36	0 37	19 20	1 52	23 18	0 42	24 0	0 17	17 29	1 29	15 12	15 35	20 20		n.a.
F 30	4n 4	19n43	4s 9	6s55	2s27	10n45	1n28	17s57	1s22	9s40	0n37	19n18	1n52	23s18	0s42	24n 0	0n17	17n29	1s29	15s12	15s34	20s20		n.a.

Julian Day Number = 981304.5, Delta T = 13h13m30s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'30, Lahiri = -31°53'30 Julian Calendar 1 Sept. 2027 BCE == Greg. Calendar 15 Aug. 2027 BCE

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

OCTOBER 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 29 31	20♍57'33	18♋16	12♎48	7♍32	15♏43	26♎14	12♌11	18°R32	7♋13	23°R 3	10°R12	11♏23	20♐55	n.a.	S 1
S 2	23 33 28	21°58'19	2♌23	13°58	8°48	16°28	26°26	12°17	18♑31	7°14	23♉ 2	10♏ 7	11°20	21° 1	n.a.	S 2
M 3	23 37 24	22°59'07	16°26	15° 6	10° 3	17°14	26°39	12°23	18°31	7°15	23° 2	10° 0	11°16	21° 8	n.a.	M 3
T 4	23 41 21	23°59'56	0♍20	16°12	11°19	18° 0	26°51	12°29	18°30	7°16	23° 1	9°52	11°13	21°15	n.a.	T 4
W 5	23 45 17	25° 0'47	14° 2	17°14	12°35	18°46	27° 4	12°35	18°29	7°17	23° 1	9°44	11°10	21°21	n.a.	W 5
T 6	23 49 14	26° 1'40	27°29	18°13	13°50	19°32	27°17	12°41	18°29	7°17	23° 0	9°37	11° 7	21°28	n.a.	T 6
F 7	23 53 10	27° 2'34	10♎37	19° 8	15° 6	20°18	27°30	12°47	18°28	7°18	22°59	9°32	11° 4	21°35	n.a.	F 7
S 8	23 57 7	28° 3'29	23°27	19°58	16°22	21° 4	27°43	12°53	18°28	7°19	22°59	9°28	11° 0	21°41	n.a.	S 8
S 9	0 1 4	29° 4'26	5♏59	20°44	17°37	21°50	27°55	12°59	18°28	7°19	22°58	9°D27	10°57	21°48	n.a.	S 9
M10	0 5 0	0♎ 5'24	18°15	21°24	18°53	22°36	28° 8	13° 4	18°27	7°20	22°57	9°27	10°54	21°55	n.a.	M10
T 11	0 8 57	1° 6'23	0♐17	21°57	20° 9	23°23	28°21	13°10	18°27	7°20	22°57	9°29	10°51	22° 1	n.a.	T 11
W12	0 12 53	2° 7'23	12°11	22°23	21°24	24° 9	28°34	13°16	18°27	7°21	22°56	9°30	10°48	22° 8	n.a.	W12
T 13	0 16 50	3° 8'24	24° 1	22°42	22°40	24°55	28°48	13°21	18°27	7°21	22°55	9°32	10°45	22°15	n.a.	T 13
F 14	0 20 46	4° 9'26	5♑51	22°52	23°56	25°41	29° 1	13°27	18°27	7°22	22°54	9°R32	10°41	22°21	n.a.	F 14
S 15	0 24 43	5°10'29	17°48	22°R52	25°11	26°27	29°14	13°32	18°D27	7°22	22°54	9°31	10°38	22°28	n.a.	S 15
S 16	0 28 39	6°11'33	29°56	22°42	26°27	27°14	29°27	13°37	18°27	7°23	22°53	9°29	10°35	22°35	n.a.	S 16
M17	0 32 36	7°12'37	12♒19	22°21	27°43	28° 0	29°40	13°43	18°27	7°23	22°52	9°25	10°32	22°42	n.a.	M17
T 18	0 36 33	8°13'43	25° 1	21°50	28°58	28°46	29°54	13°48	18°27	7°24	22°51	9°20	10°29	22°48	n.a.	T 18
W19	0 40 29	9°14'49	8♓ 4	21° 7	0♎14	29°33	0♏ 7	13°53	18°27	7°24	22°50	9°15	10°25	22°55	n.a.	W19
T 20	0 44 26	10°15'56	21°28	20°13	1°30	0♐19	0°21	13°58	18°27	7°24	22°49	9°10	10°22	23° 2	n.a.	T 20
F 21	0 48 22	11°17'04	5♈11	19°10	2°45	1° 5	0°34	14° 3	18°27	7°24	22°49	9° 6	10°19	23° 8	n.a.	F 21
S 22	0 52 19	12°18'12	19°12	17°58	4° 1	1°52	0°47	14° 8	18°28	7°25	22°48	9° 3	10°16	23°15	n.a.	S 22
S 23	0 56 15	13°19'22	3♉26	16°40	5°17	2°38	1° 1	14°13	18°28	7°25	22°47	9°D 2	10°13	23°22	n.a.	S 23
M24	1 0 12	14°20'33	17°48	15°18	6°33	3°24	1°14	14°18	18°28	7°25	22°46	9° 2	10°10	23°28	n.a.	M24
T 25	1 4 8	15°21'45	2♊13	13°55	7°48	4°11	1°28	14°22	18°29	7°25	22°45	9° 3	10° 6	23°35	n.a.	T 25
W26	1 8 5	16°22'57	16°37	12°34	9° 4	4°57	1°42	14°27	18°29	7°25	22°44	9° 5	10° 3	23°42	n.a.	W26
T 27	1 12 2	17°24'11	0♋56	11°18	10°20	5°44	1°55	14°32	18°30	7°R25	22°43	9° 6	10° 0	23°48	n.a.	T 27
F 28	1 15 58	18°25'26	15° 7	10° 8	11°35	6°30	2° 9	14°36	18°31	7°25	22°42	9°R 7	9°57	23°55	n.a.	F 28
S 29	1 19 55	19°26'42	29° 9	9° 6	12°51	7°17	2°23	14°40	18°31	7°25	22°41	9° 6	9°54	24° 2	n.a.	S 29
S 30	1 23 51	20°27'58	13♌ 0	8°15	14° 7	8° 3	2°36	14°45	18°32	7°25	22°40	9° 5	9°51	24° 8	n.a.	S 30
M31	1 27 48	21♎29'16	26♌39	7♎34	15♎22	8♐50	2♏50	14♌49	18♑33	7♋25	22♉39	9♏ 3	9♏47	24♐15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n39	17n56	4s46	7s27	2s30	10n16	1n27	18s11	1s23	9s45	0n37	19n17	1n52	23s18	0s42	24n 0	0n17	17n29	1s29	15s11	15s33	20s20		n.a.
S 2	3 15	15 5	5 5	7 58	2 33	9 46	1 27	18 25	1 23	9 50	0 37	19 15	1 52	23 18	0 41	24 0	0 17	17 28	1 29	15 9	15 32	20 20		n.a.
M 3	2 50	11 22	5 6	8 27	2 36	9 17	1 26	18 39	1 23	9 55	0 37	19 13	1 52	23 18	0 41	24 0	0 17	17 28	1 29	15 7	15 31	20 20		n.a.
T 4	2 26	7 5	4 49	8 54	2 37	8 47	1 26	18 52	1 23	10 0	0 36	19 12	1 53	23 18	0 41	24 0	0 17	17 28	1 29	15 4	15 30	20 19		n.a.
W 5	2 1	2 30	4 15	9 20	2 38	8 17	1 25	19 5	1 23	10 4	0 36	19 10	1 53	23 18	0 41	24 0	0 17	17 28	1 29	15 2	15 29	20 19		n.a.
T 6	1 37	2s 8	3 28	9 43	2 39	7 46	1 24	19 18	1 23	10 9	0 36	19 9	1 53	23 18	0 41	24 0	0 17	17 28	1 29	14 59	15 28	20 19		n.a.
F 7	1 12	6 35	2 30	10 4	2 38	7 16	1 24	19 31	1 24	10 14	0 36	19 7	1 53	23 18	0 41	24 0	0 17	17 28	1 29	14 57	15 27	20 19		n.a.
S 8	0 47	10 37	1 26	10 23	2 37	6 45	1 23	19 44	1 24	10 19	0 36	19 6	1 53	23 18	0 41	24 0	0 17	17 28	1 29	14 56	15 26	20 18		n.a.
S 9	0 23	14 5	0 19	10 38	2 35	6 14	1 22	19 57	1 24	10 24	0 36	19 4	1 53	23 18	0 41	24 0	0 17	17 28	1 29	14 56	15 25	20 18		n.a.
M10	0s 2	16 51	0n48	10 51	2 32	5 43	1 21	20 9	1 24	10 28	0 36	19 3	1 54	23 18	0 41	24 0	0 17	17 27	1 29	14 56	15 24	20 18		n.a.
T 11	0 27	18 49	1 51	11 0	2 28	5 12	1 20	20 21	1 24	10 33	0 35	19 1	1 54	23 18	0 41	24 0	0 17	17 27	1 29	14 56	15 23	20 18		n.a.
W12	0 52	19 55	2 49	11 5	2 22	4 41	1 19	20 33	1 24	10 38	0 35	19 0	1 54	23 18	0 41	24 0	0 17	17 27	1 29	14 57	15 22	20 17		n.a.
T 13	1 16	20 8	3 39	11 5	2 15	4 9	1 18	20 45	1 24	10 43	0 35	18 58	1 54	23 18	0 41	24 0	0 17	17 27	1 29	14 58	15 21	20 17		n.a.
F 14	1 41	19 27	4 20	11 1	2 7	3 37	1 16	20 56	1 24	10 48	0 35	18 57	1 54	23 18	0 41	24 0	0 17	17 27	1 29	14 58	15 20	20 17		n.a.
S 15	2 6	17 55	4 51	10 52	1 57	3 6	1 15	21 7	1 24	10 53	0 35	18 55	1 55	23 18	0 41	24 0	0 17	17 27	1 29	14 57	15 19	20 16		n.a.
S 16	2 30	15 33	5 8	10 38	1 45	2 34	1 14	21 18	1 25	10 58	0 35	18 54	1 55	23 18	0 41	24 0	0 17	17 26	1 29	14 57	15 18	20 16		n.a.
M17	2 55	12 28	5 12	10 18	1 32	2 2	1 12	21 29	1 25	11 3	0 35	18 53	1 55	23 18	0 41	24 0	0 17	17 26	1 28	14 55	15 17	20 16		n.a.
T 18	3 20	8 43	5 1	9 52	1 17	1 30	1 11	21 40	1 25	11 8	0 34	18 51	1 55	23 18	0 41	24 0	0 17	17 26	1 28	14 54	15 16	20 16		n.a.
W19	3 44	4 29	4 34	9 20	1 1	0 58	1 9	21 50	1 25	11 12	0 34	18 50	1 55	23 18	0 41	24 0	0 17	17 26	1 28	14 52	15 15	20 15		n.a.
T 20	4 9	0n 5	3 52	8 43	0 43	0 26	1 8	22 0	1 25	11 17	0 34	18 49	1 56	23 18	0 41	24 0	0 17	17 26	1 28	14 50	15 14	20 15		n.a.
F 21	4 33	4 46	2 55	8 1	0 24	0s 6	1 6	22 10	1 25	11 22	0 34	18 47	1 56	23 18	0 41	24 0	0 17	17 26	1 28	14 49	15 13	20 15		n.a.
S 22	4 57	9 19	1 47	7 15	0 4	0 39	1 5	22 20	1 25	11 27	0 34	18 46	1 56	23 18	0 41	24 0	0 17	17 25	1 28	14 48	15 12	20 14		n.a.
S 23	5 22	13 24	0 31	6 25	0n17	1 11	1 3	22 30	1 25	11 32	0 34	18 45	1 56	23 18	0 41	24 0	0 17	17 25	1 28	14 48	15 11	20 14		n.a.
M24	5 46	16 43	0s48	5 34	0 37	1 43	1 1	22 39	1 25	11 37	0 34	18 44	1 57	23 18	0 41	24 0	0 17	17 25	1 28	14 48	15 10	20 14		n.a.
T 25	6 10	19 0	2 4	4 43	0 58	2 15	1 0	22 48	1 25	11 42	0 34	18 42	1 57	23 18	0 41	24 0	0 17	17 25	1 28	14 48	15 9	20 13		n.a.
W26	6 34	20 3	3 13	3 53	1 17	2 47	0 58	22 57	1 25	11 47	0 33	18 41	1 57	23 18	0 41	24 0	0 17	17 25	1 28	14 49	15 8	20 13		n.a.
T 27	6 58	19 47	4 8	3 7	1 34	3 19	0 56	23 5	1 25	11 52	0 33	18 40	1 57	23 17	0 41	24 0	0 17	17 24	1 28	14 49	15 7	20 13		n.a.
F 28	7 22	18 16	4 49	2 24	1 50	3 51	0 54	23 13	1 25	11 57	0 33	18 39	1 57	23 17	0 41	24 0	0 17	17 24	1 28	14 49	15 6	20 13		n.a.
S 29	7 46	15 40	5 11	1 47	2 4	4 23	0 52	23 21	1 24	12 2	0 33	18 38	1 58	23 17	0 41	24 0	0 17	17 24	1 28	14 49	15 5	20 12		n.a.
S 30	8 9	12 13	5 15	1 15	2 16	4 54	0 50	23 29	1 24	12 6	0 33	18 37	1 58	23 17	0 41	24 0	0 17	17 24	1 28	14 49	15 4	20 12		n.a.
M31	8s33	8n10	5s 1	0s50	2n26	5s26	0n48	23s36	1s24	12s11	0n33	18n36	1n58	23s17	0s41	24n 0	0n17	17n23	1s28	14s48	15s 3	20s12		n.a.

Julian Day Number = 981334.5, Delta T = 13h13m28s
Ecliptic obliquity = 23°55'31, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'26, Lahiri = -31°53'26 Julian Calendar 1 Oct. 2027 BCE == Greg. Calendar 14 Sept. 2027 BCE

The year -2026 astronomical counting style corresponds to year 2027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

NOVEMBER 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 31 44	22♎30'34	10♍ 7	7°R 5	16♎38	9♐36	3♏ 4	14♌53	18♑34	7°R25	22°R38	9°R 1	9♏44	24♐22	n.a.	T 1
W 2	1 35 41	23°31'53	23°21	6♎47	17°54	10°23	3°17	14°57	18°35	7♋24	22♉37	8♏58	9°41	24°28	n.a.	W 2
T 3	1 39 38	24°33'12	6♎22	6°D39	19° 9	11° 9	3°31	15° 1	18°35	7°24	22°35	8°56	9°38	24°35	n.a.	T 3
F 4	1 43 34	25°34'32	19°10	6°41	20°25	11°56	3°45	15° 5	18°36	7°24	22°34	8°55	9°35	24°42	n.a.	F 4
S 5	1 47 31	26°35'52	1♏43	6°53	21°41	12°42	3°59	15° 9	18°37	7°24	22°33	8°54	9°31	24°49	n.a.	S 5
S 6	1 51 27	27°37'13	14° 4	7°14	22°56	13°29	4°13	15°12	18°39	7°23	22°32	8°D54	9°28	24°55	n.a.	S 6
M 7	1 55 24	28°38'34	26°14	7°42	24°12	14°15	4°27	15°16	18°40	7°23	22°31	8°54	9°25	25° 2	n.a.	M 7
T 8	1 59 20	29°39'55	8♐13	8°17	25°27	15° 2	4°40	15°20	18°41	7°23	22°30	8°55	9°22	25° 9	n.a.	T 8
W 9	2 3 17	0♏41'16	20° 6	8°58	26°43	15°48	4°54	15°23	18°42	7°22	22°29	8°56	9°19	25°15	n.a.	W 9
T 10	2 7 13	1°42'37	1♑56	9°45	27°59	16°35	5° 8	15°26	18°43	7°22	22°27	8°57	9°16	25°22	n.a.	T 10
F 11	2 11 10	2°43'58	13°46	10°37	29°14	17°21	5°22	15°30	18°45	7°21	22°26	8°58	9°12	25°29	n.a.	F 11
S 12	2 15 7	3°45'19	25°41	11°33	0♏30	18° 8	5°36	15°33	18°46	7°21	22°25	8°58	9° 9	25°35	n.a.	S 12
S 13	2 19 3	4°46'39	7♒46	12°32	1°45	18°54	5°50	15°36	18°47	7°20	22°24	8°R58	9° 6	25°42	n.a.	S 13
M14	2 23 0	5°47'59	20° 6	13°36	3° 1	19°41	6° 4	15°39	18°49	7°20	22°23	8°58	9° 3	25°49	n.a.	M14
T 15	2 26 56	6°49'19	2♓45	14°42	4°17	20°27	6°18	15°42	18°50	7°19	22°21	8°58	9° 0	25°55	n.a.	T 15
W16	2 30 53	7°50'38	15°46	15°51	5°32	21°14	6°31	15°45	18°52	7°18	22°20	8°58	8°56	26° 2	n.a.	W16
T 17	2 34 49	8°51'57	29°12	17° 2	6°48	22° 0	6°45	15°47	18°54	7°18	22°19	8°D58	8°53	26° 9	n.a.	T 17
F 18	2 38 46	9°53'16	13♈ 3	18°15	8° 3	22°47	6°59	15°50	18°55	7°17	22°18	8°58	8°50	26°15	n.a.	F 18
S 19	2 42 43	10°54'34	27°18	19°30	9°19	23°33	7°13	15°52	18°57	7°16	22°17	8°58	8°47	26°22	n.a.	S 19
S 20	2 46 39	11°55'52	11♉52	20°47	10°34	24°20	7°27	15°55	18°59	7°15	22°15	8°R58	8°44	26°29	n.a.	S 20
M21	2 50 36	12°57'10	26°41	22° 6	11°49	25° 6	7°41	15°57	19° 0	7°15	22°14	8°58	8°41	26°36	n.a.	M21
T 22	2 54 32	13°58'27	11♊35	23°25	13° 5	25°53	7°55	15°59	19° 2	7°14	22°13	8°57	8°37	26°42	n.a.	T 22
W23	2 58 29	14°59'45	26°27	24°46	14°20	26°39	8° 9	16° 1	19° 4	7°13	22°11	8°57	8°34	26°49	n.a.	W23
T 24	3 2 25	16° 1'02	11♋ 9	26° 8	15°36	27°25	8°22	16° 3	19° 6	7°12	22°10	8°56	8°31	26°56	n.a.	T 24
F 25	3 6 22	17° 2'19	25°37	27°31	16°51	28°12	8°36	16° 5	19° 8	7°11	22° 9	8°55	8°28	27° 2	n.a.	F 25
S 26	3 10 19	18° 3'35	9♌47	28°55	18° 7	28°58	8°50	16° 7	19°10	7°10	22° 8	8°55	8°25	27° 9	n.a.	S 26
S 27	3 14 15	19° 4'52	23°36	0♏19	19°22	29°44	9° 4	16° 9	19°12	7° 9	22° 6	8°D55	8°22	27°16	n.a.	S 27
M28	3 18 12	20° 6'07	7♍ 5	1°45	20°37	0♑31	9°18	16°10	19°14	7° 8	22° 5	8°55	8°18	27°22	n.a.	M28
T 29	3 22 8	21° 7'23	20°16	3°11	21°53	1°17	9°31	16°12	19°16	7° 7	22° 4	8°56	8°15	27°29	n.a.	T 29
W30	3 26 5	22♏ 8'38	3♎10	4♏38	23♏ 8	2♑ 3	9♏45	16♌13	19♑18	7♋ 6	22♉ 3	8♏57	8♏12	27♐36	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s56	3n46	4 s31	0 s31	2n34	5 s57	0n46	23 s44	1 s24	12 s16	0n33	18n35	1n58	23 s17	0 s41	24n 0	0n17	17n23	1 s28	14 s47	15 s 2	20 s11		n.a.
W 2	9 19	0 s46	3 46	0 18	2 40	6 29	0 44	23 51	1 24	12 21	0 33	18 34	1 59	23 17	0 41	24 0	0 17	17 23	1 28	14 47	15 0	20 11		n.a.
T 3	9 42	5 11	2 51	0 12	2 44	7 0	0 42	23 57	1 24	12 26	0 32	18 33	1 59	23 16	0 41	24 0	0 17	17 23	1 28	14 46	14 59	20 10		n.a.
F 4	10 5	9 18	1 47	0 10	2 46	7 31	0 40	24 4	1 24	12 31	0 32	18 32	1 59	23 16	0 41	24 0	0 17	17 22	1 28	14 45	14 58	20 10		n.a.
S 5	10 28	12 56	0 40	0 14	2 47	8 2	0 38	24 10	1 24	12 36	0 32	18 31	1 59	23 16	0 40	24 0	0 17	17 22	1 28	14 45	14 57	20 10		n.a.
S 6	10 50	15 56	0n29	0 23	2 47	8 33	0 36	24 16	1 24	12 41	0 32	18 30	2 0	23 16	0 40	24 0	0 17	17 22	1 28	14 45	14 56	20 9		n.a.
M 7	11 13	18 10	1 35	0 35	2 45	9 3	0 33	24 21	1 24	12 45	0 32	18 29	2 0	23 16	0 40	24 0	0 17	17 22	1 28	14 45	14 55	20 9		n.a.
T 8	11 35	19 34	2 36	0 52	2 43	9 33	0 31	24 27	1 23	12 50	0 32	18 28	2 0	23 16	0 40	24 0	0 18	17 21	1 28	14 46	14 54	20 9		n.a.
W 9	11 57	20 4	3 29	1 11	2 39	10 3	0 29	24 32	1 23	12 55	0 32	18 28	2 0	23 15	0 40	24 0	0 18	17 21	1 28	14 46	14 53	20 8		n.a.
T 10	12 18	19 41	4 14	1 34	2 35	10 33	0 27	24 37	1 23	13 0	0 32	18 27	2 1	23 15	0 40	24 0	0 18	17 21	1 27	14 46	14 52	20 8		n.a.
F 11	12 40	18 26	4 48	1 59	2 31	11 3	0 24	24 41	1 23	13 5	0 32	18 26	2 1	23 15	0 40	24 1	0 18	17 21	1 27	14 46	14 51	20 8		n.a.
S 12	13 1	16 22	5 9	2 26	2 25	11 32	0 22	24 45	1 23	13 10	0 32	18 25	2 1	23 15	0 40	24 1	0 18	17 20	1 27	14 47	14 50	20 7		n.a.
S 13	13 22	13 35	5 18	2 55	2 20	12 1	0 20	24 49	1 23	13 14	0 31	18 25	2 1	23 14	0 40	24 1	0 18	17 20	1 27	14 47	14 49	20 7		n.a.
M14	13 43	10 9	5 12	3 26	2 14	12 29	0 18	24 53	1 22	13 19	0 31	18 24	2 2	23 14	0 40	24 1	0 18	17 20	1 27	14 47	14 48	20 6		n.a.
T 15	14 4	6 11	4 51	3 58	2 7	12 58	0 15	24 56	1 22	13 24	0 31	18 23	2 2	23 14	0 40	24 1	0 18	17 20	1 27	14 47	14 47	20 6		n.a.
W16	14 24	1 49	4 15	4 31	2 0	13 26	0 13	24 59	1 22	13 29	0 31	18 23	2 2	23 14	0 40	24 1	0 18	17 19	1 27	14 46	14 46	20 6		n.a.
T 17	14 45	2n46	3 24	5 5	1 53	13 53	0 11	25 2	1 22	13 33	0 31	18 22	2 2	23 13	0 40	24 1	0 18	17 19	1 27	14 46	14 45	20 5		n.a.
F 18	15 4	7 23	2 19	5 40	1 46	14 21	0 8	25 5	1 21	13 38	0 31	18 22	2 3	23 13	0 40	24 1	0 18	17 19	1 27	14 46	14 44	20 5		n.a.
S 19	15 24	11 43	1 4	6 16	1 39	14 48	0 6	25 7	1 21	13 43	0 31	18 21	2 3	23 13	0 40	24 1	0 18	17 19	1 27	14 46	14 43	20 4		n.a.
S 20	15 43	15 27	0 s16	6 52	1 32	15 14	0 4	25 9	1 21	13 48	0 31	18 21	2 3	23 13	0 40	24 1	0 18	17 18	1 27	14 46	14 42	20 4		n.a.
M21	16 2	18 14	1 37	7 29	1 24	15 40	0 1	25 11	1 21	13 52	0 31	18 20	2 3	23 12	0 40	24 1	0 18	17 18	1 27	14 46	14 41	20 3		n.a.
T 22	16 21	19 48	2 52	8 6	1 17	16 6	0 s 1	25 12	1 20	13 57	0 31	18 20	2 4	23 12	0 40	24 1	0 18	17 18	1 27	14 46	14 40	20 3		n.a.
W23	16 40	19 58	3 54	8 43	1 9	16 31	0 4	25 13	1 20	14 2	0 30	18 19	2 4	23 12	0 40	24 1	0 18	17 17	1 27	14 46	14 39	20 3		n.a.
T 24	16 58	18 47	4 41	9 20	1 1	16 56	0 6	25 14	1 20	14 6	0 30	18 19	2 4	23 12	0 40	24 1	0 18	17 17	1 27	14 46	14 38	20 2		n.a.
F 25	17 16	16 23	5 9	9 58	0 54	17 21	0 8	25 14	1 20	14 11	0 30	18 19	2 5	23 11	0 40	24 1	0 18	17 17	1 27	14 46	14 37	20 2		n.a.
S 26	17 33	13 4	5 17	10 35	0 46	17 44	0 11	25 15	1 19	14 15	0 30	18 18	2 5	23 11	0 40	24 1	0 18	17 17	1 27	14 45	14 36	20 1		n.a.
S 27	17 51	9 6	5 7	11 13	0 39	18 8	0 13	25 15	1 19	14 20	0 30	18 18	2 5	23 11	0 40	24 2	0 18	17 16	1 27	14 45	14 35	20 1		n.a.
M28	18 8	4 46	4 40	11 50	0 31	18 31	0 15	25 14	1 19	14 25	0 30	18 18	2 5	23 10	0 40	24 2	0 18	17 16	1 26	14 46	14 34	20 0		n.a.
T 29	18 24	0 17	3 59	12 27	0 24	18 53	0 18	25 14	1 19	14 29	0 30	18 18	2 6	23 10	0 40	24 2	0 18	17 16	1 26	14 46	14 32	20 0		n.a.
W30	18 s40	4 s 7	3 s 6	13 s 4	0n16	19 s15	0 s20	25 s13	1 s18	14 s34	0n30	18n18	2n 6	23 s10	0 s40	24n 2	0n18	17n16	1 s26	14 s46	14 s31	20 s 0		n.a.

Julian Day Number = 981365.5, Delta T = 13h13m26s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'22, Lahiri = -31°53'22 Julian Calendar 1 Nov. 2027 BCE == Greg. Calendar 15 Oct. 2027 BCE

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ASTRODIENST EPHEMERIS for the year 2027 BCE
geocentric

DECEMBER 2027 BCE (-2026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 30 1	23♏ 9'53	15♎49	6♏ 6	24♏24	2♑50	9♏59	16♌14	19♑21	7°R 5	22°R 1	8♏58	8♏ 9	27♐42	n.a.	T 1
F 2	3 33 58	24°11'07	28°16	7°34	25°39	3°36	10°13	16°15	19°23	7♋ 4	22♉ 0	8°59	8° 6	27°49	n.a.	F 2
S 3	3 37 54	25°12'21	10♏32	9° 3	26°54	4°22	10°26	16°16	19°25	7° 3	21°59	9°R 0	8° 2	27°56	n.a.	S 3
S 4	3 41 51	26°13'33	22°40	10°33	28°10	5° 8	10°40	16°17	19°27	7° 2	21°57	8°59	7°59	28° 2	n.a.	S 4
M 5	3 45 48	27°14'45	4♐40	12° 3	29°25	5°54	10°54	16°18	19°30	7° 1	21°56	8°57	7°56	28° 9	n.a.	M 5
T 6	3 49 44	28°15'56	16°35	13°34	0♐40	6°41	11° 7	16°19	19°32	6°59	21°55	8°55	7°53	28°16	n.a.	T 6
W 7	3 53 41	29°17'06	28°26	15° 5	1°55	7°27	11°21	16°20	19°35	6°58	21°54	8°52	7°50	28°23	n.a.	W 7
T 8	3 57 37	0♐18'15	10♑16	16°37	3°11	8°13	11°34	16°20	19°37	6°57	21°52	8°48	7°47	28°29	n.a.	T 8
F 9	4 1 34	1°19'23	22° 7	18°10	4°26	8°59	11°48	16°21	19°40	6°56	21°51	8°44	7°43	28°36	n.a.	F 9
S 10	4 5 30	2°20'29	4♒ 2	19°43	5°41	9°45	12° 1	16°21	19°42	6°54	21°50	8°41	7°40	28°43	n.a.	S 10
S 11	4 9 27	3°21'34	16° 5	21°16	6°56	10°31	12°15	16°21	19°45	6°53	21°49	8°38	7°37	28°49	n.a.	S 11
M12	4 13 24	4°22'38	28°21	22°51	8°12	11°17	12°28	16°R21	19°47	6°52	21°47	8°37	7°34	28°56	n.a.	M12
T 13	4 17 20	5°23'40	10♓53	24°26	9°27	12° 3	12°42	16°21	19°50	6°50	21°46	8°D37	7°31	29° 3	n.a.	T 13
W14	4 21 17	6°24'41	23°47	26° 1	10°42	12°49	12°55	16°21	19°53	6°49	21°45	8°38	7°28	29° 9	n.a.	W14
T 15	4 25 13	7°25'40	7♈ 4	27°38	11°57	13°35	13° 8	16°21	19°55	6°47	21°44	8°40	7°24	29°16	n.a.	T 15
F 16	4 29 10	8°26'38	20°50	29°15	13°12	14°21	13°22	16°21	19°58	6°46	21°42	8°41	7°21	29°23	n.a.	F 16
S 17	4 33 6	9°27'34	5♉ 3	0♐52	14°27	15° 7	13°35	16°20	20° 1	6°45	21°41	8°R42	7°18	29°30	n.a.	S 17
S 18	4 37 3	10°28'29	19°41	2°30	15°42	15°53	13°48	16°20	20° 4	6°43	21°40	8°42	7°15	29°36	n.a.	S 18
M19	4 40 59	11°29'22	4♊41	4° 9	16°58	16°38	14° 1	16°19	20° 7	6°42	21°39	8°40	7°12	29°43	n.a.	M19
T 20	4 44 56	12°30'14	19°53	5°49	18°13	17°24	14°14	16°18	20° 9	6°40	21°38	8°36	7° 8	29°50	n.a.	T 20
W21	4 48 53	13°31'04	5♋ 8	7°29	19°28	18°10	14°27	16°17	20°12	6°39	21°36	8°31	7° 5	29°56	n.a.	W21
T 22	4 52 49	14°31'53	20°15	9°11	20°43	18°55	14°40	16°16	20°15	6°37	21°35	8°26	7° 2	0♑ 3	n.a.	T 22
F 23	4 56 46	15°32'41	5♌ 5	10°53	21°58	19°41	14°53	16°15	20°18	6°36	21°34	8°21	6°59	0°10	n.a.	F 23
S 24	5 0 42	16°33'27	19°31	12°35	23°13	20°27	15° 6	16°14	20°21	6°34	21°33	8°16	6°56	0°16	n.a.	S 24
S 25	5 4 39	17°34'13	3♍30	14°19	24°28	21°12	15°19	16°13	20°24	6°33	21°32	8°14	6°53	0°23	n.a.	S 25
M26	5 8 35	18°34'56	17° 2	16° 3	25°43	21°58	15°32	16°12	20°27	6°31	21°31	8°D13	6°49	0°30	n.a.	M26
T 27	5 12 32	19°35'39	0♎ 9	17°48	26°58	22°43	15°45	16°10	20°30	6°29	21°30	8°13	6°46	0°36	n.a.	T 27
W28	5 16 29	20°36'20	12°54	19°34	28°13	23°29	15°57	16° 9	20°33	6°28	21°28	8°14	6°43	0°43	n.a.	W28
T 29	5 20 25	21°37'00	25°22	21°21	29°28	24°14	16°10	16° 7	20°36	6°26	21°27	8°16	6°40	0°50	n.a.	T 29
F 30	5 24 22	22°37'38	7♏35	23° 9	0♑43	25° 0	16°22	16° 5	20°39	6°25	21°26	8°R17	6°37	0°57	n.a.	F 30
S 31	5 28 18	23♐38'15	19♏39	24♐57	1♑57	25♑45	16♏35	16♌ 3	20♑42	6♋23	21♉25	8♏16	6♏34	1♑ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s56	8s16	2s 5	13s41	0n 9	19s37	0s22	25s12	1s18	14s38	0n30	18n17	2n 6	23s 9	0s40	24n 2	0n18	17n15	1s26	14s47	14s30	19s59		n.a.
F 2	19 12	11 59	0 59	14 17	0 2	19 57	0 24	25 10	1 18	14 43	0 30	18 17	2 6	23 9	0 40	24 2	0 18	17 15	1 26	14 47	14 29	19 59		n.a.
S 3	19 27	15 9	0n 9	14 53	0s 5	20 18	0 27	25 8	1 17	14 47	0 30	18 17	2 7	23 9	0 40	24 2	0 18	17 15	1 26	14 47	14 28	19 58		n.a.
S 4	19 42	17 36	1 15	15 29	0 12	20 37	0 29	25 6	1 17	14 52	0 29	18 17	2 7	23 8	0 40	24 2	0 18	17 14	1 26	14 47	14 27	19 58		n.a.
M 5	19 56	19 15	2 17	16 4	0 19	20 56	0 31	25 4	1 17	14 56	0 29	18 17	2 7	23 8	0 40	24 2	0 18	17 14	1 26	14 46	14 26	19 57		n.a.
T 6	20 11	20 2	3 13	16 38	0 26	21 15	0 33	25 1	1 16	15 0	0 29	18 17	2 8	23 7	0 40	24 2	0 18	17 14	1 26	14 46	14 25	19 57		n.a.
W 7	20 24	19 55	4 0	17 12	0 32	21 33	0 35	24 58	1 16	15 5	0 29	18 17	2 8	23 7	0 40	24 2	0 18	17 14	1 26	14 44	14 24	19 56		n.a.
T 8	20 38	18 55	4 37	17 46	0 39	21 50	0 38	24 55	1 15	15 9	0 29	18 18	2 8	23 7	0 40	24 2	0 18	17 13	1 26	14 43	14 23	19 56		n.a.
F 9	20 50	17 7	5 1	18 18	0 45	22 7	0 40	24 52	1 15	15 13	0 29	18 18	2 8	23 6	0 40	24 3	0 18	17 13	1 26	14 42	14 22	19 55		n.a.
S 10	21 3	14 34	5 13	18 50	0 51	22 22	0 42	24 48	1 15	15 18	0 29	18 18	2 9	23 6	0 40	24 3	0 18	17 13	1 26	14 41	14 21	19 55		n.a.
S 11	21 15	11 23	5 12	19 22	0 57	22 38	0 44	24 44	1 14	15 22	0 29	18 18	2 9	23 5	0 40	24 3	0 18	17 13	1 26	14 40	14 20	19 54		n.a.
M12	21 27	7 40	4 56	19 52	1 3	22 52	0 46	24 40	1 14	15 26	0 29	18 18	2 9	23 5	0 40	24 3	0 18	17 12	1 26	14 40	14 19	19 54		n.a.
T 13	21 38	3 32	4 26	20 22	1 8	23 6	0 48	24 35	1 14	15 30	0 29	18 18	2 9	23 5	0 40	24 3	0 18	17 12	1 25	14 40	14 18	19 53		n.a.
W14	21 49	0n52	3 42	20 51	1 14	23 20	0 50	24 30	1 13	15 35	0 29	18 19	2 10	23 4	0 40	24 3	0 18	17 12	1 25	14 40	14 17	19 53		n.a.
T 15	21 59	5 23	2 45	21 18	1 19	23 32	0 52	24 25	1 13	15 39	0 29	18 19	2 10	23 4	0 39	24 3	0 18	17 12	1 25	14 41	14 16	19 52		n.a.
F 16	22 9	9 47	1 37	21 45	1 24	23 44	0 54	24 20	1 12	15 43	0 28	18 19	2 10	23 3	0 39	24 3	0 18	17 11	1 25	14 41	14 15	19 52		n.a.
S 17	22 19	13 47	0 20	22 11	1 28	23 55	0 55	24 14	1 12	15 47	0 28	18 20	2 11	23 3	0 39	24 3	0 18	17 11	1 25	14 41	14 14	19 51		n.a.
S 18	22 28	17 3	1s 0	22 36	1 32	24 5	0 57	24 9	1 12	15 51	0 28	18 20	2 11	23 2	0 39	24 3	0 18	17 11	1 25	14 41	14 13	19 51		n.a.
M19	22 37	19 15	2 17	22 59	1 36	24 15	0 59	24 2	1 11	15 55	0 28	18 21	2 11	23 2	0 39	24 3	0 18	17 11	1 25	14 41	14 11	19 50		n.a.
T 20	22 45	20 6	3 26	23 21	1 40	24 24	1 1	23 56	1 11	15 59	0 28	18 21	2 11	23 2	0 39	24 4	0 18	17 10	1 25	14 39	14 10	19 50		n.a.
W21	22 53	19 29	4 20	23 42	1 44	24 32	1 2	23 49	1 10	16 3	0 28	18 22	2 12	23 1	0 39	24 4	0 18	17 10	1 25	14 38	14 9	19 49		n.a.
T 22	23 0	17 29	4 56	24 2	1 47	24 39	1 4	23 43	1 10	16 7	0 28	18 22	2 12	23 1	0 39	24 4	0 18	17 10	1 25	14 36	14 8	19 49		n.a.
F 23	23 7	14 22	5 11	24 20	1 50	24 46	1 6	23 36	1 9	16 11	0 28	18 23	2 12	23 0	0 39	24 4	0 18	17 10	1 25	14 34	14 7	19 48		n.a.
S 24	23 14	10 26	5 5	24 37	1 52	24 52	1 7	23 28	1 9	16 15	0 28	18 23	2 12	23 0	0 39	24 4	0 18	17 9	1 25	14 33	14 6	19 48		n.a.
S 25	23 20	6 3	4 42	24 52	1 54	24 57	1 9	23 21	1 9	16 19	0 28	18 24	2 13	22 59	0 39	24 4	0 18	17 9	1 25	14 32	14 5	19 47		n.a.
M26	23 25	1 30	4 3	25 6	1 56	25 1	1 10	23 13	1 8	16 23	0 28	18 25	2 13	22 59	0 39	24 4	0 18	17 9	1 24	14 32	14 4	19 46		n.a.
T 27	23 30	3s 0	3 12	25 18	1 57	25 5	1 12	23 5	1 8	16 27	0 28	18 25	2 13	22 58	0 39	24 4	0 19	17 9	1 24	14 32	14 3	19 46		n.a.
W28	23 35	7 14	2 13	25 28	1 58	25 8	1 13	22 56	1 7	16 30	0 28	18 26	2 14	22 58	0 39	24 4	0 19	17 9	1 24	14 32	14 2	19 45		n.a.
T 29	23 39	11 5	1 10	25 36	1 58	25 10	1 14	22 48	1 7	16 34	0 28	18 27	2 14	22 57	0 39	24 4	0 19	17 8	1 24	14 33	14 1	19 45		n.a.
F 30	23 43	14 23	0 4	25 43	1 58	25 11	1 15	22 39	1 6	16 38	0 27	18 28	2 14	22 57	0 39	24 4	0 19	17 8	1 24	14 33	14 0	19 44		n.a.
S 31	23s46	17s 1	1n 1	25s47	1s58	25s11	1s17	22s30	1s 6	16s42	0n27	18n29	2n14	22s56	0s39	24n 5	0n19	17n 8	1s24	14s33	13s59	19s44		n.a.

Julian Day Number = 981395.5, Delta T = 13h13m24s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'18, Lahiri = -31°53'18 Julian Calendar 1 Dec. 2027 BCE == Greg. Calendar 14 Nov. 2027 BCE

The year -2026 astronomical counting style corresponds to year 2027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

JANUARY 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 32 15	24♐38'50	1♐36	26♐46	3♑12	26♑30	16♏47	16°R 1	20♑46	6°R21	21°R24	8°R13	6♏30	1♑10	n.a.	S 1
M 2	5 36 11	25°39'24	13°28	28°36	4°27	27°16	17° 0	15♌59	20°49	6♋20	21♉23	8♏ 8	6°27	1°17	n.a.	M 2
T 3	5 40 8	26°39'56	25°19	0♑26	5°42	28° 1	17°12	15°57	20°52	6°18	21°22	8° 0	6°24	1°23	n.a.	T 3
W 4	5 44 4	27°40'26	7♑10	2°18	6°57	28°46	17°24	15°55	20°55	6°17	21°21	7°51	6°21	1°30	n.a.	W 4
T 5	5 48 1	28°40'54	19° 1	4° 9	8°12	29°31	17°36	15°53	20°58	6°15	21°20	7°41	6°18	1°37	n.a.	T 5
F 6	5 51 58	29°41'20	0♒56	6° 1	9°26	0♒17	17°48	15°50	21° 2	6°13	21°19	7°30	6°14	1°43	n.a.	F 6
S 7	5 55 54	0♑41'44	12°55	7°54	10°41	1° 2	18° 0	15°48	21° 5	6°12	21°18	7°21	6°11	1°50	n.a.	S 7
S 8	5 59 51	1°42'06	25° 2	9°46	11°56	1°47	18°12	15°45	21° 8	6°10	21°17	7°13	6° 8	1°57	n.a.	S 8
M 9	6 3 47	2°42'26	7♓18	11°39	13°11	2°32	18°24	15°43	21°11	6° 8	21°16	7° 7	6° 5	2° 4	n.a.	M 9
T 10	6 7 44	3°42'44	19°49	13°31	14°25	3°17	18°36	15°40	21°15	6° 7	21°15	7° 4	6° 2	2°10	n.a.	T 10
W11	6 11 40	4°42'59	2♈36	15°23	15°40	4° 2	18°48	15°37	21°18	6° 5	21°15	7°D 3	5°59	2°17	n.a.	W11
T 12	6 15 37	5°43'12	15°45	17°14	16°55	4°47	18°59	15°34	21°21	6° 3	21°14	7° 3	5°55	2°24	n.a.	T 12
F 13	6 19 33	6°43'23	29°19	19° 4	18°10	5°31	19°11	15°31	21°25	6° 2	21°13	7° 4	5°52	2°30	n.a.	F 13
S 14	6 23 30	7°43'32	13♉19	20°53	19°24	6°16	19°22	15°28	21°28	6° 0	21°12	7°R 4	5°49	2°37	n.a.	S 14
S 15	6 27 27	8°43'38	27°48	22°40	20°39	7° 1	19°34	15°25	21°31	5°58	21°11	7° 2	5°46	2°44	n.a.	S 15
M16	6 31 23	9°43'42	12♊40	24°24	21°53	7°46	19°45	15°22	21°35	5°56	21°10	6°58	5°43	2°50	n.a.	M16
T 17	6 35 20	10°43'44	27°52	26° 6	23° 8	8°30	19°56	15°18	21°38	5°55	21°10	6°51	5°40	2°57	n.a.	T 17
W18	6 39 16	11°43'44	13♋11	27°45	24°22	9°15	20° 7	15°15	21°41	5°53	21° 9	6°42	5°36	3° 4	n.a.	W18
T 19	6 43 13	12°43'42	28°29	29°19	25°37	10° 0	20°18	15°11	21°45	5°52	21° 8	6°32	5°33	3°11	n.a.	T 19
F 20	6 47 9	13°43'37	13♌32	0♒50	26°51	10°44	20°29	15° 8	21°48	5°50	21° 7	6°23	5°30	3°17	n.a.	F 20
S 21	6 51 6	14°43'31	28°13	2°15	28° 6	11°29	20°40	15° 4	21°52	5°48	21° 7	6°14	5°27	3°24	n.a.	S 21
S 22	6 55 2	15°43'22	12♍25	3°35	29°20	12°13	20°51	15° 1	21°55	5°47	21° 6	6° 7	5°24	3°31	n.a.	S 22
M23	6 58 59	16°43'12	26° 7	4°49	0♒35	12°57	21° 1	14°57	21°58	5°45	21° 5	6° 3	5°20	3°37	n.a.	M23
T 24	7 2 55	17°43'00	9♎19	5°56	1°49	13°42	21°12	14°53	22° 2	5°43	21° 5	6° 1	5°17	3°44	n.a.	T 24
W25	7 6 52	18°42'46	22° 6	6°56	3° 4	14°26	21°22	14°49	22° 5	5°42	21° 4	6°D 1	5°14	3°51	n.a.	W25
T 26	7 10 49	19°42'30	4♏31	7°49	4°18	15°10	21°33	14°46	22° 9	5°40	21° 4	6°R 1	5°11	3°58	n.a.	T 26
F 27	7 14 45	20°42'12	16°41	8°35	5°32	15°55	21°43	14°42	22°12	5°38	21° 3	6° 1	5° 8	4° 4	n.a.	F 27
S 28	7 18 42	21°41'53	28°39	9°12	6°47	16°39	21°53	14°38	22°16	5°37	21° 2	5°59	5° 5	4°11	n.a.	S 28
S 29	7 22 38	22°41'31	10♐31	9°40	8° 1	17°23	22° 3	14°34	22°19	5°35	21° 2	5°54	5° 1	4°18	n.a.	S 29
M30	7 26 35	23°41'07	22°20	10° 1	9°15	18° 7	22°13	14°29	22°22	5°34	21° 1	5°47	4°58	4°24	n.a.	M30
T 31	7 30 31	24♑40'42	4♑ 9	10♒13	10♒29	18♒51	22♏23	14♌25	22♑26	5♋32	21♉ 1	5♏36	4♏55	4♑31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23 s49	18 s54	2n 3	25 s50	1 s57	25 s11	1 s18	22 s21	1 s 5	16 s45	0n27	18n29	2n15	22 s56	0 s39	24n 5	0n19	17n 8	1 s24	14 s32	13 s58	19 s43			n.a.
M 2	23 51	19 56	2 58	25 50	1 55	25 10	1 19	22 11	1 5	16 49	0 27	18 30	2 15	22 55	0 39	24 5	0 19	17 8	1 24	14 30	13 57	19 43			n.a.
T 3	23 53	20 5	3 46	25 49	1 53	25 8	1 20	22 2	1 4	16 53	0 27	18 31	2 15	22 55	0 39	24 5	0 19	17 7	1 24	14 28	13 55	19 42			n.a.
W 4	23 54	19 20	4 24	25 45	1 51	25 5	1 21	21 52	1 4	16 56	0 27	18 32	2 15	22 54	0 39	24 5	0 19	17 7	1 24	14 25	13 54	19 41			n.a.
T 5	23 55	17 46	4 50	25 39	1 47	25 1	1 22	21 42	1 3	17 0	0 27	18 33	2 16	22 54	0 39	24 5	0 19	17 7	1 24	14 21	13 53	19 41			n.a.
F 6	23 55	15 25	5 4	25 30	1 43	24 57	1 23	21 31	1 3	17 3	0 27	18 34	2 16	22 53	0 39	24 5	0 19	17 7	1 24	14 18	13 52	19 40			n.a.
S 7	23 55	12 25	5 4	25 20	1 39	24 52	1 23	21 21	1 2	17 7	0 27	18 35	2 16	22 53	0 39	24 5	0 19	17 7	1 24	14 14	13 51	19 40			n.a.
S 8	23 55	8 52	4 51	25 7	1 34	24 46	1 24	21 10	1 2	17 10	0 27	18 36	2 16	22 52	0 39	24 5	0 19	17 6	1 23	14 12	13 50	19 39			n.a.
M 9	23 54	4 55	4 25	24 52	1 28	24 40	1 25	20 59	1 1	17 14	0 27	18 37	2 16	22 52	0 39	24 5	0 19	17 6	1 23	14 10	13 49	19 38			n.a.
T 10	23 52	0 40	3 45	24 34	1 21	24 32	1 25	20 48	1 1	17 17	0 27	18 38	2 17	22 51	0 39	24 6	0 19	17 6	1 23	14 9	13 48	19 38			n.a.
W11	23 50	3n42	2 54	24 14	1 14	24 24	1 26	20 37	1 0	17 20	0 27	18 39	2 17	22 51	0 39	24 6	0 19	17 6	1 23	14 8	13 47	19 37			n.a.
T 12	23 48	8 2	1 52	23 52	1 6	24 15	1 26	20 25	1 0	17 24	0 27	18 40	2 17	22 50	0 39	24 6	0 19	17 6	1 23	14 9	13 46	19 37			n.a.
F 13	23 45	12 6	0 41	23 29	0 57	24 6	1 27	20 14	0 59	17 27	0 27	18 41	2 17	22 50	0 39	24 6	0 19	17 6	1 23	14 9	13 45	19 36			n.a.
S 14	23 42	15 38	0 s33	23 3	0 47	23 56	1 27	20 2	0 59	17 30	0 27	18 43	2 18	22 49	0 39	24 6	0 19	17 6	1 23	14 9	13 44	19 35			n.a.
S 15	23 38	18 19	1 48	22 35	0 37	23 45	1 27	19 50	0 58	17 33	0 26	18 44	2 18	22 48	0 39	24 6	0 19	17 5	1 23	14 8	13 43	19 35			n.a.
M16	23 34	19 50	2 58	22 6	0 26	23 33	1 28	19 38	0 58	17 36	0 26	18 45	2 18	22 48	0 39	24 6	0 19	17 5	1 23	14 7	13 42	19 34			n.a.
T 17	23 29	19 58	3 56	21 35	0 14	23 20	1 28	19 25	0 57	17 40	0 26	18 46	2 18	22 47	0 39	24 6	0 19	17 5	1 23	14 5	13 40	19 34			n.a.
W18	23 24	18 39	4 38	21 4	0 2	23 7	1 28	19 13	0 57	17 43	0 26	18 47	2 18	22 47	0 39	24 6	0 19	17 5	1 23	14 2	13 39	19 33			n.a.
T 19	23 18	15 59	5 0	20 32	0n11	22 53	1 28	19 0	0 56	17 46	0 26	18 49	2 19	22 46	0 39	24 6	0 19	17 5	1 22	13 58	13 38	19 32			n.a.
F 20	23 12	12 18	5 1	19 59	0 25	22 39	1 28	18 47	0 56	17 49	0 26	18 50	2 19	22 46	0 39	24 6	0 19	17 5	1 22	13 55	13 37	19 32			n.a.
S 21	23 6	7 57	4 41	19 26	0 39	22 24	1 28	18 34	0 55	17 52	0 26	18 51	2 19	22 45	0 39	24 7	0 19	17 5	1 22	13 52	13 36	19 31			n.a.
S 22	22 59	3 17	4 5	18 53	0 53	22 8	1 28	18 21	0 54	17 55	0 26	18 52	2 19	22 45	0 39	24 7	0 19	17 5	1 22	13 50	13 35	19 30			n.a.
M23	22 51	1 s24	3 15	18 21	1 8	21 51	1 27	18 8	0 54	17 58	0 26	18 54	2 19	22 44	0 39	24 7	0 19	17 5	1 22	13 49	13 34	19 30			n.a.
T 24	22 43	5 51	2 17	17 50	1 22	21 34	1 27	17 54	0 53	18 0	0 26	18 55	2 20	22 44	0 39	24 7	0 19	17 5	1 22	13 48	13 33	19 29			n.a.
W25	22 35	9 54	1 13	17 21	1 37	21 16	1 27	17 40	0 53	18 3	0 26	18 56	2 20	22 43	0 39	24 7	0 19	17 4	1 22	13 48	13 32	19 28			n.a.
T 26	22 27	13 25	0 8	16 53	1 52	20 58	1 26	17 27	0 52	18 6	0 26	18 58	2 20	22 42	0 39	24 7	0 19	17 4	1 22	13 48	13 31	19 28			n.a.
F 27	22 18	16 16	0n56	16 27	2 7	20 39	1 26	17 13	0 52	18 9	0 26	18 59	2 20	22 42	0 39	24 7	0 19	17 4	1 22	13 48	13 30	19 27			n.a.
S 28	22 8	18 22	1 57	16 3	2 21	20 20	1 25	16 59	0 51	18 12	0 26	19 0	2 20	22 41	0 39	24 7	0 19	17 4	1 22	13 47	13 29	19 26			n.a.
S 29	21 58	19 39	2 52	15 42	2 35	20 0	1 25	16 44	0 51	18 14	0 26	19 2	2 20	22 41	0 39	24 7	0 19	17 4	1 22	13 45	13 28	19 26			n.a.
M30	21 48	20 3	3 39	15 24	2 48	19 39	1 24	16 30	0 50	18 17	0 26	19 3	2 21	22 40	0 39	24 7	0 19	17 4	1 21	13 43	13 26	19 25			n.a.
T 31	21 s37	19 s35	4n17	15 s 9	3n 0	19 s18	1 s23	16 s16	0 s49	18 s19	0n26	19n 5	2n21	22 s40	0 s39	24n 7	0n19	17n 4	1 s21	13 s39	13 s25	19 s24			n.a.

Julian Day Number = 981426.5, Delta T = 13h13m22s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'14, Lahiri = -31°53'13 Julian Calendar 1 Jan. 2026 BCE == Greg. Calendar 15 Dec. 2027 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

FEBRUARY 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 34 28	25♑40'14	16♑ 1	10°R16	11♒44	19♒35	22♏32	14°R21	22♑29	5°R31	21°R 1	5°R23	4♏52	4♑38	n.a.	W 1
T 2	7 38 24	26°39'44	27°57	10♒12	12°58	20°19	22°42	14♌17	22°33	5♋29	21♉ 0	5♏ 9	4°49	4°44	n.a.	T 2
F 3	7 42 21	27°39'11	9♒59	9°59	14°12	21° 3	22°51	14°13	22°36	5°27	21° 0	4°55	4°45	4°51	n.a.	F 3
S 4	7 46 18	28°38'37	22° 7	9°39	15°26	21°47	23° 1	14° 8	22°39	5°26	20°59	4°41	4°42	4°58	n.a.	S 4
S 5	7 50 14	29°38'00	4♓23	9°12	16°40	22°30	23°10	14° 4	22°43	5°24	20°59	4°30	4°39	5° 5	n.a.	S 5
M 6	7 54 11	0♒37'20	16°49	8°38	17°54	23°14	23°19	13°59	22°46	5°23	20°59	4°21	4°36	5°11	n.a.	M 6
T 7	7 58 7	1°36'39	29°25	7°59	19° 8	23°58	23°28	13°55	22°50	5°21	20°58	4°15	4°33	5°18	n.a.	T 7
W 8	8 2 4	2°35'54	12♈16	7°16	20°22	24°42	23°37	13°51	22°53	5°20	20°58	4°13	4°30	5°25	n.a.	W 8
T 9	8 6 0	3°35'08	25°23	6°28	21°36	25°25	23°46	13°46	22°56	5°19	20°58	4°12	4°26	5°31	n.a.	T 9
F 10	8 9 57	4°34'18	8♉50	5°39	22°50	26° 9	23°54	13°42	23° 0	5°17	20°57	4°12	4°23	5°38	n.a.	F 10
S 11	8 13 53	5°33'27	22°40	4°47	24° 4	26°52	24° 3	13°37	23° 3	5°16	20°57	4°11	4°20	5°45	n.a.	S 11
S 12	8 17 50	6°32'33	6♊53	3°55	25°18	27°36	24°11	13°33	23° 6	5°14	20°57	4° 9	4°17	5°52	n.a.	S 12
M13	8 21 46	7°31'36	21°29	3° 4	26°32	28°19	24°19	13°28	23°10	5°13	20°57	4° 4	4°14	5°58	n.a.	M13
T 14	8 25 43	8°30'37	6♋24	2°14	27°46	29° 3	24°27	13°24	23°13	5°12	20°57	3°57	4°11	6° 5	n.a.	T 14
W15	8 29 40	9°29'35	21°30	1°27	28°59	29°46	24°35	13°19	23°16	5°10	20°57	3°47	4° 7	6°12	n.a.	W15
T 16	8 33 36	10°28'31	6♌38	0°43	0♓13	0♓29	24°43	13°14	23°20	5° 9	20°57	3°36	4° 4	6°18	n.a.	T 16
F 17	8 37 33	11°27'25	21°37	0° 3	1°27	1°12	24°51	13°10	23°23	5° 8	20°56	3°25	4° 1	6°25	n.a.	F 17
S 18	8 41 29	12°26'17	6♍19	29♑27	2°41	1°56	24°58	13° 5	23°26	5° 6	20°56	3°15	3°58	6°32	n.a.	S 18
S 19	8 45 26	13°25'07	20°35	28°56	3°54	2°39	25° 6	13° 1	23°30	5° 5	20°56	3° 7	3°55	6°38	n.a.	S 19
M20	8 49 22	14°23'54	4♎23	28°30	5° 8	3°22	25°13	12°56	23°33	5° 4	20°D56	3° 2	3°51	6°45	n.a.	M20
T 21	8 53 19	15°22'40	17°42	28° 9	6°21	4° 5	25°20	12°51	23°36	5° 3	20°56	2°59	3°48	6°52	n.a.	T 21
W22	8 57 15	16°21'24	0♏34	27°54	7°35	4°48	25°27	12°47	23°39	5° 2	20°56	2°D58	3°45	6°59	n.a.	W22
T 23	9 1 12	17°20'06	13° 4	27°45	8°48	5°31	25°34	12°42	23°43	5° 0	20°56	2°R59	3°42	7° 5	n.a.	T 23
F 24	9 5 8	18°18'46	25°15	27°D41	10° 2	6°14	25°41	12°38	23°46	4°59	20°57	2°58	3°39	7°12	n.a.	F 24
S 25	9 9 5	19°17'24	7♐14	27°42	11°15	6°56	25°47	12°33	23°49	4°58	20°57	2°57	3°36	7°19	n.a.	S 25
S 26	9 13 1	20°16'01	19° 6	27°48	12°29	7°39	25°53	12°29	23°52	4°57	20°57	2°53	3°32	7°25	n.a.	S 26
M27	9 16 58	21°14'35	0♑56	28° 0	13°42	8°22	26° 0	12°24	23°55	4°56	20°57	2°47	3°29	7°32	n.a.	M27
T 28	9 20 55	22♒13'08	12♑47	28♑16	14♓55	9♓ 5	26♏ 6	12♌20	23♑58	4♋55	20♉57	2♏39	3♏26	7♑39	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s26	18s15	4n43	14s57	3n12	18s56	1s22	16s 1	0s49	18s22	0n26	19n 6	2n21	22s39	0s39	24n 7	0n19	17n 4	1s21	13s35	13s24	19s24		n.a.
T 2	21 15	16 8	4 57	14 48	3 22	18 34	1 21	15 46	0 48	18 25	0 25	19 7	2 21	22 38	0 39	24 8	0 19	17 4	1 21	13 30	13 23	19 23		n.a.
F 3	21 3	13 19	4 59	14 43	3 31	18 11	1 21	15 31	0 48	18 27	0 25	19 9	2 21	22 38	0 39	24 8	0 19	17 4	1 21	13 25	13 22	19 22		n.a.
S 4	20 51	9 55	4 46	14 41	3 39	17 48	1 19	15 16	0 47	18 30	0 25	19 10	2 21	22 37	0 39	24 8	0 19	17 4	1 21	13 21	13 21	19 22		n.a.
S 5	20 38	6 4	4 21	14 43	3 45	17 24	1 18	15 1	0 47	18 32	0 25	19 12	2 21	22 37	0 39	24 8	0 19	17 4	1 21	13 17	13 20	19 21		n.a.
M 6	20 25	1 54	3 42	14 47	3 49	17 0	1 17	14 46	0 46	18 34	0 25	19 13	2 22	22 36	0 39	24 8	0 19	17 4	1 21	13 14	13 19	19 20		n.a.
T 7	20 12	2n24	2 53	14 55	3 52	16 35	1 16	14 31	0 45	18 37	0 25	19 14	2 22	22 36	0 39	24 8	0 19	17 4	1 21	13 12	13 18	19 20		n.a.
W 8	19 59	6 40	1 53	15 5	3 52	16 10	1 15	14 15	0 45	18 39	0 25	19 16	2 22	22 35	0 39	24 8	0 19	17 4	1 21	13 11	13 17	19 19		n.a.
T 9	19 45	10 44	0 46	15 18	3 51	15 45	1 13	14 0	0 44	18 41	0 25	19 17	2 22	22 34	0 39	24 8	0 19	17 4	1 21	13 10	13 16	19 18		n.a.
F 10	19 30	14 21	0s25	15 34	3 48	15 19	1 12	13 44	0 44	18 44	0 25	19 19	2 22	22 34	0 39	24 8	0 19	17 4	1 20	13 10	13 14	19 18		n.a.
S 11	19 16	17 16	1 36	15 51	3 43	14 53	1 11	13 29	0 43	18 46	0 25	19 20	2 22	22 33	0 39	24 8	0 19	17 4	1 20	13 10	13 13	19 17		n.a.
S 12	19 1	19 13	2 43	16 10	3 37	14 26	1 9	13 13	0 43	18 48	0 25	19 22	2 22	22 33	0 39	24 8	0 19	17 4	1 20	13 9	13 12	19 16		n.a.
M13	18 46	19 57	3 42	16 29	3 28	13 59	1 8	12 57	0 42	18 50	0 25	19 23	2 22	22 32	0 39	24 8	0 19	17 4	1 20	13 8	13 11	19 15		n.a.
T 14	18 30	19 19	4 27	16 50	3 19	13 31	1 6	12 41	0 41	18 52	0 25	19 24	2 22	22 32	0 39	24 8	0 19	17 4	1 20	13 5	13 10	19 15		n.a.
W15	18 14	17 20	4 54	17 11	3 8	13 4	1 4	12 25	0 41	18 54	0 25	19 26	2 22	22 31	0 39	24 8	0 19	17 4	1 20	13 2	13 9	19 14		n.a.
T 16	17 58	14 9	5 0	17 33	2 56	12 36	1 3	12 9	0 40	18 56	0 25	19 27	2 23	22 30	0 39	24 8	0 19	17 4	1 20	12 58	13 8	19 13		n.a.
F 17	17 42	10 5	4 46	17 54	2 43	12 7	1 1	11 53	0 40	18 58	0 25	19 29	2 23	22 30	0 39	24 9	0 19	17 4	1 20	12 54	13 7	19 13		n.a.
S 18	17 25	5 28	4 13	18 15	2 29	11 38	0 59	11 36	0 39	19 0	0 25	19 30	2 23	22 29	0 39	24 9	0 19	17 5	1 20	12 51	13 6	19 12		n.a.
S 19	17 8	0 41	3 24	18 36	2 14	11 10	0 57	11 20	0 38	19 2	0 25	19 32	2 23	22 29	0 39	24 9	0 19	17 5	1 20	12 48	13 5	19 11		n.a.
M20	16 51	3s59	2 25	18 56	2 0	10 40	0 55	11 4	0 38	19 4	0 24	19 33	2 23	22 28	0 39	24 9	0 19	17 5	1 19	12 46	13 3	19 10		n.a.
T 21	16 33	8 19	1 20	19 14	1 45	10 11	0 53	10 47	0 37	19 5	0 24	19 34	2 23	22 28	0 39	24 9	0 19	17 5	1 19	12 45	13 2	19 10		n.a.
W22	16 15	12 6	0 13	19 32	1 30	9 41	0 51	10 31	0 37	19 7	0 24	19 36	2 23	22 27	0 39	24 9	0 19	17 5	1 19	12 45	13 1	19 9		n.a.
T 23	15 57	15 14	0n53	19 49	1 15	9 11	0 49	10 14	0 36	19 9	0 24	19 37	2 23	22 27	0 39	24 9	0 19	17 5	1 19	12 45	13 0	19 8		n.a.
F 24	15 39	17 36	1 55	20 4	1 0	8 41	0 47	9 57	0 35	19 11	0 24	19 38	2 23	22 26	0 39	24 9	0 19	17 5	1 19	12 45	12 59	19 7		n.a.
S 25	15 20	19 9	2 51	20 18	0 45	8 10	0 45	9 41	0 35	19 12	0 24	19 40	2 23	22 26	0 39	24 9	0 19	17 5	1 19	12 45	12 58	19 7		n.a.
S 26	15 1	19 50	3 39	20 31	0 31	7 40	0 42	9 24	0 34	19 14	0 24	19 41	2 23	22 25	0 39	24 9	0 19	17 5	1 19	12 43	12 57	19 6		n.a.
M27	14 42	19 38	4 17	20 43	0 17	7 9	0 40	9 7	0 34	19 15	0 24	19 43	2 23	22 24	0 40	24 9	0 19	17 5	1 19	12 41	12 56	19 5		n.a.
T 28	14s23	18s35	4n44	20s53	0n 3	6s38	0s38	8s50	0s33	19s17	0n24	19n44	2n23	22s24	0s40	24n 9	0n19	17n 6	1s19	12s38	12s55	19s 4		n.a.

Julian Day Number = 981457.5, Delta T = 13h13m20s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'10, Lahiri = -31°53'09 Julian Calendar 1 Feb. 2026 BCE == Greg. Calendar 15 Jan. 2026 BCE

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

MARCH 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 24 51	23♒11'39	24♉42	28♉38	16♓ 9	9♓47	26♏12	12°R15	24♉ 1	4°R54	20♉57	2°R28	3♏23	7♉46	n.a.	W 1
T 2	9 28 48	24°10'07	6♒44	29° 4	17°22	10°30	26°17	12♎11	24° 5	4♋53	20°58	2♏15	3°20	7°52	n.a.	T 2
F 3	9 32 44	25° 8'34	18°55	29°34	18°35	11°12	26°23	12° 6	24° 8	4°52	20°58	2° 3	3°17	7°59	n.a.	F 3
S 4	9 36 41	26° 6'59	1♓16	0♒ 8	19°48	11°55	26°28	12° 2	24°11	4°51	20°58	1°51	3°13	8° 6	n.a.	S 4
S 5	9 40 37	27° 5'22	13°46	0°46	21° 1	12°37	26°34	11°58	24°14	4°50	20°58	1°41	3°10	8°12	n.a.	S 5
M 6	9 44 34	28° 3'42	26°27	1°28	22°15	13°20	26°39	11°53	24°17	4°49	20°59	1°34	3° 7	8°19	n.a.	M 6
T 7	9 48 30	29° 2'01	9♈19	2°14	23°28	14° 2	26°44	11°49	24°20	4°49	20°59	1°29	3° 4	8°26	n.a.	T 7
W 8	9 52 27	0♓ 0'17	22°23	3° 3	24°41	14°45	26°48	11°45	24°22	4°48	21° 0	1°27	3° 1	8°33	n.a.	W 8
T 9	9 56 23	0°58'31	5♉40	3°55	25°54	15°27	26°53	11°40	24°25	4°47	21° 0	1°D27	2°57	8°39	n.a.	T 9
F 10	10 0 20	1°56'43	19°12	4°51	27° 7	16° 9	26°57	11°36	24°28	4°46	21° 0	1°27	2°54	8°46	n.a.	F 10
S 11	10 4 17	2°54'53	2♊59	5°49	28°19	16°51	27° 2	11°32	24°31	4°46	21° 1	1°R28	2°51	8°53	n.a.	S 11
S 12	10 8 13	3°53'00	17° 4	6°51	29°32	17°33	27° 6	11°28	24°34	4°45	21° 1	1°27	2°48	8°59	n.a.	S 12
M13	10 12 10	4°51'06	1♋24	7°55	0♈45	18°15	27° 9	11°24	24°37	4°44	21° 2	1°24	2°45	9° 6	n.a.	M13
T 14	10 16 6	5°49'09	15°58	9° 2	1°58	18°57	27°13	11°20	24°40	4°44	21° 2	1°19	2°42	9°13	n.a.	T 14
W15	10 20 3	6°47'10	0♌41	10°11	3°11	19°39	27°17	11°16	24°42	4°43	21° 3	1°12	2°38	9°20	n.a.	W15
T 16	10 23 59	7°45'09	15°25	11°23	4°23	20°21	27°20	11°12	24°45	4°42	21° 3	1° 4	2°35	9°26	n.a.	T 16
F 17	10 27 56	8°43'07	0♍ 5	12°37	5°36	21° 3	27°23	11° 8	24°48	4°42	21° 4	0°56	2°32	9°33	n.a.	F 17
S 18	10 31 52	9°41'02	14°31	13°54	6°48	21°45	27°26	11° 5	24°50	4°41	21° 5	0°49	2°29	9°40	n.a.	S 18
S 19	10 35 49	10°38'55	28°37	15°13	8° 1	22°27	27°29	11° 1	24°53	4°41	21° 5	0°43	2°26	9°46	n.a.	S 19
M20	10 39 45	11°36'47	12♎21	16°34	9°13	23° 9	27°32	10°57	24°56	4°40	21° 6	0°40	2°22	9°53	n.a.	M20
T 21	10 43 42	12°34'38	25°39	17°57	10°26	23°50	27°34	10°54	24°58	4°40	21° 7	0°D38	2°19	10° 0	n.a.	T 21
W22	10 47 39	13°32'26	8♏33	19°23	11°38	24°32	27°37	10°50	25° 1	4°39	21° 7	0°38	2°16	10° 7	n.a.	W22
T 23	10 51 35	14°30'14	21° 6	20°51	12°50	25°14	27°39	10°47	25° 3	4°39	21° 8	0°39	2°13	10°13	n.a.	T 23
F 24	10 55 32	15°28'00	3♐21	22°20	14° 3	25°55	27°41	10°43	25° 6	4°39	21° 9	0°41	2°10	10°20	n.a.	F 24
S 25	10 59 28	16°25'45	15°23	23°52	15°15	26°37	27°42	10°40	25° 8	4°39	21° 9	0°R41	2° 7	10°27	n.a.	S 25
S 26	11 3 25	17°23'28	27°17	25°26	16°27	27°18	27°44	10°37	25°10	4°38	21°10	0°41	2° 3	10°33	n.a.	S 26
M27	11 7 21	18°21'11	9♑ 9	27° 2	17°39	28° 0	27°45	10°34	25°13	4°38	21°11	0°39	2° 0	10°40	n.a.	M27
T 28	11 11 18	19°18'51	21° 2	28°40	18°51	28°41	27°47	10°31	25°15	4°38	21°12	0°35	1°57	10°47	n.a.	T 28
W29	11 15 14	20°16'31	3♒ 1	0♓20	20° 3	29°23	27°48	10°28	25°17	4°38	21°13	0°29	1°54	10°54	n.a.	W29
T 30	11 19 11	21°14'09	15°10	2° 2	21°15	0♈ 4	27°48	10°25	25°20	4°38	21°14	0°22	1°51	11° 0	n.a.	T 30
F 31	11 23 8	22♓11'46	27♒29	3♓46	22♈27	0♈45	27♏49	10♎22	25♉22	4♋37	21♉14	0♏16	1♏48	11♉ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	14s 4	16s43	4n59	21s 1	0s10	6s 7	0s35	8s33	0s32	19s18	0n24	19n45	2n23	22s23	0s40	24n 9	0n19	17n 6	1s19	12s34	12s54	19s 4			n.a.
T 2	13 44	14 7	5 1	21 8	0 23	5 36	0 33	8 16	0 32	19 20	0 24	19 46	2 23	22 23	0 40	24 9	0 19	17 6	1 19	12 30	12 52	19 3			n.a.
F 3	13 24	10 53	4 49	21 13	0 35	5 4	0 30	7 59	0 31	19 21	0 24	19 48	2 23	22 22	0 40	24 9	0 19	17 6	1 18	12 26	12 51	19 2			n.a.
S 4	13 4	7 9	4 24	21 17	0 46	4 33	0 28	7 42	0 31	19 22	0 24	19 49	2 23	22 22	0 40	24 9	0 19	17 6	1 18	12 21	12 50	19 1			n.a.
S 5	12 44	3 3	3 45	21 20	0 57	4 1	0 25	7 25	0 30	19 24	0 24	19 50	2 23	22 21	0 40	24 9	0 19	17 6	1 18	12 18	12 49	19 0			n.a.
M 6	12 23	1n14	2 55	21 20	1 8	3 29	0 23	7 8	0 29	19 25	0 24	19 51	2 23	22 21	0 40	24 9	0 19	17 7	1 18	12 15	12 48	19 0			n.a.
T 7	12 3	5 31	1 55	21 19	1 18	2 57	0 20	6 51	0 29	19 26	0 24	19 53	2 23	22 20	0 40	24 9	0 19	17 7	1 18	12 14	12 47	18 59			n.a.
W 8	11 42	9 38	0 48	21 17	1 27	2 26	0 18	6 34	0 28	19 27	0 24	19 54	2 23	22 20	0 40	24 9	0 19	17 7	1 18	12 13	12 46	18 58			n.a.
T 9	11 21	13 19	0s23	21 13	1 36	1 54	0 15	6 16	0 28	19 29	0 23	19 55	2 23	22 19	0 40	24 9	0 19	17 7	1 18	12 13	12 45	18 57			n.a.
F 10	11 0	16 23	1 33	21 7	1 44	1 22	0 12	5 59	0 27	19 30	0 23	19 56	2 23	22 19	0 40	24 9	0 19	17 7	1 18	12 13	12 44	18 56			n.a.
S 11	10 38	18 33	2 40	20 59	1 51	0 50	0 10	5 42	0 26	19 31	0 23	19 57	2 23	22 18	0 40	24 9	0 19	17 8	1 18	12 13	12 43	18 56			n.a.
S 12	10 17	19 39	3 39	20 50	1 58	0 18	0 7	5 25	0 26	19 32	0 23	19 58	2 23	22 18	0 40	24 10	0 19	17 8	1 18	12 13	12 41	18 55			n.a.
M13	9 55	19 30	4 25	20 39	2 4	0n14	0 4	5 7	0 25	19 33	0 23	20 0	2 23	22 17	0 40	24 10	0 19	17 8	1 18	12 12	12 40	18 54			n.a.
T 14	9 34	18 4	4 55	20 27	2 10	0 47	0 1	4 50	0 25	19 34	0 23	20 1	2 23	22 17	0 40	24 10	0 19	17 8	1 17	12 10	12 39	18 53			n.a.
W15	9 12	15 26	5 6	20 13	2 15	1 19	0n 1	4 33	0 24	19 34	0 23	20 2	2 23	22 16	0 40	24 10	0 19	17 8	1 17	12 8	12 38	18 52			n.a.
T 16	8 50	11 49	4 56	19 57	2 19	1 50	0 4	4 15	0 23	19 35	0 23	20 3	2 23	22 16	0 40	24 10	0 19	17 9	1 17	12 5	12 37	18 52			n.a.
F 17	8 28	7 30	4 27	19 39	2 23	2 22	0 7	3 58	0 23	19 36	0 23	20 4	2 23	22 15	0 40	24 10	0 19	17 9	1 17	12 2	12 36	18 51			n.a.
S 18	8 6	2 49	3 42	19 19	2 26	2 54	0 10	3 40	0 22	19 37	0 23	20 5	2 23	22 15	0 40	24 10	0 19	17 9	1 17	11 59	12 35	18 50			n.a.
S 19	7 43	1s56	2 44	18 58	2 29	3 26	0 13	3 23	0 22	19 38	0 23	20 6	2 22	22 14	0 40	24 10	0 19	17 9	1 17	11 57	12 34	18 49			n.a.
M20	7 21	6 27	1 37	18 35	2 31	3 58	0 16	3 6	0 21	19 38	0 23	20 7	2 22	22 14	0 40	24 10	0 19	17 10	1 17	11 56	12 32	18 48			n.a.
T 21	6 58	10 32	0 27	18 10	2 33	4 30	0 18	2 48	0 20	19 39	0 23	20 8	2 22	22 14	0 40	24 10	0 19	17 10	1 17	11 56	12 31	18 47			n.a.
W22	6 36	13 58	0n43	17 44	2 33	5 1	0 21	2 31	0 20	19 40	0 23	20 9	2 22	22 13	0 40	24 10	0 19	17 10	1 17	11 56	12 30	18 47			n.a.
T 23	6 13	16 39	1 48	17 15	2 34	5 32	0 24	2 14	0 19	19 40	0 23	20 9	2 22	22 13	0 40	24 10	0 19	17 11	1 17	11 56	12 29	18 46			n.a.
F 24	5 50	18 31	2 47	16 45	2 33	6 4	0 27	1 56	0 19	19 41	0 22	20 10	2 22	22 12	0 40	24 10	0 19	17 11	1 17	11 56	12 28	18 45			n.a.
S 25	5 28	19 29	3 38	16 13	2 32	6 35	0 30	1 39	0 18	19 41	0 22	20 11	2 22	22 12	0 40	24 10	0 19	17 11	1 16	11 57	12 27	18 44			n.a.
S 26	5 5	19 35	4 19	15 40	2 31	7 6	0 33	1 21	0 17	19 42	0 22	20 12	2 22	22 11	0 40	24 10	0 19	17 11	1 16	11 57	12 26	18 43			n.a.
M27	4 42	18 49	4 48	15 4	2 29	7 37	0 36	1 4	0 17	19 42	0 22	20 13	2 22	22 11	0 40	24 10	0 19	17 12	1 16	11 56	12 25	18 42			n.a.
T 28	4 19	17 13	5 5	14 27	2 26	8 8	0 39	0 47	0 16	19 42	0 22	20 14	2 22	22 11	0 40	24 10	0 19	17 12	1 16	11 54	12 24	18 42			n.a.
W29	3 56	14 52	5 9	13 48	2 23	8 38	0 42	0 29	0 16	19 43	0 22	20 14	2 22	22 10	0 40	24 10	0 19	17 12	1 16	11 52	12 22	18 41			n.a.
T 30	3 33	11 51	4 59	13 7	2 19	9 8	0 44	0 12	0 15	19 43	0 22	20 15	2 21	22 10	0 40	24 10	0 19	17 13	1 16	11 50	12 21	18 40			n.a.
F 31	3s 9	8s17	4n36	12s25	2s15	9n38	0n47	0n 5	0s14	19s43	0n22	20n16	2n21	22s 9	0s40	24n10	0n19	17n13	1s16	11s48	12s20	18s39			n.a.

Julian Day Number = 981485.5, Delta T = 13h13m18s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'06, Lahiri = -31°53'05 Julian Calendar 1 March 2026 BCE == Greg. Calendar 12 Feb. 2026 BCE

The year -2025 astronomical counting style corresponds to year 2026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

APRIL 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 27 4	23♓ 9'22	10♓ 2	5♓32	23♈39	1♈26	27♏49	10°R19	25♑24	4°R37	21♉15	0°R 9	1♏44	11♑14	n.a.	S 1
S 2	11 31 1	24° 6'56	22°48	7°21	24°51	2° 8	27°50	10♌16	25°26	4♋37	21°16	0♏ 4	1°41	11°20	n.a.	S 2
M 3	11 34 57	25° 4'29	5♈49	9°11	26° 3	2°49	27°R50	10°14	25°28	4°D37	21°17	0° 0	1°38	11°27	n.a.	M 3
T 4	11 38 54	26° 2'00	19° 2	11° 3	27°14	3°30	27°49	10°11	25°30	4°37	21°18	29♎58	1°35	11°34	n.a.	T 4
W 5	11 42 50	26°59'30	2♉28	12°57	28°26	4°11	27°49	10° 9	25°32	4°37	21°19	29°D57	1°32	11°41	n.a.	W 5
T 6	11 46 47	27°56'59	16° 5	14°53	29°38	4°52	27°49	10° 6	25°34	4°37	21°20	29°58	1°28	11°47	n.a.	T 6
F 7	11 50 43	28°54'26	29°53	16°51	0♉49	5°33	27°48	10° 4	25°36	4°38	21°21	29°59	1°25	11°54	n.a.	F 7
S 8	11 54 40	29°51'52	13♊50	18°51	2° 1	6°14	27°47	10° 2	25°38	4°38	21°22	0♏ 1	1°22	12° 1	n.a.	S 8
S 9	11 58 36	0♈49'16	27°56	20°53	3°12	6°55	27°46	10° 0	25°40	4°38	21°23	0°R 2	1°19	12° 7	n.a.	S 9
M10	12 2 33	1°46'39	12♋10	22°57	4°24	7°36	27°45	9°58	25°42	4°38	21°24	0° 1	1°16	12°14	n.a.	M10
T 11	12 6 30	2°44'00	26°28	25° 2	5°35	8°16	27°43	9°56	25°44	4°38	21°25	29♎59	1°13	12°21	n.a.	T 11
W12	12 10 26	3°41'20	10♌48	27° 8	6°46	8°57	27°42	9°54	25°46	4°39	21°27	29°57	1° 9	12°28	n.a.	W12
T 13	12 14 23	4°38'38	25° 6	29°16	7°57	9°38	27°40	9°53	25°47	4°39	21°28	29°54	1° 6	12°34	n.a.	T 13
F 14	12 18 19	5°35'55	9♍18	1♈26	9° 8	10°19	27°38	9°51	25°49	4°39	21°29	29°50	1° 3	12°41	n.a.	F 14
S 15	12 22 16	6°33'11	23°18	3°36	10°19	10°59	27°35	9°49	25°51	4°40	21°30	29°47	1° 0	12°48	n.a.	S 15
S 16	12 26 12	7°30'26	7♎ 4	5°46	11°30	11°40	27°33	9°48	25°52	4°40	21°31	29°45	0°57	12°54	n.a.	S 16
M17	12 30 9	8°27'40	20°31	7°58	12°41	12°20	27°31	9°47	25°54	4°41	21°32	29°44	0°53	13° 1	n.a.	M17
T 18	12 34 5	9°24'53	3♏39	10° 9	13°52	13° 1	27°28	9°45	25°55	4°41	21°33	29°D44	0°50	13° 8	n.a.	T 18
W19	12 38 2	10°22'06	16°28	12°21	15° 3	13°41	27°25	9°44	25°57	4°42	21°35	29°44	0°47	13°15	n.a.	W19
T 20	12 41 59	11°19'17	28°58	14°32	16°14	14°22	27°22	9°43	25°58	4°42	21°36	29°46	0°44	13°21	n.a.	T 20
F 21	12 45 55	12°16'28	11♐14	16°42	17°24	15° 2	27°19	9°42	25°59	4°43	21°37	29°47	0°41	13°28	n.a.	F 21
S 22	12 49 52	13°13'39	23°18	18°52	18°35	15°43	27°15	9°41	26° 1	4°43	21°38	29°48	0°38	13°35	n.a.	S 22
S 23	12 53 48	14°10'49	5♑14	21° 1	19°45	16°23	27°11	9°40	26° 2	4°44	21°40	29°49	0°34	13°41	n.a.	S 23
M24	12 57 45	15° 7'59	17° 7	23° 8	20°56	17° 3	27° 8	9°40	26° 3	4°45	21°41	29°R49	0°31	13°48	n.a.	M24
T 25	13 1 41	16° 5'08	29° 2	25°14	22° 6	17°44	27° 4	9°39	26° 4	4°45	21°42	29°49	0°28	13°55	n.a.	T 25
W26	13 5 38	17° 2'17	11♒ 3	27°18	23°16	18°24	27° 0	9°39	26° 5	4°46	21°44	29°48	0°25	14° 2	n.a.	W26
T 27	13 9 35	17°59'25	23°14	29°21	24°27	19° 4	26°55	9°38	26° 7	4°47	21°45	29°47	0°22	14° 8	n.a.	T 27
F 28	13 13 31	18°56'33	5♓39	1♉21	25°37	19°44	26°51	9°38	26° 8	4°48	21°46	29°45	0°19	14°15	n.a.	F 28
S 29	13 17 28	19°53'40	18°20	3°19	26°47	20°24	26°46	9°38	26° 9	4°48	21°48	29°44	0°15	14°22	n.a.	S 29
S 30	13 21 24	20♈50'47	1♈20	5♉15	27♉57	21♈ 4	26♏41	9°D38	26♑10	4♋49	21♉49	29♎43	0♏12	14♑28	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s46	4s18	3n58	11s40	2s10	10n 8	0n50	0n22	0s14	19s43	0n22	20n16	2n21	22s 9	0s40	24n10	0n19	17n13	1s16	11s45	12s19	18s38		n.a.
S 2	2 23	0 2	3 8	10 54	2 4	10 38	0 53	0 40	0 13	19 43	0 22	20 17	2 21	22 9	0 40	24 10	0 19	17 14	1 16	11 43	12 18	18 37		n.a.
M 3	2 0	4n18	2 8	10 7	1 58	11 7	0 56	0 57	0 13	19 43	0 22	20 18	2 21	22 8	0 40	24 10	0 19	17 14	1 16	11 42	12 17	18 36		n.a.
T 4	1 36	8 31	0 59	9 17	1 52	11 36	0 59	1 14	0 12	19 43	0 22	20 18	2 21	22 8	0 40	24 10	0 19	17 14	1 16	11 41	12 16	18 36		n.a.
W 5	1 13	12 21	0s14	8 26	1 45	12 5	1 1	1 31	0 11	19 43	0 22	20 19	2 21	22 8	0 40	24 10	0 19	17 15	1 15	11 41	12 15	18 35		n.a.
T 6	0 50	15 36	1 27	7 33	1 37	12 34	1 4	1 48	0 11	19 43	0 21	20 19	2 21	22 7	0 41	24 10	0 19	17 15	1 15	11 41	12 13	18 34		n.a.
F 7	0 27	17 59	2 36	6 39	1 29	13 2	1 7	2 6	0 10	19 43	0 21	20 20	2 20	22 7	0 41	24 10	0 19	17 15	1 15	11 42	12 12	18 33		n.a.
S 8	0 3	19 20	3 37	5 44	1 21	13 30	1 10	2 23	0 10	19 43	0 21	20 20	2 20	22 7	0 41	24 10	0 19	17 16	1 15	11 42	12 11	18 32		n.a.
S 9	0n20	19 29	4 26	4 47	1 12	13 58	1 12	2 40	0 9	19 43	0 21	20 21	2 20	22 6	0 41	24 10	0 19	17 16	1 15	11 43	12 10	18 31		n.a.
M10	0 43	18 24	4 58	3 49	1 2	14 25	1 15	2 57	0 8	19 43	0 21	20 21	2 20	22 6	0 41	24 10	0 19	17 16	1 15	11 42	12 9	18 30		n.a.
T 11	1 6	16 10	5 13	2 49	0 53	14 52	1 17	3 14	0 8	19 43	0 21	20 21	2 20	22 6	0 41	24 10	0 19	17 17	1 15	11 42	12 8	18 29		n.a.
W12	1 30	12 57	5 8	1 49	0 43	15 18	1 20	3 31	0 7	19 42	0 21	20 22	2 20	22 5	0 41	24 10	0 19	17 17	1 15	11 41	12 7	18 28		n.a.
T 13	1 53	8 58	4 44	0 48	0 33	15 45	1 23	3 47	0 7	19 42	0 21	20 22	2 20	22 5	0 41	24 10	0 19	17 18	1 15	11 40	12 6	18 28		n.a.
F 14	2 16	4 30	4 2	0n14	0 22	16 10	1 25	4 4	0 6	19 42	0 21	20 22	2 19	22 5	0 41	24 10	0 19	17 18	1 15	11 39	12 4	18 27		n.a.
S 15	2 39	0s 9	3 7	1 17	0 12	16 36	1 28	4 21	0 5	19 41	0 21	20 23	2 19	22 4	0 41	24 10	0 19	17 18	1 15	11 37	12 3	18 26		n.a.
S 16	3 2	4 43	2 2	2 19	0 1	17 1	1 30	4 38	0 5	19 41	0 21	20 23	2 19	22 4	0 41	24 10	0 19	17 19	1 15	11 37	12 2	18 25		n.a.
M17	3 25	8 57	0 51	3 22	0n 9	17 25	1 32	4 54	0 4	19 40	0 20	20 23	2 19	22 4	0 41	24 10	0 19	17 19	1 14	11 36	12 1	18 24		n.a.
T 18	3 48	12 39	0n22	4 24	0 20	17 49	1 35	5 11	0 4	19 40	0 20	20 23	2 19	22 4	0 41	24 10	0 19	17 19	1 14	11 36	12 0	18 23		n.a.
W19	4 11	15 39	1 31	5 26	0 30	18 13	1 37	5 28	0 3	19 39	0 20	20 24	2 19	22 3	0 41	24 10	0 19	17 20	1 14	11 36	11 59	18 22		n.a.
T 20	4 34	17 50	2 34	6 27	0 40	18 36	1 39	5 44	0 2	19 39	0 20	20 24	2 18	22 3	0 41	24 10	0 19	17 20	1 14	11 37	11 58	18 21		n.a.
F 21	4 57	19 7	3 29	7 28	0 50	18 59	1 41	6 1	0 2	19 38	0 20	20 24	2 18	22 3	0 41	24 10	0 19	17 21	1 14	11 37	11 57	18 20		n.a.
S 22	5 19	19 31	4 14	8 27	0 59	19 22	1 44	6 17	0 1	19 37	0 20	20 24	2 18	22 3	0 41	24 10	0 19	17 21	1 14	11 38	11 55	18 19		n.a.
S 23	5 42	19 2	4 48	9 25	1 8	19 43	1 46	6 34	0 1	19 36	0 20	20 24	2 18	22 3	0 41	24 10	0 19	17 22	1 14	11 38	11 54	18 18		n.a.
M24	6 5	17 42	5 8	10 21	1 17	20 5	1 48	6 50	0 0	19 36	0 20	20 24	2 18	22 2	0 41	24 10	0 19	17 22	1 14	11 38	11 53	18 17		n.a.
T 25	6 27	15 37	5 16	11 16	1 25	20 25	1 50	7 6	0n 1	19 35	0 20	20 24	2 18	22 2	0 41	24 10	0 19	17 22	1 14	11 38	11 52	18 16		n.a.
W26	6 49	12 51	5 10	12 9	1 32	20 46	1 51	7 22	0 1	19 34	0 19	20 24	2 17	22 2	0 41	24 10	0 19	17 23	1 14	11 38	11 51	18 16		n.a.
T 27	7 12	9 29	4 50	13 0	1 39	21 5	1 53	7 38	0 2	19 33	0 19	20 24	2 17	22 2	0 41	24 10	0 19	17 23	1 14	11 37	11 50	18 15		n.a.
F 28	7 34	5 40	4 16	13 49	1 45	21 25	1 55	7 54	0 2	19 32	0 19	20 24	2 17	22 2	0 41	24 10	0 19	17 24	1 14	11 37	11 49	18 14		n.a.
S 29	7 56	1 30	3 29	14 36	1 51	21 43	1 57	8 10	0 3	19 31	0 19	20 24	2 17	22 2	0 41	24 10	0 19	17 24	1 13	11 36	11 47	18 13		n.a.
S 30	8n18	2n50	2n31	15n21	1n56	22n 1	1n58	8n26	0n 3	19s30	0n19	20n24	2n17	22s 1	0s41	24n 9	0n19	17n24	1s13	11s36	11s46	18s12		n.a.

Julian Day Number = 981516.5, Delta T = 13h13m16s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -31°00'02, Lahiri = -31°53'01 Julian Calendar 1 Apr. 2026 BCE == Greg. Calendar 15 March 2026 BCE

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

MAY 2026 BCE (-2025) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 25 21	21♈47'54	14♈38	7♉ 9	29♉ 7	21♈44	26°R36	9♘38	26♑10	4♋50	21♉50	29°R42	0♏ 9	14♑35	n.a.	M 1
T 2	13 29 17	22°45'00	28°13	9° 1	0♊16	22°25	26♏31	9°38	26°11	4°51	21°52	29°D42	0° 6	14°42	n.a.	T 2
W 3	13 33 14	23°42'06	12♉ 5	10°51	1°26	23° 5	26°26	9°38	26°12	4°52	21°53	29♎42	0° 3	14°49	n.a.	W 3
T 4	13 37 10	24°39'12	26° 8	12°38	2°36	23°44	26°21	9°38	26°13	4°53	21°55	29°42	29♎59	14°55	n.a.	T 4
F 5	13 41 7	25°36'17	10♊21	14°23	3°45	24°24	26°15	9°39	26°14	4°54	21°56	29°43	29°56	15° 2	n.a.	F 5
S 6	13 45 4	26°33'21	24°38	16° 5	4°55	25° 4	26°10	9°39	26°14	4°55	21°57	29°43	29°53	15° 9	n.a.	S 6
S 7	13 49 0	27°30'25	8♋57	17°45	6° 4	25°44	26° 4	9°40	26°15	4°56	21°59	29°43	29°50	15°15	n.a.	S 7
M 8	13 52 57	28°27'28	23°14	19°23	7°14	26°24	25°58	9°41	26°15	4°57	22° 0	29°43	29°47	15°22	n.a.	M 8
T 9	13 56 53	29°24'31	7♌27	20°58	8°23	27° 4	25°52	9°41	26°16	4°58	22° 2	29°43	29°44	15°29	n.a.	T 9
W10	14 0 50	0♍21'34	21°32	22°31	9°32	27°43	25°46	9°42	26°16	4°59	22° 3	29°43	29°40	15°36	n.a.	W10
T 11	14 4 46	1°18'35	5♏28	24° 2	10°41	28°23	25°39	9°43	26°17	5° 1	22° 5	29°43	29°37	15°42	n.a.	T 11
F 12	14 8 43	2°15'37	19°14	25°30	11°50	29° 3	25°33	9°44	26°17	5° 2	22° 6	29°44	29°34	15°49	n.a.	F 12
S 13	14 12 39	3°12'38	2♎47	26°55	12°58	29°42	25°26	9°46	26°18	5° 3	22° 8	29°44	29°31	15°56	n.a.	S 13
S 14	14 16 36	4° 9'39	16° 6	28°18	14° 7	0♍22	25°20	9°47	26°18	5° 4	22° 9	29°44	29°28	16° 3	n.a.	S 14
M15	14 20 33	5° 6'40	29°12	29°39	15°16	1° 2	25°13	9°48	26°18	5° 6	22°11	29°R44	29°25	16° 9	n.a.	M15
T 16	14 24 29	6° 3'40	12♏ 3	0♊57	16°24	1°41	25° 6	9°50	26°18	5° 7	22°12	29°44	29°21	16°16	n.a.	T 16
W17	14 28 26	7° 0'41	24°40	2°12	17°33	2°21	24°59	9°51	26°18	5° 8	22°14	29°44	29°18	16°23	n.a.	W17
T 18	14 32 22	7°57'43	7♐ 3	3°25	18°41	3° 0	24°52	9°53	26°18	5°10	22°15	29°43	29°15	16°29	n.a.	T 18
F 19	14 36 19	8°54'44	19°15	4°34	19°49	3°40	24°45	9°55	26°R18	5°11	22°17	29°42	29°12	16°36	n.a.	F 19
S 20	14 40 15	9°51'46	1♑17	5°42	20°57	4°19	24°38	9°57	26°18	5°12	22°18	29°40	29° 9	16°43	n.a.	S 20
S 21	14 44 12	10°48'48	13°12	6°46	22° 5	4°58	24°31	9°58	26°18	5°14	22°20	29°39	29° 5	16°50	n.a.	S 21
M22	14 48 9	11°45'51	25° 6	7°47	23°13	5°38	24°24	10° 1	26°18	5°15	22°21	29°38	29° 2	16°56	n.a.	M22
T 23	14 52 5	12°42'54	7♒ 0	8°45	24°20	6°17	24°16	10° 3	26°18	5°17	22°23	29°37	28°59	17° 3	n.a.	T 23
W24	14 56 2	13°39'58	19° 0	9°40	25°28	6°56	24° 9	10° 5	26°18	5°18	22°24	29°D37	28°56	17°10	n.a.	W24
T 25	14 59 58	14°37'02	1♓11	10°32	26°35	7°36	24° 1	10° 7	26°18	5°20	22°26	29°38	28°53	17°16	n.a.	T 25
F 26	15 3 55	15°34'07	13°37	11°20	27°42	8°15	23°54	10°10	26°17	5°21	22°28	29°39	28°50	17°23	n.a.	F 26
S 27	15 7 51	16°31'12	26°21	12° 5	28°49	8°54	23°46	10°12	26°17	5°23	22°29	29°40	28°46	17°30	n.a.	S 27
S 28	15 11 48	17°28'19	9♈27	12°46	29°56	9°33	23°39	10°15	26°17	5°25	22°31	29°42	28°43	17°37	n.a.	S 28
M29	15 15 44	18°25'25	22°56	13°23	1♋ 3	10°12	23°31	10°17	26°16	5°26	22°32	29°R42	28°40	17°43	n.a.	M29
T 30	15 19 41	19°22'33	6♉48	13°56	2°10	10°51	23°23	10°20	26°16	5°28	22°34	29°42	28°37	17°50	n.a.	T 30
W31	15 23 38	20♉19'41	21♉ 1	14♊26	3♋17	11♉31	23♏16	10♘23	26♑15	5♋29	22♉35	29♎41	28♎34	17♑57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	8n40	7n 9	1n23	16n 4	2n 0	22n19	2n 0	8n42	0n 4	19s29	0n19	20n23	2n17	22s 1	0s41	24n 9	0n19	17n25	1s13	11s35	11s45	18s11			n.a.
T 2	9 1	11 11	0 8	16 44	2 4	22 36	2 1	8 58	0 5	19 28	0 19	20 23	2 16	22 1	0 41	24 9	0 19	17 25	1 13	11 35	11 44	18 10			n.a.
W 3	9 23	14 41	1s 8	17 23	2 7	22 52	2 3	9 14	0 5	19 27	0 19	20 23	2 16	22 1	0 42	24 9	0 19	17 26	1 13	11 35	11 43	18 9			n.a.
T 4	9 44	17 23	2 21	17 59	2 9	23 8	2 4	9 29	0 6	19 26	0 19	20 23	2 16	22 1	0 42	24 9	0 19	17 26	1 13	11 36	11 42	18 8			n.a.
F 5	10 6	19 3	3 27	18 33	2 10	23 23	2 5	9 45	0 6	19 25	0 18	20 22	2 16	22 1	0 42	24 9	0 19	17 27	1 13	11 36	11 41	18 7			n.a.
S 6	10 27	19 29	4 20	19 4	2 11	23 37	2 6	10 0	0 7	19 23	0 18	20 22	2 16	22 1	0 42	24 9	0 19	17 27	1 13	11 36	11 39	18 6			n.a.
S 7	10 48	18 41	4 57	19 34	2 11	23 51	2 7	10 16	0 8	19 22	0 18	20 22	2 16	22 1	0 42	24 9	0 19	17 28	1 13	11 36	11 38	18 5			n.a.
M 8	11 8	16 42	5 15	20 1	2 11	24 4	2 8	10 31	0 8	19 21	0 18	20 21	2 15	22 1	0 42	24 9	0 19	17 28	1 13	11 36	11 37	18 4			n.a.
T 9	11 29	13 43	5 14	20 26	2 10	24 17	2 9	10 46	0 9	19 19	0 18	20 21	2 15	22 0	0 42	24 9	0 19	17 28	1 13	11 36	11 36	18 3			n.a.
W10	11 50	9 58	4 54	20 50	2 8	24 28	2 10	11 1	0 9	19 18	0 18	20 21	2 15	22 0	0 42	24 9	0 19	17 29	1 13	11 36	11 35	18 2			n.a.
T 11	12 10	5 42	4 18	21 11	2 5	24 40	2 11	11 16	0 10	19 17	0 18	20 20	2 15	22 0	0 42	24 9	0 19	17 29	1 13	11 36	11 34	18 1			n.a.
F 12	12 30	1 12	3 26	21 30	2 2	24 50	2 12	11 31	0 10	19 15	0 17	20 20	2 15	22 0	0 42	24 9	0 19	17 30	1 13	11 36	11 33	18 0			n.a.
S 13	12 50	3s19	2 24	21 47	1 58	25 0	2 12	11 46	0 11	19 14	0 17	20 19	2 14	22 0	0 42	24 9	0 19	17 30	1 12	11 36	11 31	17 59			n.a.
S 14	13 10	7 36	1 15	22 2	1 54	25 9	2 13	12 1	0 12	19 12	0 17	20 19	2 14	22 0	0 42	24 9	0 19	17 31	1 12	11 36	11 30	17 58			n.a.
M15	13 29	11 27	0 3	22 15	1 49	25 18	2 13	12 15	0 12	19 11	0 17	20 18	2 14	22 0	0 42	24 9	0 19	17 31	1 12	11 36	11 29	17 57			n.a.
T 16	13 49	14 41	1n 8	22 26	1 43	25 25	2 13	12 30	0 13	19 9	0 17	20 18	2 14	22 0	0 42	24 9	0 19	17 32	1 12	11 36	11 28	17 56			n.a.
W17	14 8	17 9	2 14	22 36	1 37	25 32	2 13	12 44	0 13	19 8	0 17	20 17	2 14	22 0	0 42	24 9	0 19	17 32	1 12	11 36	11 27	17 55			n.a.
T 18	14 27	18 46	3 12	22 44	1 30	25 39	2 13	12 59	0 14	19 6	0 17	20 16	2 14	22 0	0 42	24 9	0 19	17 33	1 12	11 36	11 26	17 54			n.a.
F 19	14 45	19 29	4 1	22 50	1 22	25 44	2 13	13 13	0 14	19 5	0 16	20 16	2 13	22 0	0 42	24 9	0 19	17 33	1 12	11 35	11 25	17 53			n.a.
S 20	15 4	19 17	4 38	22 54	1 14	25 49	2 13	13 27	0 15	19 3	0 16	20 15	2 13	22 0	0 42	24 9	0 19	17 34	1 12	11 35	11 23	17 52			n.a.
S 21	15 22	18 13	5 3	22 57	1 6	25 54	2 13	13 41	0 16	19 1	0 16	20 14	2 13	22 0	0 42	24 9	0 19	17 34	1 12	11 34	11 22	17 51			n.a.
M22	15 40	16 23	5 15	22 59	0 56	25 57	2 13	13 55	0 16	19 0	0 16	20 14	2 13	22 1	0 42	24 9	0 19	17 34	1 12	11 34	11 21	17 50			n.a.
T 23	15 58	13 51	5 14	22 58	0 47	26 0	2 12	14 9	0 17	18 58	0 16	20 13	2 13	22 1	0 42	24 8	0 19	17 35	1 12	11 34	11 20	17 49			n.a.
W24	16 16	10 42	4 58	22 57	0 36	26 2	2 12	14 23	0 17	18 56	0 16	20 12	2 13	22 1	0 42	24 8	0 19	17 35	1 12	11 34	11 19	17 48			n.a.
T 25	16 33	7 5	4 30	22 54	0 25	26 4	2 11	14 36	0 18	18 54	0 16	20 11	2 12	22 1	0 42	24 8	0 19	17 36	1 12	11 34	11 18	17 47			n.a.
F 26	16 50	3 4	3 48	22 50	0 14	26 4	2 10	14 50	0 18	18 53	0 15	20 10	2 12	22 1	0 42	24 8	0 19	17 36	1 12	11 34	11 17	17 46			n.a.
S 27	17 7	1n10	2 54	22 44	0 2	26 4	2 9	15 3	0 19	18 51	0 15	20 9	2 12	22 1	0 42	24 8	0 19	17 37	1 12	11 35	11 15	17 45			n.a.
S 28	17 23	5 29	1 50	22 37	0s10	26 4	2 8	15 16	0 20	18 49	0 15	20 9	2 12	22 1	0 42	24 8	0 19	17 37	1 11	11 35	11 14	17 44			n.a.
M29	17 40	9 40	0 37	22 30	0 23	26 2	2 7	15 30	0 20	18 47	0 15	20 8	2 12	22 1	0 43	24 8	0 20	17 38	1 11	11 36	11 13	17 43			n.a.
T 30	17 56	13 27	0s39	22 21	0 36	26 0	2 6	15 43	0 21	18 46	0 15	20 7	2 12	22 1	0 43	24 8	0 20	17 38	1 11	11 36	11 12	17 42			n.a.
W31	18n11	16n32	1s55	22n11	0s49	25n57	2n 4	15n56	0n21	18s44	0n15	20n 6	2n11	22s 1	0s43	24n 8	0n20	17n39	1s11	11s35	11s11	17s41			n.a.

Julian Day Number = 981546.5, Delta T = 13h13m14s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'58, Lahiri = -31°52'57 Julian Calendar 1 May 2026 BCE == Greg. Calendar 14 Apr. 2026 BCE

The year -2025 astronomical counting style corresponds to year 2026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

JUNE 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 27 34	21♉16'50	5♊30	14♊51	4♋23	12♉10	23°R 8	10♌26	26°R15	5♋31	22♉37	29°R39	28♎30	18♑ 4	n.a.	T 1
F 2	15 31 31	22°13'59	20°10	15°11	5°29	12°49	23♏ 0	10°29	26♑14	5°33	22°38	29♎37	28°27	18°10	n.a.	F 2
S 3	15 35 27	23°11'09	4♋54	15°27	6°35	13°28	22°52	10°32	26°13	5°35	22°40	29°34	28°24	18°17	n.a.	S 3
S 4	15 39 24	24° 8'20	19°33	15°38	7°41	14° 7	22°45	10°35	26°13	5°36	22°42	29°31	28°21	18°24	n.a.	S 4
M 5	15 43 20	25° 5'30	4♌ 4	15°45	8°47	14°46	22°37	10°39	26°12	5°38	22°43	29°28	28°18	18°30	n.a.	M 5
T 6	15 47 17	26° 2'42	18°20	15°R47	9°53	15°25	22°29	10°42	26°11	5°40	22°45	29°27	28°15	18°37	n.a.	T 6
W 7	15 51 14	26°59'53	2♍21	15°43	10°58	16° 4	22°22	10°45	26°10	5°42	22°46	29°D27	28°11	18°44	n.a.	W 7
T 8	15 55 10	27°57'05	16° 5	15°35	12° 3	16°42	22°14	10°49	26° 9	5°44	22°48	29°28	28° 8	18°51	n.a.	T 8
F 9	15 59 7	28°54'18	29°31	15°22	13° 8	17°21	22° 6	10°53	26° 8	5°45	22°49	29°29	28° 5	18°57	n.a.	F 9
S 10	16 3 3	29°51'31	12♎43	15° 4	14°13	18° 0	21°59	10°56	26° 7	5°47	22°51	29°31	28° 2	19° 4	n.a.	S 10
S 11	16 7 0	0♊48'45	25°40	14°41	15°18	18°39	21°51	11° 0	26° 6	5°49	22°53	29°R32	27°59	19°11	n.a.	S 11
M12	16 10 56	1°46'00	8♏24	14°14	16°22	19°18	21°44	11° 4	26° 5	5°51	22°54	29°32	27°56	19°17	n.a.	M12
T 13	16 14 53	2°43'15	20°57	13°42	17°26	19°56	21°36	11° 8	26° 4	5°53	22°56	29°30	27°52	19°24	n.a.	T 13
W14	16 18 50	3°40'32	3♐19	13° 7	18°30	20°35	21°29	11°12	26° 3	5°55	22°57	29°26	27°49	19°31	n.a.	W14
T 15	16 22 46	4°37'50	15°32	12°28	19°34	21°14	21°21	11°16	26° 2	5°57	22°59	29°21	27°46	19°38	n.a.	T 15
F 16	16 26 43	5°35'08	27°37	11°47	20°37	21°52	21°14	11°20	26° 0	5°59	23° 0	29°15	27°43	19°44	n.a.	F 16
S 17	16 30 39	6°32'28	9♑35	11° 3	21°41	22°31	21° 7	11°24	25°59	6° 1	23° 2	29° 9	27°40	19°51	n.a.	S 17
S 18	16 34 36	7°29'50	21°29	10°18	22°44	23°10	21° 0	11°29	25°58	6° 3	23° 3	29° 2	27°36	19°58	n.a.	S 18
M19	16 38 32	8°27'12	3♒21	9°33	23°47	23°48	20°53	11°33	25°57	6° 5	23° 5	28°56	27°33	20° 5	n.a.	M19
T 20	16 42 29	9°24'36	15°14	8°47	24°49	24°27	20°46	11°38	25°55	6° 7	23° 6	28°52	27°30	20°11	n.a.	T 20
W21	16 46 25	10°22'01	27°13	8° 3	25°51	25° 5	20°39	11°42	25°54	6° 9	23° 8	28°49	27°27	20°18	n.a.	W21
T 22	16 50 22	11°19'28	9♓21	7°20	26°53	25°44	20°32	11°47	25°52	6°11	23° 9	28°D48	27°24	20°25	n.a.	T 22
F 23	16 54 19	12°16'57	21°43	6°40	27°55	26°23	20°25	11°51	25°51	6°13	23°11	28°49	27°21	20°31	n.a.	F 23
S 24	16 58 15	13°14'26	4♈25	6° 4	28°56	27° 1	20°19	11°56	25°49	6°15	23°12	28°50	27°17	20°38	n.a.	S 24
S 25	17 2 12	14°11'58	17°29	5°32	29°58	27°39	20°12	12° 1	25°48	6°17	23°14	28°51	27°14	20°45	n.a.	S 25
M26	17 6 8	15° 9'31	1♉ 0	5° 4	0♌58	28°18	20° 6	12° 6	25°46	6°19	23°15	28°R52	27°11	20°52	n.a.	M26
T 27	17 10 5	16° 7'06	14°59	4°43	1°59	28°56	20° 0	12°11	25°44	6°21	23°17	28°50	27° 8	20°58	n.a.	T 27
W28	17 14 1	17° 4'42	29°23	4°27	2°59	29°35	19°53	12°16	25°43	6°23	23°18	28°47	27° 5	21° 5	n.a.	W28
T 29	17 17 58	18° 2'20	14♊10	4°18	3°59	0♊13	19°47	12°21	25°41	6°26	23°20	28°42	27° 2	21°12	n.a.	T 29
F 30	17 21 54	19♊ 0'00	29♊11	4°D15	4♌58	0♊52	19♏42	12♌26	25♑39	6♋28	23♉21	28♎35	26♎58	21♑18	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n27	18n38	3s 4	22n 0	1s 3	25n54	2n 3	16n 8	0n22	18s42	0n14	20n 5	2n11	22s 2	0s43	24n 8	0n20	17n39	1s11	11s35	11s10	17s40		n.a.
F 2	18 42	19 31	4 3	21 48	1 17	25 50	2 1	16 21	0 22	18 40	0 14	20 4	2 11	22 2	0 43	24 8	0 20	17 40	1 11	11 34	11 8	17 39		n.a.
S 3	18 57	19 5	4 45	21 36	1 32	25 45	1 59	16 34	0 23	18 38	0 14	20 3	2 11	22 2	0 43	24 8	0 20	17 40	1 11	11 32	11 7	17 38		n.a.
S 4	19 11	17 22	5 9	21 23	1 46	25 39	1 58	16 46	0 23	18 36	0 14	20 2	2 11	22 2	0 43	24 8	0 20	17 40	1 11	11 31	11 6	17 37		n.a.
M 5	19 25	14 34	5 13	21 9	2 1	25 33	1 56	16 58	0 24	18 35	0 14	20 1	2 11	22 2	0 43	24 8	0 20	17 41	1 11	11 31	11 5	17 36		n.a.
T 6	19 39	10 56	4 57	20 54	2 15	25 26	1 54	17 11	0 25	18 33	0 14	19 59	2 10	22 2	0 43	24 8	0 20	17 41	1 11	11 30	11 4	17 35		n.a.
W 7	19 53	6 45	4 24	20 40	2 30	25 19	1 51	17 23	0 25	18 31	0 13	19 58	2 10	22 3	0 43	24 7	0 20	17 42	1 11	11 30	11 3	17 34		n.a.
T 8	20 6	2 18	3 36	20 25	2 44	25 10	1 49	17 35	0 26	18 29	0 13	19 57	2 10	22 3	0 43	24 7	0 20	17 42	1 11	11 30	11 2	17 32		n.a.
F 9	20 19	2s12	2 37	20 9	2 58	25 2	1 46	17 46	0 26	18 27	0 13	19 56	2 10	22 3	0 43	24 7	0 20	17 43	1 11	11 31	11 0	17 31		n.a.
S 10	20 32	6 30	1 31	19 54	3 12	24 52	1 44	17 58	0 27	18 25	0 13	19 55	2 10	22 3	0 43	24 7	0 20	17 43	1 11	11 31	10 59	17 30		n.a.
S 11	20 44	10 27	0 21	19 38	3 25	24 42	1 41	18 10	0 27	18 24	0 13	19 54	2 10	22 4	0 43	24 7	0 20	17 44	1 11	11 32	10 58	17 29		n.a.
M12	20 56	13 50	0n48	19 23	3 37	24 31	1 38	18 21	0 28	18 22	0 13	19 52	2 9	22 4	0 43	24 7	0 20	17 44	1 11	11 32	10 57	17 28		n.a.
T 13	21 8	16 31	1 54	19 8	3 48	24 20	1 35	18 32	0 28	18 20	0 12	19 51	2 9	22 4	0 43	24 7	0 20	17 45	1 11	11 31	10 56	17 27		n.a.
W14	21 19	18 24	2 54	18 53	3 59	24 8	1 32	18 43	0 29	18 18	0 12	19 50	2 9	22 4	0 43	24 7	0 20	17 45	1 10	11 30	10 55	17 26		n.a.
T 15	21 30	19 24	3 44	18 39	4 8	23 56	1 29	18 54	0 30	18 16	0 12	19 49	2 9	22 5	0 43	24 7	0 20	17 45	1 10	11 28	10 53	17 25		n.a.
F 16	21 40	19 30	4 24	18 26	4 16	23 43	1 25	19 5	0 30	18 15	0 12	19 47	2 9	22 5	0 43	24 7	0 20	17 46	1 10	11 26	10 52	17 24		n.a.
S 17	21 50	18 43	4 52	18 14	4 22	23 29	1 22	19 16	0 31	18 13	0 12	19 46	2 9	22 5	0 43	24 7	0 20	17 46	1 10	11 23	10 51	17 23		n.a.
S 18	22 0	17 7	5 7	18 3	4 27	23 15	1 18	19 26	0 31	18 11	0 11	19 45	2 9	22 5	0 43	24 7	0 20	17 47	1 10	11 21	10 50	17 22		n.a.
M19	22 10	14 48	5 9	17 53	4 30	23 0	1 14	19 37	0 32	18 9	0 11	19 43	2 8	22 6	0 43	24 7	0 20	17 47	1 10	11 19	10 49	17 21		n.a.
T 20	22 19	11 52	4 57	17 45	4 31	22 45	1 11	19 47	0 32	18 8	0 11	19 42	2 8	22 6	0 43	24 6	0 20	17 48	1 10	11 17	10 48	17 20		n.a.
W21	22 27	8 25	4 33	17 38	4 31	22 29	1 6	19 57	0 33	18 6	0 11	19 40	2 8	22 6	0 43	24 6	0 20	17 48	1 10	11 16	10 46	17 18		n.a.
T 22	22 36	4 35	3 56	17 33	4 29	22 13	1 2	20 7	0 33	18 4	0 11	19 39	2 8	22 7	0 43	24 6	0 20	17 49	1 10	11 16	10 45	17 17		n.a.
F 23	22 43	0 29	3 7	17 30	4 25	21 57	0 58	20 17	0 34	18 3	0 11	19 37	2 8	22 7	0 43	24 6	0 20	17 49	1 10	11 16	10 44	17 16		n.a.
S 24	22 51	3n45	2 8	17 29	4 20	21 39	0 53	20 27	0 34	18 1	0 10	19 36	2 8	22 7	0 43	24 6	0 20	17 49	1 10	11 17	10 43	17 15		n.a.
S 25	22 58	7 56	1 1	17 31	4 13	21 22	0 49	20 36	0 35	17 59	0 10	19 34	2 8	22 8	0 43	24 6	0 20	17 50	1 10	11 17	10 42	17 14		n.a.
M26	23 5	11 53	0s12	17 34	4 4	21 4	0 44	20 46	0 36	17 58	0 10	19 33	2 7	22 8	0 43	24 6	0 20	17 50	1 10	11 17	10 41	17 13		n.a.
T 27	23 11	15 17	1 26	17 40	3 54	20 45	0 39	20 55	0 36	17 56	0 10	19 31	2 7	22 8	0 44	24 6	0 20	17 51	1 10	11 17	10 39	17 12		n.a.
W28	23 17	17 52	2 37	17 48	3 43	20 26	0 34	21 4	0 37	17 55	0 10	19 30	2 7	22 9	0 44	24 6	0 20	17 51	1 10	11 16	10 38	17 11		n.a.
T 29	23 22	19 20	3 39	17 59	3 31	20 7	0 29	21 13	0 37	17 53	0 9	19 28	2 7	22 9	0 44	24 6	0 20	17 52	1 10	11 14	10 37	17 10		n.a.
F 30	23n27	19n28	4s27	18n11	3s18	19n47	0n24	21n21	0n38	17s52	0n 9	19n27	2n 7	22s 9	0s44	24n 5	0n20	17n52	1s10	11s11	10s36	17s 8		n.a.

Julian Day Number = 981577.5, Delta T = 13h13m12s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'53, Lahiri = -31°52'53 Julian Calendar 1 June 2026 BCE == Greg. Calendar 15 May 2026 BCE

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

JULY 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 25 51	19♊57'41	14♋18	4♊20	5♌58	1♊30	19°R36	12♌31	25°R37	6♋30	23♉23	28°R28	26♎55	21♑25	n.a.	S 1
S 2	17 29 48	20°55'23	29°20	4°31	6°56	2° 8	19♏30	12°37	25♑35	6°32	23°24	28♎20	26°52	21°32	n.a.	S 2
M 3	17 33 44	21°53'07	14♌ 9	4°50	7°55	2°46	19°25	12°42	25°34	6°34	23°25	28°14	26°49	21°39	n.a.	M 3
T 4	17 37 41	22°50'52	28°38	5°16	8°53	3°25	19°19	12°47	25°32	6°36	23°27	28° 9	26°46	21°45	n.a.	T 4
W 5	17 41 37	23°48'38	12♍44	5°50	9°50	4° 3	19°14	12°53	25°30	6°39	23°28	28° 7	26°42	21°52	n.a.	W 5
T 6	17 45 34	24°46'25	26°25	6°31	10°48	4°41	19° 9	12°58	25°28	6°41	23°30	28°D 7	26°39	21°59	n.a.	T 6
F 7	17 49 30	25°44'14	9♎44	7°19	11°44	5°19	19° 4	13° 4	25°26	6°43	23°31	28° 7	26°36	22° 6	n.a.	F 7
S 8	17 53 27	26°42'04	22°42	8°14	12°41	5°58	19° 0	13°10	25°24	6°45	23°32	28°R 8	26°33	22°12	n.a.	S 8
S 9	17 57 23	27°39'56	5♏24	9°15	13°36	6°36	18°55	13°15	25°22	6°47	23°34	28° 8	26°30	22°19	n.a.	S 9
M10	18 1 20	28°37'49	17°52	10°23	14°32	7°14	18°51	13°21	25°20	6°50	23°35	28° 6	26°27	22°26	n.a.	M10
T 11	18 5 17	29°35'44	0♐10	11°37	15°26	7°52	18°47	13°27	25°18	6°52	23°36	28° 1	26°23	22°32	n.a.	T 11
W12	18 9 13	0♋33'40	12°19	12°57	16°21	8°30	18°43	13°33	25°16	6°54	23°38	27°55	26°20	22°39	n.a.	W12
T 13	18 13 10	1°31'39	24°22	14°22	17°14	9° 8	18°39	13°39	25°14	6°56	23°39	27°45	26°17	22°46	n.a.	T 13
F 14	18 17 6	2°29'38	6♑21	15°53	18° 7	9°46	18°35	13°45	25°11	6°58	23°40	27°34	26°14	22°53	n.a.	F 14
S 15	18 21 3	3°27'40	18°15	17°28	19° 0	10°24	18°32	13°51	25° 9	7° 1	23°41	27°22	26°11	22°59	n.a.	S 15
S 16	18 24 59	4°25'44	0♒ 7	19° 7	19°52	11° 2	18°28	13°57	25° 7	7° 3	23°43	27° 9	26° 8	23° 6	n.a.	S 16
M17	18 28 56	5°23'50	11°59	20°49	20°43	11°40	18°25	14° 3	25° 5	7° 5	23°44	26°58	26° 4	23°13	n.a.	M17
T 18	18 32 52	6°21'57	23°53	22°35	21°34	12°18	18°22	14° 9	25° 3	7° 7	23°45	26°49	26° 1	23°20	n.a.	T 18
W19	18 36 49	7°20'07	5♓52	24°23	22°24	12°56	18°19	14°15	25° 0	7°10	23°46	26°42	25°58	23°26	n.a.	W19
T 20	18 40 46	8°18'19	17°59	26°13	23°13	13°34	18°17	14°21	24°58	7°12	23°48	26°38	25°55	23°33	n.a.	T 20
F 21	18 44 42	9°16'33	0♈19	28° 6	24° 1	14°12	18°14	14°28	24°56	7°14	23°49	26°36	25°52	23°40	n.a.	F 21
S 22	18 48 39	10°14'49	12°56	29°59	24°49	14°50	18°12	14°34	24°54	7°16	23°50	26°D36	25°48	23°46	n.a.	S 22
S 23	18 52 35	11°13'07	25°55	1♋54	25°36	15°28	18°10	14°40	24°51	7°18	23°51	26°R36	25°45	23°53	n.a.	S 23
M24	18 56 32	12°11'28	9♉20	3°49	26°22	16° 6	18° 8	14°47	24°49	7°21	23°52	26°36	25°42	24° 0	n.a.	M24
T 25	19 0 28	13° 9'51	23°14	5°45	27° 8	16°44	18° 6	14°53	24°47	7°23	23°53	26°33	25°39	24° 7	n.a.	T 25
W26	19 4 25	14° 8'17	7♊37	7°41	27°52	17°22	18° 5	15° 0	24°44	7°25	23°54	26°29	25°36	24°13	n.a.	W26
T 27	19 8 21	15° 6'45	22°26	9°36	28°35	17°59	18° 4	15° 6	24°42	7°27	23°55	26°21	25°33	24°20	n.a.	T 27
F 28	19 12 18	16° 5'15	7♋35	11°32	29°18	18°37	18° 3	15°13	24°39	7°30	23°56	26°12	25°29	24°27	n.a.	F 28
S 29	19 16 15	17° 3'47	22°54	13°27	29°59	19°15	18° 2	15°19	24°37	7°32	23°58	26° 1	25°26	24°34	n.a.	S 29
S 30	19 20 11	18° 2'21	8♌12	15°21	0♍40	19°53	18° 1	15°26	24°35	7°34	23°59	25°50	25°23	24°40	n.a.	S 30
M31	19 24 8	19♋ 0'57	23♌16	17♋15	1♍20	20♊31	18♏ 0	15♌33	24♑32	7♋36	24♉ 0	25♎41	25♎20	24♑47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n32	18n13	4s57	18n26	3s 4	19n27	0n18	21n30	0n38	17s51	0n 9	19n25	2n 7	22s10	0s44	24n 5	0n20	17n52	1s10	11s 9	10s35	17s 7		n.a.
S 2	23 36	15 43	5 6	18 43	2 49	19 7	0 13	21 38	0 39	17 49	0 9	19 23	2 7	22 10	0 44	24 5	0 20	17 53	1 10	11 6	10 34	17 6		n.a.
M 3	23 40	12 13	4 55	19 1	2 34	18 46	0 7	21 47	0 39	17 48	0 9	19 22	2 7	22 10	0 44	24 5	0 20	17 53	1 9	11 4	10 32	17 5		n.a.
T 4	23 44	8 4	4 24	19 21	2 18	18 25	0 1	21 55	0 40	17 47	0 9	19 20	2 7	22 11	0 44	24 5	0 20	17 54	1 9	11 2	10 31	17 4		n.a.
W 5	23 47	3 34	3 39	19 43	2 2	18 4	0s 5	22 3	0 40	17 45	0 8	19 18	2 6	22 11	0 44	24 5	0 20	17 54	1 9	11 1	10 30	17 3		n.a.
T 6	23 49	1s 0	2 41	20 5	1 46	17 42	0 11	22 11	0 41	17 44	0 8	19 16	2 6	22 12	0 44	24 5	0 20	17 54	1 9	11 1	10 29	17 2		n.a.
F 7	23 51	5 25	1 37	20 29	1 30	17 20	0 17	22 18	0 41	17 43	0 8	19 15	2 6	22 12	0 44	24 5	0 20	17 55	1 9	11 1	10 28	17 1		n.a.
S 8	23 53	9 27	0 29	20 54	1 15	16 58	0 24	22 26	0 42	17 42	0 8	19 13	2 6	22 12	0 44	24 5	0 20	17 55	1 9	11 1	10 27	16 59		n.a.
S 9	23 54	12 59	0n39	21 19	0 59	16 35	0 30	22 33	0 42	17 41	0 8	19 11	2 6	22 13	0 44	24 5	0 20	17 56	1 9	11 1	10 25	16 58		n.a.
M10	23 55	15 51	1 43	21 44	0 44	16 13	0 37	22 40	0 43	17 40	0 7	19 9	2 6	22 13	0 44	24 4	0 20	17 56	1 9	11 1	10 24	16 57		n.a.
T 11	23 55	17 57	2 42	22 9	0 29	15 50	0 44	22 47	0 44	17 39	0 7	19 8	2 6	22 14	0 44	24 4	0 20	17 56	1 9	10 59	10 23	16 56		n.a.
W12	23 55	19 13	3 33	22 34	0 15	15 27	0 51	22 54	0 44	17 38	0 7	19 6	2 6	22 14	0 44	24 4	0 20	17 57	1 9	10 57	10 22	16 55		n.a.
T 13	23 55	19 35	4 13	22 58	0 1	15 4	0 58	23 0	0 45	17 37	0 7	19 4	2 6	22 14	0 44	24 4	0 20	17 57	1 9	10 53	10 21	16 54		n.a.
F 14	23 54	19 5	4 42	23 21	0n12	14 40	1 5	23 7	0 45	17 36	0 7	19 2	2 6	22 15	0 44	24 4	0 20	17 57	1 9	10 49	10 20	16 53		n.a.
S 15	23 53	17 44	4 58	23 43	0 24	14 17	1 13	23 13	0 46	17 35	0 7	19 0	2 5	22 15	0 44	24 4	0 20	17 58	1 9	10 44	10 18	16 51		n.a.
S 16	23 51	15 37	5 2	24 3	0 36	13 53	1 20	23 19	0 46	17 34	0 6	18 58	2 5	22 16	0 44	24 4	0 20	17 58	1 9	10 40	10 17	16 50		n.a.
M17	23 49	12 52	4 52	24 22	0 46	13 29	1 28	23 25	0 47	17 34	0 6	18 57	2 5	22 16	0 44	24 4	0 20	17 58	1 9	10 36	10 16	16 49		n.a.
T 18	23 46	9 36	4 29	24 39	0 56	13 5	1 36	23 30	0 47	17 33	0 6	18 55	2 5	22 17	0 44	24 4	0 20	17 59	1 9	10 33	10 15	16 48		n.a.
W19	23 43	5 55	3 55	24 53	1 5	12 42	1 44	23 36	0 48	17 32	0 6	18 53	2 5	22 17	0 44	24 4	0 20	17 59	1 9	10 30	10 14	16 47		n.a.
T 20	23 39	1 57	3 10	25 5	1 13	12 18	1 52	23 41	0 48	17 32	0 6	18 51	2 5	22 17	0 44	24 3	0 20	18 0	1 9	10 29	10 12	16 46		n.a.
F 21	23 36	2n11	2 15	25 15	1 20	11 54	2 0	23 47	0 49	17 31	0 6	18 49	2 5	22 18	0 44	24 3	0 20	18 0	1 9	10 28	10 11	16 44		n.a.
S 22	23 31	6 18	1 12	25 22	1 27	11 30	2 9	23 52	0 49	17 31	0 5	18 47	2 5	22 18	0 44	24 3	0 20	18 0	1 9	10 28	10 10	16 43		n.a.
S 23	23 26	10 16	0 4	25 27	1 32	11 6	2 17	23 56	0 50	17 30	0 5	18 45	2 5	22 19	0 44	24 3	0 20	18 0	1 9	10 28	10 9	16 42		n.a.
M24	23 21	13 50	1s 7	25 29	1 37	10 42	2 26	24 1	0 50	17 30	0 5	18 43	2 5	22 19	0 44	24 3	0 20	18 1	1 9	10 28	10 8	16 41		n.a.
T 25	23 15	16 46	2 16	25 28	1 41	10 18	2 34	24 6	0 51	17 30	0 5	18 41	2 5	22 20	0 44	24 3	0 20	18 1	1 9	10 27	10 7	16 40		n.a.
W26	23 9	18 45	3 19	25 25	1 44	9 54	2 43	24 10	0 51	17 29	0 5	18 39	2 5	22 20	0 44	24 3	0 20	18 1	1 8	10 25	10 5	16 38		n.a.
T 27	23 3	19 32	4 10	25 20	1 46	9 31	2 52	24 14	0 52	17 29	0 5	18 37	2 5	22 21	0 44	24 3	0 20	18 2	1 8	10 22	10 4	16 37		n.a.
F 28	22 56	18 57	4 45	25 12	1 48	9 7	3 2	24 18	0 53	17 29	0 4	18 35	2 5	22 21	0 44	24 2	0 20	18 2	1 8	10 19	10 3	16 36		n.a.
S 29	22 49	17 0	5 0	25 2	1 49	8 44	3 11	24 22	0 53	17 29	0 4	18 33	2 5	22 21	0 44	24 2	0 20	18 2	1 8	10 15	10 2	16 35		n.a.
S 30	22 41	13 52	4 54	24 49	1 49	8 21	3 20	24 25	0 54	17 29	0 4	18 31	2 5	22 22	0 44	24 2	0 20	18 3	1 8	10 11	10 1	16 34		n.a.
M31	22n33	9n50	4s27	24n35	1n49	7n58	3s30	24n29	0n54	17s29	0n 4	18n29	2n 4	22s22	0s44	24n 2	0n20	18n 3	1s 8	10s 7	10s 0	16s33		n.a.

Julian Day Number = 981607.5, Delta T = 13h13m10s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'49, Lahiri = -31°52'49 Julian Calendar 1 July 2026 BCE == Greg. Calendar 14 June 2026 BCE

The year -2025 astronomical counting style corresponds to year 2026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

AUGUST 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 28 4	19♋59'35	8♍ 0	19♋ 8	1♍58	21♊ 8	18°R 0	15♌39	24°R30	7♋38	24♉ 1	25°R33	25♎17	24♑54	n.a.	T 1
W 2	19 32 1	20°58'14	22°16	21° 0	2°35	21°46	18°D 0	15°46	24♑28	7°41	24° 1	25♎29	25°14	25° 0	n.a.	W 2
T 3	19 35 57	21°56'56	6♎ 3	22°51	3°11	22°24	18♏ 0	15°53	24°25	7°43	24° 2	25°27	25°10	25° 7	n.a.	T 3
F 4	19 39 54	22°55'39	19°24	24°41	3°46	23° 1	18° 0	16° 0	24°23	7°45	24° 3	25°26	25° 7	25°14	n.a.	F 4
S 5	19 43 50	23°54'25	2♏20	26°30	4°19	23°39	18° 1	16° 6	24°20	7°47	24° 4	25°26	25° 4	25°21	n.a.	S 5
S 6	19 47 47	24°53'12	14°55	28°19	4°51	24°17	18° 1	16°13	24°18	7°49	24° 5	25°25	25° 1	25°27	n.a.	S 6
M 7	19 51 43	25°52'01	27°16	0♌ 6	5°22	24°54	18° 2	16°20	24°15	7°51	24° 6	25°23	24°58	25°34	n.a.	M 7
T 8	19 55 40	26°50'52	9♐24	1°52	5°51	25°32	18° 3	16°27	24°13	7°53	24° 7	25°17	24°54	25°41	n.a.	T 8
W 9	19 59 37	27°49'45	21°25	3°37	6°18	26°10	18° 4	16°34	24°11	7°56	24° 8	25° 9	24°51	25°48	n.a.	W 9
T 10	20 3 33	28°48'40	3♑22	5°22	6°44	26°47	18° 6	16°41	24° 8	7°58	24° 8	24°58	24°48	25°54	n.a.	T 10
F 11	20 7 30	29°47'38	15°15	7° 5	7° 8	27°25	18° 7	16°48	24° 6	8° 0	24° 9	24°45	24°45	26° 1	n.a.	F 11
S 12	20 11 26	0♌46'37	27° 8	8°47	7°31	28° 2	18° 9	16°55	24° 4	8° 2	24°10	24°31	24°42	26° 8	n.a.	S 12
S 13	20 15 23	1°45'38	9♒ 1	10°29	7°52	28°40	18°11	17° 2	24° 1	8° 4	24°11	24°17	24°39	26°14	n.a.	S 13
M14	20 19 19	2°44'42	20°56	12° 9	8°10	29°17	18°13	17° 9	23°59	8° 6	24°11	24° 3	24°35	26°21	n.a.	M14
T 15	20 23 16	3°43'48	2♓54	13°49	8°27	29°55	18°16	17°16	23°56	8° 8	24°12	23°52	24°32	26°28	n.a.	T 15
W16	20 27 12	4°42'56	14°58	15°28	8°42	0♋32	18°18	17°23	23°54	8°10	24°13	23°44	24°29	26°35	n.a.	W16
T 17	20 31 9	5°42'07	27° 9	17° 6	8°56	1°10	18°21	17°30	23°52	8°12	24°13	23°39	24°26	26°41	n.a.	T 17
F 18	20 35 5	6°41'20	9♈32	18°43	9° 6	1°47	18°24	17°37	23°49	8°14	24°14	23°36	24°23	26°48	n.a.	F 18
S 19	20 39 2	7°40'36	22° 9	20°19	9°15	2°24	18°27	17°44	23°47	8°16	24°15	23°D36	24°19	26°55	n.a.	S 19
S 20	20 42 59	8°39'54	5♉ 4	21°54	9°22	3° 2	18°30	17°51	23°45	8°18	24°15	23°R36	24°16	27° 1	n.a.	S 20
M21	20 46 55	9°39'14	18°22	23°28	9°26	3°39	18°34	17°58	23°42	8°20	24°16	23°35	24°13	27° 8	n.a.	M21
T 22	20 50 52	10°38'38	2♊ 7	25° 2	9°R29	4°16	18°38	18° 6	23°40	8°22	24°16	23°34	24°10	27°15	n.a.	T 22
W23	20 54 48	11°38'03	16°18	26°35	9°28	4°54	18°41	18°13	23°38	8°24	24°17	23°30	24° 7	27°22	n.a.	W23
T 24	20 58 45	12°37'32	0♋56	28° 7	9°26	5°31	18°45	18°20	23°36	8°26	24°17	23°23	24° 4	27°28	n.a.	T 24
F 25	21 2 41	13°37'02	15°56	29°38	9°21	6° 8	18°50	18°27	23°33	8°28	24°18	23°15	24° 0	27°35	n.a.	F 25
S 26	21 6 38	14°36'36	1♌ 9	1♍ 9	9°14	6°46	18°54	18°34	23°31	8°30	24°18	23° 4	23°57	27°42	n.a.	S 26
S 27	21 10 34	15°36'11	16°26	2°39	9° 4	7°23	18°59	18°41	23°29	8°32	24°19	22°54	23°54	27°49	n.a.	S 27
M28	21 14 31	16°35'48	1♍35	4° 8	8°52	8° 0	19° 3	18°49	23°27	8°34	24°19	22°45	23°51	27°55	n.a.	M28
T 29	21 18 27	17°35'28	16°25	5°36	8°38	8°37	19° 8	18°56	23°25	8°35	24°19	22°38	23°48	28° 2	n.a.	T 29
W30	21 22 24	18°35'09	0♎50	7° 3	8°21	9°15	19°13	19° 3	23°23	8°37	24°20	22°34	23°45	28° 9	n.a.	W30
T 31	21 26 21	19♌34'53	14♎47	8♍30	8♍ 2	9♋52	19♏19	19♌10	23♑21	8♋39	24♉20	22♎32	23♎41	28♑15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n24	5n18	3s43	24n18	1n48	7n35	3s39	24n32	0n55	17s29	0n 4	18n27	2n 4	22s23	0s44	24n 2	0n20	18n 3	1s 8	10s 5	9s58	16s31		n.a.
W 2	22 15	0 36	2 46	24 0	1 46	7 13	3 49	24 35	0 55	17 29	0 4	18 24	2 4	22 23	0 44	24 2	0 20	18 4	1 8	10 3	9 57	16 30		n.a.
T 3	22 6	3s59	1 41	23 40	1 44	6 50	3 59	24 38	0 56	17 29	0 3	18 22	2 4	22 24	0 44	24 2	0 20	18 4	1 8	10 2	9 56	16 29		n.a.
F 4	21 56	8 14	0 32	23 18	1 42	6 29	4 9	24 40	0 56	17 29	0 3	18 20	2 4	22 24	0 44	24 2	0 20	18 4	1 8	10 2	9 55	16 28		n.a.
S 5	21 46	11 57	0n36	22 54	1 39	6 7	4 19	24 43	0 57	17 30	0 3	18 18	2 4	22 25	0 44	24 2	0 20	18 4	1 8	10 2	9 54	16 27		n.a.
S 6	21 35	15 2	1 41	22 29	1 36	5 46	4 29	24 45	0 57	17 30	0 3	18 16	2 4	22 25	0 44	24 1	0 20	18 5	1 8	10 2	9 52	16 25		n.a.
M 7	21 24	17 21	2 40	22 3	1 32	5 25	4 39	24 47	0 58	17 30	0 3	18 14	2 4	22 25	0 44	24 1	0 20	18 5	1 8	10 1	9 51	16 24		n.a.
T 8	21 13	18 51	3 30	21 35	1 29	5 5	4 49	24 49	0 58	17 31	0 3	18 12	2 4	22 26	0 44	24 1	0 20	18 5	1 8	9 59	9 50	16 23		n.a.
W 9	21 1	19 29	4 10	21 6	1 24	4 45	4 59	24 51	0 59	17 31	0 2	18 10	2 4	22 26	0 44	24 1	0 20	18 5	1 8	9 56	9 49	16 22		n.a.
T 10	20 49	19 14	4 39	20 36	1 20	4 26	5 9	24 52	0 59	17 32	0 2	18 7	2 4	22 27	0 44	24 1	0 20	18 6	1 8	9 51	9 48	16 20		n.a.
F 11	20 36	18 8	4 56	20 5	1 15	4 8	5 20	24 54	1 0	17 32	0 2	18 5	2 4	22 27	0 44	24 1	0 20	18 6	1 8	9 47	9 46	16 19		n.a.
S 12	20 23	16 16	4 59	19 33	1 10	3 50	5 30	24 55	1 0	17 33	0 2	18 3	2 4	22 28	0 44	24 1	0 20	18 6	1 8	9 41	9 45	16 18		n.a.
S 13	20 10	13 42	4 50	19 0	1 4	3 32	5 41	24 56	1 1	17 34	0 2	18 1	2 4	22 28	0 44	24 1	0 20	18 6	1 8	9 36	9 44	16 17		n.a.
M14	19 57	10 35	4 28	18 26	0 59	3 16	5 51	24 57	1 1	17 35	0 2	17 59	2 4	22 28	0 44	24 1	0 20	18 6	1 8	9 31	9 43	16 16		n.a.
T 15	19 43	7 1	3 54	17 52	0 53	3 0	6 1	24 57	1 2	17 35	0 1	17 56	2 4	22 29	0 44	24 0	0 20	18 7	1 8	9 27	9 42	16 14		n.a.
W16	19 28	3 8	3 9	17 16	0 47	2 44	6 11	24 58	1 2	17 36	0 1	17 54	2 4	22 29	0 44	24 0	0 20	18 7	1 8	9 24	9 41	16 13		n.a.
T 17	19 14	0n54	2 15	16 40	0 41	2 30	6 22	24 58	1 3	17 37	0 1	17 52	2 4	22 30	0 44	24 0	0 20	18 7	1 8	9 22	9 39	16 12		n.a.
F 18	18 59	4 59	1 14	16 4	0 35	2 17	6 32	24 58	1 4	17 38	0 1	17 50	2 4	22 30	0 44	24 0	0 20	18 7	1 8	9 21	9 38	16 11		n.a.
S 19	18 43	8 55	0 8	15 27	0 28	2 4	6 42	24 58	1 4	17 39	0 1	17 48	2 4	22 30	0 44	24 0	0 20	18 7	1 8	9 20	9 37	16 9		n.a.
S 20	18 28	12 32	1s 1	14 50	0 21	1 53	6 52	24 58	1 5	17 40	0 1	17 45	2 4	22 31	0 44	24 0	0 20	18 8	1 8	9 21	9 36	16 8		n.a.
M21	18 12	15 36	2 7	14 12	0 15	1 42	7 1	24 57	1 5	17 41	0 1	17 43	2 4	22 31	0 44	24 0	0 20	18 8	1 8	9 20	9 35	16 7		n.a.
T 22	17 55	17 55	3 9	13 34	0 8	1 32	7 11	24 57	1 6	17 43	0 0	17 41	2 4	22 32	0 44	24 0	0 20	18 8	1 7	9 20	9 33	16 6		n.a.
W23	17 39	19 12	4 1	12 55	0 1	1 24	7 20	24 56	1 6	17 44	0 0	17 39	2 4	22 32	0 44	24 0	0 21	18 8	1 7	9 18	9 32	16 4		n.a.
T 24	17 22	19 16	4 40	12 17	0s 6	1 17	7 29	24 55	1 7	17 45	0 0	17 36	2 4	22 32	0 44	23 59	0 21	18 8	1 7	9 16	9 31	16 3		n.a.
F 25	17 4	17 59	5 0	11 38	0 13	1 11	7 37	24 54	1 7	17 46	0 0	17 34	2 4	22 33	0 44	23 59	0 21	18 8	1 7	9 13	9 30	16 2		n.a.
S 26	16 47	15 26	4 59	10 58	0 20	1 6	7 46	24 52	1 8	17 48	0s 0	17 32	2 4	22 33	0 44	23 59	0 21	18 9	1 7	9 9	9 29	16 1		n.a.
S 27	16 29	11 49	4 38	10 19	0 27	1 2	7 53	24 51	1 8	17 49	0 0	17 30	2 4	22 34	0 44	23 59	0 21	18 9	1 7	9 5	9 27	15 59		n.a.
M28	16 11	7 27	3 56	9 40	0 34	1 0	8 1	24 49	1 9	17 51	0 0	17 27	2 4	22 34	0 44	23 59	0 21	18 9	1 7	9 1	9 26	15 58		n.a.
T 29	15 52	2 43	3 0	9 0	0 41	0 59	8 8	24 47	1 9	17 52	0 1	17 25	2 4	22 34	0 44	23 59	0 21	18 9	1 7	8 59	9 25	15 57		n.a.
W30	15 34	2s 4	1 53	8 21	0 49	0 59	8 14	24 45	1 10	17 54	0 1	17 23	2 4	22 35	0 44	23 59	0 21	18 9	1 7	8 57	9 24	15 56		n.a.
T 31	15n15	6s34	0s41	7n41	0s56	1n 1	8s20	24n43	1n10	17s55	0s 1	17n20	2n 4	22s35	0s44	23n59	0n21	18n 9	1s 7	8s56	9s23	15s54		n.a.

Julian Day Number = 981638.5, Delta T = 13h13m08s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'45, Lahiri = -31°52'45 Julian Calendar 1 Aug. 2026 BCE == Greg. Calendar 15 July 2026 BCE

The year -2025 astronomical counting style corresponds to year 2026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

SEPTEMBER 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 30 17	20♌34'38	28♎14	9♍56	7°R41	10♋29	19♏24	19♌17	23°R18	8♋41	24♉20	22°D32	23♎38	28♑22	n.a.	F 1
S 2	21 34 14	21°34'26	11♏15	11°20	7♍17	11° 6	19°30	19°25	23♑16	8°43	24°21	22♎32	23°35	28°29	n.a.	S 2
S 3	21 38 10	22°34'15	23°53	12°44	6°52	11°43	19°36	19°32	23°14	8°44	24°21	22°R33	23°32	28°36	n.a.	S 3
M 4	21 42 7	23°34'06	6♐12	14° 7	6°24	12°20	19°41	19°39	23°12	8°46	24°21	22°32	23°29	28°42	n.a.	M 4
T 5	21 46 3	24°33'59	18°19	15°30	5°55	12°57	19°48	19°46	23°10	8°48	24°21	22°29	23°25	28°49	n.a.	T 5
W 6	21 50 0	25°33'54	0♑17	16°51	5°24	13°34	19°54	19°53	23° 9	8°49	24°21	22°23	23°22	28°56	n.a.	W 6
T 7	21 53 56	26°33'51	12°10	18°11	4°52	14°11	20° 0	20° 0	23° 7	8°51	24°22	22°16	23°19	29° 3	n.a.	T 7
F 8	21 57 53	27°33'49	24° 2	19°30	4°18	14°48	20° 7	20° 8	23° 5	8°53	24°22	22° 6	23°16	29° 9	n.a.	F 8
S 9	22 1 49	28°33'50	5♒55	20°47	3°44	15°25	20°14	20°15	23° 3	8°54	24°22	21°56	23°13	29°16	n.a.	S 9
S 10	22 5 46	29°33'53	17°51	22° 3	3° 8	16° 2	20°20	20°22	23° 1	8°56	24°22	21°45	23°10	29°23	n.a.	S 10
M11	22 9 43	0♍33'57	29°53	23°18	2°32	16°39	20°27	20°29	22°59	8°57	24°22	21°35	23° 6	29°29	n.a.	M11
T 12	22 13 39	1°34'04	12♓ 0	24°32	1°56	17°16	20°35	20°36	22°58	8°59	24°R22	21°27	23° 3	29°36	n.a.	T 12
W13	22 17 36	2°34'12	24°15	25°43	1°19	17°53	20°42	20°43	22°56	9° 0	24°22	21°21	23° 0	29°43	n.a.	W13
T 14	22 21 32	3°34'23	6♈38	26°53	0°43	18°30	20°50	20°50	22°54	9° 2	24°22	21°18	22°57	29°50	n.a.	T 14
F 15	22 25 29	4°34'36	19°12	28° 1	0° 7	19° 7	20°57	20°57	22°53	9° 3	24°22	21°D17	22°54	29°56	n.a.	F 15
S 16	22 29 25	5°34'51	1♉58	29° 6	29♌32	19°44	21° 5	21° 4	22°51	9° 5	24°22	21°17	22°51	0♒ 3	n.a.	S 16
S 17	22 33 22	6°35'09	14°59	0♎ 9	28°57	20°20	21°13	21°11	22°50	9° 6	24°22	21°18	22°47	0°10	n.a.	S 17
M18	22 37 18	7°35'28	28°17	1° 9	28°24	20°57	21°21	21°18	22°48	9° 7	24°21	21°20	22°44	0°16	n.a.	M18
T 19	22 41 15	8°35'50	11♊56	2° 6	27°52	21°34	21°29	21°25	22°47	9° 9	24°21	21°R20	22°41	0°23	n.a.	T 19
W20	22 45 11	9°36'14	25°56	2°59	27°22	22°11	21°38	21°32	22°45	9°10	24°21	21°19	22°38	0°30	n.a.	W20
T 21	22 49 8	10°36'40	10♋17	3°48	26°53	22°47	21°46	21°39	22°44	9°11	24°21	21°16	22°35	0°37	n.a.	T 21
F 22	22 53 5	11°37'09	24°56	4°33	26°27	23°24	21°55	21°46	22°42	9°13	24°21	21°11	22°31	0°43	n.a.	F 22
S 23	22 57 1	12°37'39	9♌48	5°13	26° 2	24° 1	22° 3	21°53	22°41	9°14	24°20	21° 5	22°28	0°50	n.a.	S 23
S 24	23 0 58	13°38'12	24°46	5°48	25°39	24°37	22°12	22° 0	22°40	9°15	24°20	20°59	22°25	0°57	n.a.	S 24
M25	23 4 54	14°38'46	9♍40	6°16	25°19	25°14	22°21	22° 7	22°39	9°16	24°20	20°54	22°22	1° 4	n.a.	M25
T 26	23 8 51	15°39'22	24°23	6°38	25° 1	25°50	22°30	22°14	22°37	9°17	24°20	20°50	22°19	1°10	n.a.	T 26
W27	23 12 47	16°39'59	8♎46	6°52	24°45	26°27	22°40	22°20	22°36	9°18	24°19	20°48	22°16	1°17	n.a.	W27
T 28	23 16 44	17°40'39	22°45	6°R59	24°32	27° 3	22°49	22°27	22°35	9°19	24°19	20°D47	22°12	1°24	n.a.	T 28
F 29	23 20 40	18°41'20	6♏17	6°56	24°21	27°40	22°59	22°34	22°34	9°20	24°18	20°48	22° 9	1°30	n.a.	F 29
S 30	23 24 37	19♍42'02	19♏24	6♎44	24♌12	28♋16	23♏ 8	22♌40	22♑33	9♋21	24♉18	20♎50	22♎ 6	1♒37	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n55	10s35	0n30	7n 2	1s 3	1n 4	8s25	24n41	1n11	17s57	0s 1	17n18	2n 4	22s35	0s44	23n59	0n21	18n 9	1s 7	8s56	9s21	15s53		n.a.
S 2	14 36	13 57	1 38	6 23	1 10	1 9	8 29	24 38	1 11	17 59	0 1	17 16	2 5	22 36	0 44	23 59	0 21	18 9	1 7	8 57	9 20	15 52		n.a.
S 3	14 16	16 33	2 39	5 44	1 17	1 15	8 33	24 35	1 12	18 0	0 1	17 14	2 5	22 36	0 44	23 58	0 21	18 9	1 7	8 57	9 19	15 51		n.a.
M 4	13 56	18 19	3 31	5 5	1 24	1 22	8 35	24 32	1 12	18 2	0 1	17 11	2 5	22 36	0 44	23 58	0 21	18 10	1 7	8 56	9 18	15 49		n.a.
T 5	13 36	19 12	4 13	4 26	1 31	1 31	8 38	24 29	1 13	18 4	0 1	17 9	2 5	22 37	0 44	23 58	0 21	18 10	1 7	8 55	9 17	15 48		n.a.
W 6	13 15	19 12	4 43	3 48	1 38	1 41	8 39	24 26	1 13	18 6	0 2	17 7	2 5	22 37	0 44	23 58	0 21	18 10	1 7	8 53	9 15	15 47		n.a.
T 7	12 55	18 22	5 0	3 10	1 44	1 53	8 39	24 23	1 14	18 8	0 2	17 5	2 5	22 37	0 44	23 58	0 21	18 10	1 7	8 50	9 14	15 45		n.a.
F 8	12 34	16 44	5 5	2 33	1 51	2 6	8 38	24 19	1 14	18 10	0 2	17 2	2 5	22 38	0 44	23 58	0 21	18 10	1 7	8 47	9 13	15 44		n.a.
S 9	12 13	14 24	4 56	1 56	1 57	2 20	8 37	24 15	1 15	18 12	0 2	17 0	2 5	22 38	0 44	23 58	0 21	18 10	1 7	8 43	9 12	15 43		n.a.
S 10	11 51	11 26	4 35	1 20	2 4	2 35	8 34	24 11	1 16	18 14	0 2	16 58	2 5	22 38	0 44	23 58	0 21	18 10	1 7	8 39	9 11	15 42		n.a.
M11	11 30	8 0	4 0	0 44	2 10	2 51	8 31	24 7	1 16	18 16	0 2	16 56	2 5	22 38	0 44	23 58	0 21	18 10	1 7	8 35	9 9	15 40		n.a.
T 12	11 8	4 12	3 15	0 9	2 16	3 8	8 26	24 3	1 17	18 18	0 2	16 53	2 5	22 39	0 44	23 58	0 21	18 10	1 7	8 32	9 8	15 39		n.a.
W13	10 46	0 11	2 20	0s25	2 21	3 26	8 21	23 58	1 17	18 20	0 3	16 51	2 5	22 39	0 44	23 58	0 21	18 10	1 7	8 30	9 7	15 38		n.a.
T 14	10 24	3n53	1 18	0 58	2 26	3 45	8 15	23 54	1 18	18 22	0 3	16 49	2 5	22 39	0 44	23 58	0 21	18 10	1 7	8 28	9 6	15 36		n.a.
F 15	10 2	7 50	0 11	1 30	2 31	4 4	8 7	23 49	1 18	18 24	0 3	16 47	2 5	22 40	0 44	23 57	0 21	18 10	1 7	8 28	9 5	15 35		n.a.
S 16	9 39	11 30	0s58	2 1	2 36	4 24	7 59	23 44	1 19	18 26	0 3	16 44	2 6	22 40	0 44	23 57	0 21	18 10	1 7	8 28	9 3	15 34		n.a.
S 17	9 16	14 40	2 5	2 30	2 40	4 44	7 50	23 39	1 19	18 29	0 3	16 42	2 6	22 40	0 44	23 57	0 21	18 10	1 7	8 28	9 2	15 32		n.a.
M18	8 54	17 9	3 7	2 58	2 44	5 4	7 41	23 34	1 20	18 31	0 3	16 40	2 6	22 40	0 44	23 57	0 21	18 10	1 7	8 29	9 1	15 31		n.a.
T 19	8 31	18 43	4 0	3 24	2 47	5 25	7 30	23 29	1 20	18 33	0 3	16 38	2 6	22 40	0 44	23 57	0 21	18 10	1 7	8 29	9 0	15 30		n.a.
W20	8 7	19 11	4 40	3 48	2 50	5 46	7 19	23 23	1 21	18 36	0 3	16 35	2 6	22 41	0 44	23 57	0 21	18 10	1 6	8 29	8 59	15 29		n.a.
T 21	7 44	18 27	5 4	4 10	2 52	6 6	7 8	23 17	1 21	18 38	0 4	16 33	2 6	22 41	0 44	23 57	0 21	18 10	1 6	8 27	8 57	15 27		n.a.
F 22	7 21	16 30	5 9	4 29	2 53	6 27	6 56	23 12	1 22	18 40	0 4	16 31	2 6	22 41	0 44	23 57	0 21	18 10	1 6	8 26	8 56	15 26		n.a.
S 23	6 57	13 26	4 54	4 46	2 54	6 47	6 43	23 6	1 22	18 43	0 4	16 29	2 6	22 41	0 44	23 57	0 21	18 10	1 6	8 23	8 55	15 25		n.a.
S 24	6 34	9 29	4 18	5 0	2 54	7 7	6 30	22 59	1 23	18 45	0 4	16 27	2 6	22 42	0 44	23 57	0 21	18 10	1 6	8 21	8 54	15 23		n.a.
M25	6 10	4 56	3 25	5 10	2 52	7 26	6 17	22 53	1 23	18 48	0 4	16 25	2 6	22 42	0 44	23 57	0 21	18 10	1 6	8 19	8 53	15 22		n.a.
T 26	5 46	0 9	2 19	5 17	2 50	7 45	6 3	22 47	1 24	18 50	0 4	16 22	2 7	22 42	0 44	23 57	0 21	18 10	1 6	8 18	8 51	15 21		n.a.
W27	5 22	4s32	1 5	5 19	2 46	8 4	5 49	22 40	1 24	18 53	0 4	16 20	2 7	22 42	0 43	23 57	0 21	18 10	1 6	8 17	8 50	15 19		n.a.
T 28	4 58	8 51	0n11	5 17	2 41	8 21	5 35	22 34	1 25	18 55	0 4	16 18	2 7	22 42	0 43	23 57	0 21	18 10	1 6	8 16	8 49	15 18		n.a.
F 29	4 34	12 34	1 24	5 10	2 35	8 38	5 21	22 27	1 26	18 58	0 4	16 16	2 7	22 42	0 43	23 57	0 21	18 10	1 6	8 17	8 48	15 17		n.a.
S 30	4n 9	15s32	2n30	4s58	2s27	8n55	5s 7	22n20	1n26	19s 0	0s 5	16n14	2n 7	22s42	0s43	23n56	0n21	18n10	1s 6	8s17	8s47	15s15		n.a.

Julian Day Number = 981669.5, Delta T = 13h13m05s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'41, Lahiri = -31°52'41 Julian Calendar 1 Sept. 2026 BCE == Greg. Calendar 15 Aug. 2026 BCE

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

OCTOBER 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 28 33	20♍42'45	2♐ 8	6°R22	24°R 6	28♋53	23♏18	22♌47	22°R32	9♋22	24°R18	20♎51	22♎ 3	1♒44	n.a.	S 1
M 2	23 32 30	21°43'30	14°32	5♎49	24♌ 3	29°29	23°28	22°54	22♑31	9°23	24♉17	20°52	22° 0	1°51	n.a.	M 2
T 3	23 36 27	22°44'17	26°41	5° 7	24°D 1	0♌ 5	23°38	23° 0	22°30	9°24	24°17	20°R53	21°56	1°57	n.a.	T 3
W 4	23 40 23	23°45'04	8♑39	4°14	24° 3	0°42	23°48	23° 7	22°30	9°25	24°16	20°51	21°53	2° 4	n.a.	W 4
T 5	23 44 20	24°45'53	20°32	3°12	24° 6	1°18	23°58	23°13	22°29	9°26	24°16	20°49	21°50	2°11	n.a.	T 5
F 6	23 48 16	25°46'43	2♒24	2° 2	24°12	1°54	24° 9	23°20	22°28	9°27	24°15	20°46	21°47	2°18	n.a.	F 6
S 7	23 52 13	26°47'35	14°19	0°46	24°21	2°31	24°19	23°26	22°28	9°28	24°14	20°42	21°44	2°24	n.a.	S 7
S 8	23 56 9	27°48'27	26°19	29♍25	24°31	3° 7	24°30	23°33	22°27	9°28	24°14	20°38	21°41	2°31	n.a.	S 8
M 9	0 0 6	28°49'21	8♓27	28° 4	24°44	3°43	24°40	23°39	22°26	9°29	24°13	20°34	21°37	2°38	n.a.	M 9
T 10	0 4 2	29°50'16	20°46	26°43	24°59	4°19	24°51	23°45	22°26	9°30	24°12	20°31	21°34	2°44	n.a.	T 10
W11	0 7 59	0♎51'12	3♈15	25°26	25°16	4°55	25° 2	23°51	22°25	9°31	24°12	20°29	21°31	2°51	n.a.	W11
T 12	0 11 56	1°52'10	15°57	24°16	25°35	5°31	25°13	23°58	22°25	9°31	24°11	20°D28	21°28	2°58	n.a.	T 12
F 13	0 15 52	2°53'09	28°51	23°14	25°56	6° 7	25°24	24° 4	22°25	9°32	24°10	20°28	21°25	3° 5	n.a.	F 13
S 14	0 19 49	3°54'09	11♉57	22°23	26°19	6°43	25°35	24°10	22°24	9°32	24°10	20°29	21°22	3°11	n.a.	S 14
S 15	0 23 45	4°55'11	25°16	21°42	26°44	7°19	25°47	24°16	22°24	9°33	24° 9	20°30	21°18	3°18	n.a.	S 15
M16	0 27 42	5°56'14	8♊48	21°13	27°10	7°55	25°58	24°22	22°24	9°33	24° 8	20°31	21°15	3°25	n.a.	M16
T 17	0 31 38	6°57'19	22°32	20°55	27°39	8°31	26° 9	24°28	22°24	9°34	24° 7	20°32	21°12	3°31	n.a.	T 17
W18	0 35 35	7°58'25	6♋30	20°D49	28° 9	9° 7	26°21	24°34	22°23	9°34	24° 7	20°R33	21° 9	3°38	n.a.	W18
T 19	0 39 31	8°59'32	20°39	20°53	28°40	9°42	26°33	24°39	22°23	9°35	24° 6	20°32	21° 6	3°45	n.a.	T 19
F 20	0 43 28	10° 0'41	4♌59	21° 8	29°13	10°18	26°44	24°45	22°D23	9°35	24° 5	20°32	21° 2	3°52	n.a.	F 20
S 21	0 47 25	11° 1'51	19°25	21°31	29°48	10°54	26°56	24°51	22°23	9°35	24° 4	20°31	20°59	3°58	n.a.	S 21
S 22	0 51 21	12° 3'02	3♍54	22° 3	0♍24	11°30	27° 8	24°57	22°24	9°36	24° 3	20°30	20°56	4° 5	n.a.	S 22
M23	0 55 18	13° 4'14	18°20	22°42	1° 1	12° 5	27°20	25° 2	22°24	9°36	24° 2	20°29	20°53	4°12	n.a.	M23
T 24	0 59 14	14° 5'27	2♎39	23°28	1°40	12°41	27°32	25° 8	22°24	9°36	24° 1	20°28	20°50	4°18	n.a.	T 24
W25	1 3 11	15° 6'41	16°45	24°19	2°20	13°16	27°44	25°13	22°24	9°36	24° 0	20°D28	20°47	4°25	n.a.	W25
T 26	1 7 7	16° 7'55	0♏33	25°16	3° 1	13°52	27°57	25°19	22°24	9°36	23°59	20°28	20°43	4°32	n.a.	T 26
F 27	1 11 4	17° 9'11	14° 1	26°17	3°43	14°27	28° 9	25°24	22°25	9°36	23°58	20°28	20°40	4°39	n.a.	F 27
S 28	1 15 0	18°10'27	27° 8	27°22	4°26	15° 3	28°21	25°29	22°25	9°36	23°57	20°28	20°37	4°45	n.a.	S 28
S 29	1 18 57	19°11'43	9♐54	28°30	5°11	15°38	28°34	25°34	22°26	9°37	23°56	20°29	20°34	4°52	n.a.	S 29
M30	1 22 54	20°13'00	22°22	29°42	5°56	16°13	28°46	25°39	22°26	9°R37	23°55	20°R29	20°31	4°59	n.a.	M30
T 31	1 26 50	21♎14'18	4♑34	0♎55	6♍43	16♌48	28♏59	25♌45	22♑27	9♋36	23♉54	20♎29	20♎27	5♒ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	3n45	17s37	3n27	4s40	2s17	9n10	4s52	22n13	1n27	19s 3	0s 5	16n12	2n 7	22s43	0s43	23n56	0n21	18n10	1s 6	8s18	8s45	15s14			n.a.
M 2	3 21	18 49	4 13	4 16	2 5	9 25	4 38	22 5	1 27	19 6	0 5	16 10	2 7	22 43	0 43	23 56	0 21	18 10	1 6	8 18	8 44	15 13			n.a.
T 3	2 56	19 7	4 46	3 47	1 52	9 39	4 24	21 58	1 28	19 8	0 5	16 8	2 7	22 43	0 43	23 56	0 21	18 9	1 6	8 19	8 43	15 11			n.a.
W 4	2 32	18 32	5 7	3 12	1 37	9 51	4 10	21 51	1 28	19 11	0 5	16 5	2 8	22 43	0 43	23 56	0 21	18 9	1 6	8 18	8 42	15 10			n.a.
T 5	2 7	17 9	5 14	2 31	1 20	10 3	3 55	21 43	1 29	19 14	0 5	16 3	2 8	22 43	0 43	23 56	0 21	18 9	1 6	8 17	8 41	15 9			n.a.
F 6	1 43	15 2	5 7	1 46	1 2	10 15	3 42	21 35	1 29	19 16	0 5	16 1	2 8	22 43	0 43	23 56	0 21	18 9	1 6	8 16	8 39	15 7			n.a.
S 7	1 18	12 17	4 48	0 57	0 42	10 25	3 28	21 27	1 30	19 19	0 5	15 59	2 8	22 43	0 43	23 56	0 22	18 9	1 6	8 14	8 38	15 6			n.a.
S 8	0 53	9 0	4 15	0 6	0 22	10 34	3 14	21 19	1 30	19 22	0 5	15 57	2 8	22 43	0 43	23 56	0 22	18 9	1 6	8 13	8 37	15 5			n.a.
M 9	0 29	5 19	3 31	0n46	0 1	10 42	3 1	21 11	1 31	19 25	0 6	15 55	2 8	22 43	0 43	23 56	0 22	18 9	1 6	8 11	8 36	15 3			n.a.
T 10	0 4	1 21	2 37	1 38	0n19	10 50	2 48	21 3	1 31	19 28	0 6	15 53	2 9	22 43	0 43	23 56	0 22	18 9	1 6	8 10	8 34	15 2			n.a.
W11	0s21	2n45	1 34	2 27	0 39	10 56	2 35	20 54	1 32	19 30	0 6	15 51	2 9	22 43	0 43	23 56	0 22	18 9	1 6	8 9	8 33	15 1			n.a.
T 12	0 45	6 47	0 25	3 12	0 58	11 1	2 22	20 46	1 33	19 33	0 6	15 49	2 9	22 44	0 43	23 56	0 22	18 8	1 6	8 9	8 32	14 59			n.a.
F 13	1 10	10 34	0s46	3 53	1 16	11 6	2 10	20 37	1 33	19 36	0 6	15 47	2 9	22 44	0 43	23 56	0 22	18 8	1 6	8 9	8 31	14 58			n.a.
S 14	1 35	13 53	1 56	4 29	1 31	11 10	1 57	20 29	1 34	19 39	0 6	15 46	2 9	22 44	0 43	23 56	0 22	18 8	1 6	8 9	8 30	14 56			n.a.
S 15	2 0	16 33	3 1	4 58	1 45	11 12	1 46	20 20	1 34	19 42	0 6	15 44	2 9	22 44	0 43	23 56	0 22	18 8	1 6	8 10	8 28	14 55			n.a.
M16	2 24	18 19	3 57	5 20	1 57	11 14	1 34	20 11	1 35	19 44	0 6	15 42	2 10	22 44	0 43	23 56	0 22	18 8	1 5	8 10	8 27	14 54			n.a.
T 17	2 49	19 3	4 40	5 37	2 7	11 15	1 23	20 2	1 35	19 47	0 7	15 40	2 10	22 44	0 43	23 56	0 22	18 8	1 5	8 11	8 26	14 52			n.a.
W18	3 13	18 39	5 7	5 47	2 15	11 15	1 12	19 53	1 36	19 50	0 7	15 38	2 10	22 44	0 43	23 56	0 22	18 8	1 5	8 11	8 25	14 51			n.a.
T 19	3 38	17 5	5 17	5 51	2 22	11 14	1 1	19 43	1 36	19 53	0 7	15 36	2 10	22 44	0 43	23 56	0 22	18 7	1 5	8 11	8 24	14 50			n.a.
F 20	4 3	14 27	5 7	5 49	2 26	11 12	0 50	19 34	1 37	19 56	0 7	15 34	2 10	22 44	0 43	23 56	0 22	18 7	1 5	8 11	8 22	14 48			n.a.
S 21	4 27	10 55	4 37	5 43	2 30	11 9	0 40	19 25	1 37	19 59	0 7	15 33	2 10	22 43	0 43	23 56	0 22	18 7	1 5	8 10	8 21	14 47			n.a.
S 22	4 51	6 42	3 51	5 32	2 32	11 5	0 30	19 15	1 38	20 2	0 7	15 31	2 11	22 43	0 43	23 56	0 22	18 7	1 5	8 10	8 20	14 45			n.a.
M23	5 16	2 7	2 49	5 17	2 32	11 1	0 20	19 5	1 39	20 5	0 7	15 29	2 11	22 43	0 43	23 56	0 22	18 7	1 5	8 9	8 19	14 44			n.a.
T 24	5 40	2s33	1 37	4 58	2 32	10 56	0 11	18 56	1 39	20 8	0 7	15 27	2 11	22 43	0 43	23 56	0 22	18 6	1 5	8 9	8 17	14 43			n.a.
W25	6 4	7 2	0 21	4 36	2 31	10 50	0 2	18 46	1 40	20 10	0 7	15 26	2 11	22 43	0 43	23 56	0 22	18 6	1 5	8 9	8 16	14 41			n.a.
T 26	6 28	11 2	0n56	4 11	2 28	10 43	0n 7	18 36	1 40	20 13	0 7	15 24	2 11	22 43	0 43	23 56	0 22	18 6	1 5	8 9	8 15	14 40			n.a.
F 27	6 52	14 21	2 7	3 43	2 25	10 35	0 16	18 26	1 41	20 16	0 8	15 22	2 12	22 43	0 43	23 56	0 22	18 6	1 5	8 9	8 14	14 39			n.a.
S 28	7 16	16 50	3 10	3 14	2 22	10 27	0 24	18 16	1 41	20 19	0 8	15 21	2 12	22 43	0 43	23 56	0 22	18 6	1 5	8 9	8 13	14 37			n.a.
S 29	7 40	18 24	4 1	2 42	2 18	10 18	0 32	18 5	1 42	20 22	0 8	15 19	2 12	22 43	0 43	23 56	0 22	18 5	1 5	8 9	8 11	14 36			n.a.
M30	8 3	19 2	4 40	2 9	2 13	10 8	0 40	17 55	1 42	20 25	0 8	15 18	2 12	22 43	0 42	23 56	0 22	18 5	1 5	8 9	8 10	14 34			n.a.
T 31	8s27	18s45	5n 5	1n35	2n 8	9n57	0n47	17n45	1n43	20s28	0s 8	15n16	2n12	22s43	0s42	23n56	0n22	18n 5	1s 5	8s 9	8s 9	14s33			n.a.

Julian Day Number = 981699.5, Delta T = 13h13m03s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'37, Lahiri = -31°52'36 Julian Calendar 1 Oct. 2026 BCE == Greg. Calendar 14 Sept. 2026 BCE

The year -2025 astronomical counting style corresponds to year 2026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

NOVEMBER 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 30 47	22♎15'35	16♉35	2♎11	7♍30	17♌24	29♏11	25♌50	22♉27	9°R36	23°R53	20°D29	20♎24	5♒12	n.a.	W 1
T 2	1 34 43	23°16'53	28°29	3°29	8°18	17°59	29°24	25°54	22°28	9♋36	23♉52	20♎29	20°21	5°19	n.a.	T 2
F 3	1 38 40	24°18'11	10♒21	4°49	9° 7	18°34	29°37	25°59	22°29	9°36	23°51	20°29	20°18	5°26	n.a.	F 3
S 4	1 42 36	25°19'29	22°16	6°10	9°57	19° 9	29°50	26° 4	22°29	9°36	23°50	20°29	20°15	5°32	n.a.	S 4
S 5	1 46 33	26°20'47	4♓17	7°32	10°48	19°44	0♐ 3	26° 9	22°30	9°36	23°49	20°30	20°12	5°39	n.a.	S 5
M 6	1 50 30	27°22'06	16°30	8°56	11°40	20°19	0°16	26°13	22°31	9°36	23°48	20°30	20° 8	5°46	n.a.	M 6
T 7	1 54 26	28°23'24	28°57	10°20	12°32	20°54	0°29	26°18	22°32	9°35	23°47	20°31	20° 5	5°53	n.a.	T 7
W 8	1 58 23	29°24'43	11♈40	11°46	13°25	21°28	0°42	26°22	22°33	9°35	23°46	20°32	20° 2	5°59	n.a.	W 8
T 9	2 2 19	0♏26'01	24°40	13°12	14°19	22° 3	0°55	26°27	22°34	9°35	23°44	20°R32	19°59	6° 6	n.a.	T 9
F 10	2 6 16	1°27'20	7♉57	14°39	15°14	22°38	1° 8	26°31	22°35	9°34	23°43	20°31	19°56	6°13	n.a.	F 10
S 11	2 10 12	2°28'39	21°30	16° 6	16° 9	23°12	1°22	26°35	22°36	9°34	23°42	20°30	19°53	6°19	n.a.	S 11
S 12	2 14 9	3°29'59	5♊17	17°34	17° 5	23°47	1°35	26°40	22°37	9°33	23°41	20°29	19°49	6°26	n.a.	S 12
M13	2 18 5	4°31'18	19°14	19° 3	18° 1	24°21	1°48	26°44	22°39	9°33	23°40	20°27	19°46	6°33	n.a.	M13
T 14	2 22 2	5°32'38	3♋19	20°32	18°58	24°56	2° 2	26°48	22°40	9°32	23°38	20°25	19°43	6°40	n.a.	T 14
W15	2 25 59	6°33'58	17°29	22° 1	19°56	25°30	2°15	26°52	22°41	9°32	23°37	20°23	19°40	6°46	n.a.	W15
T 16	2 29 55	7°35'18	1♌40	23°31	20°54	26° 4	2°29	26°55	22°43	9°31	23°36	20°D23	19°37	6°53	n.a.	T 16
F 17	2 33 52	8°36'38	15°51	25° 2	21°52	26°39	2°42	26°59	22°44	9°31	23°35	20°23	19°33	7° 0	n.a.	F 17
S 18	2 37 48	9°37'59	29°59	26°33	22°51	27°13	2°56	27° 3	22°45	9°30	23°34	20°23	19°30	7° 6	n.a.	S 18
S 19	2 41 45	10°39'19	14♍ 2	28° 4	23°51	27°47	3° 9	27° 6	22°47	9°29	23°32	20°25	19°27	7°13	n.a.	S 19
M20	2 45 41	11°40'40	27°59	29°35	24°51	28°21	3°23	27°10	22°48	9°29	23°31	20°26	19°24	7°20	n.a.	M20
T 21	2 49 38	12°42'00	11♎48	1♏ 7	25°52	28°55	3°37	27°13	22°50	9°28	23°30	20°27	19°21	7°27	n.a.	T 21
W22	2 53 35	13°43'21	25°26	2°39	26°53	29°29	3°51	27°16	22°52	9°27	23°29	20°R27	19°18	7°33	n.a.	W22
T 23	2 57 31	14°44'41	8♏52	4°12	27°54	0♍ 2	4° 4	27°20	22°53	9°27	23°27	20°26	19°14	7°40	n.a.	T 23
F 24	3 1 28	15°46'00	22° 4	5°45	28°56	0°36	4°18	27°23	22°55	9°26	23°26	20°24	19°11	7°47	n.a.	F 24
S 25	3 5 24	16°47'20	5♐ 1	7°19	29°58	1°10	4°32	27°26	22°57	9°25	23°25	20°20	19° 8	7°53	n.a.	S 25
S 26	3 9 21	17°48'38	17°42	8°53	1♎ 0	1°43	4°46	27°29	22°59	9°24	23°23	20°15	19° 5	8° 0	n.a.	S 26
M27	3 13 17	18°49'56	0♑ 8	10°27	2° 3	2°17	5° 0	27°31	23° 1	9°23	23°22	20°10	19° 2	8° 7	n.a.	M27
T 28	3 17 14	19°51'14	12°20	12° 2	3° 6	2°50	5°14	27°34	23° 3	9°22	23°21	20° 5	18°58	8°14	n.a.	T 28
W29	3 21 11	20°52'30	24°21	13°37	4°10	3°23	5°28	27°37	23° 4	9°21	23°20	20° 1	18°55	8°20	n.a.	W29
T 30	3 25 7	21♏53'46	6♒15	15♏13	5♎13	3♍56	5♐42	27♌39	23♑ 6	9♋20	23♉18	19♎59	18♎52	8♒27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8s50	17s38	5n17	0n59	2n 3	9n46	0n55	17n34	1n44	20s31	0s 8	15n14	2n13	22s42	0s42	23n56	0n22	18n 5	1s 5	8s 9	8s 8	14s32		n.a.
T 2	9 13	15 45	5 14	0 22	1 57	9 34	1 2	17 24	1 44	20 34	0 8	15 13	2 13	22 42	0 42	23 56	0 22	18 5	1 5	8 9	8 6	14 30		n.a.
F 3	9 36	13 13	4 59	0s16	1 51	9 22	1 8	17 13	1 45	20 37	0 8	15 12	2 13	22 42	0 42	23 56	0 22	18 4	1 5	8 9	8 5	14 29		n.a.
S 4	9 59	10 7	4 30	0 54	1 45	9 9	1 15	17 3	1 45	20 40	0 8	15 10	2 13	22 42	0 42	23 56	0 22	18 4	1 5	8 10	8 4	14 27		n.a.
S 5	10 22	6 35	3 49	1 33	1 38	8 55	1 21	16 52	1 46	20 43	0 9	15 9	2 14	22 42	0 42	23 56	0 22	18 4	1 5	8 10	8 3	14 26		n.a.
M 6	10 45	2 43	2 58	2 13	1 32	8 40	1 27	16 41	1 46	20 45	0 9	15 7	2 14	22 42	0 42	23 56	0 22	18 4	1 4	8 10	8 2	14 25		n.a.
T 7	11 7	1n21	1 57	2 53	1 25	8 25	1 33	16 30	1 47	20 48	0 9	15 6	2 14	22 41	0 42	23 56	0 22	18 3	1 4	8 10	8 0	14 23		n.a.
W 8	11 29	5 27	0 49	3 33	1 18	8 9	1 39	16 19	1 47	20 51	0 9	15 5	2 14	22 41	0 42	23 56	0 22	18 3	1 4	8 11	7 59	14 22		n.a.
T 9	11 51	9 23	0s23	4 13	1 11	7 53	1 44	16 8	1 48	20 54	0 9	15 3	2 14	22 41	0 42	23 57	0 22	18 3	1 4	8 11	7 58	14 20		n.a.
F 10	12 13	12 57	1 35	4 54	1 4	7 36	1 49	15 57	1 49	20 57	0 9	15 2	2 15	22 41	0 42	23 57	0 22	18 3	1 4	8 10	7 57	14 19		n.a.
S 11	12 35	15 53	2 43	5 35	0 57	7 19	1 54	15 46	1 49	21 0	0 9	15 1	2 15	22 41	0 42	23 57	0 22	18 2	1 4	8 10	7 55	14 18		n.a.
S 12	12 56	17 57	3 43	6 16	0 50	7 1	1 59	15 35	1 50	21 3	0 9	14 59	2 15	22 40	0 42	23 57	0 22	18 2	1 4	8 9	7 54	14 16		n.a.
M13	13 17	18 59	4 30	6 57	0 43	6 43	2 3	15 24	1 50	21 6	0 9	14 58	2 15	22 40	0 42	23 57	0 22	18 2	1 4	8 9	7 53	14 15		n.a.
T 14	13 38	18 51	5 2	7 38	0 36	6 24	2 7	15 13	1 51	21 9	0 9	14 57	2 16	22 40	0 42	23 57	0 22	18 2	1 4	8 8	7 52	14 13		n.a.
W15	13 59	17 33	5 16	8 18	0 29	6 4	2 11	15 1	1 51	21 11	0 10	14 56	2 16	22 40	0 42	23 57	0 23	18 1	1 4	8 7	7 51	14 12		n.a.
T 16	14 19	15 9	5 10	8 59	0 22	5 45	2 15	14 50	1 52	21 14	0 10	14 55	2 16	22 39	0 42	23 57	0 23	18 1	1 4	8 7	7 49	14 10		n.a.
F 17	14 40	11 52	4 45	9 39	0 15	5 24	2 19	14 39	1 53	21 17	0 10	14 54	2 16	22 39	0 42	23 57	0 23	18 1	1 4	8 7	7 48	14 9		n.a.
S 18	14 59	7 55	4 4	10 19	0 8	5 4	2 22	14 27	1 53	21 20	0 10	14 53	2 17	22 39	0 42	23 57	0 23	18 1	1 4	8 7	7 47	14 8		n.a.
S 19	15 19	3 32	3 8	10 59	0 1	4 43	2 26	14 16	1 54	21 23	0 10	14 52	2 17	22 39	0 42	23 57	0 23	18 0	1 4	8 8	7 46	14 6		n.a.
M20	15 39	1s 1	2 1	11 39	0s 6	4 21	2 29	14 4	1 54	21 25	0 10	14 51	2 17	22 38	0 42	23 57	0 23	18 0	1 4	8 8	7 44	14 5		n.a.
T 21	15 58	5 29	0 48	12 18	0 13	3 59	2 31	13 52	1 55	21 28	0 10	14 50	2 17	22 38	0 42	23 57	0 23	18 0	1 4	8 9	7 43	14 3		n.a.
W22	16 17	9 36	0n27	12 56	0 19	3 37	2 34	13 41	1 55	21 31	0 10	14 49	2 18	22 38	0 42	23 57	0 23	18 0	1 4	8 9	7 42	14 2		n.a.
T 23	16 35	13 10	1 40	13 35	0 26	3 14	2 37	13 29	1 56	21 34	0 10	14 48	2 18	22 37	0 42	23 57	0 23	17 59	1 4	8 8	7 41	14 0		n.a.
F 24	16 53	16 0	2 45	14 13	0 32	2 51	2 39	13 18	1 57	21 36	0 11	14 47	2 18	22 37	0 42	23 58	0 23	17 59	1 3	8 8	7 40	13 59		n.a.
S 25	17 11	17 57	3 41	14 50	0 38	2 28	2 41	13 6	1 57	21 39	0 11	14 46	2 19	22 37	0 42	23 58	0 23	17 59	1 3	8 6	7 38	13 58		n.a.
S 26	17 29	18 58	4 24	15 27	0 44	2 5	2 43	12 54	1 58	21 42	0 11	14 46	2 19	22 36	0 42	23 58	0 23	17 59	1 3	8 4	7 37	13 56		n.a.
M27	17 46	19 2	4 54	16 3	0 50	1 41	2 45	12 42	1 58	21 44	0 11	14 45	2 19	22 36	0 42	23 58	0 23	17 58	1 3	8 2	7 36	13 55		n.a.
T 28	18 3	18 12	5 10	16 39	0 56	1 17	2 46	12 31	1 59	21 47	0 11	14 44	2 19	22 36	0 42	23 58	0 23	17 58	1 3	8 0	7 35	13 53		n.a.
W29	18 20	16 34	5 12	17 14	1 2	0 52	2 48	12 19	1 59	21 50	0 11	14 43	2 20	22 35	0 42	23 58	0 23	17 58	1 3	7 59	7 33	13 52		n.a.
T 30	18s36	14s15	5n 0	17s48	1s 7	0n28	2n49	12n 7	2n 0	21s52	0s11	14n43	2n20	22s35	0s42	23n58	0n23	17n58	1s 3	7s58	7s32	13s50		n.a.

Julian Day Number = 981730.5, Delta T = 13h13m01s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'33, Lahiri = -31°52'32 Julian Calendar 1 Nov. 2026 BCE == Greg. Calendar 15 Oct. 2026 BCE

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ASTRODIENST EPHEMERIS for the year 2026 BCE
geocentric

DECEMBER 2026 BCE (-2025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 29 4	22♏55'00	18♒ 7	16♏49	6♎17	4♍29	5♐56	27♌42	23♉ 8	9°R19	23°R17	19°D57	18♎49	8♒34	n.a.	F 1
S 2	3 33 0	23°56'13	29°59	18°25	7°22	5° 2	6°10	27°44	23°11	9♋18	23♉16	19♎57	18°46	8°40	n.a.	S 2
S 3	3 36 57	24°57'26	12♓ 0	20° 2	8°26	5°35	6°24	27°46	23°13	9°17	23°14	19°58	18°43	8°47	n.a.	S 3
M 4	3 40 53	25°58'37	24°12	21°40	9°31	6° 8	6°38	27°48	23°15	9°16	23°13	20° 0	18°39	8°54	n.a.	M 4
T 5	3 44 50	26°59'47	6♈41	23°18	10°36	6°41	6°52	27°51	23°17	9°15	23°12	20° 2	18°36	9° 1	n.a.	T 5
W 6	3 48 46	28° 0'56	19°29	24°57	11°42	7°13	7° 6	27°52	23°19	9°14	23°11	20°R 3	18°33	9° 7	n.a.	W 6
T 7	3 52 43	29° 2'05	2♉41	26°36	12°48	7°46	7°20	27°54	23°22	9°13	23° 9	20° 2	18°30	9°14	n.a.	T 7
F 8	3 56 40	0♗ 3'11	16°16	28°16	13°54	8°18	7°35	27°56	23°24	9°11	23° 8	19°59	18°27	9°21	n.a.	F 8
S 9	4 0 36	1° 4'17	0♊13	29°56	15° 0	8°50	7°49	27°58	23°26	9°10	23° 7	19°54	18°24	9°28	n.a.	S 9
S 10	4 4 33	2° 5'22	14°28	1♗37	16° 6	9°23	8° 3	27°59	23°29	9° 9	23° 6	19°48	18°20	9°34	n.a.	S 10
M11	4 8 29	3° 6'26	28°56	3°19	17°13	9°55	8°17	28° 1	23°31	9° 8	23° 4	19°41	18°17	9°41	n.a.	M11
T 12	4 12 26	4° 7'29	13♋31	5° 1	18°19	10°27	8°31	28° 2	23°34	9° 6	23° 3	19°34	18°14	9°48	n.a.	T 12
W13	4 16 22	5° 8'31	28° 5	6°44	19°27	10°58	8°46	28° 3	23°36	9° 5	23° 2	19°28	18°11	9°54	n.a.	W13
T 14	4 20 19	6° 9'32	12♌32	8°28	20°34	11°30	9° 0	28° 4	23°39	9° 4	23° 1	19°24	18° 8	10° 1	n.a.	T 14
F 15	4 24 16	7°10'32	26°49	10°12	21°41	12° 2	9°14	28° 5	23°41	9° 2	22°59	19°21	18° 4	10° 8	n.a.	F 15
S 16	4 28 12	8°11'31	10♍54	11°57	22°49	12°33	9°28	28° 6	23°44	9° 1	22°58	19°D21	18° 1	10°15	n.a.	S 16
S 17	4 32 9	9°12'29	24°44	13°42	23°56	13° 4	9°42	28° 7	23°46	9° 0	22°57	19°21	17°58	10°21	n.a.	S 17
M18	4 36 5	10°13'27	8♎21	15°28	25° 4	13°36	9°57	28° 8	23°49	8°58	22°56	19°23	17°55	10°28	n.a.	M18
T 19	4 40 2	11°14'23	21°46	17°14	26°12	14° 7	10°11	28° 8	23°52	8°57	22°54	19°R23	17°52	10°35	n.a.	T 19
W20	4 43 58	12°15'17	4♏58	19° 1	27°21	14°38	10°25	28° 9	23°54	8°55	22°53	19°22	17°49	10°41	n.a.	W20
T 21	4 47 55	13°16'11	18° 0	20°48	28°29	15° 8	10°39	28° 9	23°57	8°54	22°52	19°18	17°45	10°48	n.a.	T 21
F 22	4 51 51	14°17'03	0♗50	22°35	29°38	15°39	10°54	28°10	24° 0	8°52	22°51	19°12	17°42	10°55	n.a.	F 22
S 23	4 55 48	15°17'54	13°30	24°22	0♏46	16°10	11° 8	28°10	24° 3	8°51	22°50	19° 3	17°39	11° 2	n.a.	S 23
S 24	4 59 45	16°18'44	25°58	26°10	1°55	16°40	11°22	28°R10	24° 6	8°49	22°48	18°52	17°36	11° 8	n.a.	S 24
M25	5 3 41	17°19'32	8♑16	27°57	3° 4	17°10	11°36	28°10	24° 9	8°48	22°47	18°41	17°33	11°15	n.a.	M25
T 26	5 7 38	18°20'18	20°24	29°44	4°13	17°40	11°50	28°10	24°11	8°46	22°46	18°29	17°30	11°22	n.a.	T 26
W27	5 11 34	19°21'02	2♒22	1♑31	5°22	18°10	12° 5	28°10	24°14	8°45	22°45	18°19	17°26	11°28	n.a.	W27
T 28	5 15 31	20°21'45	14°15	3°16	6°31	18°40	12°19	28° 9	24°17	8°43	22°44	18°10	17°23	11°35	n.a.	T 28
F 29	5 19 27	21°22'26	26° 5	5° 0	7°41	19° 9	12°33	28° 9	24°20	8°42	22°43	18° 4	17°20	11°42	n.a.	F 29
S 30	5 23 24	22°23'04	7♓56	6°43	8°50	19°39	12°47	28° 8	24°23	8°40	22°42	18° 1	17°17	11°48	n.a.	S 30
S 31	5 27 20	23♗23'41	19♓53	8♑24	10♏ 0	20♍ 8	13♗ 1	28♌ 8	24♑26	8♋38	22♉41	18°D 0	17♎14	11♒55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	18s52	11s20	4n36	18s21	1s13	0n 3	2n50	11n55	2n 1	21s55	0s11	14n42	2n20	22s35	0s42	23n58	0n23	17n57	1s 3	7s57	7s31	13s49		n.a.	F 1
S 2	19 8	7 58	4 0	18 54	1 18	0s22	2 51	11 44	2 1	21 58	0 11	14 42	2 20	22 34	0 41	23 58	0 23	17 57	1 3	7 57	7 30	13 47		n.a.	S 2
S 3	19 23	4 14	3 13	19 26	1 23	0 47	2 52	11 32	2 2	22 0	0 12	14 41	2 21	22 34	0 41	23 58	0 23	17 57	1 3	7 58	7 28	13 46		n.a.	S 3
M 4	19 38	0 16	2 16	19 57	1 27	1 13	2 53	11 20	2 2	22 3	0 12	14 41	2 21	22 33	0 41	23 58	0 23	17 56	1 3	7 58	7 27	13 44		n.a.	M 4
T 5	19 53	3n48	1 12	20 27	1 32	1 38	2 53	11 8	2 3	22 5	0 12	14 40	2 21	22 33	0 41	23 59	0 23	17 56	1 3	7 59	7 26	13 43		n.a.	T 5
W 6	20 7	7 49	0 3	20 56	1 36	2 4	2 53	10 56	2 4	22 8	0 12	14 40	2 22	22 33	0 41	23 59	0 23	17 56	1 3	7 59	7 25	13 42		n.a.	W 6
T 7	20 21	11 35	1s 8	21 24	1 40	2 30	2 54	10 44	2 4	22 10	0 12	14 39	2 22	22 32	0 41	23 59	0 23	17 56	1 3	7 59	7 24	13 40		n.a.	T 7
F 8	20 34	14 51	2 18	21 51	1 43	2 56	2 54	10 33	2 5	22 13	0 12	14 39	2 22	22 32	0 41	23 59	0 23	17 55	1 3	7 58	7 22	13 39		n.a.	F 8
S 9	20 47	17 21	3 20	22 17	1 46	3 22	2 54	10 21	2 5	22 15	0 12	14 39	2 22	22 31	0 41	23 59	0 23	17 55	1 3	7 56	7 21	13 37		n.a.	S 9
S 10	21 0	18 49	4 12	22 41	1 49	3 48	2 53	10 9	2 6	22 18	0 12	14 38	2 23	22 31	0 41	23 59	0 23	17 55	1 2	7 54	7 20	13 36		n.a.	S 10
M11	21 12	19 7	4 49	23 4	1 52	4 14	2 53	9 57	2 6	22 20	0 12	14 38	2 23	22 30	0 41	23 59	0 23	17 55	1 2	7 51	7 19	13 34		n.a.	M11
T 12	21 24	18 8	5 7	23 26	1 54	4 40	2 53	9 45	2 7	22 23	0 13	14 38	2 23	22 30	0 41	23 59	0 23	17 54	1 2	7 48	7 17	13 33		n.a.	T 12
W13	21 35	15 59	5 5	23 47	1 56	5 7	2 52	9 33	2 8	22 25	0 13	14 38	2 24	22 29	0 41	23 59	0 23	17 54	1 2	7 46	7 16	13 31		n.a.	W13
T 14	21 46	12 51	4 44	24 6	1 58	5 33	2 51	9 22	2 8	22 27	0 13	14 38	2 24	22 29	0 41	24 0	0 23	17 54	1 2	7 44	7 15	13 30		n.a.	T 14
F 15	21 57	8 59	4 5	24 23	1 59	5 59	2 51	9 10	2 9	22 30	0 13	14 37	2 24	22 29	0 41	24 0	0 23	17 54	1 2	7 43	7 14	13 28		n.a.	F 15
S 16	22 7	4 40	3 12	24 39	1 59	6 26	2 50	8 58	2 9	22 32	0 13	14 37	2 24	22 28	0 41	24 0	0 23	17 53	1 2	7 43	7 12	13 27		n.a.	S 16
S 17	22 17	0 10	2 9	24 53	2 0	6 52	2 49	8 46	2 10	22 34	0 13	14 37	2 25	22 28	0 41	24 0	0 23	17 53	1 2	7 43	7 11	13 25		n.a.	S 17
M18	22 26	4s17	0 59	25 5	1 59	7 18	2 47	8 35	2 11	22 37	0 13	14 37	2 25	22 27	0 41	24 0	0 23	17 53	1 2	7 44	7 10	13 24		n.a.	M18
T 19	22 35	8 27	0n13	25 16	1 58	7 45	2 46	8 23	2 11	22 39	0 13	14 37	2 25	22 27	0 41	24 0	0 23	17 53	1 2	7 44	7 9	13 22		n.a.	T 19
W20	22 43	12 9	1 23	25 24	1 57	8 11	2 45	8 11	2 12	22 41	0 13	14 38	2 26	22 26	0 41	24 0	0 23	17 52	1 2	7 44	7 8	13 21		n.a.	W20
T 21	22 51	15 11	2 27	25 31	1 55	8 37	2 43	8 0	2 12	22 43	0 14	14 38	2 26	22 26	0 41	24 0	0 23	17 52	1 2	7 42	7 6	13 19		n.a.	T 21
F 22	22 59	17 26	3 23	25 35	1 53	9 3	2 42	7 48	2 13	22 45	0 14	14 38	2 26	22 25	0 41	24 1	0 23	17 52	1 2	7 40	7 5	13 18		n.a.	F 22
S 23	23 6	18 47	4 8	25 38	1 50	9 29	2 40	7 36	2 13	22 48	0 14	14 38	2 26	22 25	0 41	24 1	0 23	17 52	1 2	7 36	7 4	13 16		n.a.	S 23
S 24	23 12	19 11	4 40	25 38	1 46	9 55	2 38	7 25	2 14	22 50	0 14	14 38	2 27	22 24	0 41	24 1	0 23	17 51	1 1	7 32	7 3	13 15		n.a.	S 24
M25	23 18	18 41	4 59	25 36	1 41	10 20	2 36	7 13	2 15	22 52	0 14	14 39	2 27	22 23	0 41	24 1	0 23	17 51	1 1	7 28	7 1	13 13		n.a.	M25
T 26	23 24	17 20	5 4	25 32	1 36	10 46	2 34	7 2	2 15	22 54	0 14	14 39	2 27	22 23	0 41	24 1	0 23	17 51	1 1	7 23	7 0	13 12		n.a.	T 26
W27	23 29	15 15	4 55	25 25	1 30	11 11	2 32	6 51	2 16	22 56	0 14	14 39	2 28	22 22	0 41	24 1	0 23	17 51	1 1	7 19	6 59	13 10		n.a.	W27
T 28	23 34	12 32	4 33	25 16	1 24	11 36	2 30	6 39	2 16	22 58	0 14	14 40	2 28	22 22	0 41	24 1	0 23	17 51	1 1	7 16	6 58	13 9		n.a.	T 28
F 29	23 38	9 19	4 0	25 6	1 16	12 1	2 28	6 28	2 17	23 0	0 14	14 40	2 28	22 21	0 41	24 1	0 23	17 50	1 1	7 14	6 56	13 7		n.a.	F 29
S 30	23 42	5 44	3 17	24 53	1 8	12 26	2 26	6 17	2 17	23 2	0 15	14 40	2 28	22 21	0 41	24 1	0 23	17 50	1 1	7 12	6 55	13 6		n.a.	S 30
S 31	23s45	1s53	2n24	24s38	0s59	12s51	2n23	6n 6	2n18	23s 4	0s15	14n41	2n29	22s20	0s41	24n 2	0n24	17n50	1s 1	7s12	6s54	13s 4		n.a.	S 31

Julian Day Number = 981760.5, Delta T = 13h12m59s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'29, Lahiri = -31°52'28 Julian Calendar 1 Dec. 2026 BCE == Greg. Calendar 14 Nov. 2026 BCE

The year -2025 astronomical counting style corresponds to year 2026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

JANUARY 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 31 17	24♐24'16	2♈ 1	10♑ 2	11♏ 9	20♍37	13♐15	28°R 7	24♑29	8°R37	22°R39	18♎ 0	17♎10	12♒ 2	n.a.	M 1
T 2	5 35 14	25°24'48	14°26	11°38	12°19	21° 6	13°30	28♌ 6	24°32	8♋35	22♉38	18°R 1	17° 7	12° 9	n.a.	T 2
W 3	5 39 10	26°25'19	27°13	13° 9	13°29	21°34	13°44	28° 5	24°36	8°34	22°37	18° 0	17° 4	12°15	n.a.	W 3
T 4	5 43 7	27°25'48	10♉25	14°37	14°39	22° 3	13°58	28° 4	24°39	8°32	22°36	17°58	17° 1	12°22	n.a.	T 4
F 5	5 47 3	28°26'14	24° 6	16° 0	15°49	22°31	14°12	28° 3	24°42	8°30	22°35	17°53	16°58	12°29	n.a.	F 5
S 6	5 51 0	29°26'39	8♊15	17°18	16°59	22°59	14°26	28° 2	24°45	8°29	22°34	17°46	16°55	12°35	n.a.	S 6
S 7	5 54 56	0♑27'02	22°48	18°29	18° 9	23°27	14°40	28° 0	24°48	8°27	22°33	17°37	16°51	12°42	n.a.	S 7
M 8	5 58 53	1°27'22	7♋40	19°34	19°20	23°55	14°54	27°59	24°51	8°25	22°32	17°26	16°48	12°49	n.a.	M 8
T 9	6 2 49	2°27'41	22°41	20°32	20°30	24°22	15° 8	27°57	24°55	8°24	22°31	17°15	16°45	12°56	n.a.	T 9
W10	6 6 46	3°27'58	7♌42	21°21	21°40	24°49	15°21	27°56	24°58	8°22	22°31	17° 5	16°42	13° 2	n.a.	W10
T 11	6 10 43	4°28'13	22°33	22° 2	22°51	25°16	15°35	27°54	25° 1	8°20	22°30	16°57	16°39	13° 9	n.a.	T 11
F 12	6 14 39	5°28'27	7♍ 8	22°34	24° 1	25°43	15°49	27°52	25° 4	8°19	22°29	16°52	16°36	13°16	n.a.	F 12
S 13	6 18 36	6°28'38	21°23	22°57	25°12	26°10	16° 3	27°50	25° 8	8°17	22°28	16°49	16°32	13°22	n.a.	S 13
S 14	6 22 32	7°28'48	5♎15	23°10	26°23	26°36	16°17	27°48	25°11	8°15	22°27	16°D49	16°29	13°29	n.a.	S 14
M15	6 26 29	8°28'56	18°47	23°R13	27°33	27° 2	16°30	27°46	25°14	8°14	22°26	16°R49	16°26	13°36	n.a.	M15
T 16	6 30 25	9°29'03	2♏ 0	23° 7	28°44	27°28	16°44	27°44	25°17	8°12	22°25	16°48	16°23	13°43	n.a.	T 16
W17	6 34 22	10°29'07	14°57	22°51	29°55	27°54	16°58	27°42	25°21	8°10	22°24	16°45	16°20	13°49	n.a.	W17
T 18	6 38 18	11°29'10	27°40	22°27	1♐ 6	28°19	17°11	27°39	25°24	8° 9	22°24	16°40	16°16	13°56	n.a.	T 18
F 19	6 42 15	12°29'11	10♐12	21°54	2°17	28°44	17°25	27°37	25°27	8° 7	22°23	16°32	16°13	14° 3	n.a.	F 19
S 20	6 46 12	13°29'10	22°35	21°15	3°28	29° 9	17°39	27°34	25°31	8° 5	22°22	16°21	16°10	14° 9	n.a.	S 20
S 21	6 50 8	14°29'07	4♑49	20°28	4°39	29°34	17°52	27°32	25°34	8° 4	22°21	16° 8	16° 7	14°16	n.a.	S 21
M22	6 54 5	15°29'02	16°56	19°37	5°50	29°58	18° 6	27°29	25°38	8° 2	22°21	15°53	16° 4	14°23	n.a.	M22
T 23	6 58 1	16°28'55	28°56	18°41	7° 2	0♎22	18°19	27°26	25°41	8° 0	22°20	15°38	16° 1	14°30	n.a.	T 23
W24	7 1 58	17°28'46	10♒50	17°43	8°13	0°45	18°32	27°23	25°44	7°59	22°19	15°25	15°57	14°36	n.a.	W24
T 25	7 5 54	18°28'34	22°41	16°44	9°24	1° 9	18°46	27°20	25°48	7°57	22°19	15°14	15°54	14°43	n.a.	T 25
F 26	7 9 51	19°28'20	4♓30	15°45	10°35	1°32	18°59	27°17	25°51	7°56	22°18	15° 5	15°51	14°50	n.a.	F 26
S 27	7 13 47	20°28'03	16°20	14°47	11°47	1°54	19°12	27°14	25°55	7°54	22°18	15° 0	15°48	14°56	n.a.	S 27
S 28	7 17 44	21°27'44	28°16	13°51	12°58	2°17	19°25	27°11	25°58	7°52	22°17	14°57	15°45	15° 3	n.a.	S 28
M29	7 21 40	22°27'23	10♈22	13° 0	14° 9	2°39	19°38	27° 8	26° 1	7°51	22°16	14°56	15°42	15°10	n.a.	M29
T 30	7 25 37	23°26'59	22°44	12°12	15°21	3° 0	19°51	27° 4	26° 5	7°49	22°16	14°56	15°38	15°16	n.a.	T 30
W31	7 29 34	24♑26'33	5♉26	11♑30	16♐32	3♎22	20♐ 4	27♌ 1	26♑ 8	7♋47	22♉15	14♎56	15♎35	15♒23	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	23s48	2n 6	1n24	24s21	0s49	13s15	2n21	5n54	2n19	23s 6	0s15	14n41	2n29	22s20	0s41	24n 2	0n24	17n50	1s 1	7s12		6s53		13s 3			n.a.
T 2	23 51	6 6	0 19	24 2	0 38	13 39	2 18	5 43	2 19	23 8	0 15	14 42	2 29	22 19	0 41	24 2	0 24	17 50	1 1	7 12		6 51		13 1			n.a.
W 3	23 52	9 56	0s49	23 41	0 26	14 3	2 16	5 32	2 20	23 10	0 15	14 43	2 30	22 18	0 41	24 2	0 24	17 49	1 1	7 12		6 50		13 0			n.a.
T 4	23 54	13 25	1 56	23 20	0 14	14 27	2 13	5 21	2 20	23 11	0 15	14 43	2 30	22 18	0 41	24 2	0 24	17 49	1 1	7 11		6 49		12 58			n.a.
F 5	23 55	16 17	2 59	22 57	0 0	14 50	2 10	5 10	2 21	23 13	0 15	14 44	2 30	22 17	0 41	24 2	0 24	17 49	1 1	7 9		6 48		12 57			n.a.
S 6	23 55	18 17	3 53	22 33	0n14	15 13	2 8	5 0	2 21	23 15	0 15	14 45	2 30	22 17	0 41	24 2	0 24	17 49	1 0	7 7		6 46		12 55			n.a.
S 7	23 55	19 10	4 34	22 9	0 28	15 35	2 5	4 49	2 22	23 17	0 16	14 45	2 31	22 16	0 41	24 2	0 24	17 49	1 0	7 3		6 45		12 54			n.a.
M 8	23 55	18 45	4 57	21 45	0 44	15 58	2 2	4 38	2 22	23 19	0 16	14 46	2 31	22 16	0 41	24 3	0 24	17 48	1 0	6 59		6 44		12 52			n.a.
T 9	23 54	17 3	5 0	21 21	0 59	16 20	1 59	4 28	2 23	23 20	0 16	14 47	2 31	22 15	0 41	24 3	0 24	17 48	1 0	6 54		6 43		12 51			n.a.
W10	23 53	14 10	4 42	20 57	1 15	16 41	1 56	4 17	2 23	23 22	0 16	14 48	2 31	22 14	0 41	24 3	0 24	17 48	1 0	6 50		6 41		12 49			n.a.
T 11	23 51	10 25	4 6	20 34	1 32	17 2	1 53	4 7	2 24	23 24	0 16	14 49	2 32	22 14	0 41	24 3	0 24	17 48	1 0	6 47		6 40		12 48			n.a.
F 12	23 48	6 5	3 13	20 13	1 48	17 23	1 50	3 56	2 25	23 25	0 16	14 49	2 32	22 13	0 41	24 3	0 24	17 48	1 0	6 45		6 39		12 46			n.a.
S 13	23 46	1 30	2 10	19 53	2 4	17 44	1 47	3 46	2 25	23 27	0 16	14 50	2 32	22 12	0 41	24 3	0 24	17 48	1 0	6 44		6 38		12 45			n.a.
S 14	23 42	3s 3	1 1	19 35	2 20	18 4	1 44	3 36	2 26	23 28	0 16	14 51	2 32	22 12	0 41	24 3	0 24	17 47	1 0	6 44		6 37		12 43			n.a.
M15	23 39	7 20	0n10	19 19	2 36	18 23	1 40	3 26	2 26	23 30	0 17	14 52	2 33	22 11	0 41	24 3	0 24	17 47	1 0	6 44		6 35		12 42			n.a.
T 16	23 35	11 10	1 19	19 6	2 50	18 42	1 37	3 16	2 27	23 32	0 17	14 53	2 33	22 11	0 41	24 4	0 24	17 47	1 0	6 44		6 34		12 40			n.a.
W17	23 30	14 22	2 23	18 55	3 4	19 1	1 34	3 6	2 27	23 33	0 17	14 54	2 33	22 10	0 41	24 4	0 24	17 47	1 0	6 43		6 33		12 39			n.a.
T 18	23 25	16 50	3 18	18 47	3 17	19 19	1 31	2 56	2 28	23 35	0 17	14 55	2 33	22 9	0 41	24 4	0 24	17 47	0 59	6 41		6 32		12 37			n.a.
F 19	23 19	18 26	4 2	18 41	3 28	19 37	1 27	2 46	2 28	23 36	0 17	14 57	2 34	22 9	0 41	24 4	0 24	17 47	0 59	6 38		6 30		12 36			n.a.
S 20	23 13	19 9	4 35	18 38	3 38	19 54	1 24	2 36	2 29	23 37	0 17	14 58	2 34	22 8	0 41	24 4	0 24	17 47	0 59	6 33		6 29		12 34			n.a.
S 21	23 7	18 56	4 54	18 37	3 45	20 11	1 21	2 27	2 29	23 39	0 17	14 59	2 34	22 7	0 41	24 4	0 24	17 47	0 59	6 28		6 28		12 32			n.a.
M22	23 0	17 53	4 59	18 39	3 51	20 27	1 17	2 18	2 30	23 40	0 18	15 0	2 34	22 7	0 41	24 4	0 24	17 47	0 59	6 22		6 27		12 31			n.a.
T 23	22 53	16 2	4 52	18 43	3 55	20 43	1 14	2 8	2 30	23 42	0 18	15 1	2 35	22 6	0 41	24 4	0 24	17 46	0 59	6 17		6 25		12 29			n.a.
W24	22 45	13 31	4 31	18 49	3 57	20 58	1 10	1 59	2 30	23 43	0 18	15 2	2 35	22 6	0 41	24 5	0 24	17 46	0 59	6 11		6 24		12 28			n.a.
T 25	22 37	10 28	3 59	18 56	3 57	21 12	1 7	1 50	2 31	23 44	0 18	15 4	2 35	22 5	0 41	24 5	0 24	17 46	0 59	6 7		6 23		12 26			n.a.
F 26	22 29	7 1	3 16	19 6	3 54	21 26	1 4	1 41	2 31	23 45	0 18	15 5	2 35	22 4	0 41	24 5	0 24	17 46	0 59	6 4		6 22		12 25			n.a.
S 27	22 20	3 16	2 25	19 17	3 50	21 40	1 0	1 32	2 32	23 47	0 18	15 6	2 36	22 4	0 41	24 5	0 24	17 46	0 59	6 1		6 20		12 23			n.a.
S 28	22 10	0n38	1 27	19 28	3 44	21 53	0 57	1 24	2 32	23 48	0 18	15 8	2 36	22 3	0 41	24 5	0 24	17 46	0 59	6 0		6 19		12 22			n.a.
M29	22 1	4 33	0 24	19 41	3 36	22 5	0 53	1 15	2 33	23 49	0 19	15 9	2 36	22 2	0 41	24 5	0 24	17 46	0 59	6 0		6 18		12 20			n.a.
T 30	21 50	8 23	0s41	19 55	3 27	22 16	0 50	1 7	2 33	23 50	0 19	15 10	2 36	22 2	0 41	24 5	0 24	17 46	0 58	6 0		6 17		12 19			n.a.
W31	21s40	11n56	1s46	20s 9	3n17	22s27	0n46	0n58	2n33	23s51	0s19	15n12	2n36	22s 1	0s41	24n 5	0n24	17n46	0s58	6s 0		6s15		12s17			n.a.

Julian Day Number = 981791.5, Delta T = 13h12m57s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'24, Lahiri = -31°52'24 Julian Calendar 1 Jan. 2025 BCE == Greg. Calendar 15 Dec. 2026 BCE

The year -2024 astronomical counting style corresponds to year 2025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

FEBRUARY 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 33 30	25♑26'04	18♉33	10°R53	17♐44	3♎43	20♐17	26°R57	26♑12	7°R46	22°R15	14°R54	15♎32	15♒30	n.a.	T 1
F 2	7 37 27	26°25'33	2♊ 8	10♑22	18°55	4° 3	20°30	26♌54	26°15	7♋44	22♉14	14♎50	15°29	15°37	n.a.	F 2
S 3	7 41 23	27°24'59	16°15	9°57	20° 7	4°24	20°43	26°50	26°18	7°43	22°14	14°43	15°26	15°43	n.a.	S 3
S 4	7 45 20	28°24'23	0♋50	9°39	21°18	4°44	20°56	26°47	26°22	7°41	22°13	14°34	15°22	15°50	n.a.	S 4
M 5	7 49 16	29°23'44	15°49	9°26	22°30	5° 3	21° 8	26°43	26°25	7°40	22°13	14°24	15°19	15°57	n.a.	M 5
T 6	7 53 13	0♒23'04	1♌ 2	9°20	23°42	5°22	21°21	26°39	26°29	7°38	22°13	14°13	15°16	16° 3	n.a.	T 6
W 7	7 57 9	1°22'21	16°20	9°D20	24°53	5°41	21°34	26°35	26°32	7°37	22°12	14° 3	15°13	16°10	n.a.	W 7
T 8	8 1 6	2°21'35	1♍30	9°25	26° 5	5°59	21°46	26°31	26°35	7°35	22°12	13°55	15°10	16°17	n.a.	T 8
F 9	8 5 3	3°20'48	16°24	9°36	27°17	6°17	21°58	26°28	26°39	7°34	22°12	13°50	15° 7	16°24	n.a.	F 9
S 10	8 8 59	4°19'59	0♎55	9°52	28°28	6°35	22°11	26°24	26°42	7°32	22°11	13°48	15° 3	16°30	n.a.	S 10
S 11	8 12 56	5°19'07	14°59	10°13	29°40	6°52	22°23	26°19	26°46	7°31	22°11	13°D47	15° 0	16°37	n.a.	S 11
M12	8 16 52	6°18'14	28°37	10°39	0♑52	7° 8	22°35	26°15	26°49	7°29	22°11	13°48	14°57	16°44	n.a.	M12
T 13	8 20 49	7°17'19	11♏51	11° 9	2° 4	7°24	22°47	26°11	26°52	7°28	22°11	13°R48	14°54	16°50	n.a.	T 13
W14	8 24 45	8°16'22	24°44	11°44	3°16	7°40	22°59	26° 7	26°56	7°27	22°11	13°46	14°51	16°57	n.a.	W14
T 15	8 28 42	9°15'23	7♐19	12°22	4°28	7°55	23°11	26° 3	26°59	7°25	22°10	13°43	14°47	17° 4	n.a.	T 15
F 16	8 32 38	10°14'22	19°41	13° 5	5°40	8° 9	23°23	25°59	27° 3	7°24	22°10	13°37	14°44	17°10	n.a.	F 16
S 17	8 36 35	11°13'19	1♑53	13°51	6°52	8°23	23°35	25°54	27° 6	7°22	22°10	13°28	14°41	17°17	n.a.	S 17
S 18	8 40 31	12°12'14	13°56	14°41	8° 4	8°37	23°47	25°50	27° 9	7°21	22°10	13°18	14°38	17°24	n.a.	S 18
M19	8 44 28	13°11'07	25°54	15°33	9°16	8°50	23°58	25°46	27°13	7°20	22°10	13° 6	14°35	17°31	n.a.	M19
T 20	8 48 25	14° 9'58	7♒47	16°29	10°28	9° 2	24°10	25°41	27°16	7°19	22°10	12°55	14°32	17°37	n.a.	T 20
W21	8 52 21	15° 8'46	19°38	17°28	11°40	9°14	24°22	25°37	27°19	7°17	22°D10	12°44	14°28	17°44	n.a.	W21
T 22	8 56 18	16° 7'33	1♓28	18°29	12°52	9°26	24°33	25°32	27°22	7°16	22°10	12°35	14°25	17°51	n.a.	T 22
F 23	9 0 14	17° 6'17	13°19	19°33	14° 4	9°36	24°44	25°28	27°26	7°15	22°10	12°28	14°22	17°57	n.a.	F 23
S 24	9 4 11	18° 4'59	25°13	20°40	15°16	9°47	24°55	25°24	27°29	7°14	22°10	12°24	14°19	18° 4	n.a.	S 24
S 25	9 8 7	19° 3'38	7♈12	21°49	16°28	9°56	25° 6	25°19	27°32	7°13	22°10	12°D23	14°16	18°11	n.a.	S 25
M26	9 12 4	20° 2'16	19°22	23° 0	17°40	10° 5	25°17	25°15	27°35	7°11	22°10	12°23	14°13	18°17	n.a.	M26
T 27	9 16 0	21° 0'51	1♉44	24°14	18°52	10°13	25°28	25°10	27°39	7°10	22°10	12°24	14° 9	18°24	n.a.	T 27
W28	9 19 57	21°59'23	14°25	25°30	20° 4	10°21	25°39	25° 5	27°42	7° 9	22°11	12°25	14° 6	18°31	n.a.	W28
T 29	9 23 53	22♒57'54	27♉28	26♑47	21♑16	10♎28	25♐50	25♌ 1	27♑45	7♋ 8	22♉11	12°R25	14♎ 3	18♒38	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s29	15n 0	2 s48	20 s23	3n 5	22 s38	0n43	0n50	2n34	23 s53	0 s19	15n13	2n37	22 s 0	0 s41	24n 5	0n24	17n46	0 s58	5 s59	6 s14	12 s15		n.a.
F 2	21 18	17 23	3 42	20 38	2 53	22 48	0 40	0 42	2 34	23 54	0 19	15 15	2 37	22 0	0 41	24 5	0 24	17 46	0 58	5 58	6 13	12 14		n.a.
S 3	21 6	18 48	4 25	20 53	2 40	22 57	0 36	0 34	2 34	23 55	0 19	15 16	2 37	21 59	0 41	24 6	0 24	17 46	0 58	5 55	6 12	12 12		n.a.
S 4	20 54	19 2	4 53	21 7	2 27	23 5	0 33	0 27	2 35	23 56	0 19	15 17	2 37	21 58	0 41	24 6	0 24	17 46	0 58	5 51	6 10	12 11		n.a.
M 5	20 41	17 59	5 1	21 22	2 13	23 13	0 29	0 19	2 35	23 57	0 20	15 19	2 37	21 58	0 41	24 6	0 24	17 46	0 58	5 47	6 9	12 9		n.a.
T 6	20 29	15 38	4 49	21 36	2 0	23 20	0 26	0 12	2 35	23 58	0 20	15 20	2 37	21 57	0 41	24 6	0 24	17 46	0 58	5 43	6 8	12 8		n.a.
W 7	20 15	12 12	4 15	21 50	1 46	23 27	0 23	0 4	2 36	23 59	0 20	15 22	2 38	21 56	0 41	24 6	0 24	17 46	0 58	5 39	6 7	12 6		n.a.
T 8	20 2	7 59	3 24	22 3	1 32	23 33	0 19	0 s 3	2 36	24 0	0 20	15 23	2 38	21 56	0 41	24 6	0 24	17 46	0 58	5 36	6 5	12 4		n.a.
F 9	19 48	3 20	2 20	22 16	1 18	23 38	0 16	0 10	2 36	24 1	0 20	15 25	2 38	21 55	0 41	24 6	0 24	17 46	0 58	5 34	6 4	12 3		n.a.
S 10	19 34	1 s24	1 8	22 29	1 4	23 42	0 13	0 16	2 37	24 2	0 20	15 26	2 38	21 54	0 41	24 6	0 24	17 46	0 58	5 33	6 3	12 1		n.a.
S 11	19 19	5 55	0n 6	22 40	0 51	23 46	0 9	0 23	2 37	24 2	0 20	15 28	2 38	21 54	0 41	24 6	0 24	17 46	0 57	5 33	6 2	12 0		n.a.
M12	19 4	9 59	1 18	22 51	0 38	23 49	0 6	0 30	2 37	24 3	0 21	15 30	2 38	21 53	0 41	24 6	0 24	17 46	0 57	5 33	6 0	11 58		n.a.
T 13	18 49	13 26	2 24	23 1	0 25	23 52	0 3	0 36	2 37	24 4	0 21	15 31	2 39	21 52	0 41	24 7	0 24	17 46	0 57	5 33	5 59	11 57		n.a.
W14	18 34	16 6	3 20	23 11	0 13	23 53	0 s 0	0 42	2 37	24 5	0 21	15 33	2 39	21 52	0 41	24 7	0 24	17 46	0 57	5 32	5 58	11 55		n.a.
T 15	18 18	17 57	4 5	23 19	0 1	23 54	0 4	0 48	2 37	24 6	0 21	15 34	2 39	21 51	0 41	24 7	0 24	17 46	0 57	5 31	5 57	11 53		n.a.
F 16	18 2	18 54	4 38	23 26	0 s10	23 55	0 7	0 54	2 38	24 7	0 21	15 36	2 39	21 50	0 41	24 7	0 24	17 46	0 57	5 29	5 55	11 52		n.a.
S 17	17 46	18 57	4 57	23 33	0 21	23 54	0 10	0 59	2 38	24 7	0 21	15 38	2 39	21 50	0 41	24 7	0 24	17 46	0 57	5 25	5 54	11 50		n.a.
S 18	17 29	18 9	5 3	23 38	0 32	23 53	0 13	1 4	2 38	24 8	0 22	15 39	2 39	21 49	0 41	24 7	0 24	17 46	0 57	5 21	5 53	11 49		n.a.
M19	17 12	16 33	4 56	23 42	0 42	23 51	0 16	1 10	2 38	24 9	0 22	15 41	2 39	21 48	0 41	24 7	0 24	17 46	0 57	5 16	5 52	11 47		n.a.
T 20	16 55	14 15	4 36	23 45	0 52	23 49	0 19	1 15	2 38	24 9	0 22	15 42	2 39	21 48	0 41	24 7	0 24	17 46	0 57	5 12	5 50	11 46		n.a.
W21	16 37	11 22	4 4	23 46	1 1	23 46	0 22	1 19	2 38	24 10	0 22	15 44	2 40	21 47	0 41	24 7	0 24	17 46	0 57	5 8	5 49	11 44		n.a.
T 22	16 19	8 3	3 21	23 46	1 10	23 42	0 25	1 24	2 38	24 11	0 22	15 46	2 40	21 47	0 41	24 7	0 24	17 46	0 57	5 4	5 48	11 42		n.a.
F 23	16 1	4 24	2 29	23 45	1 18	23 37	0 28	1 28	2 38	24 11	0 22	15 47	2 40	21 46	0 41	24 7	0 24	17 46	0 56	5 2	5 47	11 41		n.a.
S 24	15 43	0 33	1 31	23 43	1 26	23 32	0 30	1 32	2 38	24 12	0 23	15 49	2 40	21 45	0 41	24 7	0 24	17 46	0 56	5 0	5 45	11 39		n.a.
S 25	15 25	3n20	0 28	23 39	1 33	23 26	0 33	1 36	2 38	24 13	0 23	15 51	2 40	21 45	0 41	24 7	0 24	17 47	0 56	4 59	5 44	11 38		n.a.
M26	15 6	7 9	0 s38	23 34	1 40	23 19	0 36	1 40	2 37	24 13	0 23	15 52	2 40	21 44	0 41	24 8	0 24	17 47	0 56	4 59	5 43	11 36		n.a.
T 27	14 47	10 43	1 42	23 27	1 47	23 12	0 38	1 44	2 37	24 14	0 23	15 54	2 40	21 43	0 41	24 8	0 24	17 47	0 56	5 0	5 42	11 34		n.a.
W28	14 28	13 53	2 44	23 19	1 52	23 4	0 41	1 47	2 37	24 14	0 23	15 55	2 40	21 43	0 41	24 8	0 24	17 47	0 56	5 0	5 40	11 33		n.a.
T 29	14 s 8	16n27	3 s39	23 s 9	1 s58	22 s55	0 s44	1 s50	2n37	24 s15	0 s23	15n57	2n40	21 s42	0 s41	24n 8	0n24	17n47	0 s56	5 s 0	5 s39	11 s31		n.a.

Julian Day Number = 981822.5, Delta T = 13h12m55s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'20, Lahiri = -31°52'20 Julian Calendar 1 Feb. 2025 BCE == Greg. Calendar 15 Jan. 2025 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

MARCH 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 27 50	23♒56'21	10♊57	28♉ 7	22♉29	10♎34	26♐ 1	24°R56	27♉48	7°R 7	22♉11	12°R24	14♎ 0	18♒44	n.a.	F 1
S 2	9 31 46	24°54'47	24°54	29°29	23°41	10°40	26°11	24♌52	27°51	7♋ 6	22°11	12♎20	13°57	18°51	n.a.	S 2
S 3	9 35 43	25°53'10	9♋19	0♒53	24°53	10°45	26°21	24°47	27°54	7° 5	22°11	12°15	13°53	18°58	n.a.	S 3
M 4	9 39 40	26°51'31	24° 8	2°18	26° 5	10°50	26°32	24°43	27°58	7° 4	22°12	12° 9	13°50	19° 4	n.a.	M 4
T 5	9 43 36	27°49'50	9♌16	3°46	27°17	10°53	26°42	24°38	28° 1	7° 3	22°12	12° 2	13°47	19°11	n.a.	T 5
W 6	9 47 33	28°48'07	24°33	5°15	28°30	10°56	26°52	24°34	28° 4	7° 2	22°12	11°56	13°44	19°18	n.a.	W 6
T 7	9 51 29	29°46'21	9♍47	6°46	29°42	10°58	27° 2	24°29	28° 7	7° 1	22°13	11°51	13°41	19°24	n.a.	T 7
F 8	9 55 26	0♓44'34	24°50	8°19	0♒54	11° 0	27°12	24°25	28°10	7° 1	22°13	11°48	13°38	19°31	n.a.	F 8
S 9	9 59 22	1°42'45	9♎31	9°54	2° 6	11° 1	27°22	24°20	28°13	7° 0	22°13	11°D47	13°34	19°38	n.a.	S 9
S 10	10 3 19	2°40'54	23°47	11°30	3°19	11°R 1	27°31	24°16	28°16	6°59	22°14	11°48	13°31	19°45	n.a.	S 10
M11	10 7 15	3°39'01	7♏36	13° 9	4°31	11° 0	27°41	24°11	28°19	6°58	22°14	11°49	13°28	19°51	n.a.	M11
T 12	10 11 12	4°37'07	20°58	14°49	5°43	10°59	27°50	24° 7	28°22	6°57	22°15	11°50	13°25	19°58	n.a.	T 12
W13	10 15 8	5°35'11	3♐55	16°31	6°56	10°57	27°59	24° 3	28°24	6°57	22°15	11°R51	13°22	20° 5	n.a.	W13
T 14	10 19 5	6°33'14	16°31	18°14	8° 8	10°54	28° 9	23°58	28°27	6°56	22°16	11°51	13°19	20°11	n.a.	T 14
F 15	10 23 2	7°31'15	28°51	19°59	9°20	10°50	28°18	23°54	28°30	6°55	22°16	11°49	13°15	20°18	n.a.	F 15
S 16	10 26 58	8°29'15	10♑58	21°47	10°33	10°46	28°27	23°49	28°33	6°55	22°17	11°45	13°12	20°25	n.a.	S 16
S 17	10 30 55	9°27'13	22°56	23°35	11°45	10°41	28°35	23°45	28°36	6°54	22°17	11°40	13° 9	20°31	n.a.	S 17
M18	10 34 51	10°25'09	4♒49	25°26	12°58	10°35	28°44	23°41	28°38	6°54	22°18	11°35	13° 6	20°38	n.a.	M18
T 19	10 38 48	11°23'04	16°39	27°19	14°10	10°28	28°53	23°37	28°41	6°53	22°19	11°30	13° 3	20°45	n.a.	T 19
W20	10 42 44	12°20'57	28°29	29°13	15°23	10°20	29° 1	23°33	28°44	6°53	22°19	11°25	12°59	20°52	n.a.	W20
T 21	10 46 41	13°18'49	10♓21	1♈ 9	16°35	10°12	29° 9	23°28	28°47	6°52	22°20	11°20	12°56	20°58	n.a.	T 21
F 22	10 50 37	14°16'39	22°17	3° 7	17°48	10° 3	29°17	23°24	28°49	6°52	22°21	11°18	12°53	21° 5	n.a.	F 22
S 23	10 54 34	15°14'27	4♈19	5° 6	19° 0	9°53	29°25	23°20	28°52	6°51	22°21	11°16	12°50	21°12	n.a.	S 23
S 24	10 58 30	16°12'13	16°28	7° 7	20°13	9°43	29°33	23°16	28°54	6°51	22°22	11°D16	12°47	21°18	n.a.	S 24
M25	11 2 27	17° 9'58	28°48	9°10	21°25	9°32	29°41	23°12	28°57	6°50	22°23	11°17	12°44	21°25	n.a.	M25
T 26	11 6 24	18° 7'41	11♉20	11°14	22°38	9°20	29°49	23° 8	28°59	6°50	22°24	11°19	12°40	21°32	n.a.	T 26
W27	11 10 20	19° 5'22	24° 7	13°20	23°50	9° 7	29°56	23° 4	29° 2	6°50	22°24	11°20	12°37	21°38	n.a.	W27
T 28	11 14 17	20° 3'01	7♊13	15°27	25° 3	8°54	0♑ 3	23° 1	29° 4	6°50	22°25	11°21	12°34	21°45	n.a.	T 28
F 29	11 18 13	21° 0'39	20°40	17°35	26°15	8°40	0°11	22°57	29° 7	6°49	22°26	11°R22	12°31	21°52	n.a.	F 29
S 30	11 22 10	21°58'15	4♋30	19°44	27°28	8°26	0°18	22°53	29° 9	6°49	22°27	11°21	12°28	21°58	n.a.	S 30
S 31	11 26 6	22♓55'49	18♋42	21♓54	28♒40	8♎11	0♑24	22♌50	29♑11	6♋49	22♉28	11♎20	12♎24	22♒ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s49	18n11	4s24	22s57	2s 2	22s46	0s46	1s53	2n36	24s15	0s24	15n59	2n40	21s41	0s41	24n 8	0n24	17n47	0s56	5s 0	5s38	11s30		n.a.
S 2	13 29	18 55	4 54	22 44	2 7	22 36	0 49	1 55	2 36	24 16	0 24	16 0	2 40	21 41	0 41	24 8	0 24	17 47	0 56	4 58	5 36	11 28		n.a.
S 3	13 9	18 28	5 8	22 29	2 11	22 25	0 51	1 58	2 36	24 16	0 24	16 2	2 40	21 40	0 41	24 8	0 24	17 47	0 56	4 56	5 35	11 26		n.a.
M 4	12 49	16 46	5 2	22 13	2 14	22 14	0 53	2 0	2 35	24 17	0 24	16 3	2 40	21 40	0 41	24 8	0 24	17 48	0 56	4 54	5 34	11 25		n.a.
T 5	12 28	13 53	4 35	21 55	2 17	22 2	0 56	2 2	2 35	24 17	0 24	16 5	2 40	21 39	0 41	24 8	0 24	17 48	0 55	4 51	5 33	11 23		n.a.
W 6	12 8	10 2	3 48	21 35	2 19	21 49	0 58	2 4	2 34	24 18	0 25	16 7	2 40	21 38	0 41	24 8	0 24	17 48	0 55	4 49	5 31	11 22		n.a.
T 7	11 47	5 31	2 45	21 13	2 20	21 36	1 0	2 5	2 33	24 18	0 25	16 8	2 40	21 38	0 41	24 8	0 24	17 48	0 55	4 47	5 30	11 20		n.a.
F 8	11 26	0 43	1 31	20 50	2 22	21 22	1 2	2 6	2 33	24 19	0 25	16 10	2 40	21 37	0 41	24 8	0 24	17 48	0 55	4 46	5 29	11 18		n.a.
S 9	11 5	4s 2	0 12	20 24	2 22	21 8	1 4	2 7	2 32	24 19	0 25	16 11	2 40	21 37	0 41	24 8	0 24	17 48	0 55	4 45	5 28	11 17		n.a.
S 10	10 44	8 25	1n 5	19 57	2 22	20 53	1 6	2 8	2 31	24 19	0 25	16 13	2 40	21 36	0 41	24 8	0 24	17 49	0 55	4 45	5 26	11 15		n.a.
M11	10 22	12 11	2 16	19 28	2 22	20 37	1 8	2 8	2 31	24 20	0 25	16 14	2 40	21 35	0 41	24 8	0 24	17 49	0 55	4 46	5 25	11 14		n.a.
T 12	10 1	15 12	3 17	18 57	2 21	20 21	1 10	2 9	2 30	24 20	0 26	16 16	2 40	21 35	0 41	24 8	0 24	17 49	0 55	4 46	5 24	11 12		n.a.
W13	9 39	17 20	4 6	18 25	2 19	20 4	1 12	2 9	2 29	24 20	0 26	16 17	2 40	21 34	0 41	24 8	0 24	17 49	0 55	4 47	5 23	11 10		n.a.
T 14	9 17	18 33	4 42	17 50	2 17	19 47	1 13	2 8	2 28	24 21	0 26	16 19	2 40	21 34	0 41	24 8	0 24	17 50	0 55	4 46	5 21	11 9		n.a.
F 15	8 55	18 51	5 4	17 14	2 14	19 29	1 15	2 8	2 27	24 21	0 26	16 20	2 40	21 33	0 41	24 8	0 24	17 50	0 55	4 46	5 20	11 7		n.a.
S 16	8 33	18 17	5 12	16 36	2 11	19 10	1 17	2 7	2 26	24 21	0 26	16 22	2 40	21 33	0 41	24 9	0 24	17 50	0 55	4 44	5 19	11 6		n.a.
S 17	8 11	16 54	5 6	15 56	2 7	18 51	1 18	2 6	2 24	24 22	0 27	16 23	2 40	21 32	0 41	24 9	0 24	17 50	0 54	4 42	5 18	11 4		n.a.
M18	7 49	14 49	4 47	15 14	2 3	18 32	1 19	2 5	2 23	24 22	0 27	16 25	2 40	21 31	0 41	24 9	0 24	17 50	0 54	4 40	5 16	11 2		n.a.
T 19	7 26	12 6	4 16	14 30	1 58	18 12	1 21	2 4	2 22	24 22	0 27	16 26	2 40	21 31	0 41	24 9	0 24	17 51	0 54	4 38	5 15	11 1		n.a.
W20	7 4	8 55	3 33	13 44	1 53	17 51	1 22	2 2	2 20	24 23	0 27	16 27	2 40	21 30	0 41	24 9	0 24	17 51	0 54	4 36	5 14	10 59		n.a.
T 21	6 41	5 21	2 42	12 56	1 47	17 30	1 23	2 0	2 19	24 23	0 27	16 29	2 40	21 30	0 41	24 9	0 24	17 51	0 54	4 34	5 13	10 57		n.a.
F 22	6 19	1 33	1 42	12 7	1 40	17 9	1 25	1 58	2 17	24 23	0 28	16 30	2 40	21 29	0 42	24 9	0 24	17 51	0 54	4 33	5 11	10 56		n.a.
S 23	5 56	2n20	0 38	11 16	1 33	16 47	1 26	1 55	2 16	24 23	0 28	16 31	2 40	21 29	0 42	24 9	0 24	17 52	0 54	4 33	5 10	10 54		n.a.
S 24	5 33	6 10	0s29	10 23	1 26	16 25	1 27	1 53	2 14	24 24	0 28	16 33	2 40	21 28	0 42	24 9	0 24	17 52	0 54	4 33	5 9	10 53		n.a.
M25	5 10	9 47	1 35	9 29	1 18	16 2	1 28	1 50	2 12	24 24	0 28	16 34	2 40	21 28	0 42	24 9	0 24	17 52	0 54	4 33	5 8	10 51		n.a.
T 26	4 47	13 2	2 38	8 33	1 9	15 39	1 29	1 47	2 10	24 24	0 29	16 35	2 40	21 27	0 42	24 9	0 24	17 53	0 54	4 34	5 6	10 49		n.a.
W27	4 24	15 43	3 35	7 36	1 0	15 15	1 29	1 44	2 8	24 24	0 29	16 36	2 40	21 27	0 42	24 9	0 24	17 53	0 54	4 34	5 5	10 48		n.a.
T 28	4 1	17 39	4 22	6 38	0 51	14 51	1 30	1 40	2 6	24 24	0 29	16 38	2 39	21 26	0 42	24 9	0 24	17 53	0 54	4 35	5 4	10 46		n.a.
F 29	3 38	18 41	4 55	5 38	0 41	14 26	1 31	1 37	2 4	24 25	0 29	16 39	2 39	21 26	0 42	24 9	0 24	17 53	0 53	4 35	5 2	10 44		n.a.
S 30	3 15	18 37	5 14	4 37	0 31	14 1	1 31	1 33	2 2	24 25	0 29	16 40	2 39	21 25	0 42	24 9	0 24	17 54	0 53	4 35	5 1	10 43		n.a.
S 31	2s52	17n25	5s13	3s36	0s21	13s36	1s32	1s29	2n 0	24s25	0s30	16n41	2n39	21s25	0s42	24n 9	0n24	17n54	0s53	4s34	5s 0	10s41		n.a.

Julian Day Number = 981851.5, Delta T = 13h12m53s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'16, Lahiri = -31°52'16 Julian Calendar 1 March 2025 BCE == Greg. Calendar 13 Feb. 2025 BCE

The year -2024 astronomical counting style corresponds to year 2025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

APRIL 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 30 3	23♓53'22	3♌15	24♓ 4	29♒53	7°R55	0♑31	22°R46	29♑14	6°R49	22♉29	11°R18	12♎21	22♒12	n.a.	M 1
T 2	11 33 59	24°50'52	18° 5	26°15	1♓ 6	7♎39	0°38	22♌43	29°16	6♋49	22°30	11♎16	12°18	22°19	n.a.	T 2
W 3	11 37 56	25°48'22	3♍ 4	28°26	2°18	7°23	0°44	22°39	29°18	6°49	22°31	11°14	12°15	22°25	n.a.	W 3
T 4	11 41 53	26°45'49	18° 6	0♈37	3°31	7° 6	0°50	22°36	29°20	6°D49	22°31	11°13	12°12	22°32	n.a.	T 4
F 5	11 45 49	27°43'16	3♎ 1	2°47	4°44	6°48	0°56	22°32	29°23	6°49	22°32	11°12	12° 9	22°39	n.a.	F 5
S 6	11 49 46	28°40'41	17°40	4°56	5°56	6°30	1° 2	22°29	29°25	6°49	22°33	11°D12	12° 5	22°45	n.a.	S 6
S 7	11 53 42	29°38'05	1♏59	7° 5	7° 9	6°12	1° 8	22°26	29°27	6°49	22°34	11°13	12° 2	22°52	n.a.	S 7
M 8	11 57 39	0♈35'28	15°54	9°12	8°22	5°53	1°14	22°23	29°29	6°49	22°35	11°13	11°59	22°59	n.a.	M 8
T 9	12 1 35	1°32'50	29°22	11°17	9°34	5°34	1°19	22°20	29°31	6°49	22°37	11°14	11°56	23° 5	n.a.	T 9
W10	12 5 32	2°30'11	12♐25	13°21	10°47	5°15	1°25	22°17	29°33	6°49	22°38	11°15	11°53	23°12	n.a.	W10
T 11	12 9 28	3°27'31	25° 6	15°23	12° 0	4°55	1°30	22°14	29°35	6°50	22°39	11°16	11°50	23°19	n.a.	T 11
F 12	12 13 25	4°24'50	7♑29	17°23	13°13	4°36	1°35	22°11	29°37	6°50	22°40	11°R16	11°46	23°25	n.a.	F 12
S 13	12 17 22	5°22'09	19°36	19°20	14°25	4°16	1°39	22° 9	29°38	6°50	22°41	11°15	11°43	23°32	n.a.	S 13
S 14	12 21 18	6°19'27	1♒34	21°16	15°38	3°56	1°44	22° 6	29°40	6°50	22°42	11°15	11°40	23°39	n.a.	S 14
M15	12 25 15	7°16'44	13°25	23° 8	16°51	3°36	1°49	22° 4	29°42	6°51	22°43	11°14	11°37	23°45	n.a.	M15
T 16	12 29 11	8°14'00	25°15	24°59	18° 4	3°16	1°53	22° 1	29°44	6°51	22°44	11°14	11°34	23°52	n.a.	T 16
W17	12 33 8	9°11'16	7♓ 7	26°46	19°17	2°57	1°57	21°59	29°45	6°51	22°46	11°14	11°30	23°59	n.a.	W17
T 18	12 37 4	10° 8'30	19° 3	28°31	20°29	2°37	2° 1	21°56	29°47	6°52	22°47	11°14	11°27	24° 6	n.a.	T 18
F 19	12 41 1	11° 5'44	1♈ 6	0♉13	21°42	2°17	2° 5	21°54	29°49	6°52	22°48	11°D14	11°24	24°12	n.a.	F 19
S 20	12 44 57	12° 2'57	13°19	1°53	22°55	1°58	2° 8	21°52	29°50	6°53	22°49	11°R14	11°21	24°19	n.a.	S 20
S 21	12 48 54	13° 0'10	25°43	3°29	24° 8	1°39	2°12	21°50	29°52	6°53	22°50	11°13	11°18	24°26	n.a.	S 21
M22	12 52 51	13°57'21	8♉20	5° 3	25°21	1°20	2°15	21°48	29°53	6°54	22°52	11°13	11°15	24°32	n.a.	M22
T 23	12 56 47	14°54'32	21° 9	6°34	26°34	1° 1	2°18	21°46	29°55	6°54	22°53	11°13	11°11	24°39	n.a.	T 23
W24	13 0 44	15°51'42	4♊13	8° 3	27°47	0°43	2°21	21°44	29°56	6°55	22°54	11°12	11° 8	24°46	n.a.	W24
T 25	13 4 40	16°48'51	17°32	9°28	29° 0	0°26	2°23	21°43	29°57	6°56	22°56	11°12	11° 5	24°52	n.a.	T 25
F 26	13 8 37	17°45'59	1♋ 6	10°51	0♈13	0° 8	2°26	21°41	29°59	6°56	22°57	11°11	11° 2	24°59	n.a.	F 26
S 27	13 12 33	18°43'06	14°56	12°10	1°26	29♍52	2°28	21°40	29°59	6°57	22°58	11°D11	10°59	25° 6	n.a.	S 27
S 28	13 16 30	19°40'12	29° 0	13°27	2°39	29°36	2°30	21°38	0♒ 1	6°58	23° 0	11°11	10°55	25°12	n.a.	S 28
M29	13 20 26	20°37'18	13♌18	14°40	3°52	29°20	2°32	21°37	0° 2	6°59	23° 1	11°12	10°52	25°19	n.a.	M29
T 30	13 24 23	21♈34'22	27♌47	15♉51	5♈ 5	29♍ 5	2♑34	21♌36	0♒ 3	6♋59	23♉ 2	11♎12	10♎49	25♒26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s28	15n 5	4s53	2s34	0s11	13s11	1s32	1s25	1n57	24s25	0s30	16n42	2n39	21s24	0s42	24n 9	0n24	17n54	0s53	4s34	4s59	10s39		n.a.
T 2	2 5	11 43	4 13	1 31	0n 0	12 45	1 33	1 21	1 55	24 25	0 30	16 43	2 39	21 24	0 42	24 9	0 24	17 55	0 53	4 33	4 57	10 38		n.a.
W 3	1 42	7 33	3 16	0 28	0 11	12 18	1 33	1 16	1 52	24 26	0 30	16 44	2 39	21 24	0 42	24 9	0 24	17 55	0 53	4 32	4 56	10 36		n.a.
T 4	1 19	2 54	2 4	0n34	0 21	11 52	1 33	1 12	1 50	24 26	0 31	16 45	2 39	21 23	0 42	24 9	0 24	17 55	0 53	4 31	4 55	10 34		n.a.
F 5	0 55	1s55	0 45	1 37	0 32	11 25	1 34	1 7	1 47	24 26	0 31	16 46	2 39	21 23	0 42	24 9	0 24	17 56	0 53	4 31	4 54	10 33		n.a.
S 6	0 32	6 31	0n36	2 38	0 42	10 58	1 34	1 2	1 44	24 26	0 31	16 47	2 38	21 22	0 42	24 9	0 24	17 56	0 53	4 31	4 52	10 31		n.a.
S 7	0 9	10 39	1 53	3 39	0 52	10 30	1 34	0 58	1 42	24 26	0 31	16 48	2 38	21 22	0 42	24 9	0 24	17 56	0 53	4 31	4 51	10 30		n.a.
M 8	0n14	14 3	3 1	4 40	1 2	10 3	1 34	0 53	1 39	24 27	0 31	16 49	2 38	21 21	0 42	24 9	0 24	17 57	0 53	4 32	4 50	10 28		n.a.
T 9	0 38	16 35	3 56	5 39	1 11	9 35	1 34	0 48	1 36	24 27	0 32	16 50	2 38	21 21	0 42	24 9	0 24	17 57	0 53	4 32	4 49	10 26		n.a.
W10	1 1	18 9	4 38	6 36	1 20	9 6	1 33	0 43	1 33	24 27	0 32	16 51	2 38	21 21	0 42	24 9	0 24	17 57	0 53	4 32	4 47	10 25		n.a.
T 11	1 24	18 45	5 5	7 32	1 29	8 38	1 33	0 38	1 30	24 27	0 32	16 52	2 38	21 20	0 42	24 9	0 24	17 58	0 52	4 32	4 46	10 23		n.a.
F 12	1 47	18 26	5 17	8 27	1 37	8 9	1 33	0 33	1 27	24 27	0 32	16 52	2 38	21 20	0 42	24 9	0 24	17 58	0 52	4 33	4 45	10 21		n.a.
S 13	2 10	17 17	5 14	9 19	1 44	7 40	1 32	0 28	1 23	24 27	0 33	16 53	2 37	21 20	0 42	24 9	0 24	17 58	0 52	4 32	4 43	10 20		n.a.
S 14	2 34	15 23	4 58	10 10	1 51	7 11	1 32	0 23	1 20	24 28	0 33	16 54	2 37	21 19	0 42	24 9	0 24	17 59	0 52	4 32	4 42	10 18		n.a.
M15	2 57	12 50	4 29	10 59	1 57	6 42	1 32	0 18	1 17	24 28	0 33	16 55	2 37	21 19	0 42	24 9	0 24	17 59	0 52	4 32	4 41	10 16		n.a.
T 16	3 20	9 47	3 49	11 45	2 3	6 12	1 31	0 13	1 13	24 28	0 33	16 55	2 37	21 18	0 42	24 9	0 24	18 0	0 52	4 32	4 40	10 15		n.a.
W17	3 43	6 19	2 58	12 30	2 8	5 42	1 30	0 8	1 10	24 28	0 34	16 56	2 37	21 18	0 42	24 9	0 24	18 0	0 52	4 32	4 38	10 13		n.a.
T 18	4 6	2 35	2 0	13 12	2 12	5 13	1 30	0 3	1 7	24 28	0 34	16 56	2 37	21 18	0 42	24 9	0 24	18 0	0 52	4 32	4 37	10 11		n.a.
F 19	4 29	1n18	0 56	13 53	2 15	4 43	1 29	0n 2	1 3	24 29	0 34	16 57	2 36	21 18	0 42	24 9	0 24	18 1	0 52	4 32	4 36	10 10		n.a.
S 20	4 51	5 11	0s12	14 31	2 18	4 12	1 28	0 7	1 0	24 29	0 34	16 58	2 36	21 17	0 42	24 9	0 24	18 1	0 52	4 32	4 35	10 8		n.a.
S 21	5 14	8 54	1 20	15 7	2 20	3 42	1 27	0 11	0 56	24 29	0 35	16 58	2 36	21 17	0 43	24 9	0 24	18 1	0 52	4 32	4 33	10 6		n.a.
M22	5 37	12 17	2 25	15 41	2 21	3 12	1 26	0 16	0 52	24 29	0 35	16 59	2 36	21 17	0 43	24 9	0 24	18 2	0 52	4 32	4 32	10 5		n.a.
T 23	5 59	15 8	3 24	16 12	2 22	2 41	1 25	0 20	0 49	24 29	0 35	16 59	2 36	21 16	0 43	24 9	0 24	18 2	0 52	4 31	4 31	10 3		n.a.
W24	6 22	17 16	4 14	16 42	2 22	2 11	1 24	0 24	0 45	24 29	0 35	16 59	2 36	21 16	0 43	24 8	0 24	18 3	0 51	4 31	4 30	10 1		n.a.
T 25	6 44	18 30	4 51	17 9	2 21	1 40	1 23	0 28	0 42	24 30	0 36	17 0	2 35	21 16	0 43	24 8	0 24	18 3	0 51	4 31	4 28	10 0		n.a.
F 26	7 6	18 43	5 12	17 34	2 19	1 10	1 22	0 31	0 38	24 30	0 36	17 0	2 35	21 16	0 43	24 8	0 24	18 3	0 51	4 31	4 27	9 58		n.a.
S 27	7 29	17 50	5 17	17 58	2 17	0 39	1 21	0 35	0 34	24 30	0 36	17 0	2 35	21 15	0 43	24 8	0 24	18 4	0 51	4 31	4 26	9 56		n.a.
S 28	7 51	15 51	5 2	18 19	2 14	0 8	1 19	0 38	0 31	24 30	0 36	17 1	2 35	21 15	0 43	24 8	0 24	18 4	0 51	4 31	4 24	9 55		n.a.
M29	8 13	12 52	4 29	18 37	2 10	0n23	1 18	0 41	0 27	24 31	0 37	17 1	2 35	21 15	0 43	24 8	0 24	18 5	0 51	4 31	4 23	9 53		n.a.
T 30	8n34	9n 5	3s38	18n54	2n 5	0n53	1s17	0n44	0n24	24s31	0s37	17n 1	2n34	21s15	0s43	24n 8	0n24	18n 5	0s51	4s31	4s22	9s51		n.a.

Julian Day Number = 981882.5, Delta T = 13h12m51s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'12, Lahiri = -31°52'12 Julian Calendar 1 Apr. 2025 BCE == Greg. Calendar 15 March 2025 BCE

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

MAY 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 28 20	22♈31'26	12♍23	16♉58	6♈18	28°R50	2♏36	21°R35	0♒ 4	7♋ 0	23♉ 4	11♎13	10♎46	25♒32	n.a.	W 1
T 2	13 32 16	23°28'29	27° 1	18° 2	7°31	28♍37	2°37	21♌34	0° 5	7° 1	23° 5	11°14	10°43	25°39	n.a.	T 2
F 3	13 36 13	24°25'32	11♎35	19° 3	8°44	28°24	2°38	21°33	0° 6	7° 2	23° 6	11°R14	10°40	25°46	n.a.	F 3
S 4	13 40 9	25°22'34	25°59	20° 0	9°57	28°11	2°39	21°32	0° 7	7° 3	23° 8	11°14	10°36	25°53	n.a.	S 4
S 5	13 44 6	26°19'36	10♏ 8	20°54	11°10	28° 0	2°40	21°31	0° 8	7° 4	23° 9	11°13	10°33	25°59	n.a.	S 5
M 6	13 48 2	27°16'38	23°57	21°45	12°23	27°49	2°41	21°30	0° 9	7° 5	23°11	11°11	10°30	26° 6	n.a.	M 6
T 7	13 51 59	28°13'39	7♐25	22°31	13°37	27°39	2°41	21°30	0°10	7° 6	23°12	11° 9	10°27	26°13	n.a.	T 7
W 8	13 55 55	29°10'41	20°30	23°14	14°50	27°29	2°41	21°29	0°10	7° 7	23°14	11° 7	10°24	26°19	n.a.	W 8
T 9	13 59 52	0♑ 7'42	3♑14	23°53	16° 3	27°21	2°R41	21°29	0°11	7° 8	23°15	11° 4	10°21	26°26	n.a.	T 9
F 10	14 3 49	1° 4'44	15°38	24°29	17°16	27°13	2°41	21°29	0°12	7° 9	23°17	11° 3	10°17	26°33	n.a.	F 10
S 11	14 7 45	2° 1'46	27°48	25° 0	18°29	27° 6	2°41	21°29	0°12	7°10	23°18	11°D 2	10°14	26°39	n.a.	S 11
S 12	14 11 42	2°58'48	9♒46	25°26	19°43	26°59	2°40	21°D29	0°13	7°11	23°19	11° 2	10°11	26°46	n.a.	S 12
M13	14 15 38	3°55'50	21°38	25°49	20°56	26°54	2°39	21°29	0°13	7°13	23°21	11° 3	10° 8	26°53	n.a.	M13
T 14	14 19 35	4°52'52	3♓28	26° 7	22° 9	26°50	2°39	21°29	0°14	7°14	23°22	11° 4	10° 5	26°59	n.a.	T 14
W15	14 23 31	5°49'55	15°22	26°21	23°22	26°46	2°37	21°29	0°14	7°15	23°24	11° 6	10° 1	27° 6	n.a.	W15
T 16	14 27 28	6°46'58	27°23	26°30	24°36	26°43	2°36	21°29	0°14	7°16	23°25	11° 8	9°58	27°13	n.a.	T 16
F 17	14 31 25	7°44'01	9♈34	26°R34	25°49	26°41	2°35	21°30	0°15	7°18	23°27	11°R 8	9°55	27°19	n.a.	F 17
S 18	14 35 21	8°41'04	21°59	26°34	27° 3	26°40	2°33	21°30	0°15	7°19	23°29	11° 8	9°52	27°26	n.a.	S 18
S 19	14 39 18	9°38'08	4♉40	26°29	28°16	26°D39	2°31	21°31	0°15	7°20	23°30	11° 6	9°49	27°33	n.a.	S 19
M20	14 43 14	10°35'11	17°36	26°20	29°29	26°40	2°29	21°32	0°15	7°22	23°32	11° 3	9°46	27°39	n.a.	M20
T 21	14 47 11	11°32'15	0♊49	26° 6	0♉43	26°41	2°27	21°32	0°15	7°23	23°33	10°59	9°42	27°46	n.a.	T 21
W22	14 51 7	12°29'20	14°16	25°47	1°56	26°43	2°24	21°33	0°15	7°25	23°35	10°54	9°39	27°53	n.a.	W22
T 23	14 55 4	13°26'24	27°57	25°25	3°10	26°46	2°22	21°34	0°R15	7°26	23°36	10°49	9°36	27°59	n.a.	T 23
F 24	14 59 1	14°23'29	11♋48	24°59	4°23	26°50	2°19	21°35	0°15	7°27	23°38	10°45	9°33	28° 6	n.a.	F 24
S 25	15 2 57	15°20'33	25°48	24°30	5°37	26°55	2°16	21°37	0°15	7°29	23°39	10°42	9°30	28°13	n.a.	S 25
S 26	15 6 54	16°17'38	9♌54	23°57	6°50	27° 0	2°13	21°38	0°15	7°31	23°41	10°D41	9°27	28°20	n.a.	S 26
M27	15 10 50	17°14'43	24° 5	23°22	8° 4	27° 6	2° 9	21°39	0°15	7°32	23°42	10°41	9°23	28°26	n.a.	M27
T 28	15 14 47	18°11'48	8♍19	22°45	9°17	27°13	2° 6	21°41	0°15	7°34	23°44	10°42	9°20	28°33	n.a.	T 28
W29	15 18 43	19° 8'53	22°33	22° 6	10°31	27°21	2° 2	21°42	0°14	7°35	23°46	10°43	9°17	28°40	n.a.	W29
T 30	15 22 40	20° 5'58	6♎45	21°27	11°45	27°30	1°58	21°44	0°14	7°37	23°47	10°R44	9°14	28°46	n.a.	T 30
F 31	15 26 36	21♉ 3'04	20♎53	20♉47	12♉58	27♍39	1♏54	21♌46	0♒14	7♋38	23♉49	10♎44	9♎11	28♒53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	8n56	4n42	2s33	19n 9	2n 0	1n24	1s15	0n46	0n20	24s31	0s37	17n 1	2n34	21s15	0s43	24n 8	0n24	18n 6	0s51	4s32	4s21	9s50			n.a.
T 2	9 18	0 1	1 18	19 22	1 54	1 55	1 14	0 49	0 16	24 31	0 37	17 2	2 34	21 14	0 43	24 8	0 24	18 6	0 51	4 32	4 19	9 48			n.a.
F 3	9 39	4s38	0n 2	19 33	1 47	2 26	1 12	0 51	0 13	24 31	0 38	17 2	2 34	21 14	0 43	24 8	0 24	18 6	0 51	4 32	4 18	9 46			n.a.
S 4	10 0	8 59	1 21	19 41	1 39	2 57	1 10	0 53	0 9	24 32	0 38	17 2	2 34	21 14	0 43	24 8	0 24	18 7	0 51	4 32	4 17	9 45			n.a.
S 5	10 22	12 44	2 33	19 48	1 31	3 27	1 9	0 54	0 6	24 32	0 38	17 2	2 33	21 14	0 43	24 8	0 24	18 7	0 51	4 31	4 16	9 43			n.a.
M 6	10 43	15 40	3 35	19 53	1 22	3 58	1 7	0 55	0 2	24 32	0 38	17 2	2 33	21 14	0 43	24 8	0 24	18 8	0 51	4 31	4 14	9 41			n.a.
T 7	11 3	17 40	4 23	19 56	1 12	4 28	1 5	0 56	0s 1	24 32	0 39	17 2	2 33	21 14	0 43	24 8	0 24	18 8	0 51	4 30	4 13	9 40			n.a.
W 8	11 24	18 40	4 56	19 58	1 2	4 59	1 4	0 57	0 4	24 33	0 39	17 2	2 33	21 14	0 43	24 8	0 24	18 9	0 50	4 29	4 12	9 38			n.a.
T 9	11 45	18 40	5 13	19 57	0 51	5 29	1 2	0 58	0 8	24 33	0 39	17 2	2 33	21 13	0 43	24 8	0 24	18 9	0 50	4 28	4 11	9 36			n.a.
F 10	12 5	17 47	5 15	19 55	0 40	6 0	1 0	0 58	0 11	24 33	0 39	17 2	2 32	21 13	0 43	24 8	0 24	18 9	0 50	4 27	4 9	9 34			n.a.
S 11	12 25	16 5	5 2	19 50	0 27	6 30	0 58	0 57	0 14	24 34	0 40	17 1	2 32	21 13	0 43	24 8	0 24	18 10	0 50	4 27	4 8	9 33			n.a.
S 12	12 45	13 43	4 37	19 44	0 14	7 0	0 56	0 57	0 18	24 34	0 40	17 1	2 32	21 13	0 43	24 8	0 24	18 10	0 50	4 27	4 7	9 31			n.a.
M13	13 5	10 48	4 0	19 37	0 1	7 30	0 54	0 56	0 21	24 34	0 40	17 1	2 32	21 13	0 43	24 8	0 24	18 11	0 50	4 27	4 5	9 29			n.a.
T 14	13 25	7 27	3 13	19 28	0s13	8 0	0 52	0 55	0 24	24 34	0 41	17 1	2 31	21 13	0 43	24 7	0 24	18 11	0 50	4 28	4 4	9 28			n.a.
W15	13 44	3 47	2 17	19 17	0 28	8 29	0 50	0 54	0 27	24 35	0 41	17 0	2 31	21 13	0 43	24 7	0 24	18 12	0 50	4 29	4 3	9 26			n.a.
T 16	14 3	0n 5	1 15	19 5	0 42	8 59	0 48	0 52	0 30	24 35	0 41	17 0	2 31	21 13	0 43	24 7	0 24	18 12	0 50	4 29	4 2	9 24			n.a.
F 17	14 22	4 0	0 9	18 51	0 58	9 28	0 46	0 50	0 33	24 35	0 41	17 0	2 31	21 13	0 44	24 7	0 24	18 13	0 50	4 30	4 0	9 23			n.a.
S 18	14 41	7 49	0s59	18 36	1 13	9 57	0 44	0 48	0 36	24 36	0 42	16 59	2 31	21 13	0 44	24 7	0 24	18 13	0 50	4 29	3 59	9 21			n.a.
S 19	14 59	11 22	2 6	18 19	1 29	10 26	0 42	0 46	0 39	24 36	0 42	16 59	2 30	21 13	0 44	24 7	0 24	18 13	0 50	4 29	3 58	9 19			n.a.
M20	15 18	14 27	3 7	18 2	1 45	10 54	0 39	0 43	0 42	24 36	0 42	16 59	2 30	21 13	0 44	24 7	0 24	18 14	0 50	4 27	3 57	9 18			n.a.
T 21	15 36	16 50	3 59	17 43	2 0	11 22	0 37	0 40	0 45	24 36	0 42	16 58	2 30	21 13	0 44	24 7	0 24	18 14	0 50	4 26	3 55	9 16			n.a.
W22	15 54	18 21	4 39	17 24	2 16	11 51	0 35	0 36	0 48	24 37	0 43	16 58	2 30	21 13	0 44	24 7	0 24	18 15	0 49	4 24	3 54	9 14			n.a.
T 23	16 11	18 50	5 4	17 3	2 31	12 18	0 33	0 33	0 50	24 37	0 43	16 57	2 30	21 13	0 44	24 7	0 24	18 15	0 49	4 22	3 53	9 12			n.a.
F 24	16 29	18 13	5 12	16 43	2 46	12 46	0 30	0 29	0 53	24 37	0 43	16 56	2 29	21 13	0 44	24 7	0 24	18 16	0 49	4 20	3 51	9 11			n.a.
S 25	16 46	16 29	5 1	16 22	3 1	13 13	0 28	0 24	0 56	24 38	0 43	16 56	2 29	21 13	0 44	24 7	0 24	18 16	0 49	4 19	3 50	9 9			n.a.
S 26	17 3	13 45	4 32	16 0	3 14	13 40	0 26	0 20	0 58	24 38	0 44	16 55	2 29	21 13	0 44	24 7	0 24	18 17	0 49	4 19	3 49	9 7			n.a.
M27	17 19	10 12	3 47	15 39	3 27	14 7	0 24	0 15	1 1	24 38	0 44	16 55	2 29	21 13	0 44	24 6	0 24	18 17	0 49	4 19	3 48	9 6			n.a.
T 28	17 36	6 2	2 47	15 18	3 39	14 33	0 21	0 10	1 3	24 39	0 44	16 54	2 28	21 13	0 44	24 6	0 24	18 18	0 49	4 19	3 46	9 4			n.a.
W29	17 52	1 32	1 37	14 58	3 49	14 59	0 19	0 4	1 6	24 39	0 45	16 53	2 28	21 13	0 44	24 6	0 24	18 18	0 49	4 20	3 45	9 2			n.a.
T 30	18 8	3s 4	0 22	14 39	3 59	15 24	0 16	0s 1	1 8	24 39	0 45	16 52	2 28	21 14	0 44	24 6	0 24	18 19	0 49	4 20	3 44	9 0			n.a.
F 31	18n23	7s28	0n55	14n21	4s 7	15n49	0s14	0s 7	1s10	24s40	0s45	16n52	2n28	21s14	0s44	24n 6	0n24	18n19	0s49	4s20	3s42	8s59			n.a.

Julian Day Number = 981912.5, Delta T = 13h12m49s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'08, Lahiri = -31°52'08 Julian Calendar 1 May 2025 BCE == Greg. Calendar 14 Apr. 2025 BCE

The year -2024 astronomical counting style corresponds to year 2025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

JUNE 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 30 33	22♉ 0'10	4♏53	20°R 8	14♉12	27♍49	1°R50	21♌48	0°R13	7♋40	23♉50	10°R42	9♎ 7	29♒ 0	n.a.	S 1
S 2	15 34 30	22°57'17	18°42	19♉31	15°25	28° 0	1♏45	21°50	0♒13	7°42	23°52	10♎38	9° 4	29° 6	n.a.	S 2
M 3	15 38 26	23°54'24	2♐16	18°55	16°39	28°11	1°41	21°52	0°12	7°43	23°53	10°32	9° 1	29°13	n.a.	M 3
T 4	15 42 23	24°51'32	15°33	18°22	17°53	28°23	1°36	21°54	0°12	7°45	23°55	10°25	8°58	29°20	n.a.	T 4
W 5	15 46 19	25°48'42	28°32	17°52	19° 7	28°36	1°31	21°56	0°11	7°47	23°57	10°17	8°55	29°26	n.a.	W 5
T 6	15 50 16	26°45'52	11♏13	17°26	20°20	28°50	1°26	21°58	0°11	7°49	23°58	10°10	8°52	29°33	n.a.	T 6
F 7	15 54 12	27°43'03	23°36	17° 4	21°34	29° 4	1°21	22° 1	0°10	7°50	24° 0	10° 4	8°48	29°40	n.a.	F 7
S 8	15 58 9	28°40'15	5♒45	16°47	22°48	29°19	1°16	22° 3	0° 9	7°52	24° 1	9°59	8°45	29°46	n.a.	S 8
S 9	16 2 6	29°37'28	17°43	16°35	24° 2	29°34	1°10	22° 6	0° 8	7°54	24° 3	9°56	8°42	29°53	n.a.	S 9
M10	16 6 2	0♊34'42	29°35	16°29	25°16	29°50	1° 5	22° 9	0° 7	7°56	24° 5	9°D55	8°39	29°59	n.a.	M10
T 11	16 9 59	1°31'57	11♓25	16°D28	26°29	0♎ 7	0°59	22°11	0° 7	7°58	24° 6	9°56	8°36	0♓ 6	n.a.	T 11
W12	16 13 55	2°29'14	23°19	16°33	27°43	0°25	0°53	22°14	0° 6	8° 0	24° 8	9°57	8°32	0°13	n.a.	W12
T 13	16 17 52	3°26'32	5♈23	16°44	28°57	0°43	0°47	22°17	0° 5	8° 2	24° 9	9°R58	8°29	0°20	n.a.	T 13
F 14	16 21 48	4°23'51	17°39	17° 2	0♊11	1° 1	0°41	22°20	0° 4	8° 3	24°11	9°58	8°26	0°26	n.a.	F 14
S 15	16 25 45	5°21'11	0♉14	17°25	1°25	1°20	0°34	22°23	0° 3	8° 5	24°12	9°56	8°23	0°33	n.a.	S 15
S 16	16 29 41	6°18'33	13° 8	17°55	2°39	1°40	0°28	22°26	0° 1	8° 7	24°14	9°51	8°20	0°40	n.a.	S 16
M17	16 33 38	7°15'56	26°23	18°31	3°53	2° 0	0°21	22°30	0° 0	8° 9	24°15	9°45	8°17	0°46	n.a.	M17
T 18	16 37 35	8°13'20	9♊59	19°13	5° 7	2°21	0°15	22°33	29♏59	8°11	24°17	9°36	8°13	0°53	n.a.	T 18
W19	16 41 31	9°10'45	23°52	20° 1	6°21	2°43	0° 8	22°37	29°58	8°13	24°19	9°27	8°10	1° 0	n.a.	W19
T 20	16 45 28	10° 8'12	8♋ 0	20°55	7°35	3° 5	0° 1	22°40	29°57	8°15	24°20	9°18	8° 7	1° 6	n.a.	T 20
F 21	16 49 24	11° 5'40	22°15	21°55	8°50	3°27	29♐54	22°44	29°55	8°17	24°22	9° 9	8° 4	1°13	n.a.	F 21
S 22	16 53 21	12° 3'08	6♌35	23° 1	10° 4	3°50	29°47	22°47	29°54	8°19	24°23	9° 3	8° 1	1°20	n.a.	S 22
S 23	16 57 17	13° 0'38	20°53	24°12	11°18	4°14	29°40	22°51	29°53	8°21	24°25	8°58	7°58	1°26	n.a.	S 23
M24	17 1 14	13°58'09	5♍ 8	25°29	12°32	4°38	29°32	22°55	29°51	8°23	24°26	8°57	7°54	1°33	n.a.	M24
T 25	17 5 11	14°55'40	19°16	26°51	13°46	5° 2	29°25	22°59	29°50	8°26	24°28	8°D56	7°51	1°40	n.a.	T 25
W26	17 9 7	15°53'13	3♎16	28°18	15° 0	5°27	29°18	23° 3	29°48	8°28	24°29	8°R57	7°48	1°47	n.a.	W26
T 27	17 13 4	16°50'47	17° 9	29°50	16°15	5°52	29°10	23° 7	29°47	8°30	24°31	8°57	7°45	1°53	n.a.	T 27
F 28	17 17 0	17°48'22	0♏53	1♊26	17°29	6°18	29° 3	23°11	29°45	8°32	24°32	8°55	7°42	2° 0	n.a.	F 28
S 29	17 20 57	18°45'58	14°28	3° 7	18°43	6°44	28°55	23°15	29°43	8°34	24°34	8°51	7°38	2° 7	n.a.	S 29
S 30	17 24 53	19♊43'36	27♏53	4♊50	19♊57	7♎11	28♐47	23♌20	29♏42	8♋36	24♉35	8♎44	7♎35	2♓13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n38	11s25	2n 7	14n 5	4s13	16n14	0s12	0s13	1s13	24s40	0s45	16n51	2n28	21s14	0s44	24n 6	0n24	18n19	0s49	4s19	3s41	8s57		n.a.
S 2	18 53	14 41	3 11	13 50	4 18	16 38	0 9	0 20	1 15	24 40	0 46	16 50	2 27	21 14	0 44	24 6	0 24	18 20	0 49	4 17	3 40	8 55		n.a.
M 3	19 8	17 4	4 3	13 37	4 21	17 2	0 7	0 26	1 17	24 41	0 46	16 49	2 27	21 14	0 44	24 6	0 24	18 20	0 49	4 15	3 39	8 54		n.a.
T 4	19 22	18 29	4 40	13 26	4 23	17 26	0 5	0 33	1 19	24 41	0 46	16 48	2 27	21 14	0 44	24 6	0 24	18 21	0 49	4 12	3 37	8 52		n.a.
W 5	19 36	18 53	5 2	13 18	4 23	17 49	0 2	0 40	1 21	24 41	0 46	16 47	2 27	21 14	0 44	24 6	0 24	18 21	0 49	4 9	3 36	8 50		n.a.
T 6	19 50	18 19	5 8	13 12	4 22	18 12	0n 0	0 48	1 23	24 42	0 47	16 46	2 27	21 15	0 44	24 5	0 24	18 22	0 49	4 6	3 35	8 48		n.a.
F 7	20 3	16 54	5 0	13 8	4 19	18 34	0 3	0 55	1 25	24 42	0 47	16 45	2 26	21 15	0 44	24 5	0 24	18 22	0 48	4 4	3 34	8 47		n.a.
S 8	20 16	14 44	4 38	13 8	4 15	18 55	0 5	1 3	1 27	24 42	0 47	16 44	2 26	21 15	0 44	24 5	0 24	18 23	0 48	4 2	3 32	8 45		n.a.
S 9	20 29	11 58	4 4	13 10	4 9	19 17	0 7	1 11	1 29	24 42	0 47	16 43	2 26	21 15	0 44	24 5	0 24	18 23	0 48	4 1	3 31	8 43		n.a.
M10	20 41	8 44	3 20	13 15	4 2	19 37	0 10	1 19	1 31	24 43	0 48	16 42	2 26	21 15	0 44	24 5	0 24	18 24	0 48	4 0	3 30	8 42		n.a.
T 11	20 53	5 9	2 28	13 22	3 54	19 57	0 12	1 28	1 33	24 43	0 48	16 41	2 25	21 16	0 45	24 5	0 24	18 24	0 48	4 1	3 28	8 40		n.a.
W12	21 5	1 21	1 28	13 32	3 45	20 17	0 14	1 36	1 34	24 43	0 48	16 40	2 25	21 16	0 45	24 5	0 24	18 24	0 48	4 1	3 27	8 38		n.a.
T 13	21 16	2n33	0 25	13 45	3 34	20 36	0 17	1 45	1 36	24 44	0 48	16 39	2 25	21 16	0 45	24 5	0 24	18 25	0 48	4 1	3 26	8 36		n.a.
F 14	21 27	6 26	0s41	14 1	3 23	20 55	0 19	1 54	1 38	24 44	0 49	16 37	2 25	21 16	0 45	24 5	0 24	18 25	0 48	4 1	3 25	8 35		n.a.
S 15	21 38	10 7	1 47	14 19	3 12	21 13	0 21	2 3	1 39	24 44	0 49	16 36	2 25	21 17	0 45	24 4	0 24	18 26	0 48	4 1	3 23	8 33		n.a.
S 16	21 48	13 26	2 48	14 39	2 59	21 30	0 24	2 13	1 41	24 44	0 49	16 35	2 24	21 17	0 45	24 4	0 24	18 26	0 48	3 59	3 22	8 31		n.a.
M17	21 58	16 8	3 42	15 2	2 46	21 47	0 26	2 23	1 43	24 45	0 49	16 34	2 24	21 17	0 45	24 4	0 24	18 27	0 48	3 56	3 21	8 30		n.a.
T 18	22 7	18 2	4 25	15 26	2 33	22 3	0 28	2 32	1 44	24 45	0 49	16 32	2 24	21 18	0 45	24 4	0 24	18 27	0 48	3 53	3 20	8 28		n.a.
W19	22 16	18 54	4 53	15 53	2 19	22 18	0 30	2 42	1 46	24 45	0 50	16 31	2 24	21 18	0 45	24 4	0 24	18 28	0 48	3 49	3 18	8 26		n.a.
T 20	22 25	18 37	5 4	16 21	2 5	22 33	0 32	2 53	1 47	24 45	0 50	16 30	2 24	21 18	0 45	24 4	0 24	18 28	0 48	3 45	3 17	8 24		n.a.
F 21	22 34	17 10	4 56	16 50	1 50	22 47	0 35	3 3	1 48	24 46	0 50	16 28	2 23	21 18	0 45	24 4	0 24	18 28	0 48	3 42	3 16	8 23		n.a.
S 22	22 42	14 39	4 30	17 21	1 36	23 1	0 37	3 14	1 50	24 46	0 50	16 27	2 23	21 19	0 45	24 4	0 24	18 29	0 48	3 39	3 14	8 21		n.a.
S 23	22 49	11 14	3 47	17 53	1 22	23 14	0 39	3 24	1 51	24 46	0 51	16 25	2 23	21 19	0 45	24 4	0 24	18 29	0 48	3 38	3 13	8 19		n.a.
M24	22 56	7 11	2 50	18 26	1 7	23 26	0 41	3 35	1 52	24 46	0 51	16 24	2 23	21 19	0 45	24 3	0 24	18 30	0 48	3 37	3 12	8 17		n.a.
T 25	23 3	2 46	1 43	18 59	0 53	23 38	0 43	3 46	1 54	24 46	0 51	16 22	2 23	21 20	0 45	24 3	0 24	18 30	0 47	3 37	3 11	8 16		n.a.
W26	23 10	1s47	0 30	19 33	0 39	23 48	0 45	3 57	1 55	24 46	0 51	16 21	2 23	21 20	0 45	24 3	0 24	18 31	0 47	3 37	3 9	8 14		n.a.
T 27	23 15	6 12	0n44	20 7	0 26	23 59	0 47	4 9	1 56	24 47	0 51	16 19	2 22	21 20	0 45	24 3	0 24	18 31	0 47	3 37	3 8	8 12		n.a.
F 28	23 21	10 14	1 54	20 40	0 12	24 8	0 49	4 20	1 57	24 47	0 52	16 18	2 22	21 21	0 45	24 3	0 24	18 31	0 47	3 36	3 7	8 10		n.a.
S 29	23 26	13 41	2 57	21 13	0n 0	24 17	0 51	4 32	1 58	24 47	0 52	16 16	2 22	21 21	0 45	24 3	0 24	18 32	0 47	3 34	3 5	8 9		n.a.
S 30	23n31	16s22	3n49	21n44	0n13	24n25	0n53	4s44	1s59	24s47	0s52	16n15	2n22	21s22	0s45	24n 3	0n24	18n32	0s47	3s32	3s 4	8s 7		n.a.

Julian Day Number = 981943.5, Delta T = 13h12m47s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'04, Lahiri = -31°52'03 Julian Calendar 1 June 2025 BCE == Greg. Calendar 15 May 2025 BCE

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

JULY 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 28 50	20♊41'15	11♐ 6	6♊38	21♊12	7♎38	28°R40	23♌24	29°R40	8♋38	24♉36	8°R34	7♎32	2♓20	n.a.	M 1
T 2	17 32 46	21°38'56	24° 6	8°28	22°26	8° 6	28♐32	23°29	29♏38	8°40	24°38	8♎23	7°29	2°27	n.a.	T 2
W 3	17 36 43	22°36'38	6♏52	10°21	23°40	8°34	28°24	23°33	29°37	8°42	24°39	8°10	7°26	2°33	n.a.	W 3
T 4	17 40 40	23°34'22	19°24	12°16	24°55	9° 2	28°16	23°38	29°35	8°45	24°41	7°58	7°23	2°40	n.a.	T 4
F 5	17 44 36	24°32'07	1♒41	14°12	26° 9	9°30	28° 9	23°42	29°33	8°47	24°42	7°47	7°19	2°47	n.a.	F 5
S 6	17 48 33	25°29'55	13°46	16°10	27°23	9°59	28° 1	23°47	29°31	8°49	24°43	7°39	7°16	2°53	n.a.	S 6
S 7	17 52 29	26°27'44	25°42	18° 9	28°38	10°29	27°53	23°52	29°29	8°51	24°45	7°33	7°13	3° 0	n.a.	S 7
M 8	17 56 26	27°25'35	7♓31	20° 9	29°52	10°59	27°45	23°57	29°27	8°53	24°46	7°29	7°10	3° 7	n.a.	M 8
T 9	18 0 22	28°23'28	19°20	22° 9	1♋ 7	11°29	27°37	24° 2	29°25	8°55	24°48	7°28	7° 7	3°13	n.a.	T 9
W10	18 4 19	29°21'23	1♈13	24° 9	2°21	11°59	27°29	24° 7	29°24	8°58	24°49	7°27	7° 4	3°20	n.a.	W10
T 11	18 8 15	0♋19'20	13°16	26° 9	3°36	12°30	27°21	24°12	29°22	9° 0	24°50	7°27	7° 0	3°27	n.a.	T 11
F 12	18 12 12	1°17'19	25°34	28° 9	4°50	13° 1	27°13	24°17	29°19	9° 2	24°52	7°27	6°57	3°33	n.a.	F 12
S 13	18 16 9	2°15'20	8♉11	0♋ 8	6° 5	13°33	27° 6	24°22	29°17	9° 4	24°53	7°24	6°54	3°40	n.a.	S 13
S 14	18 20 5	3°13'24	21°12	2° 6	7°19	14° 4	26°58	24°27	29°15	9° 7	24°54	7°18	6°51	3°47	n.a.	S 14
M15	18 24 2	4°11'29	4♊39	4° 4	8°34	14°36	26°50	24°33	29°13	9° 9	24°55	7°11	6°48	3°53	n.a.	M15
T 16	18 27 58	5° 9'37	18°31	6° 0	9°48	15° 9	26°42	24°38	29°11	9°11	24°57	7° 0	6°44	4° 0	n.a.	T 16
W17	18 31 55	6° 7'46	2♋46	7°56	11° 3	15°41	26°35	24°43	29° 9	9°13	24°58	6°49	6°41	4° 7	n.a.	W17
T 18	18 35 51	7° 5'57	17°18	9°51	12°18	16°14	26°27	24°49	29° 7	9°15	24°59	6°37	6°38	4°13	n.a.	T 18
F 19	18 39 48	8° 4'11	2♌ 0	11°44	13°32	16°48	26°19	24°55	29° 5	9°18	25° 0	6°27	6°35	4°20	n.a.	F 19
S 20	18 43 44	9° 2'26	16°44	13°37	14°47	17°21	26°12	25° 0	29° 2	9°20	25° 2	6°18	6°32	4°27	n.a.	S 20
S 21	18 47 41	10° 0'42	1♍22	15°28	16° 2	17°55	26° 4	25° 6	29° 0	9°22	25° 3	6°13	6°29	4°33	n.a.	S 21
M22	18 51 37	10°59'01	15°50	17°18	17°16	18°29	25°57	25°11	28°58	9°24	25° 4	6°10	6°25	4°40	n.a.	M22
T 23	18 55 34	11°57'21	0♎ 4	19° 7	18°31	19° 4	25°50	25°17	28°56	9°27	25° 5	6° 9	6°22	4°47	n.a.	T 23
W24	18 59 31	12°55'43	14° 3	20°55	19°46	19°38	25°43	25°23	28°53	9°29	25° 6	6° 9	6°19	4°53	n.a.	W24
T 25	19 3 27	13°54'06	27°46	22°41	21° 0	20°13	25°35	25°29	28°51	9°31	25° 7	6° 8	6°16	5° 0	n.a.	T 25
F 26	19 7 24	14°52'31	11♏16	24°27	22°15	20°48	25°28	25°35	28°49	9°33	25° 9	6° 6	6°13	5° 7	n.a.	F 26
S 27	19 11 20	15°50'58	24°32	26°11	23°30	21°24	25°21	25°41	28°47	9°35	25°10	6° 2	6°10	5°13	n.a.	S 27
S 28	19 15 17	16°49'27	7♐35	27°54	24°44	21°59	25°15	25°47	28°44	9°38	25°11	5°54	6° 6	5°20	n.a.	S 28
M29	19 19 13	17°47'58	20°28	29°36	25°59	22°35	25° 8	25°53	28°42	9°40	25°12	5°44	6° 3	5°27	n.a.	M29
T 30	19 23 10	18°46'31	3♏ 9	1♌17	27°14	23°11	25° 1	25°59	28°39	9°42	25°13	5°32	6° 0	5°33	n.a.	T 30
W31	19 27 6	19♋45'06	15♏38	2♌57	28♋29	23♎48	24♐55	26♌ 5	28♏37	9♋44	25♉14	5♎19	5♎57	5♓40	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n35	18s 8	4n28	22n15	0n24	24n32	0n55	4s55	2s 0	24s47	0s52	16n13	2n22	21s22	0s45	24n 2	0n24	18n33	0s47	3s28	3s 3	8s 5			n.a.
T 2	23 39	18 55	4 52	22 44	0 35	24 38	0 56	5 7	2 1	24 47	0 52	16 11	2 22	21 22	0 45	24 2	0 24	18 33	0 47	3 23	3 2	8 3			n.a.
W 3	23 43	18 44	5 1	23 12	0 45	24 44	0 58	5 20	2 2	24 47	0 52	16 9	2 21	21 23	0 45	24 2	0 24	18 33	0 47	3 18	3 0	8 2			n.a.
T 4	23 46	17 37	4 56	23 38	0 55	24 49	1 0	5 32	2 3	24 47	0 53	16 8	2 21	21 23	0 45	24 2	0 24	18 34	0 47	3 13	2 59	8 0			n.a.
F 5	23 48	15 42	4 36	24 1	1 3	24 53	1 1	5 44	2 4	24 47	0 53	16 6	2 21	21 24	0 45	24 2	0 24	18 34	0 47	3 9	2 58	7 58			n.a.
S 6	23 51	13 8	4 4	24 22	1 11	24 57	1 3	5 57	2 5	24 48	0 53	16 4	2 21	21 24	0 45	24 2	0 24	18 35	0 47	3 6	2 57	7 56			n.a.
S 7	23 53	10 3	3 22	24 41	1 18	25 0	1 5	6 9	2 6	24 48	0 53	16 2	2 21	21 24	0 45	24 2	0 24	18 35	0 47	3 3	2 55	7 55			n.a.
M 8	23 54	6 35	2 32	24 58	1 25	25 2	1 6	6 22	2 7	24 48	0 53	16 1	2 21	21 25	0 45	24 2	0 24	18 35	0 47	3 2	2 54	7 53			n.a.
T 9	23 55	2 51	1 35	25 11	1 30	25 3	1 8	6 35	2 8	24 48	0 53	15 59	2 20	21 25	0 45	24 1	0 24	18 36	0 47	3 1	2 53	7 51			n.a.
W10	23 55	1n 0	0 33	25 22	1 35	25 3	1 9	6 48	2 8	24 48	0 54	15 57	2 20	21 26	0 45	24 1	0 24	18 36	0 47	3 1	2 51	7 49			n.a.
T 11	23 55	4 52	0s31	25 31	1 39	25 3	1 10	7 1	2 9	24 48	0 54	15 55	2 20	21 26	0 45	24 1	0 24	18 37	0 47	3 1	2 50	7 48			n.a.
F 12	23 55	8 37	1 34	25 37	1 42	25 2	1 12	7 14	2 10	24 48	0 54	15 53	2 20	21 27	0 45	24 1	0 24	18 37	0 47	3 1	2 49	7 46			n.a.
S 13	23 54	12 5	2 35	25 40	1 45	25 0	1 13	7 27	2 10	24 48	0 54	15 51	2 20	21 27	0 45	24 1	0 24	18 37	0 47	3 0	2 48	7 44			n.a.
S 14	23 53	15 3	3 30	25 41	1 47	24 57	1 14	7 40	2 11	24 47	0 54	15 49	2 20	21 28	0 45	24 1	0 25	18 38	0 46	2 57	2 46	7 42			n.a.
M15	23 51	17 20	4 14	25 39	1 48	24 54	1 15	7 53	2 12	24 47	0 54	15 47	2 20	21 28	0 46	24 1	0 25	18 38	0 46	2 54	2 45	7 41			n.a.
T 16	23 49	18 41	4 45	25 35	1 48	24 49	1 16	8 7	2 12	24 47	0 54	15 45	2 19	21 29	0 46	24 0	0 25	18 38	0 46	2 50	2 44	7 39			n.a.
W17	23 47	18 54	5 0	25 29	1 48	24 44	1 17	8 20	2 13	24 47	0 55	15 43	2 19	21 29	0 46	24 0	0 25	18 39	0 46	2 45	2 42	7 37			n.a.
T 18	23 44	17 54	4 55	25 20	1 48	24 39	1 18	8 34	2 14	24 47	0 55	15 41	2 19	21 30	0 46	24 0	0 25	18 39	0 46	2 41	2 41	7 35			n.a.
F 19	23 40	15 42	4 32	25 10	1 46	24 32	1 19	8 47	2 14	24 47	0 55	15 39	2 19	21 30	0 46	24 0	0 25	18 39	0 46	2 36	2 40	7 34			n.a.
S 20	23 36	12 30	3 50	24 57	1 45	24 25	1 20	9 1	2 15	24 47	0 55	15 37	2 19	21 30	0 46	24 0	0 25	18 40	0 46	2 33	2 39	7 32			n.a.
S 21	23 32	8 31	2 53	24 42	1 42	24 17	1 21	9 14	2 15	24 47	0 55	15 35	2 19	21 31	0 46	24 0	0 25	18 40	0 46	2 31	2 37	7 30			n.a.
M22	23 28	4 5	1 45	24 26	1 40	24 8	1 22	9 28	2 16	24 47	0 55	15 33	2 19	21 31	0 46	24 0	0 25	18 40	0 46	2 30	2 36	7 28			n.a.
T 23	23 22	0s31	0 32	24 8	1 37	23 58	1 22	9 42	2 16	24 47	0 55	15 31	2 18	21 32	0 46	23 59	0 25	18 41	0 46	2 29	2 35	7 27			n.a.
W24	23 17	5 1	0n42	23 48	1 33	23 48	1 23	9 56	2 16	24 46	0 55	15 29	2 18	21 32	0 46	23 59	0 25	18 41	0 46	2 29	2 33	7 25			n.a.
T 25	23 11	9 9	1 52	23 27	1 30	23 37	1 23	10 10	2 17	24 46	0 55	15 27	2 18	21 33	0 46	23 59	0 25	18 41	0 46	2 29	2 32	7 23			n.a.
F 26	23 4	12 45	2 54	23 4	1 25	23 25	1 24	10 24	2 17	24 46	0 55	15 25	2 18	21 33	0 46	23 59	0 25	18 42	0 46	2 28	2 31	7 21			n.a.
S 27	22 58	15 38	3 46	22 40	1 21	23 13	1 24	10 37	2 17	24 46	0 56	15 23	2 18	21 34	0 46	23 59	0 25	18 42	0 46	2 26	2 30	7 20			n.a.
S 28	22 50	17 39	4 26	22 14	1 16	23 0	1 25	10 51	2 18	24 46	0 56	15 20	2 18	21 34	0 46	23 59	0 25	18 42	0 46	2 23	2 28	7 18			n.a.
M29	22 43	18 45	4 51	21 48	1 11	22 46	1 25	11 5	2 18	24 46	0 56	15 18	2 18	21 35	0 46	23 58	0 25	18 43	0 46	2 19	2 27	7 16			n.a.
T 30	22 35	18 53	5 1	21 20	1 5	22 32	1 25	11 19	2 18	24 45	0 56	15 16	2 18	21 35	0 46	23 58	0 25	18 43	0 46	2 14	2 26	7 14			n.a.
W31	22n26	18s 5	4n56	20n52	1n 0	22n16	1n25	11s33	2s19	24s45	0s56	15n14	2n18	21s36	0s46	23n58	0n25	18n43	0s46	2s 9	2s24	7s12			n.a.

Julian Day Number = 981973.5, Delta T = 13h12m45s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°59'00, Lahiri = -31°51'59 Julian Calendar 1 July 2025 BCE == Greg. Calendar 14 June 2025 BCE

The year -2024 astronomical counting style corresponds to year 2025 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

AUGUST 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 31 3	20♋43'43	27♑57	4♘36	29♋44	24♎24	24°R49	26♘11	28°R35	9♋47	25♉15	5°R 6	5♎54	5♓47	n.a.	T 1
F 2	19 35 0	21°42'22	10♒ 5	6°13	0♘58	25° 1	24♐42	26°18	28♑32	9°49	25°16	4♎55	5°50	5°53	n.a.	F 2
S 3	19 38 56	22°41'03	22° 4	7°50	2°13	25°38	24°36	26°24	28°30	9°51	25°17	4°45	5°47	6° 0	n.a.	S 3
S 4	19 42 53	23°39'47	3♓56	9°25	3°28	26°15	24°30	26°30	28°28	9°53	25°18	4°38	5°44	6° 7	n.a.	S 4
M 5	19 46 49	24°38'33	15°43	11° 0	4°43	26°52	24°24	26°37	28°25	9°55	25°19	4°34	5°41	6°13	n.a.	M 5
T 6	19 50 46	25°37'21	27°31	12°34	5°57	27°30	24°19	26°43	28°23	9°57	25°20	4°33	5°38	6°20	n.a.	T 6
W 7	19 54 42	26°36'12	9♈22	14° 6	7°12	28° 7	24°13	26°49	28°20	10° 0	25°20	4°D32	5°35	6°27	n.a.	W 7
T 8	19 58 39	27°35'05	21°23	15°38	8°27	28°45	24° 8	26°56	28°18	10° 2	25°21	4°33	5°31	6°33	n.a.	T 8
F 9	20 2 35	28°34'00	3♉38	17° 8	9°42	29°23	24° 3	27° 2	28°16	10° 4	25°22	4°R33	5°28	6°40	n.a.	F 9
S 10	20 6 32	29°32'58	16°13	18°38	10°57	0♏ 2	23°57	27° 9	28°13	10° 6	25°23	4°32	5°25	6°47	n.a.	S 10
S 11	20 10 28	0♘31'59	29°13	20° 7	12°12	0°40	23°53	27°16	28°11	10° 8	25°24	4°28	5°22	6°53	n.a.	S 11
M12	20 14 25	1°31'02	12♊40	21°34	13°27	1°19	23°48	27°22	28° 8	10°10	25°24	4°22	5°19	7° 0	n.a.	M12
T 13	20 18 22	2°30'08	26°37	23° 1	14°41	1°57	23°43	27°29	28° 6	10°12	25°25	4°14	5°16	7° 7	n.a.	T 13
W14	20 22 18	3°29'16	11♋ 0	24°26	15°56	2°36	23°39	27°36	28° 4	10°14	25°26	4° 5	5°12	7°13	n.a.	W14
T 15	20 26 15	4°28'26	25°46	25°51	17°11	3°15	23°35	27°42	28° 1	10°17	25°27	3°56	5° 9	7°20	n.a.	T 15
F 16	20 30 11	5°27'38	10♘47	27°14	18°26	3°55	23°31	27°49	27°59	10°19	25°27	3°47	5° 6	7°27	n.a.	F 16
S 17	20 34 8	6°26'53	25°52	28°36	19°41	4°34	23°27	27°56	27°56	10°21	25°28	3°40	5° 3	7°33	n.a.	S 17
S 18	20 38 4	7°26'10	10♍53	29°58	20°56	5°14	23°23	28° 3	27°54	10°23	25°29	3°36	5° 0	7°40	n.a.	S 18
M19	20 42 1	8°25'29	25°41	1♍17	22°11	5°53	23°19	28° 9	27°52	10°25	25°29	3°34	4°56	7°47	n.a.	M19
T 20	20 45 57	9°24'49	10♎11	2°36	23°26	6°33	23°16	28°16	27°49	10°27	25°30	3°D34	4°53	7°53	n.a.	T 20
W21	20 49 54	10°24'12	24°19	3°53	24°40	7°13	23°13	28°23	27°47	10°29	25°30	3°34	4°50	8° 0	n.a.	W21
T 22	20 53 50	11°23'37	8♏ 5	5° 9	25°55	7°53	23°10	28°30	27°45	10°31	25°31	3°R35	4°47	8° 7	n.a.	T 22
F 23	20 57 47	12°23'03	21°31	6°24	27°10	8°34	23° 7	28°37	27°42	10°33	25°31	3°35	4°44	8°13	n.a.	F 23
S 24	21 1 44	13°22'32	4♐37	7°37	28°25	9°14	23° 5	28°44	27°40	10°35	25°32	3°33	4°41	8°20	n.a.	S 24
S 25	21 5 40	14°22'02	17°28	8°48	29°40	9°55	23° 2	28°51	27°38	10°37	25°32	3°28	4°37	8°27	n.a.	S 25
M26	21 9 37	15°21'35	0♑ 4	9°57	0♍55	10°35	23° 0	28°58	27°35	10°38	25°33	3°22	4°34	8°33	n.a.	M26
T 27	21 13 33	16°21'09	12°29	11° 5	2°10	11°16	22°58	29° 5	27°33	10°40	25°33	3°14	4°31	8°40	n.a.	T 27
W28	21 17 30	17°20'46	24°44	12°10	3°25	11°57	22°56	29°12	27°31	10°42	25°34	3° 5	4°28	8°47	n.a.	W28
T 29	21 21 26	18°20'24	6♒50	13°13	4°39	12°38	22°55	29°19	27°29	10°44	25°34	2°56	4°25	8°53	n.a.	T 29
F 30	21 25 23	19°20'05	18°48	14°13	5°54	13°19	22°53	29°26	27°27	10°46	25°34	2°48	4°21	9° 0	n.a.	F 30
S 31	21 29 19	20♘19'48	0♓41	15♍11	7♍ 9	14♏ 0	22♐52	29♘33	27♑24	10♋48	25♉35	2♎42	4♎18	9♓ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22n17	16s27	4n38	20n22	0n54	22n 1	1n25	11s47	2s19	24s45	0s56	15n11	2n18	21s36	0s46	23n58	0n25	18n44	0s46	2s 4	2s23	7s11			n.a.
F 2	22 8	14 7	4 7	19 52	0 48	21 44	1 25	12 1	2 19	24 45	0 56	15 9	2 17	21 37	0 46	23 58	0 25	18 44	0 46	1 59	2 22	7 9			n.a.
S 3	21 58	11 12	3 26	19 21	0 42	21 27	1 25	12 15	2 19	24 45	0 56	15 7	2 17	21 37	0 46	23 58	0 25	18 44	0 45	1 56	2 21	7 7			n.a.
S 4	21 48	7 52	2 35	18 49	0 35	21 9	1 25	12 29	2 20	24 44	0 56	15 5	2 17	21 38	0 46	23 58	0 25	18 44	0 45	1 53	2 19	7 5			n.a.
M 5	21 38	4 14	1 39	18 17	0 28	20 51	1 25	12 43	2 20	24 44	0 56	15 2	2 17	21 38	0 46	23 57	0 25	18 45	0 45	1 51	2 18	7 4			n.a.
T 6	21 27	0 26	0 37	17 43	0 22	20 32	1 25	12 57	2 20	24 44	0 56	15 0	2 17	21 39	0 46	23 57	0 25	18 45	0 45	1 50	2 17	7 2			n.a.
W 7	21 16	3n23	0s26	17 10	0 15	20 12	1 25	13 11	2 20	24 44	0 56	14 58	2 17	21 39	0 46	23 57	0 25	18 45	0 45	1 50	2 15	7 0			n.a.
T 8	21 4	7 8	1 29	16 36	0 7	19 52	1 24	13 25	2 20	24 44	0 56	14 55	2 17	21 40	0 46	23 57	0 25	18 45	0 45	1 51	2 14	6 58			n.a.
F 9	20 52	10 39	2 29	16 1	0 0	19 31	1 24	13 39	2 20	24 43	0 56	14 53	2 17	21 41	0 46	23 57	0 25	18 46	0 45	1 51	2 13	6 56			n.a.
S 10	20 39	13 47	3 23	15 26	0s 7	19 10	1 23	13 53	2 20	24 43	0 56	14 51	2 17	21 41	0 46	23 57	0 25	18 46	0 45	1 50	2 12	6 55			n.a.
S 11	20 27	16 20	4 9	14 51	0 15	18 48	1 23	14 7	2 20	24 43	0 56	14 48	2 17	21 42	0 46	23 57	0 25	18 46	0 45	1 49	2 10	6 53			n.a.
M12	20 13	18 5	4 43	14 15	0 22	18 26	1 22	14 21	2 20	24 43	0 56	14 46	2 17	21 42	0 46	23 56	0 25	18 46	0 45	1 46	2 9	6 51			n.a.
T 13	20 0	18 51	5 2	13 39	0 30	18 3	1 21	14 35	2 20	24 42	0 56	14 43	2 17	21 42	0 46	23 56	0 25	18 47	0 45	1 43	2 8	6 49			n.a.
W14	19 46	18 26	5 3	13 3	0 37	17 40	1 21	14 49	2 20	24 42	0 56	14 41	2 17	21 43	0 46	23 56	0 25	18 47	0 45	1 39	2 7	6 48			n.a.
T 15	19 32	16 47	4 43	12 27	0 45	17 16	1 20	15 2	2 20	24 42	0 56	14 38	2 16	21 43	0 46	23 56	0 25	18 47	0 45	1 35	2 5	6 46			n.a.
F 16	19 17	13 58	4 4	11 51	0 53	16 51	1 19	15 16	2 20	24 42	0 56	14 36	2 16	21 44	0 46	23 56	0 25	18 47	0 45	1 32	2 4	6 44			n.a.
S 17	19 2	10 13	3 8	11 15	1 0	16 27	1 18	15 30	2 20	24 42	0 56	14 34	2 16	21 44	0 46	23 56	0 25	18 47	0 45	1 29	2 3	6 42			n.a.
S 18	18 47	5 48	1 59	10 39	1 8	16 1	1 17	15 43	2 20	24 41	0 56	14 31	2 16	21 45	0 46	23 55	0 25	18 48	0 45	1 27	2 1	6 40			n.a.
M19	18 31	1 6	0 42	10 3	1 16	15 36	1 16	15 57	2 20	24 41	0 56	14 29	2 16	21 45	0 46	23 55	0 25	18 48	0 45	1 27	2 0	6 39			n.a.
T 20	18 15	3s34	0n36	9 28	1 23	15 9	1 15	16 10	2 20	24 41	0 56	14 26	2 16	21 46	0 46	23 55	0 25	18 48	0 45	1 27	1 59	6 37			n.a.
W21	17 59	7 55	1 49	8 52	1 31	14 43	1 14	16 24	2 20	24 41	0 56	14 24	2 16	21 46	0 46	23 55	0 25	18 48	0 45	1 27	1 58	6 35			n.a.
T 22	17 43	11 44	2 55	8 17	1 39	14 16	1 12	16 37	2 20	24 41	0 56	14 21	2 16	21 47	0 46	23 55	0 25	18 48	0 45	1 27	1 56	6 33			n.a.
F 23	17 26	14 49	3 49	7 42	1 46	13 49	1 11	16 50	2 19	24 41	0 56	14 19	2 16	21 47	0 46	23 55	0 25	18 49	0 45	1 27	1 55	6 32			n.a.
S 24	17 9	17 4	4 30	7 8	1 54	13 21	1 10	17 3	2 19	24 40	0 56	14 16	2 16	21 48	0 46	23 55	0 25	18 49	0 45	1 26	1 54	6 30			n.a.
S 25	16 51	18 24	4 56	6 34	2 1	12 53	1 8	17 16	2 19	24 40	0 56	14 14	2 16	21 48	0 46	23 55	0 25	18 49	0 44	1 24	1 52	6 28			n.a.
M26	16 33	18 48	5 7	6 1	2 8	12 24	1 7	17 29	2 19	24 40	0 56	14 11	2 16	21 49	0 46	23 54	0 25	18 49	0 44	1 22	1 51	6 26			n.a.
T 27	16 15	18 17	5 4	5 29	2 15	11 56	1 5	17 42	2 19	24 40	0 56	14 9	2 16	21 49	0 46	23 54	0 25	18 49	0 44	1 18	1 50	6 24			n.a.
W28	15 57	16 55	4 46	4 57	2 22	11 27	1 4	17 55	2 18	24 40	0 56	14 6	2 16	21 50	0 46	23 54	0 25	18 49	0 44	1 15	1 49	6 23			n.a.
T 29	15 38	14 49	4 16	4 27	2 28	10 57	1 2	18 8	2 18	24 40	0 56	14 4	2 16	21 50	0 46	23 54	0 25	18 49	0 44	1 11	1 47	6 21			n.a.
F 30	15 19	12 5	3 35	3 58	2 35	10 28	1 0	18 20	2 18	24 40	0 56	14 1	2 16	21 50	0 46	23 54	0 25	18 50	0 44	1 8	1 46	6 19			n.a.
S 31	15n 0	8s53	2n45	3n30	2s41	9n58	0n59	18s33	2s18	24s40	0s56	13n59	2n16	21s51	0s46	23n54	0n25	18n50	0s44	1s 6	1s45	6s17			n.a.

Julian Day Number = 982004.5, Delta T = 13h12m42s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'56, Lahiri = -31°51'55 Julian Calendar 1 Aug. 2025 BCE == Greg. Calendar 15 July 2025 BCE

The year -2024 astronomical counting style corresponds to year 2025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

SEPTEMBER 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 33 16	21♌19'33	12♓30	16♍ 6	8♍24	14♏42	22°R51	29♌40	27°R22	10♋50	25♉35	2°R38	4♎15	9♓13	n.a.	S 1
M 2	21 37 12	22°19'20	24°17	16°57	9°39	15°23	22♐51	29°47	27♑20	10°51	25°35	2♎36	4°12	9°20	n.a.	M 2
T 3	21 41 9	23°19'10	6♈ 6	17°44	10°54	16° 5	22°50	29°54	27°18	10°53	25°36	2°D35	4° 9	9°26	n.a.	T 3
W 4	21 45 5	24°19'01	17°58	18°28	12° 9	16°46	22°50	0♍ 1	27°16	10°55	25°36	2°36	4° 6	9°33	n.a.	W 4
T 5	21 49 2	25°18'56	29°59	19° 7	13°23	17°28	22°D49	0° 8	27°14	10°57	25°36	2°38	4° 2	9°40	n.a.	T 5
F 6	21 52 59	26°18'52	12♉14	19°42	14°38	18°10	22°49	0°15	27°12	10°58	25°36	2°40	3°59	9°46	n.a.	F 6
S 7	21 56 55	27°18'51	24°46	20°11	15°53	18°52	22°50	0°23	27°10	11° 0	25°36	2°R41	3°56	9°53	n.a.	S 7
S 8	22 0 52	28°18'53	7♊40	20°33	17° 8	19°34	22°50	0°30	27° 8	11° 2	25°37	2°40	3°53	10° 0	n.a.	S 8
M 9	22 4 48	29°18'57	21° 1	20°50	18°23	20°16	22°51	0°37	27° 6	11° 3	25°37	2°38	3°50	10° 6	n.a.	M 9
T 10	22 8 45	0♍19'03	4♋50	20°59	19°38	20°58	22°51	0°44	27° 4	11° 5	25°37	2°35	3°47	10°13	n.a.	T 10
W11	22 12 41	1°19'11	19° 7	21°R 1	20°52	21°40	22°53	0°51	27° 2	11° 6	25°37	2°31	3°43	10°20	n.a.	W11
T 12	22 16 38	2°19'22	3♌50	20°55	22° 7	22°23	22°54	0°58	27° 0	11° 8	25°37	2°26	3°40	10°26	n.a.	T 12
F 13	22 20 34	3°19'35	18°53	20°39	23°22	23° 5	22°55	1° 5	26°59	11°10	25°R37	2°22	3°37	10°33	n.a.	F 13
S 14	22 24 31	4°19'50	4♍ 6	20°15	24°37	23°48	22°57	1°12	26°57	11°11	25°37	2°19	3°34	10°40	n.a.	S 14
S 15	22 28 28	5°20'07	19°20	19°41	25°52	24°30	22°59	1°19	26°55	11°12	25°37	2°17	3°31	10°46	n.a.	S 15
M16	22 32 24	6°20'26	4♎25	18°58	27° 6	25°13	23° 1	1°27	26°53	11°14	25°37	2°D16	3°27	10°53	n.a.	M16
T 17	22 36 21	7°20'46	19°12	18° 6	28°21	25°56	23° 3	1°34	26°52	11°15	25°37	2°17	3°24	11° 0	n.a.	T 17
W18	22 40 17	8°21'08	3♏36	17° 6	29°36	26°38	23° 5	1°41	26°50	11°17	25°37	2°18	3°21	11° 6	n.a.	W18
T 19	22 44 14	9°21'32	17°34	15°58	0♎51	27°21	23° 8	1°48	26°48	11°18	25°36	2°20	3°18	11°13	n.a.	T 19
F 20	22 48 10	10°21'58	1♐ 7	14°44	2° 5	28° 4	23°11	1°55	26°47	11°19	25°36	2°21	3°15	11°20	n.a.	F 20
S 21	22 52 7	11°22'25	14°15	13°26	3°20	28°47	23°14	2° 2	26°45	11°21	25°36	2°R21	3°12	11°26	n.a.	S 21
S 22	22 56 3	12°22'54	27° 2	12° 7	4°35	29°30	23°17	2° 9	26°44	11°22	25°36	2°20	3° 8	11°33	n.a.	S 22
M23	23 0 0	13°23'24	9♑31	10°49	5°49	0♐14	23°21	2°16	26°42	11°23	25°36	2°19	3° 5	11°40	n.a.	M23
T 24	23 3 56	14°23'56	21°46	9°34	7° 4	0°57	23°24	2°23	26°41	11°25	25°35	2°16	3° 2	11°46	n.a.	T 24
W25	23 7 53	15°24'29	3♒51	8°26	8°19	1°40	23°28	2°30	26°40	11°26	25°35	2°14	2°59	11°53	n.a.	W25
T 26	23 11 50	16°25'04	15°47	7°25	9°33	2°23	23°32	2°37	26°38	11°27	25°35	2°11	2°56	12° 0	n.a.	T 26
F 27	23 15 46	17°25'40	27°39	6°33	10°48	3° 7	23°36	2°44	26°37	11°28	25°34	2° 9	2°52	12° 6	n.a.	F 27
S 28	23 19 43	18°26'18	9♓28	5°53	12° 3	3°50	23°40	2°51	26°36	11°29	25°34	2° 7	2°49	12°13	n.a.	S 28
S 29	23 23 39	19°26'58	21°16	5°24	13°17	4°33	23°45	2°58	26°35	11°30	25°34	2° 6	2°46	12°20	n.a.	S 29
M30	23 27 36	20♍27'39	3♈ 6	5♍ 7	14♎32	5♐17	23♐50	3♍ 5	26♑33	11♋31	25♉33	2°D 6	2♎43	12♓26	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n41	5s21	1n47	3n 3	2s46	9n28	0n57	18s45	2s17	24s39	0s56	13n56	2n16	21s51	0s46	23n54	0n25	18n50	0s44	1s 4	1s43	6s15		n.a.
M 2	14 21	1 38	0 45	2 38	2 52	8 57	0 55	18 58	2 17	24 39	0 56	13 53	2 16	21 52	0 46	23 53	0 25	18 50	0 44	1 3	1 42	6 14		n.a.
T 3	14 1	2n11	0s19	2 14	2 56	8 27	0 53	19 10	2 17	24 39	0 56	13 51	2 16	21 52	0 46	23 53	0 25	18 50	0 44	1 3	1 41	6 12		n.a.
W 4	13 41	5 55	1 23	1 53	3 1	7 56	0 51	19 22	2 16	24 39	0 56	13 48	2 16	21 52	0 46	23 53	0 25	18 50	0 44	1 3	1 40	6 10		n.a.
T 5	13 21	9 27	2 24	1 34	3 5	7 25	0 49	19 34	2 16	24 39	0 56	13 46	2 16	21 53	0 46	23 53	0 25	18 50	0 44	1 4	1 38	6 8		n.a.
F 6	13 0	12 39	3 20	1 18	3 8	6 53	0 47	19 45	2 16	24 39	0 56	13 43	2 16	21 53	0 46	23 53	0 25	18 50	0 44	1 5	1 37	6 6		n.a.
S 7	12 39	15 21	4 7	1 4	3 10	6 22	0 45	19 57	2 15	24 39	0 56	13 41	2 16	21 54	0 46	23 53	0 25	18 50	0 44	1 5	1 36	6 5		n.a.
S 8	12 18	17 22	4 44	0 53	3 11	5 50	0 43	20 8	2 15	24 39	0 56	13 38	2 16	21 54	0 46	23 53	0 25	18 50	0 44	1 5	1 34	6 3		n.a.
M 9	11 57	18 31	5 7	0 46	3 12	5 18	0 41	20 20	2 15	24 39	0 56	13 36	2 16	21 54	0 46	23 53	0 26	18 51	0 44	1 4	1 33	6 1		n.a.
T 10	11 35	18 37	5 13	0 43	3 11	4 47	0 38	20 31	2 14	24 39	0 56	13 33	2 16	21 55	0 46	23 53	0 26	18 51	0 44	1 3	1 32	5 59		n.a.
W11	11 13	17 35	5 0	0 44	3 10	4 14	0 36	20 42	2 14	24 39	0 56	13 30	2 16	21 55	0 46	23 52	0 26	18 51	0 44	1 1	1 31	5 57		n.a.
T 12	10 51	15 21	4 28	0 50	3 6	3 42	0 34	20 53	2 13	24 39	0 55	13 28	2 16	21 55	0 46	23 52	0 26	18 51	0 44	0 59	1 29	5 56		n.a.
F 13	10 29	12 3	3 36	1 0	3 2	3 10	0 32	21 4	2 13	24 39	0 55	13 25	2 16	21 56	0 45	23 52	0 26	18 51	0 44	0 58	1 28	5 54		n.a.
S 14	10 7	7 54	2 29	1 16	2 55	2 38	0 29	21 14	2 12	24 39	0 55	13 23	2 16	21 56	0 45	23 52	0 26	18 51	0 44	0 56	1 27	5 52		n.a.
S 15	9 45	3 13	1 11	1 36	2 47	2 5	0 27	21 24	2 12	24 39	0 55	13 20	2 16	21 56	0 45	23 52	0 26	18 51	0 44	0 55	1 25	5 50		n.a.
M16	9 22	1s37	0n12	2 3	2 37	1 33	0 24	21 35	2 12	24 39	0 55	13 18	2 16	21 57	0 45	23 52	0 26	18 51	0 44	0 55	1 24	5 48		n.a.
T 17	8 59	6 15	1 32	2 34	2 25	1 0	0 22	21 45	2 11	24 39	0 55	13 15	2 16	21 57	0 45	23 52	0 26	18 51	0 43	0 56	1 23	5 47		n.a.
W18	8 36	10 24	2 44	3 11	2 12	0 28	0 20	21 55	2 11	24 39	0 55	13 12	2 16	21 57	0 45	23 52	0 26	18 51	0 43	0 56	1 22	5 45		n.a.
T 19	8 13	13 50	3 45	3 52	1 56	0s 5	0 17	22 4	2 10	24 40	0 55	13 10	2 16	21 58	0 45	23 52	0 26	18 51	0 43	0 57	1 20	5 43		n.a.
F 20	7 50	16 23	4 30	4 37	1 39	0 38	0 14	22 14	2 10	24 40	0 55	13 7	2 16	21 58	0 45	23 51	0 26	18 51	0 43	0 57	1 19	5 41		n.a.
S 21	7 27	18 0	5 0	5 25	1 20	1 10	0 12	22 23	2 9	24 40	0 55	13 5	2 17	21 58	0 45	23 51	0 26	18 51	0 43	0 57	1 18	5 39		n.a.
S 22	7 3	18 39	5 15	6 14	1 0	1 43	0 9	22 32	2 8	24 40	0 55	13 2	2 17	21 58	0 45	23 51	0 26	18 51	0 43	0 57	1 16	5 37		n.a.
M23	6 39	18 22	5 13	7 3	0 40	2 15	0 7	22 41	2 8	24 40	0 55	13 0	2 17	21 59	0 45	23 51	0 26	18 51	0 43	0 56	1 15	5 36		n.a.
T 24	6 16	17 13	4 58	7 51	0 19	2 48	0 4	22 50	2 7	24 40	0 55	12 57	2 17	21 59	0 45	23 51	0 26	18 51	0 43	0 55	1 14	5 34		n.a.
W25	5 52	15 19	4 29	8 36	0n 1	3 20	0 2	22 59	2 7	24 40	0 55	12 55	2 17	21 59	0 45	23 51	0 26	18 51	0 43	0 54	1 13	5 32		n.a.
T 26	5 28	12 47	3 49	9 17	0 21	3 53	0s 1	23 7	2 6	24 40	0 55	12 52	2 17	21 59	0 45	23 51	0 26	18 51	0 43	0 53	1 11	5 30		n.a.
F 27	5 4	9 44	3 0	9 54	0 40	4 25	0 4	23 15	2 6	24 41	0 55	12 50	2 17	22 0	0 45	23 51	0 26	18 51	0 43	0 52	1 10	5 28		n.a.
S 28	4 40	6 18	2 2	10 25	0 57	4 57	0 6	23 23	2 5	24 41	0 55	12 47	2 17	22 0	0 45	23 51	0 26	18 51	0 43	0 51	1 9	5 27		n.a.
S 29	4 15	2 37	1 0	10 50	1 12	5 29	0 9	23 31	2 4	24 41	0 55	12 45	2 17	22 0	0 45	23 51	0 26	18 51	0 43	0 51	1 7	5 25		n.a.
M30	3n51	1n10	0s 6	11n10	1n26	6s 1	0s12	23s39	2s 4	24s41	0s54	12n42	2n17	22s 0	0s45	23n51	0n26	18n51	0s43	0s51	1s 6	5s23		n.a.

Julian Day Number = 982035.5, Delta T = 13h12m40s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'51, Lahiri = -31°51'51 Julian Calendar 1 Sept. 2025 BCE == Greg. Calendar 15 Aug. 2025 BCE

The year -2024 astronomical counting style corresponds to year 2025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

OCTOBER 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 31 32	21♍28'22	15♈ 0	5°D 1	15♎47	6♐ 0	23♐55	3♍12	26°R32	11♋32	25°R33	2♎ 6	2♎40	12♓33	n.a.	T 1
W 2	23 35 29	22°29'06	26°59	5♍ 7	17° 1	6°44	24° 0	3°19	26♏31	11°33	25♉32	2° 7	2°37	12°40	n.a.	W 2
T 3	23 39 25	23°29'53	9♉ 8	5°23	18°16	7°27	24° 5	3°25	26°30	11°34	25°32	2° 8	2°33	12°46	n.a.	T 3
F 4	23 43 22	24°30'41	21°27	5°49	19°30	8°11	24°10	3°32	26°29	11°35	25°31	2° 8	2°30	12°53	n.a.	F 4
S 5	23 47 18	25°31'30	4♊ 2	6°23	20°45	8°55	24°16	3°39	26°28	11°36	25°31	2° 9	2°27	12°59	n.a.	S 5
S 6	23 51 15	26°32'22	16°55	7° 6	21°59	9°38	24°22	3°46	26°28	11°37	25°30	2°10	2°24	13° 6	n.a.	S 6
M 7	23 55 12	27°33'15	0♋ 9	7°55	23°14	10°22	24°28	3°52	26°27	11°38	25°30	2°R10	2°21	13°13	n.a.	M 7
T 8	23 59 8	28°34'10	13°47	8°51	24°28	11° 6	24°34	3°59	26°26	11°39	25°29	2° 9	2°18	13°19	n.a.	T 8
W 9	0 3 5	29°35'07	27°50	9°52	25°43	11°50	24°40	4° 6	26°25	11°39	25°28	2° 9	2°14	13°26	n.a.	W 9
T 10	0 7 1	0♎36'05	12♌16	10°58	26°57	12°34	24°47	4°12	26°25	11°40	25°28	2° 9	2°11	13°33	n.a.	T 10
F 11	0 10 58	1°37'05	27° 4	12° 7	28°12	13°17	24°53	4°19	26°24	11°41	25°27	2° 9	2° 8	13°39	n.a.	F 11
S 12	0 14 54	2°38'06	12♍ 6	13°20	29°26	14° 1	25° 0	4°26	26°23	11°42	25°26	2°D 9	2° 5	13°46	n.a.	S 12
S 13	0 18 51	3°39'09	27°15	14°37	0♏41	14°45	25° 7	4°32	26°23	11°42	25°26	2°R 9	2° 2	13°53	n.a.	S 13
M14	0 22 47	4°40'12	12♎22	15°55	1°55	15°29	25°14	4°39	26°22	11°43	25°25	2° 9	1°58	13°59	n.a.	M14
T 15	0 26 44	5°41'17	27°17	17°16	3° 9	16°13	25°21	4°45	26°22	11°43	25°24	2° 9	1°55	14° 6	n.a.	T 15
W16	0 30 41	6°42'23	11♏52	18°39	4°24	16°57	25°29	4°52	26°22	11°44	25°23	2° 8	1°52	14°13	n.a.	W16
T 17	0 34 37	7°43'30	26° 3	20° 4	5°38	17°41	25°36	4°58	26°21	11°44	25°23	2° 8	1°49	14°19	n.a.	T 17
F 18	0 38 34	8°44'38	9♐47	21°29	6°52	18°25	25°44	5° 4	26°21	11°45	25°22	2° 7	1°46	14°26	n.a.	F 18
S 19	0 42 30	9°45'46	23° 4	22°56	8° 7	19° 9	25°52	5°11	26°21	11°45	25°21	2° 6	1°43	14°33	n.a.	S 19
S 20	0 46 27	10°46'55	5♑55	24°24	9°21	19°54	26° 0	5°17	26°21	11°46	25°20	2°D 6	1°39	14°39	n.a.	S 20
M21	0 50 23	11°48'05	18°25	25°52	10°35	20°38	26° 8	5°23	26°20	11°46	25°19	2° 6	1°36	14°46	n.a.	M21
T 22	0 54 20	12°49'16	0♒38	27°22	11°50	21°22	26°16	5°29	26°20	11°46	25°18	2° 7	1°33	14°53	n.a.	T 22
W23	0 58 16	13°50'27	12°38	28°51	13° 4	22° 6	26°25	5°35	26°D20	11°47	25°18	2° 8	1°30	14°59	n.a.	W23
T 24	1 2 13	14°51'38	24°30	0♎22	14°18	22°50	26°34	5°41	26°20	11°47	25°17	2° 9	1°27	15° 6	n.a.	T 24
F 25	1 6 10	15°52'50	6♓18	1°52	15°32	23°34	26°42	5°47	26°20	11°47	25°16	2°10	1°24	15°13	n.a.	F 25
S 26	1 10 6	16°54'03	18° 6	3°23	16°46	24°18	26°51	5°53	26°21	11°47	25°15	2°11	1°20	15°19	n.a.	S 26
S 27	1 14 3	17°55'16	29°56	4°55	18° 0	25° 2	27° 0	5°59	26°21	11°48	25°14	2°R12	1°17	15°26	n.a.	S 27
M28	1 17 59	18°56'30	11♈52	6°26	19°14	25°47	27° 9	6° 5	26°21	11°48	25°13	2°11	1°14	15°32	n.a.	M28
T 29	1 21 56	19°57'45	23°55	7°58	20°29	26°31	27°19	6°11	26°21	11°48	25°12	2°10	1°11	15°39	n.a.	T 29
W30	1 25 52	20°59'00	6♉ 8	9°30	21°43	27°15	27°28	6°17	26°22	11°48	25°11	2° 8	1° 8	15°46	n.a.	W30
T 31	1 29 49	22♎ 0'16	18♉31	11♎ 2	22♏57	27♐59	27♐38	6♍22	26♏22	11°R48	25♉10	2♎ 5	1♎ 4	15♓52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	3n27	4n56	1s11	11n23	1n38	6s33	0s14	23s46	2s 3	24s41	0s54	12n40	2n17	22s 0	0s45	23n51	0n26	18n51	0s43	0s51	1s 5	5s21			n.a.
W 2	3 2	8 32	2 14	11 30	1 49	7 5	0 17	23 53	2 3	24 41	0 54	12 37	2 17	22 1	0 45	23 51	0 26	18 51	0 43	0 51	1 3	5 19			n.a.
T 3	2 38	11 48	3 12	11 32	1 58	7 36	0 20	24 0	2 2	24 42	0 54	12 35	2 17	22 1	0 45	23 51	0 26	18 50	0 43	0 52	1 2	5 17			n.a.
F 4	2 13	14 37	4 2	11 29	2 5	8 8	0 23	24 7	2 1	24 42	0 54	12 32	2 18	22 1	0 45	23 50	0 26	18 50	0 43	0 52	1 1	5 16			n.a.
S 5	1 49	16 47	4 41	11 22	2 10	8 39	0 25	24 13	2 1	24 42	0 54	12 30	2 18	22 1	0 45	23 50	0 26	18 50	0 43	0 52	1 0	5 14			n.a.
S 6	1 24	18 10	5 7	11 9	2 14	9 10	0 28	24 19	2 0	24 42	0 54	12 28	2 18	22 1	0 45	23 50	0 26	18 50	0 43	0 53	0 58	5 12			n.a.
M 7	0 59	18 37	5 18	10 53	2 17	9 41	0 31	24 25	1 59	24 42	0 54	12 25	2 18	22 1	0 45	23 50	0 26	18 50	0 43	0 53	0 57	5 10			n.a.
T 8	0 35	18 2	5 12	10 33	2 19	10 11	0 33	24 31	1 59	24 43	0 54	12 23	2 18	22 2	0 45	23 50	0 26	18 50	0 42	0 52	0 56	5 8			n.a.
W 9	0 10	16 20	4 47	10 11	2 20	10 41	0 36	24 37	1 58	24 43	0 54	12 20	2 18	22 2	0 45	23 50	0 26	18 50	0 42	0 52	0 54	5 7			n.a.
T 10	0s15	13 34	4 4	9 45	2 20	11 11	0 39	24 42	1 57	24 43	0 54	12 18	2 18	22 2	0 45	23 50	0 26	18 50	0 42	0 52	0 53	5 5			n.a.
F 11	0 39	9 52	3 3	9 17	2 19	11 41	0 41	24 47	1 57	24 43	0 54	12 16	2 18	22 2	0 45	23 50	0 26	18 50	0 42	0 52	0 52	5 3			n.a.
S 12	1 4	5 29	1 49	8 46	2 17	12 11	0 44	24 52	1 56	24 43	0 54	12 13	2 18	22 2	0 45	23 50	0 26	18 50	0 42	0 52	0 51	5 1			n.a.
S 13	1 29	0 42	0 27	8 14	2 14	12 40	0 47	24 56	1 55	24 44	0 54	12 11	2 19	22 2	0 45	23 50	0 26	18 49	0 42	0 52	0 49	4 59			n.a.
M14	1 54	4s 7	0n57	7 40	2 11	13 9	0 49	25 1	1 55	24 44	0 54	12 9	2 19	22 2	0 45	23 50	0 26	18 49	0 42	0 52	0 48	4 57			n.a.
T 15	2 18	8 37	2 15	7 5	2 8	13 37	0 52	25 5	1 54	24 44	0 54	12 6	2 19	22 2	0 45	23 50	0 26	18 49	0 42	0 52	0 47	4 56			n.a.
W16	2 43	12 29	3 24	6 28	2 4	14 6	0 54	25 9	1 53	24 44	0 54	12 4	2 19	22 2	0 45	23 50	0 26	18 49	0 42	0 52	0 45	4 54			n.a.
T 17	3 7	15 30	4 17	5 50	1 59	14 33	0 57	25 12	1 52	24 45	0 54	12 2	2 19	22 2	0 45	23 50	0 27	18 49	0 42	0 52	0 44	4 52			n.a.
F 18	3 32	17 31	4 54	5 11	1 54	15 1	0 59	25 16	1 52	24 45	0 54	12 0	2 19	22 2	0 45	23 50	0 27	18 49	0 42	0 51	0 43	4 50			n.a.
S 19	3 57	18 31	5 14	4 31	1 49	15 28	1 2	25 19	1 51	24 45	0 53	11 57	2 19	22 2	0 44	23 50	0 27	18 49	0 42	0 51	0 42	4 48			n.a.
S 20	4 21	18 30	5 17	3 51	1 44	15 55	1 4	25 22	1 50	24 45	0 53	11 55	2 20	22 2	0 44	23 50	0 27	18 48	0 42	0 51	0 40	4 46			n.a.
M21	4 45	17 35	5 5	3 10	1 38	16 21	1 7	25 24	1 49	24 45	0 53	11 53	2 20	22 2	0 44	23 50	0 27	18 48	0 42	0 51	0 39	4 45			n.a.
T 22	5 10	15 52	4 40	2 28	1 32	16 47	1 9	25 27	1 49	24 46	0 53	11 51	2 20	22 2	0 44	23 50	0 27	18 48	0 42	0 51	0 38	4 43			n.a.
W23	5 34	13 29	4 2	1 46	1 26	17 12	1 11	25 29	1 48	24 46	0 53	11 49	2 20	22 2	0 44	23 50	0 27	18 48	0 42	0 52	0 36	4 41			n.a.
T 24	5 58	10 34	3 14	1 4	1 20	17 37	1 14	25 31	1 47	24 46	0 53	11 47	2 20	22 2	0 44	23 50	0 27	18 48	0 42	0 52	0 35	4 39			n.a.
F 25	6 22	7 14	2 19	0 22	1 13	18 2	1 16	25 32	1 46	24 46	0 53	11 44	2 20	22 2	0 44	23 50	0 27	18 48	0 42	0 53	0 34	4 37			n.a.
S 26	6 46	3 37	1 17	0s21	1 7	18 26	1 18	25 33	1 46	24 46	0 53	11 42	2 21	22 2	0 44	23 50	0 27	18 47	0 42	0 53	0 33	4 35			n.a.
S 27	7 10	0n10	0 13	1 4	1 0	18 50	1 20	25 35	1 45	24 46	0 53	11 40	2 21	22 2	0 44	23 50	0 27	18 47	0 42	0 53	0 31	4 34			n.a.
M28	7 34	3 58	0s53	1 47	0 54	19 13	1 23	25 35	1 44	24 47	0 53	11 38	2 21	22 2	0 44	23 50	0 27	18 47	0 41	0 53	0 30	4 32			n.a.
T 29	7 57	7 39	1 57	2 30	0 47	19 35	1 25	25 36	1 43	24 47	0 53	11 36	2 21	22 2	0 44	23 50	0 27	18 47	0 41	0 53	0 29	4 30			n.a.
W30	8 21	11 3	2 57	3 13	0 40	19 57	1 27	25 36	1 43	24 47	0 53	11 34	2 21	22 2	0 44	23 50	0 27	18 47	0 41	0 52	0 27	4 28			n.a.
T 31	8s44	14n 1	3s49	3s56	0n34	20s19	1s29	25s36	1s42	24s47	0s53	11n32	2n21	22s 2	0s44	23n50	0n27	18n46	0s41	0s51	0s26	4s26			n.a.

Julian Day Number = 982065.5, Delta T = 13h12m38s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'47, Lahiri = -31°51'47 Julian Calendar 1 Oct. 2025 BCE == Greg. Calendar 14 Sept. 2025 BCE

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

NOVEMBER 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 33 46	23♎ 1'32	1♊ 5	12♎35	24♏11	28♐43	27♐47	6♍28	26♑23	11°R48	25°R 9	2°R 2	1♎ 1	15♓59	n.a.	F 1
S 2	1 37 42	24° 2'49	13°53	14° 7	25°25	29°27	27°57	6°33	26°23	11♋48	25♉ 8	1♎58	0°58	16° 6	n.a.	S 2
S 3	1 41 39	25° 4'07	26°54	15°40	26°38	0♑12	28° 7	6°39	26°24	11°48	25° 7	1°55	0°55	16°12	n.a.	S 3
M 4	1 45 35	26° 5'25	10♋11	17°13	27°52	0°56	28°17	6°44	26°24	11°48	25° 5	1°53	0°52	16°19	n.a.	M 4
T 5	1 49 32	27° 6'44	23°44	18°46	29° 6	1°40	28°27	6°50	26°25	11°47	25° 4	1°D52	0°49	16°26	n.a.	T 5
W 6	1 53 28	28° 8'04	7♌35	20°20	0♐20	2°24	28°38	6°55	26°26	11°47	25° 3	1°53	0°45	16°32	n.a.	W 6
T 7	1 57 25	29° 9'24	21°43	21°53	1°34	3° 8	28°48	7° 0	26°26	11°47	25° 2	1°54	0°42	16°39	n.a.	T 7
F 8	2 1 21	0♏10'45	6♍ 8	23°27	2°48	3°52	28°58	7° 6	26°27	11°47	25° 1	1°55	0°39	16°46	n.a.	F 8
S 9	2 5 18	1°12'06	20°46	25° 1	4° 1	4°36	29° 9	7°11	26°28	11°46	25° 0	1°57	0°36	16°52	n.a.	S 9
S 10	2 9 15	2°13'28	5♎33	26°35	5°15	5°21	29°20	7°16	26°29	11°46	24°59	1°R57	0°33	16°59	n.a.	S 10
M11	2 13 11	3°14'49	20°23	28° 9	6°29	6° 5	29°31	7°21	26°30	11°46	24°57	1°56	0°29	17° 6	n.a.	M11
T 12	2 17 8	4°16'11	5♏ 8	29°43	7°42	6°49	29°42	7°26	26°31	11°45	24°56	1°53	0°26	17°12	n.a.	T 12
W13	2 21 4	5°17'33	19°40	1♏18	8°56	7°33	29°53	7°30	26°32	11°45	24°55	1°48	0°23	17°19	n.a.	W13
T 14	2 25 1	6°18'55	3♐53	2°53	10°10	8°17	0♑ 4	7°35	26°33	11°45	24°54	1°43	0°20	17°26	n.a.	T 14
F 15	2 28 57	7°20'17	17°43	4°29	11°23	9° 1	0°15	7°40	26°34	11°44	24°53	1°37	0°17	17°32	n.a.	F 15
S 16	2 32 54	8°21'38	1♑ 6	6° 4	12°37	9°45	0°26	7°45	26°35	11°44	24°51	1°31	0°14	17°39	n.a.	S 16
S 17	2 36 51	9°22'59	14° 4	7°40	13°50	10°29	0°38	7°49	26°37	11°43	24°50	1°27	0°10	17°45	n.a.	S 17
M18	2 40 47	10°24'20	26°39	9°17	15° 3	11°14	0°50	7°54	26°38	11°42	24°49	1°24	0° 7	17°52	n.a.	M18
T 19	2 44 44	11°25'40	8♒54	10°53	16°17	11°58	1° 1	7°58	26°39	11°42	24°48	1°D23	0° 4	17°59	n.a.	T 19
W20	2 48 40	12°26'59	20°55	12°30	17°30	12°42	1°13	8° 2	26°41	11°41	24°46	1°23	0° 1	18° 5	n.a.	W20
T 21	2 52 37	13°28'18	2♓46	14° 8	18°43	13°26	1°25	8° 7	26°42	11°40	24°45	1°25	29♍58	18°12	n.a.	T 21
F 22	2 56 33	14°29'36	14°33	15°46	19°57	14°10	1°37	8°11	26°44	11°40	24°44	1°26	29°55	18°19	n.a.	F 22
S 23	3 0 30	15°30'53	26°21	17°24	21°10	14°54	1°49	8°15	26°45	11°39	24°43	1°R27	29°51	18°25	n.a.	S 23
S 24	3 4 26	16°32'10	8♈15	19° 2	22°23	15°38	2° 1	8°19	26°47	11°38	24°41	1°27	29°48	18°32	n.a.	S 24
M25	3 8 23	17°33'26	20°17	20°41	23°36	16°22	2°13	8°23	26°48	11°37	24°40	1°25	29°45	18°39	n.a.	M25
T 26	3 12 20	18°34'42	2♉31	22°21	24°49	17° 6	2°25	8°26	26°50	11°37	24°39	1°21	29°42	18°45	n.a.	T 26
W27	3 16 16	19°35'57	14°58	24° 0	26° 2	17°50	2°38	8°30	26°52	11°36	24°38	1°14	29°39	18°52	n.a.	W27
T 28	3 20 13	20°37'11	27°40	25°41	27°14	18°33	2°50	8°34	26°54	11°35	24°36	1° 6	29°35	18°59	n.a.	T 28
F 29	3 24 9	21°38'25	10♊36	27°21	28°27	19°17	3° 2	8°37	26°55	11°34	24°35	0°57	29°32	19° 5	n.a.	F 29
S 30	3 28 6	22♏39'38	23♊46	29♏ 2	29♐40	20♑ 1	3♑15	8♍41	26♑57	11♋33	24♉34	0♎47	29♍29	19♓12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s 8	16n23	4s31	4s39	0n27	20s39	1s31	25s36	1s41	24s47	0s53	11n30	2n22	22s 1	0s44	23n50	0n27	18n46	0s41	0s49	0s25	4s24		n.a.
S 2	9 31	17 58	5 0	5 22	0 20	21 0	1 33	25 36	1 40	24 47	0 53	11 28	2 22	22 1	0 44	23 50	0 27	18 46	0 41	0 48	0 24	4 23		n.a.
S 3	9 54	18 39	5 14	6 5	0 13	21 20	1 34	25 35	1 39	24 47	0 53	11 26	2 22	22 1	0 44	23 50	0 27	18 46	0 41	0 47	0 22	4 21		n.a.
M 4	10 16	18 21	5 12	6 48	0 7	21 39	1 36	25 34	1 39	24 48	0 53	11 25	2 22	22 1	0 44	23 50	0 27	18 46	0 41	0 46	0 21	4 19		n.a.
T 5	10 39	16 59	4 53	7 30	0 0	21 57	1 38	25 33	1 38	24 48	0 53	11 23	2 22	22 1	0 44	23 50	0 27	18 45	0 41	0 46	0 20	4 17		n.a.
W 6	11 1	14 37	4 16	8 12	0s 7	22 15	1 40	25 31	1 37	24 48	0 53	11 21	2 23	22 1	0 44	23 50	0 27	18 45	0 41	0 46	0 18	4 15		n.a.
T 7	11 24	11 21	3 23	8 54	0 13	22 32	1 41	25 29	1 36	24 48	0 53	11 19	2 23	22 0	0 44	23 50	0 27	18 45	0 41	0 46	0 17	4 13		n.a.
F 8	11 46	7 19	2 17	9 35	0 20	22 49	1 43	25 27	1 35	24 48	0 53	11 17	2 23	22 0	0 44	23 50	0 27	18 45	0 41	0 47	0 16	4 12		n.a.
S 9	12 8	2 48	1 1	10 16	0 26	23 5	1 44	25 25	1 35	24 48	0 53	11 15	2 23	22 0	0 44	23 50	0 27	18 45	0 41	0 47	0 15	4 10		n.a.
S 10	12 29	1s57	0n20	10 57	0 32	23 20	1 46	25 22	1 34	24 48	0 53	11 14	2 23	22 0	0 44	23 51	0 27	18 44	0 41	0 47	0 13	4 8		n.a.
M11	12 51	6 35	1 39	11 37	0 38	23 35	1 47	25 20	1 33	24 48	0 53	11 12	2 24	22 0	0 44	23 51	0 27	18 44	0 41	0 47	0 12	4 6		n.a.
T 12	13 12	10 48	2 52	12 17	0 44	23 49	1 48	25 17	1 32	24 48	0 53	11 10	2 24	21 59	0 44	23 51	0 27	18 44	0 41	0 46	0 11	4 4		n.a.
W13	13 33	14 17	3 52	12 57	0 50	24 2	1 49	25 13	1 31	24 48	0 53	11 9	2 24	21 59	0 44	23 51	0 27	18 44	0 41	0 44	0 9	4 2		n.a.
T 14	13 54	16 50	4 36	13 36	0 56	24 15	1 51	25 10	1 30	24 48	0 53	11 7	2 24	21 59	0 44	23 51	0 27	18 43	0 40	0 42	0 8	4 0		n.a.
F 15	14 14	18 19	5 3	14 14	1 2	24 27	1 52	25 6	1 30	24 48	0 52	11 6	2 25	21 59	0 44	23 51	0 27	18 43	0 40	0 39	0 7	3 59		n.a.
S 16	14 35	18 43	5 12	14 52	1 7	24 38	1 53	25 2	1 29	24 48	0 52	11 4	2 25	21 58	0 44	23 51	0 27	18 43	0 40	0 37	0 6	3 57		n.a.
S 17	14 55	18 7	5 4	15 29	1 12	24 48	1 53	24 58	1 28	24 48	0 52	11 2	2 25	21 58	0 43	23 51	0 27	18 43	0 40	0 35	0 4	3 55		n.a.
M18	15 14	16 38	4 42	16 6	1 18	24 58	1 54	24 53	1 27	24 48	0 52	11 1	2 25	21 58	0 43	23 51	0 27	18 42	0 40	0 34	0 3	3 53		n.a.
T 19	15 34	14 25	4 8	16 42	1 23	25 6	1 55	24 48	1 26	24 48	0 52	10 59	2 25	21 58	0 43	23 51	0 27	18 42	0 40	0 34	0 2	3 51		n.a.
W20	15 53	11 37	3 23	17 17	1 27	25 15	1 56	24 43	1 25	24 48	0 52	10 58	2 26	21 57	0 43	23 51	0 27	18 42	0 40	0 34	0 0	3 49		n.a.
T 21	16 12	8 22	2 30	17 51	1 32	25 22	1 56	24 38	1 25	24 47	0 52	10 57	2 26	21 57	0 43	23 51	0 27	18 42	0 40	0 34	0n 1	3 48		n.a.
F 22	16 31	4 49	1 31	18 25	1 36	25 29	1 57	24 32	1 24	24 47	0 52	10 55	2 26	21 57	0 43	23 51	0 28	18 41	0 40	0 35	0 2	3 46		n.a.
S 23	16 49	1 3	0 28	18 58	1 40	25 34	1 57	24 27	1 23	24 47	0 52	10 54	2 26	21 56	0 43	23 52	0 28	18 41	0 40	0 35	0 4	3 44		n.a.
S 24	17 7	2n46	0s37	19 29	1 44	25 39	1 58	24 21	1 22	24 47	0 52	10 53	2 27	21 56	0 43	23 52	0 28	18 41	0 40	0 35	0 5	3 42		n.a.
M25	17 25	6 32	1 40	20 0	1 47	25 44	1 58	24 15	1 21	24 47	0 52	10 51	2 27	21 56	0 43	23 52	0 28	18 41	0 40	0 35	0 6	3 40		n.a.
T 26	17 42	10 5	2 40	20 30	1 50	25 47	1 58	24 8	1 20	24 46	0 52	10 50	2 27	21 55	0 43	23 52	0 28	18 40	0 40	0 33	0 7	3 38		n.a.
W27	17 59	13 16	3 33	20 59	1 53	25 50	1 58	24 1	1 20	24 46	0 52	10 49	2 27	21 55	0 43	23 52	0 28	18 40	0 40	0 30	0 9	3 36		n.a.
T 28	18 16	15 53	4 16	21 26	1 56	25 52	1 58	23 54	1 19	24 46	0 52	10 48	2 28	21 54	0 43	23 52	0 28	18 40	0 40	0 27	0 10	3 35		n.a.
F 29	18 32	17 45	4 48	21 52	1 58	25 53	1 58	23 47	1 18	24 46	0 52	10 47	2 28	21 54	0 43	23 52	0 28	18 40	0 40	0 23	0 11	3 33		n.a.
S 30	18s49	18n43	5s 4	22s17	1s59	25s53	1s58	23s40	1s17	24s45	0s52	10n46	2n28	21s54	0s43	23n52	0n28	18n39	0s40	0s19	0n13	3s31		n.a.

Julian Day Number = 982096.5, Delta T = 13h12m36s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'43, Lahiri = -31°51'43 Julian Calendar 1 Nov. 2025 BCE == Greg. Calendar 15 Oct. 2025 BCE

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ASTRODIENST EPHEMERIS for the year 2025 BCE
geocentric

DECEMBER 2025 BCE (-2024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 32 2	23♏40'51	7♋ 8	0♐44	0♑53	20♑45	3♑28	8♍44	26♑59	11°R32	24°R32	0°R39	29♍26	19♓19	n.a.	S 1
M 2	3 35 59	24°42'03	20°40	2°25	2° 5	21°29	3°40	8°48	27° 1	11♋31	24♉31	0♎32	29°23	19°25	n.a.	M 2
T 3	3 39 56	25°43'15	4♌22	4° 7	3°18	22°13	3°53	8°51	27° 3	11°30	24°30	0°27	29°20	19°32	n.a.	T 3
W 4	3 43 52	26°44'26	18°14	5°49	4°30	22°56	4° 6	8°54	27° 5	11°29	24°29	0°25	29°16	19°39	n.a.	W 4
T 5	3 47 49	27°45'36	2♍14	7°32	5°43	23°40	4°19	8°57	27° 7	11°28	24°27	0°D25	29°13	19°45	n.a.	T 5
F 6	3 51 45	28°46'46	16°22	9°14	6°55	24°24	4°32	9° 0	27° 9	11°27	24°26	0°25	29°10	19°52	n.a.	F 6
S 7	3 55 42	29°47'55	0♎37	10°56	8° 7	25° 7	4°45	9° 3	27°11	11°26	24°25	0°R26	29° 7	19°58	n.a.	S 7
S 8	3 59 38	0♐49'03	14°57	12°38	9°19	25°51	4°58	9° 6	27°14	11°24	24°23	0°25	29° 4	20° 5	n.a.	S 8
M 9	4 3 35	1°50'11	29°19	14°20	10°31	26°35	5°11	9° 8	27°16	11°23	24°22	0°22	29° 0	20°12	n.a.	M 9
T 10	4 7 31	2°51'17	13♏39	16° 1	11°43	27°18	5°24	9°11	27°18	11°22	24°21	0°16	28°57	20°18	n.a.	T 10
W11	4 11 28	3°52'23	27°52	17°41	12°55	28° 2	5°38	9°13	27°20	11°21	24°20	0° 7	28°54	20°25	n.a.	W11
T 12	4 15 25	4°53'28	11♐51	19°21	14° 7	28°45	5°51	9°16	27°23	11°20	24°18	29♍56	28°51	20°32	n.a.	T 12
F 13	4 19 21	5°54'31	25°32	20°59	15°19	29°29	6° 5	9°18	27°25	11°18	24°17	29°45	28°48	20°38	n.a.	F 13
S 14	4 23 18	6°55'34	8♑52	22°35	16°31	0♒13	6°18	9°20	27°28	11°17	24°16	29°33	28°45	20°45	n.a.	S 14
S 15	4 27 14	7°56'34	21°50	24° 9	17°42	0°56	6°32	9°22	27°30	11°16	24°15	29°23	28°41	20°52	n.a.	S 15
M16	4 31 11	8°57'34	4♒26	25°40	18°54	1°39	6°45	9°24	27°33	11°14	24°13	29°16	28°38	20°58	n.a.	M16
T 17	4 35 7	9°58'31	16°44	27° 8	20° 5	2°23	6°59	9°26	27°35	11°13	24°12	29°11	28°35	21° 5	n.a.	T 17
W18	4 39 4	10°59'27	28°46	28°33	21°16	3° 6	7°12	9°28	27°38	11°12	24°11	29° 8	28°32	21°12	n.a.	W18
T 19	4 43 1	12° 0'22	10♓38	29°53	22°27	3°50	7°26	9°29	27°40	11°10	24°10	29°D 7	28°29	21°18	n.a.	T 19
F 20	4 46 57	13° 1'14	22°26	1♑ 8	23°38	4°33	7°40	9°31	27°43	11° 9	24° 8	29° 8	28°26	21°25	n.a.	F 20
S 21	4 50 54	14° 2'05	4♈14	2°17	24°49	5°16	7°54	9°33	27°46	11° 7	24° 7	29°R 8	28°22	21°32	n.a.	S 21
S 22	4 54 50	15° 2'55	16°10	3°19	26° 0	6° 0	8° 7	9°34	27°48	11° 6	24° 6	29° 6	28°19	21°38	n.a.	S 22
M23	4 58 47	16° 3'42	28°16	4°14	27°11	6°43	8°21	9°35	27°51	11° 4	24° 5	29° 3	28°16	21°45	n.a.	M23
T 24	5 2 43	17° 4'28	10♉37	5° 1	28°21	7°26	8°35	9°36	27°54	11° 3	24° 4	28°57	28°13	21°51	n.a.	T 24
W25	5 6 40	18° 5'12	23°17	5°39	29°32	8° 9	8°49	9°37	27°56	11° 1	24° 2	28°48	28°10	21°58	n.a.	W25
T 26	5 10 36	19° 5'55	6♊16	6° 8	0♒42	8°52	9° 3	9°38	27°59	11° 0	24° 1	28°36	28° 6	22° 5	n.a.	T 26
F 27	5 14 33	20° 6'35	19°34	6°26	1°52	9°35	9°17	9°39	28° 2	10°58	24° 0	28°24	28° 3	22°11	n.a.	F 27
S 28	5 18 30	21° 7'15	3♋ 8	6°R34	3° 2	10°18	9°31	9°40	28° 5	10°57	23°59	28°11	28° 0	22°18	n.a.	S 28
S 29	5 22 26	22° 7'52	16°57	6°31	4°12	11° 1	9°45	9°41	28° 8	10°55	23°58	27°59	27°57	22°25	n.a.	S 29
M30	5 26 23	23° 8'28	0♌55	6°18	5°22	11°44	9°59	9°41	28°11	10°54	23°57	27°49	27°54	22°31	n.a.	M30
T 31	5 30 19	24♐ 9'02	14♌59	5♑54	6♒31	12♒27	10♑13	9♍42	28♑14	10♋52	23♉56	27♍42	27♍51	22♓38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19s 4	18n40	5s 5	22s41	2s 1	25s53	1s58	23s32	1s16	24s45	0s52	10n44	2n28	21s53	0s43	23n52	0n28	18n39	0s39	0s16	0n14	3s29			n.a.
M 2	19 20	17 33	4 48	23 3	2 2	25 52	1 57	23 25	1 15	24 45	0 52	10 43	2 29	21 53	0 43	23 52	0 28	18 39	0 39	0 13	0 15	3 27			n.a.
T 3	19 35	15 26	4 15	23 24	2 2	25 50	1 57	23 17	1 14	24 44	0 52	10 42	2 29	21 52	0 43	23 53	0 28	18 39	0 39	0 11	0 16	3 25			n.a.
W 4	19 49	12 24	3 26	23 43	2 2	25 47	1 56	23 8	1 14	24 44	0 52	10 41	2 29	21 52	0 43	23 53	0 28	18 38	0 39	0 10	0 18	3 23			n.a.
T 5	20 4	8 38	2 25	24 0	2 1	25 43	1 56	23 0	1 13	24 43	0 52	10 41	2 29	21 52	0 43	23 53	0 28	18 38	0 39	0 10	0 19	3 22			n.a.
F 6	20 17	4 21	1 15	24 16	2 0	25 39	1 55	22 51	1 12	24 43	0 52	10 40	2 30	21 51	0 43	23 53	0 28	18 38	0 39	0 10	0 20	3 20			n.a.
S 7	20 31	0s14	0n 1	24 30	1 59	25 34	1 54	22 42	1 11	24 43	0 52	10 39	2 30	21 51	0 43	23 53	0 28	18 38	0 39	0 11	0 22	3 18			n.a.
S 8	20 44	4 50	1 17	24 41	1 56	25 28	1 53	22 33	1 10	24 42	0 52	10 38	2 30	21 50	0 43	23 53	0 28	18 37	0 39	0 10	0 23	3 16			n.a.
M 9	20 57	9 9	2 28	24 51	1 53	25 22	1 52	22 24	1 9	24 42	0 52	10 37	2 31	21 50	0 43	23 53	0 28	18 37	0 39	0 9	0 24	3 14			n.a.
T 10	21 9	12 56	3 29	24 59	1 50	25 14	1 51	22 14	1 9	24 41	0 52	10 36	2 31	21 49	0 43	23 53	0 28	18 37	0 39	0 6	0 25	3 12			n.a.
W11	21 21	15 55	4 17	25 5	1 45	25 6	1 50	22 5	1 8	24 40	0 52	10 36	2 31	21 49	0 43	23 54	0 28	18 36	0 39	0 3	0 27	3 10			n.a.
T 12	21 33	17 54	4 48	25 9	1 40	24 57	1 49	21 55	1 7	24 40	0 52	10 35	2 31	21 48	0 43	23 54	0 28	18 36	0 39	0n 1	0 28	3 9			n.a.
F 13	21 44	18 49	5 2	25 10	1 34	24 48	1 47	21 45	1 6	24 39	0 52	10 34	2 32	21 48	0 43	23 54	0 28	18 36	0 39	0 6	0 29	3 7			n.a.
S 14	21 54	18 39	4 59	25 10	1 27	24 38	1 46	21 35	1 5	24 39	0 52	10 34	2 32	21 47	0 43	23 54	0 28	18 36	0 39	0 11	0 31	3 5			n.a.
S 15	22 5	17 30	4 41	25 7	1 19	24 27	1 44	21 24	1 4	24 38	0 52	10 33	2 32	21 47	0 43	23 54	0 28	18 35	0 39	0 15	0 32	3 3			n.a.
M16	22 14	15 31	4 9	25 2	1 11	24 15	1 42	21 13	1 4	24 37	0 52	10 33	2 32	21 46	0 43	23 54	0 28	18 35	0 38	0 18	0 33	3 1			n.a.
T 17	22 24	12 53	3 26	24 55	1 1	24 3	1 41	21 3	1 3	24 37	0 53	10 32	2 33	21 46	0 43	23 54	0 28	18 35	0 38	0 20	0 34	2 59			n.a.
W18	22 33	9 44	2 34	24 45	0 50	23 50	1 39	20 52	1 2	24 36	0 53	10 32	2 33	21 45	0 43	23 55	0 28	18 35	0 38	0 21	0 36	2 57			n.a.
T 19	22 41	6 14	1 37	24 34	0 39	23 36	1 37	20 40	1 1	24 35	0 53	10 32	2 33	21 45	0 43	23 55	0 28	18 35	0 38	0 21	0 37	2 56			n.a.
F 20	22 49	2 31	0 36	24 22	0 26	23 22	1 35	20 29	1 0	24 34	0 53	10 31	2 34	21 44	0 43	23 55	0 28	18 34	0 38	0 21	0 38	2 54			n.a.
S 21	22 57	1n18	0s27	24 7	0 13	23 7	1 32	20 18	0 59	24 34	0 53	10 31	2 34	21 43	0 43	23 55	0 28	18 34	0 38	0 21	0 40	2 52			n.a.
S 22	23 4	5 7	1 29	23 51	0n 1	22 51	1 30	20 6	0 59	24 33	0 53	10 31	2 34	21 43	0 43	23 55	0 28	18 34	0 38	0 22	0 41	2 50			n.a.
M23	23 11	8 46	2 28	23 35	0 17	22 35	1 28	19 54	0 58	24 32	0 53	10 30	2 34	21 42	0 43	23 55	0 28	18 34	0 38	0 23	0 42	2 48			n.a.
T 24	23 17	12 8	3 21	23 17	0 33	22 18	1 25	19 42	0 57	24 31	0 53	10 30	2 35	21 42	0 42	23 55	0 28	18 33	0 38	0 26	0 43	2 46			n.a.
W25	23 23	15 1	4 6	22 59	0 49	22 1	1 23	19 30	0 56	24 30	0 53	10 30	2 35	21 41	0 42	23 56	0 28	18 33	0 38	0 29	0 45	2 44			n.a.
T 26	23 28	17 13	4 38	22 40	1 7	21 43	1 20	19 18	0 55	24 29	0 53	10 30	2 35	21 41	0 42	23 56	0 28	18 33	0 38	0 34	0 46	2 42			n.a.
F 27	23 33	18 34	4 57	22 22	1 24	21 24	1 17	19 5	0 54	24 28	0 53	10 30	2 36	21 40	0 42	23 56	0 28	18 33	0 38	0 39	0 47	2 41			n.a.
S 28	23 37	18 54	4 59	22 4	1 42	21 5	1 14	18 52	0 54	24 27	0 53	10 30	2 36	21 39	0 42	23 56	0 28	18 32	0 38	0 44	0 49	2 39			n.a.
S 29	23 41	18 7	4 45	21 46	2 0	20 45	1 11	18 40	0 53	24 26	0 53	10 30	2 36	21 39	0 42	23 56	0 28	18 32	0 38	0 49	0 50	2 37			n.a.
M30	23 44	16 15	4 13	21 29	2 17	20 25	1 8	18 27	0 52	24 25	0 53	10 30	2 36	21 38	0 42	23 56	0 28	18 32	0 37	0 53	0 51	2 35			n.a.
T 31	23s47	13n24	3s25	21s14	2n34	20s 4	1s 5	18s14	0s51	24s24	0s53	10n30	2n37	21s38	0s42	23n56	0n28	18n32	0s37	0n56	0n52	2s33			n.a.

Julian Day Number = 982126.5, Delta T = 13h12m34s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'39, Lahiri = -31°51'39 Julian Calendar 1 Dec. 2025 BCE == Greg. Calendar 14 Nov. 2025 BCE

The year -2024 astronomical counting style corresponds to year 2025 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

JANUARY 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 34 16	25♐ 9'35	29♌ 5	5°R21	7♒41	13♒10	10♑28	9♍42	28♑17	10°R51	23°R55	27°R38	27♍47	22♓45	n.a.	W 1
T 2	5 38 12	26°10'07	13♍12	4♑38	8°50	13°53	10°42	9°42	28°20	10♋49	23♉53	27♍36	27°44	22°51	n.a.	T 2
F 3	5 42 9	27°10'36	27°18	3°48	9°59	14°36	10°56	9°43	28°23	10°47	23°52	27°36	27°41	22°58	n.a.	F 3
S 4	5 46 6	28°11'05	11♎21	2°52	11° 8	15°19	11°10	9°R43	28°26	10°46	23°51	27°36	27°38	23° 5	n.a.	S 4
S 5	5 50 2	29°11'31	25°23	1°50	12°17	16° 2	11°24	9°43	28°29	10°44	23°50	27°34	27°35	23°11	n.a.	S 5
M 6	5 53 59	0♑11'57	9♏20	0°45	13°26	16°44	11°39	9°42	28°32	10°42	23°49	27°30	27°32	23°18	n.a.	M 6
T 7	5 57 55	1°12'20	23°13	29♐38	14°34	17°27	11°53	9°42	28°35	10°41	23°48	27°23	27°28	23°25	n.a.	T 7
W 8	6 1 52	2°12'42	6♐58	28°32	15°42	18°10	12° 7	9°42	28°38	10°39	23°47	27°13	27°25	23°31	n.a.	W 8
T 9	6 5 48	3°13'02	20°33	27°28	16°50	18°52	12°22	9°41	28°41	10°38	23°46	27° 1	27°22	23°38	n.a.	T 9
F 10	6 9 45	4°13'20	3♑54	26°26	17°58	19°35	12°36	9°41	28°44	10°36	23°45	26°48	27°19	23°44	n.a.	F 10
S 11	6 13 41	5°13'37	16°59	25°29	19° 6	20°18	12°50	9°40	28°48	10°34	23°45	26°34	27°16	23°51	n.a.	S 11
S 12	6 17 38	6°13'51	29°47	24°37	20°14	21° 0	13° 5	9°39	28°51	10°33	23°44	26°23	27°12	23°58	n.a.	S 12
M13	6 21 35	7°14'03	12♒17	23°52	21°21	21°43	13°19	9°38	28°54	10°31	23°43	26°13	27° 9	24° 4	n.a.	M13
T 14	6 25 31	8°14'13	24°32	23°13	22°28	22°25	13°34	9°38	28°57	10°29	23°42	26° 7	27° 6	24°11	n.a.	T 14
W15	6 29 28	9°14'20	6♓33	22°40	23°35	23° 8	13°48	9°36	29° 1	10°28	23°41	26° 3	27° 3	24°18	n.a.	W15
T 16	6 33 24	10°14'26	18°25	22°15	24°42	23°50	14° 2	9°35	29° 4	10°26	23°40	26° 1	27° 0	24°24	n.a.	T 16
F 17	6 37 21	11°14'28	0♈13	21°57	25°48	24°32	14°17	9°34	29° 7	10°24	23°39	26°D 1	26°57	24°31	n.a.	F 17
S 18	6 41 17	12°14'29	12° 1	21°46	26°54	25°15	14°31	9°33	29°10	10°23	23°39	26°R 1	26°53	24°38	n.a.	S 18
S 19	6 45 14	13°14'27	23°56	21°D41	28° 0	25°57	14°46	9°31	29°14	10°21	23°38	26° 1	26°50	24°44	n.a.	S 19
M20	6 49 10	14°14'23	6♉ 3	21°43	29° 6	26°39	15° 0	9°30	29°17	10°19	23°37	25°58	26°47	24°51	n.a.	M20
T 21	6 53 7	15°14'17	18°27	21°51	0♓11	27°21	15°14	9°28	29°20	10°18	23°36	25°54	26°44	24°58	n.a.	T 21
W22	6 57 3	16°14'08	1♊12	22° 5	1°16	28° 4	15°29	9°26	29°24	10°16	23°36	25°47	26°41	25° 4	n.a.	W22
T 23	7 1 0	17°13'57	14°20	22°24	2°21	28°46	15°43	9°24	29°27	10°14	23°35	25°37	26°38	25°11	n.a.	T 23
F 24	7 4 57	18°13'43	27°52	22°48	3°26	29°28	15°58	9°23	29°30	10°13	23°34	25°27	26°34	25°17	n.a.	F 24
S 25	7 8 53	19°13'27	11♋46	23°17	4°30	0♓10	16°12	9°21	29°34	10°11	23°34	25°16	26°31	25°24	n.a.	S 25
S 26	7 12 50	20°13'09	25°58	23°51	5°34	0°52	16°26	9°18	29°37	10° 9	23°33	25° 5	26°28	25°31	n.a.	S 26
M27	7 16 46	21°12'49	10♌22	24°29	6°38	1°34	16°41	9°16	29°41	10° 8	23°32	24°57	26°25	25°37	n.a.	M27
T 28	7 20 43	22°12'27	24°53	25°11	7°41	2°16	16°55	9°14	29°44	10° 6	23°32	24°51	26°22	25°44	n.a.	T 28
W29	7 24 39	23°12'03	9♍24	25°57	8°44	2°58	17°10	9°12	29°47	10° 4	23°31	24°48	26°18	25°51	n.a.	W29
T 30	7 28 36	24°11'36	23°51	26°46	9°47	3°39	17°24	9° 9	29°51	10° 3	23°31	24°D47	26°15	25°57	n.a.	T 30
F 31	7 32 32	25♑11'08	8♎ 8	27♐38	10♓49	4♓21	17♑38	9♍ 7	29♑54	10♋ 1	23♉30	24♍47	26♍12	26♓ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23 s50	9n46	2 s25	20 s59	2n50	19 s43	1 s 2	18 s 0	0 s50	24 s23	0 s53	10n30	2n37	21 s37	0 s42	23n57	0n28	18n32	0 s37	0n58	0n54	2 s31			n.a.
T 2	23 52	5 34	1 15	20 46	3 4	19 21	0 59	17 47	0 50	24 22	0 53	10 30	2 37	21 36	0 42	23 57	0 28	18 31	0 37	0 58	0 55	2 29			n.a.
F 3	23 54	1 4	0 2	20 35	3 18	18 59	0 55	17 33	0 49	24 21	0 53	10 30	2 38	21 36	0 42	23 57	0 28	18 31	0 37	0 58	0 56	2 27			n.a.
S 4	23 55	3 s29	1n12	20 25	3 29	18 37	0 52	17 20	0 48	24 20	0 53	10 31	2 38	21 35	0 42	23 57	0 28	18 31	0 37	0 59	0 58	2 26			n.a.
S 5	23 55	7 49	2 21	20 16	3 38	18 14	0 48	17 6	0 47	24 18	0 53	10 31	2 38	21 34	0 42	23 57	0 29	18 31	0 37	0 59	0 59	2 24			n.a.
M 6	23 55	11 43	3 22	20 10	3 46	17 50	0 44	16 52	0 46	24 17	0 53	10 31	2 38	21 34	0 42	23 57	0 29	18 31	0 37	1 1	1 0	2 22			n.a.
T 7	23 55	14 56	4 9	20 5	3 51	17 26	0 41	16 38	0 46	24 16	0 53	10 32	2 39	21 33	0 42	23 58	0 29	18 31	0 37	1 4	1 1	2 20			n.a.
W 8	23 54	17 17	4 42	20 1	3 53	17 2	0 37	16 24	0 45	24 15	0 53	10 32	2 39	21 32	0 42	23 58	0 29	18 30	0 37	1 8	1 3	2 18			n.a.
T 9	23 53	18 37	4 59	20 0	3 54	16 37	0 33	16 10	0 44	24 13	0 53	10 33	2 39	21 32	0 42	23 58	0 29	18 30	0 37	1 13	1 4	2 16			n.a.
F 10	23 51	18 54	4 58	20 0	3 53	16 13	0 29	15 55	0 43	24 12	0 54	10 33	2 40	21 31	0 42	23 58	0 29	18 30	0 37	1 18	1 5	2 14			n.a.
S 11	23 49	18 9	4 42	20 2	3 49	15 47	0 25	15 41	0 42	24 11	0 54	10 33	2 40	21 30	0 42	23 58	0 29	18 30	0 37	1 23	1 7	2 13			n.a.
S 12	23 46	16 30	4 12	20 5	3 44	15 22	0 20	15 26	0 42	24 9	0 54	10 34	2 40	21 30	0 42	23 58	0 29	18 30	0 36	1 28	1 8	2 11			n.a.
M13	23 43	14 6	3 30	20 10	3 37	14 56	0 16	15 12	0 41	24 8	0 54	10 35	2 40	21 29	0 42	23 58	0 29	18 30	0 36	1 32	1 9	2 9			n.a.
T 14	23 40	11 7	2 39	20 16	3 29	14 29	0 12	14 57	0 40	24 7	0 54	10 35	2 41	21 28	0 42	23 59	0 29	18 29	0 36	1 35	1 10	2 7			n.a.
W15	23 36	7 43	1 42	20 24	3 19	14 3	0 7	14 42	0 39	24 5	0 54	10 36	2 41	21 28	0 42	23 59	0 29	18 29	0 36	1 36	1 12	2 5			n.a.
T 16	23 31	4 3	0 40	20 33	3 9	13 36	0 3	14 27	0 38	24 4	0 54	10 37	2 41	21 27	0 42	23 59	0 29	18 29	0 36	1 37	1 13	2 3			n.a.
F 17	23 26	0 15	0 s22	20 43	2 58	13 9	0n 2	14 12	0 38	24 2	0 54	10 37	2 41	21 26	0 42	23 59	0 29	18 29	0 36	1 37	1 14	2 1			n.a.
S 18	23 21	3n33	1 24	20 54	2 46	12 41	0 7	13 57	0 37	24 1	0 54	10 38	2 42	21 25	0 42	23 59	0 29	18 29	0 36	1 37	1 16	1 59			n.a.
S 19	23 15	7 16	2 23	21 5	2 34	12 14	0 11	13 41	0 36	23 59	0 54	10 39	2 42	21 25	0 42	23 59	0 29	18 29	0 36	1 37	1 17	1 58			n.a.
M20	23 9	10 44	3 16	21 18	2 22	11 46	0 16	13 26	0 35	23 58	0 54	10 40	2 42	21 24	0 42	23 59	0 29	18 29	0 36	1 38	1 18	1 56			n.a.
T 21	23 2	13 48	4 1	21 31	2 10	11 18	0 21	13 10	0 35	23 56	0 54	10 41	2 43	21 23	0 42	24 0	0 29	18 28	0 36	1 40	1 19	1 54			n.a.
W22	22 55	16 19	4 36	21 44	1 57	10 50	0 26	12 55	0 34	23 54	0 54	10 42	2 43	21 23	0 42	24 0	0 29	18 28	0 36	1 43	1 21	1 52			n.a.
T 23	22 47	18 4	4 57	21 58	1 44	10 22	0 31	12 39	0 33	23 53	0 55	10 42	2 43	21 22	0 42	24 0	0 29	18 28	0 36	1 46	1 22	1 50			n.a.
F 24	22 39	18 52	5 3	22 12	1 32	9 53	0 36	12 24	0 32	23 51	0 55	10 43	2 43	21 21	0 42	24 0	0 29	18 28	0 36	1 51	1 23	1 48			n.a.
S 25	22 31	18 34	4 51	22 25	1 20	9 25	0 42	12 8	0 31	23 49	0 55	10 44	2 44	21 20	0 42	24 0	0 29	18 28	0 36	1 55	1 25	1 46			n.a.
S 26	22 22	17 7	4 21	22 39	1 7	8 56	0 47	11 52	0 31	23 48	0 55	10 45	2 44	21 20	0 42	24 0	0 29	18 28	0 35	1 59	1 26	1 44			n.a.
M27	22 13	14 34	3 34	22 53	0 55	8 27	0 52	11 36	0 30	23 46	0 55	10 47	2 44	21 19	0 42	24 0	0 29	18 28	0 35	2 3	1 27	1 42			n.a.
T 28	22 3	11 6	2 33	23 6	0 44	7 58	0 57	11 20	0 29	23 44	0 55	10 48	2 44	21 18	0 42	24 1	0 29	18 28	0 35	2 5	1 28	1 41			n.a.
W29	21 53	6 57	1 21	23 19	0 32	7 29	1 3	11 4	0 28	23 42	0 55	10 49	2 45	21 17	0 42	24 1	0 29	18 28	0 35	2 6	1 30	1 39			n.a.
T 30	21 43	2 25	0 5	23 32	0 21	7 0	1 8	10 48	0 28	23 41	0 55	10 50	2 45	21 17	0 42	24 1	0 29	18 28	0 35	2 7	1 31	1 37			n.a.
F 31	21 s32	2 s13	1n11	23 s44	0n10	6 s31	1n14	10 s32	0 s27	23 s39	0 s55	10n51	2n45	21 s16	0 s42	24n 1	0n29	18n28	0 s35	2n 7	1n32	1 s35			n.a.

Julian Day Number = 982157.5, Delta T = 13h12m32s
Ecliptic obliquity = 23°55'26, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'35, Lahiri = -31°51'34 Julian Calendar 1 Jan. 2024 BCE == Greg. Calendar 15 Dec. 2025 BCE

The year -2023 astronomical counting style corresponds to year 2024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

FEBRUARY 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 36 29	26♑10'38	22♎16	28♐33	11♓51	5♓ 3	17♑53	9°R 4	29♑58	10°R 0	23°R30	24°R48	26♍ 9	26♓11	n.a.	S 1
S 2	7 40 25	27°10'06	6♏12	29°32	12°53	5°45	18° 7	9♍ 1	0♒ 1	9♋58	23♉29	24♍48	26° 6	26°17	n.a.	S 2
M 3	7 44 22	28° 9'32	19°57	0♑33	13°54	6°26	18°21	8°59	0° 4	9°56	23°29	24°45	26° 3	26°24	n.a.	M 3
T 4	7 48 19	29° 8'56	3♐30	1°36	14°55	7° 8	18°36	8°56	0° 8	9°55	23°28	24°41	25°59	26°31	n.a.	T 4
W 5	7 52 15	0♒ 8'18	16°52	2°42	15°55	7°50	18°50	8°53	0°11	9°53	23°28	24°34	25°56	26°37	n.a.	W 5
T 6	7 56 12	1° 7'38	0♑ 2	3°50	16°55	8°31	19° 4	8°50	0°15	9°52	23°27	24°26	25°53	26°44	n.a.	T 6
F 7	8 0 8	2° 6'56	12°59	5° 1	17°55	9°13	19°18	8°47	0°18	9°50	23°27	24°16	25°50	26°51	n.a.	F 7
S 8	8 4 5	3° 6'12	25°44	6°14	18°54	9°54	19°33	8°44	0°22	9°49	23°27	24° 7	25°47	26°57	n.a.	S 8
S 9	8 8 1	4° 5'26	8♒15	7°28	19°53	10°36	19°47	8°40	0°25	9°47	23°26	23°58	25°44	27° 4	n.a.	S 9
M10	8 11 58	5° 4'37	20°33	8°45	20°51	11°17	20° 1	8°37	0°28	9°46	23°26	23°51	25°40	27°10	n.a.	M10
T 11	8 15 54	6° 3'46	2♓40	10° 3	21°49	11°59	20°15	8°34	0°32	9°44	23°26	23°47	25°37	27°17	n.a.	T 11
W12	8 19 51	7° 2'53	14°37	11°23	22°46	12°40	20°29	8°30	0°35	9°43	23°26	23°44	25°34	27°24	n.a.	W12
T 13	8 23 47	8° 1'57	26°27	12°45	23°43	13°21	20°43	8°27	0°39	9°41	23°25	23°D44	25°31	27°30	n.a.	T 13
F 14	8 27 44	9° 0'59	8♈14	14° 9	24°39	14° 3	20°57	8°23	0°42	9°40	23°25	23°45	25°28	27°37	n.a.	F 14
S 15	8 31 41	9°59'59	20° 2	15°34	25°35	14°44	21°11	8°19	0°45	9°39	23°25	23°46	25°24	27°44	n.a.	S 15
S 16	8 35 37	10°58'56	1♉56	17° 1	26°30	15°25	21°25	8°16	0°49	9°37	23°25	23°47	25°21	27°50	n.a.	S 16
M17	8 39 34	11°57'50	14° 2	18°30	27°25	16° 6	21°39	8°12	0°52	9°36	23°25	23°R48	25°18	27°57	n.a.	M17
T 18	8 43 30	12°56'42	26°25	20° 0	28°19	16°47	21°53	8° 8	0°55	9°34	23°25	23°47	25°15	28° 4	n.a.	T 18
W19	8 47 27	13°55'32	9♊ 8	21°31	29°12	17°29	22° 7	8° 4	0°59	9°33	23°24	23°44	25°12	28°10	n.a.	W19
T 20	8 51 23	14°54'19	22°16	23° 5	0♈ 5	18°10	22°21	8° 1	1° 2	9°32	23°24	23°40	25° 9	28°17	n.a.	T 20
F 21	8 55 20	15°53'04	5♋51	24°39	0°57	18°51	22°35	7°57	1° 5	9°31	23°24	23°34	25° 5	28°24	n.a.	F 21
S 22	8 59 16	16°51'47	19°52	26°16	1°48	19°32	22°49	7°53	1° 9	9°29	23°D24	23°29	25° 2	28°30	n.a.	S 22
S 23	9 3 13	17°50'27	4♌17	27°54	2°38	20°13	23° 2	7°49	1°12	9°28	23°24	23°23	24°59	28°37	n.a.	S 23
M24	9 7 9	18°49'05	18°59	29°33	3°28	20°53	23°16	7°44	1°15	9°27	23°24	23°19	24°56	28°44	n.a.	M24
T 25	9 11 6	19°47'41	3♍52	1♒14	4°17	21°34	23°30	7°40	1°19	9°26	23°25	23°16	24°53	28°50	n.a.	T 25
W26	9 15 3	20°46'15	18°47	2°57	5° 5	22°15	23°43	7°36	1°22	9°24	23°25	23°D15	24°49	28°57	n.a.	W26
T 27	9 18 59	21°44'46	3♎38	4°41	5°52	22°56	23°57	7°32	1°25	9°23	23°25	23°15	24°46	29° 3	n.a.	T 27
F 28	9 22 56	22♒43'16	18♎16	6♒26	6♈39	23♓37	24♑10	7♍28	1♒28	9♋22	23♉25	23♍16	24♍43	29♓10	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s20	6s39	2n22	23s55	0s 0	6s 2	1n20	10s15	0s26	23s37	0s55	10n52	2n45	21s15	0s42	24n 1	0n29	18n28	0s35	2n 6	1n34	1s33		n.a.
S 2	21 9	10 40	3 23	24 6	0 10	5 33	1 25	9 59	0 25	23 35	0 55	10 54	2 45	21 15	0 42	24 1	0 29	18 28	0 35	2 7	1 35	1 31		n.a.
M 3	20 57	14 3	4 12	24 16	0 20	5 4	1 31	9 43	0 25	23 33	0 56	10 55	2 46	21 14	0 42	24 1	0 29	18 27	0 35	2 7	1 36	1 29		n.a.
T 4	20 45	16 36	4 46	24 25	0 30	4 35	1 37	9 26	0 24	23 31	0 56	10 56	2 46	21 13	0 42	24 2	0 29	18 27	0 35	2 9	1 38	1 27		n.a.
W 5	20 32	18 14	5 3	24 33	0 39	4 6	1 42	9 10	0 23	23 29	0 56	10 58	2 46	21 12	0 42	24 2	0 29	18 27	0 35	2 12	1 39	1 26		n.a.
T 6	20 19	18 51	5 5	24 40	0 48	3 36	1 48	8 53	0 23	23 27	0 56	10 59	2 46	21 12	0 42	24 2	0 29	18 27	0 35	2 15	1 40	1 24		n.a.
F 7	20 5	18 28	4 50	24 45	0 56	3 7	1 54	8 37	0 22	23 26	0 56	11 0	2 47	21 11	0 42	24 2	0 29	18 27	0 35	2 19	1 41	1 22		n.a.
S 8	19 51	17 9	4 21	24 50	1 4	2 38	2 0	8 20	0 21	23 24	0 56	11 2	2 47	21 10	0 42	24 2	0 29	18 27	0 34	2 23	1 43	1 20		n.a.
S 9	19 37	15 2	3 40	24 54	1 11	2 10	2 6	8 3	0 20	23 22	0 56	11 3	2 47	21 9	0 42	24 2	0 29	18 27	0 34	2 27	1 44	1 18		n.a.
M10	19 23	12 15	2 49	24 56	1 19	1 41	2 12	7 47	0 20	23 20	0 56	11 5	2 47	21 9	0 42	24 2	0 29	18 27	0 34	2 29	1 45	1 16		n.a.
T 11	19 8	9 0	1 51	24 57	1 25	1 12	2 18	7 30	0 19	23 18	0 56	11 6	2 47	21 8	0 42	24 2	0 29	18 27	0 34	2 31	1 47	1 14		n.a.
W12	18 53	5 25	0 49	24 57	1 32	0 44	2 24	7 13	0 18	23 15	0 57	11 7	2 47	21 7	0 42	24 2	0 29	18 27	0 34	2 32	1 48	1 12		n.a.
T 13	18 38	1 40	0s15	24 55	1 38	0 15	2 30	6 56	0 18	23 13	0 57	11 9	2 48	21 6	0 42	24 3	0 29	18 27	0 34	2 32	1 49	1 10		n.a.
F 14	18 22	2n 8	1 18	24 52	1 43	0n13	2 36	6 39	0 17	23 11	0 57	11 11	2 48	21 6	0 42	24 3	0 29	18 27	0 34	2 32	1 50	1 9		n.a.
S 15	18 6	5 52	2 18	24 47	1 48	0 41	2 42	6 23	0 16	23 9	0 57	11 12	2 48	21 5	0 42	24 3	0 29	18 27	0 34	2 31	1 52	1 7		n.a.
S 16	17 50	9 23	3 13	24 41	1 53	1 9	2 48	6 6	0 15	23 7	0 57	11 14	2 48	21 4	0 42	24 3	0 29	18 27	0 34	2 31	1 53	1 5		n.a.
M17	17 33	12 34	4 0	24 33	1 57	1 37	2 55	5 49	0 15	23 5	0 57	11 15	2 48	21 3	0 42	24 3	0 29	18 28	0 34	2 31	1 54	1 3		n.a.
T 18	17 16	15 16	4 37	24 23	2 1	2 4	3 1	5 32	0 14	23 3	0 57	11 17	2 49	21 3	0 42	24 3	0 29	18 28	0 34	2 31	1 55	1 1		n.a.
W19	16 59	17 18	5 1	24 12	2 4	2 31	3 7	5 15	0 13	23 1	0 57	11 18	2 49	21 2	0 42	24 3	0 29	18 28	0 34	2 32	1 57	0 59		n.a.
T 20	16 41	18 31	5 11	23 59	2 7	2 58	3 13	4 58	0 13	22 58	0 58	11 20	2 49	21 1	0 42	24 3	0 29	18 28	0 33	2 34	1 58	0 57		n.a.
F 21	16 24	18 44	5 4	23 44	2 9	3 25	3 19	4 41	0 12	22 56	0 58	11 22	2 49	21 0	0 42	24 3	0 29	18 28	0 33	2 36	1 59	0 55		n.a.
S 22	16 6	17 49	4 39	23 28	2 11	3 51	3 25	4 24	0 11	22 54	0 58	11 23	2 49	21 0	0 42	24 4	0 29	18 28	0 33	2 38	2 1	0 54		n.a.
S 23	15 48	15 46	3 56	23 10	2 12	4 17	3 31	4 7	0 11	22 52	0 58	11 25	2 49	20 59	0 42	24 4	0 29	18 28	0 33	2 41	2 2	0 52		n.a.
M24	15 29	12 39	2 56	22 49	2 13	4 43	3 38	3 50	0 10	22 50	0 58	11 27	2 49	20 58	0 42	24 4	0 29	18 28	0 33	2 42	2 3	0 50		n.a.
T 25	15 11	8 41	1 44	22 27	2 14	5 8	3 44	3 33	0 9	22 47	0 58	11 28	2 49	20 57	0 42	24 4	0 29	18 28	0 33	2 44	2 4	0 48		n.a.
W26	14 52	4 9	0 24	22 3	2 13	5 34	3 50	3 16	0 9	22 45	0 58	11 30	2 50	20 57	0 42	24 4	0 29	18 28	0 33	2 44	2 6	0 46		n.a.
T 27	14 32	0s36	0n57	21 38	2 13	5 58	3 56	2 59	0 8	22 43	0 59	11 32	2 50	20 56	0 42	24 4	0 29	18 28	0 33	2 44	2 7	0 44		n.a.
F 28	14s13	5s16	2n13	21s10	2s12	6n22	4n 2	2s42	0s 7	22s41	0s59	11n34	2n50	20s55	0s42	24n 4	0n29	18n28	0s33	2n43	2n 8	0s42		n.a.

Julian Day Number = 982188.5, Delta T = 13h12m30s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'31, Lahiri = -31°51'30 Julian Calendar 1 Feb. 2024 BCE == Greg. Calendar 15 Jan. 2024 BCE

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

MARCH 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 26 52	23♒41'44	2♏38	8♒13	7♈24	24♓17	24♉24	7°R23	1♒32	9°R21	23♉25	23♍18	24♍40	29♓17	n.a.	S 1
S 2	9 30 49	24°40'11	16°42	10° 2	8° 9	24°58	24°37	7♍19	1°35	9♋20	23°25	23°19	24°37	29°23	n.a.	S 2
M 3	9 34 45	25°38'35	0♐27	11°52	8°52	25°39	24°51	7°15	1°38	9°19	23°25	23°R19	24°34	29°30	n.a.	M 3
T 4	9 38 42	26°36'58	13°53	13°44	9°35	26°19	25° 4	7°10	1°41	9°18	23°26	23°18	24°30	29°37	n.a.	T 4
W 5	9 42 38	27°35'19	27° 1	15°38	10°16	27° 0	25°17	7° 6	1°44	9°17	23°26	23°15	24°27	29°43	n.a.	W 5
T 6	9 46 35	28°33'39	9♑54	17°33	10°57	27°41	25°30	7° 2	1°48	9°16	23°26	23°12	24°24	29°50	n.a.	T 6
F 7	9 50 31	29°31'57	22°32	19°30	11°36	28°21	25°44	6°57	1°51	9°15	23°27	23° 9	24°21	29°57	n.a.	F 7
S 8	9 54 28	0♓30'12	4♒57	21°28	12°14	29° 2	25°57	6°53	1°54	9°14	23°27	23° 5	24°18	0♈ 3	n.a.	S 8
S 9	9 58 25	1°28'26	17°12	23°28	12°51	29°42	26°10	6°48	1°57	9°13	23°27	23° 2	24°15	0°10	n.a.	S 9
M10	10 2 21	2°26'38	29°17	25°29	13°27	0♈23	26°23	6°44	2° 0	9°12	23°28	22°59	24°11	0°17	n.a.	M10
T 11	10 6 18	3°24'49	11♓14	27°31	14° 1	1° 3	26°36	6°39	2° 3	9°11	23°28	22°58	24° 8	0°23	n.a.	T 11
W12	10 10 14	4°22'57	23° 5	29°35	14°34	1°43	26°49	6°35	2° 6	9°11	23°29	22°D57	24° 5	0°30	n.a.	W12
T 13	10 14 11	5°21'03	4♈53	1♓41	15° 6	2°24	27° 1	6°30	2° 9	9°10	23°29	22°57	24° 2	0°36	n.a.	T 13
F 14	10 18 7	6°19'07	16°40	3°47	15°36	3° 4	27°14	6°26	2°12	9° 9	23°29	22°59	23°59	0°43	n.a.	F 14
S 15	10 22 4	7°17'09	28°29	5°54	16° 4	3°44	27°27	6°21	2°15	9° 8	23°30	23° 0	23°55	0°50	n.a.	S 15
S 16	10 26 0	8°15'09	10♉25	8° 3	16°31	4°24	27°39	6°17	2°18	9° 8	23°30	23° 1	23°52	0°56	n.a.	S 16
M17	10 29 57	9°13'08	22°31	10°11	16°57	5° 5	27°52	6°12	2°21	9° 7	23°31	23° 2	23°49	1° 3	n.a.	M17
T 18	10 33 53	10°11'04	4♊52	12°21	17°20	5°45	28° 4	6° 8	2°24	9° 6	23°32	23°R 3	23°46	1°10	n.a.	T 18
W19	10 37 50	11° 8'58	17°33	14°30	17°42	6°25	28°17	6° 4	2°26	9° 6	23°32	23° 3	23°43	1°16	n.a.	W19
T 20	10 41 47	12° 6'50	0♋36	16°39	18° 2	7° 5	28°29	5°59	2°29	9° 5	23°33	23° 2	23°40	1°23	n.a.	T 20
F 21	10 45 43	13° 4'40	14° 6	18°48	18°20	7°45	28°41	5°55	2°32	9° 5	23°33	23° 1	23°36	1°30	n.a.	F 21
S 22	10 49 40	14° 2'29	28° 2	20°56	18°37	8°25	28°53	5°50	2°35	9° 4	23°34	23° 0	23°33	1°36	n.a.	S 22
S 23	10 53 36	15° 0'15	12♌25	23° 3	18°51	9° 5	29° 6	5°46	2°38	9° 4	23°35	22°59	23°30	1°43	n.a.	S 23
M24	10 57 33	15°57'59	27°11	25° 9	19° 3	9°45	29°18	5°41	2°40	9° 3	23°35	22°59	23°27	1°50	n.a.	M24
T 25	11 1 29	16°55'42	12♍12	27°14	19°13	10°25	29°29	5°37	2°43	9° 3	23°36	22°58	23°24	1°56	n.a.	T 25
W26	11 5 26	17°53'23	27°22	29°16	19°21	11° 5	29°41	5°33	2°46	9° 2	23°37	22°D58	23°21	2° 3	n.a.	W26
T 27	11 9 22	18°51'03	12♎30	1♈17	19°26	11°45	29°53	5°28	2°48	9° 2	23°38	22°58	23°17	2°10	n.a.	T 27
F 28	11 13 19	19°48'41	27°28	3°15	19°29	12°24	0♒ 5	5°24	2°51	9° 2	23°39	22°59	23°14	2°16	n.a.	F 28
S 29	11 17 15	20°46'18	12♏ 8	5°11	19°R30	13° 4	0°16	5°20	2°53	9° 1	23°39	22°59	23°11	2°23	n.a.	S 29
S 30	11 21 12	21°43'53	26°26	7° 4	19°29	13°44	0°28	5°16	2°56	9° 1	23°40	22°59	23° 8	2°29	n.a.	S 30
M31	11 25 9	22♓41'28	10♐19	8♈55	19♈25	14♈24	0♒39	5♍11	2♒58	9♋ 1	23♉41	22♍59	23♍ 5	2♈36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s54	9s31	3n20	20s40	2s10	6n46	4n 8	2s25	0s 7	22s38	0s59	11n35	2n50	20s55	0s42	24n 4	0n29	18n29	0s33	2n43	2n10	0s40		n.a.
S 2	13 34	13 8	4 13	20 8	2 8	7 10	4 14	2 8	0 6	22 36	0 59	11 37	2 50	20 54	0 42	24 4	0 29	18 29	0 33	2 42	2 11	0 38		n.a.
M 3	13 14	15 56	4 50	19 34	2 5	7 33	4 20	1 51	0 5	22 34	0 59	11 39	2 50	20 53	0 42	24 4	0 29	18 29	0 33	2 42	2 12	0 37		n.a.
T 4	12 54	17 48	5 10	18 58	2 2	7 55	4 25	1 34	0 5	22 31	0 59	11 40	2 50	20 52	0 42	24 4	0 29	18 29	0 33	2 43	2 13	0 35		n.a.
W 5	12 33	18 40	5 14	18 21	1 58	8 17	4 31	1 17	0 4	22 29	1 0	11 42	2 50	20 52	0 42	24 4	0 29	18 29	0 32	2 44	2 15	0 33		n.a.
T 6	12 13	18 32	5 1	17 41	1 53	8 39	4 37	0 59	0 3	22 27	1 0	11 44	2 50	20 51	0 42	24 5	0 29	18 29	0 32	2 45	2 16	0 31		n.a.
F 7	11 52	17 29	4 34	16 59	1 48	9 0	4 42	0 42	0 3	22 24	1 0	11 46	2 50	20 50	0 42	24 5	0 29	18 29	0 32	2 47	2 17	0 29		n.a.
S 8	11 31	15 37	3 55	16 15	1 43	9 20	4 48	0 25	0 2	22 22	1 0	11 47	2 50	20 50	0 42	24 5	0 29	18 30	0 32	2 48	2 19	0 27		n.a.
S 9	11 10	13 4	3 5	15 29	1 37	9 40	4 53	0 8	0 1	22 20	1 0	11 49	2 51	20 49	0 42	24 5	0 29	18 30	0 32	2 49	2 20	0 25		n.a.
M10	10 49	9 59	2 7	14 42	1 30	9 59	4 59	0n 9	0 1	22 17	1 0	11 51	2 51	20 48	0 42	24 5	0 29	18 30	0 32	2 50	2 21	0 23		n.a.
T 11	10 27	6 30	1 4	13 52	1 23	10 17	5 4	0 25	0 0	22 15	1 1	11 53	2 51	20 48	0 43	24 5	0 29	18 30	0 32	2 51	2 22	0 21		n.a.
W12	10 6	2 49	0s 1	13 1	1 15	10 35	5 9	0 42	0n 1	22 13	1 1	11 54	2 51	20 47	0 43	24 5	0 29	18 30	0 32	2 51	2 24	0 20		n.a.
T 13	9 44	0n59	1 6	12 8	1 7	10 52	5 14	0 59	0 1	22 10	1 1	11 56	2 51	20 46	0 43	24 5	0 29	18 30	0 32	2 51	2 25	0 18		n.a.
F 14	9 22	4 43	2 8	11 13	0 58	11 9	5 19	1 16	0 2	22 8	1 1	11 58	2 51	20 46	0 43	24 5	0 29	18 31	0 32	2 51	2 26	0 16		n.a.
S 15	9 1	8 17	3 4	10 17	0 49	11 24	5 24	1 33	0 3	22 6	1 1	12 0	2 51	20 45	0 43	24 5	0 29	18 31	0 32	2 50	2 28	0 14		n.a.
S 16	8 38	11 33	3 54	9 20	0 40	11 39	5 28	1 50	0 3	22 3	1 1	12 1	2 51	20 44	0 43	24 5	0 29	18 31	0 32	2 49	2 29	0 12		n.a.
M17	8 16	14 22	4 34	8 22	0 30	11 53	5 33	2 7	0 4	22 1	1 2	12 3	2 51	20 44	0 43	24 5	0 29	18 31	0 32	2 49	2 30	0 10		n.a.
T 18	7 54	16 36	5 2	7 22	0 20	12 6	5 37	2 24	0 4	21 59	1 2	12 5	2 51	20 43	0 43	24 5	0 29	18 31	0 31	2 49	2 31	0 8		n.a.
W19	7 32	18 5	5 16	6 22	0 9	12 19	5 41	2 40	0 5	21 56	1 2	12 6	2 51	20 42	0 43	24 5	0 29	18 32	0 31	2 49	2 33	0 6		n.a.
T 20	7 9	18 41	5 15	5 21	0n 1	12 30	5 45	2 57	0 6	21 54	1 2	12 8	2 51	20 42	0 43	24 5	0 29	18 32	0 31	2 49	2 34	0 4		n.a.
F 21	6 47	18 15	4 56	4 20	0 12	12 40	5 48	3 14	0 6	21 51	1 2	12 10	2 51	20 41	0 43	24 5	0 29	18 32	0 31	2 49	2 35	0 2		n.a.
S 22	6 24	16 43	4 20	3 19	0 23	12 50	5 52	3 30	0 7	21 49	1 3	12 11	2 51	20 40	0 43	24 5	0 29	18 32	0 31	2 50	2 37	0 1		n.a.
S 23	6 1	14 7	3 27	2 18	0 34	12 58	5 55	3 47	0 7	21 47	1 3	12 13	2 51	20 40	0 43	24 5	0 29	18 33	0 31	2 50	2 38	0n 1		n.a.
M24	5 39	10 32	2 19	1 17	0 44	13 5	5 57	4 4	0 8	21 44	1 3	12 15	2 51	20 39	0 43	24 5	0 29	18 33	0 31	2 51	2 39	0 3		n.a.
T 25	5 16	6 12	1 0	0 17	0 55	13 11	6 0	4 20	0 9	21 42	1 3	12 16	2 51	20 39	0 43	24 5	0 29	18 33	0 31	2 51	2 40	0 5		n.a.
W26	4 53	1 26	0n24	0n42	1 5	13 16	6 2	4 37	0 9	21 40	1 3	12 18	2 51	20 38	0 43	24 5	0 29	18 33	0 31	2 51	2 42	0 7		n.a.
T 27	4 30	3s24	1 47	1 40	1 15	13 20	6 4	4 53	0 10	21 37	1 4	12 20	2 51	20 37	0 43	24 5	0 29	18 34	0 31	2 51	2 43	0 9		n.a.
F 28	4 7	7 59	3 0	2 37	1 25	13 23	6 5	5 9	0 10	21 35	1 4	12 21	2 50	20 37	0 43	24 6	0 29	18 34	0 31	2 51	2 44	0 11		n.a.
S 29	3 44	11 58	4 1	3 32	1 34	13 24	6 6	5 26	0 11	21 33	1 4	12 23	2 50	20 36	0 43	24 6	0 29	18 34	0 31	2 50	2 46	0 13		n.a.
S 30	3 21	15 8	4 45	4 26	1 43	13 24	6 6	5 42	0 12	21 30	1 4	12 24	2 50	20 36	0 43	24 6	0 29	18 35	0 31	2 50	2 47	0 15		n.a.
M31	2s57	17s20	5n10	5n18	1n51	13n22	6n 6	5n58	0n12	21s28	1s 5	12n26	2n50	20s35	0s43	24n 6	0n29	18n35	0s31	2n50	2n48	0n16		n.a.

Julian Day Number = 982216.5, Delta T = 13h12m28s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'27, Lahiri = -31°51'26 Julian Calendar 1 March 2024 BCE == Greg. Calendar 12 Feb. 2024 BCE

The year -2023 astronomical counting style corresponds to year 2024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

APRIL 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 29 5	23♓39'01	23♐47	10♈42	19°R19	15♈ 4	0♒51	5°R 7	3♒ 1	9°R 1	23♉42	22♍59	23♍ 1	2♈43	n.a.	T 1
W 2	11 33 2	24°36'34	6♑52	12°27	19♈11	15°43	1° 2	5♍ 3	3° 3	9♋ 1	23°43	22°59	22°58	2°49	n.a.	W 2
T 3	11 36 58	25°34'05	19°37	14° 8	19° 0	16°23	1°13	4°59	3° 6	9° 0	23°44	22°59	22°55	2°56	n.a.	T 3
F 4	11 40 55	26°31'35	2♒ 4	15°46	18°46	17° 3	1°24	4°55	3° 8	9° 0	23°45	23° 0	22°52	3° 3	n.a.	F 4
S 5	11 44 51	27°29'04	14°17	17°21	18°30	17°42	1°35	4°51	3°10	9° 0	23°46	23° 0	22°49	3° 9	n.a.	S 5
S 6	11 48 48	28°26'32	26°20	18°53	18°12	18°22	1°46	4°47	3°13	9° 0	23°47	23° 1	22°46	3°16	n.a.	S 6
M 7	11 52 44	29°23'59	8♓14	20°21	17°52	19° 1	1°57	4°43	3°15	9°D 0	23°48	23° 1	22°42	3°23	n.a.	M 7
T 8	11 56 41	0♈21'24	20° 4	21°46	17°29	19°41	2° 7	4°40	3°17	9° 0	23°49	23°R 1	22°39	3°29	n.a.	T 8
W 9	12 0 38	1°18'49	1♈52	23° 8	17° 4	20°20	2°18	4°36	3°19	9° 0	23°50	23° 1	22°36	3°36	n.a.	W 9
T 10	12 4 34	2°16'12	13°39	24°26	16°38	21° 0	2°28	4°32	3°21	9° 0	23°51	23° 1	22°33	3°43	n.a.	T 10
F 11	12 8 31	3°13'34	25°28	25°41	16° 9	21°39	2°39	4°28	3°23	9° 0	23°52	23° 0	22°30	3°49	n.a.	F 11
S 12	12 12 27	4°10'55	7♉22	26°52	15°38	22°19	2°49	4°25	3°25	9° 1	23°53	22°58	22°26	3°56	n.a.	S 12
S 13	12 16 24	5° 8'15	19°23	27°59	15° 6	22°58	2°59	4°21	3°27	9° 1	23°54	22°56	22°23	4° 3	n.a.	S 13
M14	12 20 20	6° 5'33	1♊34	29° 3	14°33	23°37	3° 9	4°18	3°29	9° 1	23°55	22°55	22°20	4° 9	n.a.	M14
T 15	12 24 17	7° 2'50	13°58	0♉ 3	13°58	24°17	3°19	4°14	3°31	9° 1	23°56	22°53	22°17	4°16	n.a.	T 15
W16	12 28 13	8° 0'07	26°39	0°59	13°22	24°56	3°29	4°11	3°33	9° 2	23°57	22°52	22°14	4°22	n.a.	W16
T 17	12 32 10	8°57'21	9♋39	1°51	12°45	25°35	3°39	4° 8	3°35	9° 2	23°58	22°D52	22°11	4°29	n.a.	T 17
F 18	12 36 7	9°54'35	23° 1	2°39	12° 8	26°15	3°48	4° 4	3°37	9° 2	24° 0	22°52	22° 7	4°36	n.a.	F 18
S 19	12 40 3	10°51'48	6♌48	3°24	11°30	26°54	3°58	4° 1	3°39	9° 3	24° 1	22°53	22° 4	4°42	n.a.	S 19
S 20	12 44 0	11°48'59	21° 0	4° 4	10°52	27°33	4° 7	3°58	3°40	9° 3	24° 2	22°55	22° 1	4°49	n.a.	S 20
M21	12 47 56	12°46'09	5♍36	4°40	10°14	28°12	4°16	3°55	3°42	9° 3	24° 3	22°56	21°58	4°56	n.a.	M21
T 22	12 51 53	13°43'18	20°31	5°11	9°37	28°52	4°25	3°52	3°44	9° 4	24° 5	22°R56	21°55	5° 2	n.a.	T 22
W23	12 55 49	14°40'26	5♎39	5°39	9° 0	29°31	4°34	3°49	3°45	9° 4	24° 6	22°56	21°52	5° 9	n.a.	W23
T 24	12 59 46	15°37'34	20°52	6° 1	8°24	0♉10	4°43	3°47	3°47	9° 5	24° 7	22°54	21°48	5°16	n.a.	T 24
F 25	13 3 42	16°34'41	5♏58	6°20	7°49	0°49	4°52	3°44	3°48	9° 6	24° 8	22°52	21°45	5°22	n.a.	F 25
S 26	13 7 39	17°31'47	20°50	6°33	7°15	1°28	5° 0	3°41	3°50	9° 6	24°10	22°49	21°42	5°29	n.a.	S 26
S 27	13 11 36	18°28'53	5♐20	6°43	6°43	2° 7	5° 9	3°39	3°51	9° 7	24°11	22°46	21°39	5°36	n.a.	S 27
M28	13 15 32	19°25'59	19°23	6°47	6°13	2°46	5°17	3°36	3°53	9° 7	24°12	22°43	21°36	5°42	n.a.	M28
T 29	13 19 29	20°23'04	2♑58	6°R47	5°44	3°25	5°25	3°34	3°54	9° 8	24°14	22°40	21°32	5°49	n.a.	T 29
W30	13 23 25	21♈20'10	16♑ 6	6♉43	5♈17	4♉ 4	5♒33	3♍32	3♒55	9♋ 9	24♉15	22°D39	21♍29	5♈56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s34	18s29	5n18	6n 8	1n58	13n20	6n 6	6n15	0n13	21s26	1s 5	12n27	2n50	20s35	0s43	24n 6	0n29	18n35	0s30	2n50	2n49	0n18		n.a.
W 2	2 11	18 36	5 9	6 56	2 5	13 15	6 5	6 31	0 13	21 23	1 5	12 29	2 50	20 34	0 43	24 6	0 29	18 35	0 30	2 50	2 51	0 20		n.a.
T 3	1 48	17 46	4 45	7 42	2 12	13 10	6 3	6 47	0 14	21 21	1 5	12 30	2 50	20 34	0 43	24 6	0 29	18 36	0 30	2 50	2 52	0 22		n.a.
F 4	1 24	16 5	4 7	8 26	2 17	13 2	6 1	7 3	0 14	21 19	1 5	12 32	2 50	20 33	0 43	24 6	0 29	18 36	0 30	2 50	2 53	0 24		n.a.
S 5	1 1	13 42	3 19	9 8	2 22	12 54	5 59	7 19	0 15	21 17	1 6	12 33	2 50	20 33	0 43	24 6	0 29	18 36	0 30	2 50	2 55	0 26		n.a.
S 6	0 38	10 45	2 23	9 47	2 26	12 44	5 55	7 35	0 16	21 14	1 6	12 34	2 50	20 32	0 43	24 6	0 29	18 37	0 30	2 50	2 56	0 28		n.a.
M 7	0 15	7 24	1 21	10 25	2 30	12 32	5 52	7 51	0 16	21 12	1 6	12 36	2 50	20 32	0 43	24 6	0 29	18 37	0 30	2 50	2 57	0 30		n.a.
T 8	0n 9	3 46	0 16	11 0	2 32	12 19	5 47	8 6	0 17	21 10	1 6	12 37	2 50	20 31	0 43	24 6	0 29	18 37	0 30	2 49	2 58	0 32		n.a.
W 9	0 32	0n 1	0s49	11 33	2 34	12 5	5 42	8 22	0 17	21 8	1 7	12 38	2 49	20 31	0 43	24 6	0 29	18 38	0 30	2 50	3 0	0 34		n.a.
T 10	0 55	3 46	1 52	12 3	2 35	11 49	5 36	8 38	0 18	21 5	1 7	12 40	2 49	20 30	0 43	24 6	0 29	18 38	0 30	2 50	3 1	0 35		n.a.
F 11	1 18	7 24	2 51	12 31	2 35	11 31	5 30	8 53	0 18	21 3	1 7	12 41	2 49	20 30	0 43	24 6	0 29	18 38	0 30	2 50	3 2	0 37		n.a.
S 12	1 42	10 45	3 42	12 57	2 35	11 13	5 22	9 9	0 19	21 1	1 7	12 42	2 49	20 29	0 43	24 6	0 29	18 39	0 30	2 51	3 3	0 39		n.a.
S 13	2 5	13 42	4 24	13 21	2 33	10 53	5 15	9 24	0 20	20 59	1 8	12 43	2 49	20 29	0 43	24 6	0 29	18 39	0 30	2 51	3 5	0 41		n.a.
M14	2 28	16 5	4 55	13 42	2 31	10 32	5 6	9 40	0 20	20 57	1 8	12 44	2 49	20 28	0 43	24 6	0 29	18 39	0 30	2 52	3 6	0 43		n.a.
T 15	2 51	17 46	5 13	14 1	2 28	10 9	4 57	9 55	0 21	20 55	1 8	12 46	2 49	20 28	0 44	24 5	0 29	18 40	0 29	2 53	3 7	0 45		n.a.
W16	3 14	18 37	5 16	14 17	2 24	9 46	4 47	10 10	0 21	20 53	1 8	12 47	2 49	20 27	0 44	24 5	0 29	18 40	0 29	2 53	3 9	0 47		n.a.
T 17	3 37	18 31	5 3	14 31	2 19	9 22	4 37	10 25	0 22	20 50	1 9	12 48	2 48	20 27	0 44	24 5	0 29	18 40	0 29	2 53	3 10	0 49		n.a.
F 18	4 0	17 25	4 34	14 43	2 13	8 57	4 26	10 40	0 22	20 48	1 9	12 49	2 48	20 27	0 44	24 5	0 29	18 41	0 29	2 53	3 11	0 51		n.a.
S 19	4 23	15 16	3 48	14 52	2 7	8 31	4 14	10 55	0 23	20 46	1 9	12 50	2 48	20 26	0 44	24 5	0 29	18 41	0 29	2 53	3 12	0 52		n.a.
S 20	4 46	12 8	2 48	14 59	1 59	8 5	4 2	11 10	0 23	20 44	1 9	12 51	2 48	20 26	0 44	24 5	0 29	18 42	0 29	2 52	3 14	0 54		n.a.
M21	5 9	8 11	1 34	15 4	1 51	7 39	3 50	11 25	0 24	20 42	1 10	12 52	2 48	20 25	0 44	24 5	0 29	18 42	0 29	2 52	3 15	0 56		n.a.
T 22	5 31	3 37	0 13	15 6	1 41	7 12	3 37	11 40	0 24	20 40	1 10	12 53	2 48	20 25	0 44	24 5	0 29	18 42	0 29	2 51	3 16	0 58		n.a.
W23	5 54	1s14	1n10	15 6	1 31	6 45	3 24	11 55	0 25	20 39	1 10	12 54	2 47	20 25	0 44	24 5	0 29	18 43	0 29	2 52	3 18	1 0		n.a.
T 24	6 16	6 1	2 28	15 4	1 20	6 18	3 11	12 9	0 25	20 37	1 10	12 55	2 47	20 24	0 44	24 5	0 29	18 43	0 29	2 52	3 19	1 2		n.a.
F 25	6 39	10 24	3 36	14 59	1 9	5 52	2 57	12 24	0 26	20 35	1 11	12 55	2 47	20 24	0 44	24 5	0 29	18 43	0 29	2 53	3 20	1 4		n.a.
S 26	7 1	14 2	4 27	14 52	0 56	5 26	2 43	12 38	0 26	20 33	1 11	12 56	2 47	20 24	0 44	24 5	0 29	18 44	0 29	2 54	3 21	1 6		n.a.
S 27	7 23	16 42	5 0	14 42	0 43	5 0	2 30	12 52	0 27	20 31	1 11	12 57	2 47	20 23	0 44	24 5	0 29	18 44	0 29	2 56	3 23	1 8		n.a.
M28	7 45	18 16	5 14	14 31	0 29	4 35	2 16	13 6	0 27	20 29	1 12	12 58	2 46	20 23	0 44	24 5	0 29	18 45	0 29	2 57	3 24	1 10		n.a.
T 29	8 7	18 44	5 10	14 17	0 14	4 11	2 2	13 21	0 28	20 27	1 12	12 58	2 46	20 23	0 44	24 5	0 29	18 45	0 28	2 58	3 25	1 11		n.a.
W30	8n29	18s 9	4n49	14n 1	0s 1	3n47	1n48	13n34	0n28	20s26	1s12	12n59	2n46	20s23	0s44	24n 5	0n29	18n45	0s28	2n58	3n26	1n13		n.a.

Julian Day Number = 982247.5, Delta T = 13h12m26s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'23, Lahiri = -31°51'22 Julian Calendar 1 Apr. 2024 BCE == Greg. Calendar 15 March 2024 BCE

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

MAY 2024 BCE (-2023) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 27 22	22♈17'14	28♉50	6°R34	4°R52	4♉43	5♒41	3°R29	3♒57	9♋10	24♉16	22♍39	21♍26	6♈ 2	n.a.	T 1
F 2	13 31 18	23°14'19	11♒13	6♉21	4♈30	5°22	5°49	3♍27	3°58	9°10	24°18	22°40	21°23	6° 9	n.a.	F 2
S 3	13 35 15	24°11'24	23°21	6° 5	4°10	6° 1	5°57	3°25	3°59	9°11	24°19	22°42	21°20	6°16	n.a.	S 3
S 4	13 39 11	25° 8'28	5♓18	5°44	3°52	6°40	6° 4	3°23	4° 0	9°12	24°21	22°44	21°17	6°22	n.a.	S 4
M 5	13 43 8	26° 5'32	17° 7	5°20	3°36	7°19	6°12	3°21	4° 1	9°13	24°22	22°R45	21°13	6°29	n.a.	M 5
T 6	13 47 5	27° 2'36	28°54	4°53	3°23	7°58	6°19	3°20	4° 2	9°14	24°23	22°45	21°10	6°35	n.a.	T 6
W 7	13 51 1	27°59'40	10♈41	4°23	3°12	8°36	6°26	3°18	4° 3	9°15	24°25	22°43	21° 7	6°42	n.a.	W 7
T 8	13 54 58	28°56'44	22°31	3°51	3° 3	9°15	6°33	3°16	4° 4	9°16	24°26	22°40	21° 4	6°49	n.a.	T 8
F 9	13 58 54	29°53'48	4♉26	3°18	2°57	9°54	6°40	3°15	4° 5	9°17	24°28	22°35	21° 1	6°55	n.a.	F 9
S 10	14 2 51	0♉50'51	16°29	2°43	2°53	10°33	6°46	3°13	4° 6	9°18	24°29	22°29	20°57	7° 2	n.a.	S 10
S 11	14 6 47	1°47'54	28°40	2° 8	2°D52	11°12	6°53	3°12	4° 7	9°19	24°31	22°22	20°54	7° 9	n.a.	S 11
M12	14 10 44	2°44'57	11♊ 2	1°33	2°53	11°50	6°59	3°11	4° 7	9°20	24°32	22°15	20°51	7°15	n.a.	M12
T 13	14 14 41	3°42'00	23°35	0°59	2°56	12°29	7° 5	3°10	4° 8	9°21	24°34	22° 9	20°48	7°22	n.a.	T 13
W14	14 18 37	4°39'03	6♋22	0°26	3° 1	13° 8	7°11	3° 8	4° 9	9°22	24°35	22° 4	20°45	7°29	n.a.	W14
T 15	14 22 34	5°36'05	19°25	29♈55	3° 9	13°47	7°17	3° 8	4° 9	9°23	24°37	22° 1	20°42	7°35	n.a.	T 15
F 16	14 26 30	6°33'08	2♌45	29°26	3°19	14°25	7°22	3° 7	4°10	9°25	24°38	22°D 0	20°38	7°42	n.a.	F 16
S 17	14 30 27	7°30'09	16°25	29° 0	3°30	15° 4	7°28	3° 6	4°10	9°26	24°40	22° 0	20°35	7°49	n.a.	S 17
S 18	14 34 23	8°27'11	0♍25	28°38	3°44	15°43	7°33	3° 5	4°11	9°27	24°41	22° 1	20°32	7°55	n.a.	S 18
M19	14 38 20	9°24'13	14°46	28°19	4° 0	16°21	7°38	3° 5	4°11	9°28	24°43	22°R 2	20°29	8° 2	n.a.	M19
T 20	14 42 16	10°21'14	29°25	28° 4	4°17	17° 0	7°43	3° 4	4°12	9°30	24°44	22° 2	20°26	8° 9	n.a.	T 20
W21	14 46 13	11°18'15	14♎18	27°54	4°37	17°39	7°48	3° 4	4°12	9°31	24°46	22° 0	20°23	8°15	n.a.	W21
T 22	14 50 10	12°15'17	29°19	27°49	4°58	18°17	7°53	3° 3	4°12	9°32	24°47	21°56	20°19	8°22	n.a.	T 22
F 23	14 54 6	13°12'19	14♏19	27°D48	5°21	18°56	7°57	3° 3	4°12	9°34	24°49	21°50	20°16	8°29	n.a.	F 23
S 24	14 58 3	14° 9'21	29° 9	27°52	5°46	19°34	8° 2	3° 3	4°13	9°35	24°50	21°43	20°13	8°35	n.a.	S 24
S 25	15 1 59	15° 6'23	13♐41	28° 2	6°12	20°13	8° 6	3°D 3	4°13	9°37	24°52	21°35	20°10	8°42	n.a.	S 25
M26	15 5 56	16° 3'27	27°48	28°17	6°40	20°51	8°10	3° 3	4°13	9°38	24°54	21°27	20° 7	8°49	n.a.	M26
T 27	15 9 52	17° 0'31	11♑28	28°37	7° 9	21°30	8°14	3° 3	4°R13	9°40	24°55	21°20	20° 3	8°55	n.a.	T 27
W28	15 13 49	17°57'35	24°40	29° 2	7°40	22° 8	8°17	3° 4	4°13	9°41	24°57	21°16	20° 0	9° 2	n.a.	W28
T 29	15 17 46	18°54'40	7♒26	29°32	8°12	22°47	8°21	3° 4	4°13	9°43	24°58	21°13	19°57	9° 8	n.a.	T 29
F 30	15 21 42	19°51'46	19°50	0♉ 8	8°46	23°25	8°24	3° 5	4°13	9°44	25° 0	21°D13	19°54	9°15	n.a.	F 30
S 31	15 25 39	20♉48'53	1♓58	0♉49	9♈21	24♉ 4	8♒27	3♍ 5	4♒12	9♋46	25♉ 1	21♍13	19♍51	9♈22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	8n51	16s40	4n14	13n43	0s17	3n24	1n34	13n48	0n29	20s24	1s12	13n 0	2n46	20s22	0s44	24n 5	0n29	18n46	0s28	2n58	3n28	1n15			n.a.
F 2	9 12	14 25	3 28	13 24	0 33	3 3	1 20	14 2	0 29	20 22	1 13	13 0	2 46	20 22	0 44	24 5	0 29	18 46	0 28	2 58	3 29	1 17			n.a.
S 3	9 34	11 35	2 34	13 3	0 49	2 42	1 7	14 16	0 30	20 21	1 13	13 1	2 45	20 22	0 44	24 5	0 29	18 47	0 28	2 57	3 30	1 19			n.a.
S 4	9 55	8 18	1 34	12 40	1 6	2 23	0 53	14 29	0 30	20 19	1 13	13 2	2 45	20 22	0 44	24 5	0 29	18 47	0 28	2 57	3 32	1 21			n.a.
M 5	10 16	4 43	0 31	12 16	1 22	2 4	0 40	14 43	0 31	20 17	1 14	13 2	2 45	20 21	0 44	24 5	0 29	18 47	0 28	2 56	3 33	1 23			n.a.
T 6	10 37	0 58	0s34	11 52	1 39	1 47	0 28	14 56	0 31	20 16	1 14	13 2	2 45	20 21	0 44	24 5	0 29	18 48	0 28	2 56	3 34	1 25			n.a.
W 7	10 58	2n50	1 37	11 26	1 55	1 32	0 15	15 10	0 32	20 14	1 14	13 3	2 45	20 21	0 44	24 4	0 29	18 48	0 28	2 57	3 35	1 27			n.a.
T 8	11 19	6 32	2 35	11 1	2 11	1 17	0 3	15 23	0 32	20 13	1 15	13 3	2 44	20 21	0 44	24 4	0 29	18 49	0 28	2 58	3 37	1 29			n.a.
F 9	11 40	10 0	3 28	10 35	2 26	1 4	0s 9	15 36	0 33	20 11	1 15	13 4	2 44	20 21	0 44	24 4	0 29	18 49	0 28	3 0	3 38	1 30			n.a.
S 10	12 0	13 5	4 11	10 9	2 41	0 52	0 20	15 49	0 33	20 10	1 15	13 4	2 44	20 20	0 44	24 4	0 29	18 50	0 28	3 3	3 39	1 32			n.a.
S 11	12 20	15 39	4 44	9 44	2 54	0 41	0 31	16 2	0 34	20 9	1 16	13 4	2 44	20 20	0 45	24 4	0 29	18 50	0 28	3 5	3 41	1 34			n.a.
M12	12 40	17 32	5 4	9 20	3 7	0 32	0 42	16 14	0 34	20 7	1 16	13 5	2 43	20 20	0 45	24 4	0 29	18 50	0 28	3 8	3 42	1 36			n.a.
T 13	13 0	18 37	5 10	8 57	3 19	0 23	0 52	16 27	0 35	20 6	1 16	13 5	2 43	20 20	0 45	24 4	0 29	18 51	0 28	3 11	3 43	1 38			n.a.
W14	13 20	18 46	5 0	8 35	3 30	0 17	1 2	16 39	0 35	20 5	1 16	13 5	2 43	20 20	0 45	24 4	0 29	18 51	0 27	3 13	3 44	1 40			n.a.
T 15	13 39	17 57	4 35	8 16	3 39	0 11	1 12	16 52	0 36	20 4	1 17	13 5	2 43	20 20	0 45	24 4	0 29	18 52	0 27	3 14	3 46	1 42			n.a.
F 16	13 59	16 8	3 55	7 58	3 47	0 6	1 21	17 4	0 36	20 2	1 17	13 5	2 43	20 20	0 45	24 4	0 29	18 52	0 27	3 14	3 47	1 44			n.a.
S 17	14 18	13 22	3 1	7 43	3 53	0 3	1 30	17 16	0 37	20 1	1 17	13 5	2 42	20 20	0 45	24 4	0 29	18 53	0 27	3 14	3 48	1 46			n.a.
S 18	14 36	9 46	1 54	7 30	3 59	0 1	1 38	17 28	0 37	20 0	1 18	13 5	2 42	20 20	0 45	24 4	0 29	18 53	0 27	3 14	3 49	1 48			n.a.
M19	14 55	5 31	0 39	7 20	4 2	0s 0	1 47	17 40	0 38	19 59	1 18	13 5	2 42	20 20	0 45	24 3	0 29	18 54	0 27	3 13	3 51	1 49			n.a.
T 20	15 13	0 51	0n40	7 12	4 5	0 0	1 54	17 52	0 38	19 58	1 18	13 5	2 42	20 19	0 45	24 3	0 29	18 54	0 27	3 13	3 52	1 51			n.a.
W21	15 32	3s57	1 57	7 7	4 6	0n 1	2 2	18 3	0 39	19 57	1 19	13 5	2 41	20 19	0 45	24 3	0 29	18 54	0 27	3 14	3 53	1 53			n.a.
T 22	15 49	8 32	3 7	7 6	4 6	0 3	2 9	18 15	0 39	19 56	1 19	13 5	2 41	20 19	0 45	24 3	0 29	18 55	0 27	3 16	3 55	1 55			n.a.
F 23	16 7	12 35	4 4	7 7	4 4	0 6	2 15	18 26	0 39	19 55	1 19	13 5	2 41	20 19	0 45	24 3	0 29	18 55	0 27	3 18	3 56	1 57			n.a.
S 24	16 25	15 46	4 44	7 11	4 1	0 10	2 22	18 37	0 40	19 55	1 20	13 5	2 41	20 19	0 45	24 3	0 29	18 56	0 27	3 21	3 57	1 59			n.a.
S 25	16 42	17 53	5 4	7 18	3 57	0 15	2 28	18 48	0 40	19 54	1 20	13 4	2 40	20 19	0 45	24 3	0 29	18 56	0 27	3 24	3 58	2 1			n.a.
M26	16 59	18 50	5 5	7 28	3 52	0 21	2 34	18 59	0 41	19 53	1 20	13 4	2 40	20 19	0 45	24 3	0 29	18 57	0 27	3 27	4 0	2 3			n.a.
T 27	17 15	18 38	4 48	7 41	3 46	0 28	2 39	19 10	0 41	19 52	1 21	13 4	2 40	20 19	0 45	24 3	0 29	18 57	0 27	3 30	4 1	2 5			n.a.
W28	17 32	17 25	4 17	7 56	3 40	0 36	2 44	19 21	0 42	19 52	1 21	13 4	2 40	20 19	0 45	24 3	0 29	18 58	0 27	3 32	4 2	2 7			n.a.
T 29	17 48	15 21	3 33	8 14	3 32	0 45	2 49	19 31	0 42	19 51	1 21	13 3	2 39	20 20	0 45	24 2	0 29	18 58	0 26	3 33	4 3	2 8			n.a.
F 30	18 4	12 38	2 40	8 35	3 23	0 54	2 53	19 41	0 43	19 51	1 22	13 3	2 39	20 20	0 45	24 2	0 29	18 58	0 26	3 33	4 5	2 10			n.a.
S 31	18n19	9s25	1n42	8n58	3s14	1n 4	2s58	19n52	0n43	19s50	1s22	13n 2	2n39	20s20	0s45	24n 2	0n29	18n59	0s26	3n33	4n 6	2n12			n.a.

Julian Day Number = 982277.5, Delta T = 13h12m24s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'19, Lahiri = -31°51'18 Julian Calendar 1 May 2024 BCE == Greg. Calendar 14 Apr. 2024 BCE

The year -2023 astronomical counting style corresponds to year 2024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

JUNE 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 29 35	21♉46'01	13♓53	1♉35	9♈57	24♉42	8♒30	3♍ 6	4°R12	9♋47	25♉ 3	21♍14	19♍48	9♈28	n.a.	S 1
M 2	15 33 32	22°43'09	25°41	2°26	10°34	25°21	8°33	3° 7	4♒12	9°49	25° 5	21°R14	19°44	9°35	n.a.	M 2
T 3	15 37 28	23°40'18	7♈28	3°22	11°13	25°59	8°35	3° 7	4°12	9°51	25° 6	21°13	19°41	9°42	n.a.	T 3
W 4	15 41 25	24°37'29	19°18	4°24	11°52	26°38	8°37	3° 8	4°11	9°52	25° 8	21° 9	19°38	9°48	n.a.	W 4
T 5	15 45 22	25°34'40	1♉13	5°30	12°33	27°16	8°39	3° 9	4°11	9°54	25° 9	21° 3	19°35	9°55	n.a.	T 5
F 6	15 49 18	26°31'52	13°17	6°41	13°14	27°55	8°41	3°11	4°10	9°56	25°11	20°54	19°32	10° 2	n.a.	F 6
S 7	15 53 15	27°29'05	25°31	7°56	13°57	28°33	8°43	3°12	4°10	9°57	25°13	20°44	19°28	10° 8	n.a.	S 7
S 8	15 57 11	28°26'19	7♊57	9°17	14°41	29°11	8°45	3°13	4° 9	9°59	25°14	20°32	19°25	10°15	n.a.	S 8
M 9	16 1 8	29°23'33	20°35	10°42	15°25	29°50	8°46	3°15	4° 9	10° 1	25°16	20°20	19°22	10°22	n.a.	M 9
T 10	16 5 4	0♊20'49	3♋25	12°11	16°10	0♊28	8°47	3°16	4° 8	10° 3	25°17	20°10	19°19	10°28	n.a.	T 10
W11	16 9 1	1°18'05	16°27	13°44	16°57	1° 7	8°48	3°18	4° 7	10° 5	25°19	20° 1	19°16	10°35	n.a.	W11
T 12	16 12 57	2°15'22	29°41	15°22	17°44	1°45	8°49	3°19	4° 7	10° 6	25°20	19°54	19°13	10°42	n.a.	T 12
F 13	16 16 54	3°12'40	13♌ 8	17° 3	18°31	2°23	8°49	3°21	4° 6	10° 8	25°22	19°51	19° 9	10°48	n.a.	F 13
S 14	16 20 51	4° 9'58	26°47	18°48	19°20	3° 2	8°50	3°23	4° 5	10°10	25°24	19°49	19° 6	10°55	n.a.	S 14
S 15	16 24 47	5° 7'17	10♍41	20°36	20° 9	3°40	8°R50	3°25	4° 4	10°12	25°25	19°D49	19° 3	11° 2	n.a.	S 15
M16	16 28 44	6° 4'37	24°49	22°28	20°59	4°18	8°50	3°27	4° 3	10°14	25°27	19°R49	19° 0	11° 8	n.a.	M16
T 17	16 32 40	7° 1'58	9♎11	24°22	21°50	4°57	8°50	3°29	4° 2	10°16	25°28	19°48	18°57	11°15	n.a.	T 17
W18	16 36 37	7°59'19	23°44	26°18	22°41	5°35	8°49	3°32	4° 1	10°18	25°30	19°45	18°54	11°22	n.a.	W18
T 19	16 40 33	8°56'42	8♏23	28°17	23°33	6°13	8°49	3°34	4° 0	10°20	25°31	19°39	18°50	11°28	n.a.	T 19
F 20	16 44 30	9°54'06	23° 4	0♊17	24°25	6°52	8°48	3°37	3°59	10°22	25°33	19°31	18°47	11°35	n.a.	F 20
S 21	16 48 27	10°51'30	7♐38	2°19	25°19	7°30	8°47	3°39	3°58	10°24	25°35	19°20	18°44	11°42	n.a.	S 21
S 22	16 52 23	11°48'56	21°58	4°21	26°12	8° 8	8°46	3°42	3°57	10°26	25°36	19° 9	18°41	11°48	n.a.	S 22
M23	16 56 20	12°46'24	5♑59	6°25	27° 7	8°46	8°44	3°44	3°56	10°28	25°38	18°58	18°38	11°55	n.a.	M23
T 24	17 0 16	13°43'53	19°35	8°28	28° 1	9°25	8°43	3°47	3°54	10°30	25°39	18°48	18°34	12° 2	n.a.	T 24
W25	17 4 13	14°41'23	2♒46	10°32	28°57	10° 3	8°41	3°50	3°53	10°32	25°41	18°41	18°31	12° 8	n.a.	W25
T 26	17 8 9	15°38'55	15°33	12°36	29°53	10°41	8°39	3°53	3°52	10°34	25°42	18°36	18°28	12°15	n.a.	T 26
F 27	17 12 6	16°36'29	27°58	14°39	0♉49	11°19	8°37	3°56	3°50	10°36	25°44	18°33	18°25	12°22	n.a.	F 27
S 28	17 16 2	17°34'04	10♓ 6	16°42	1°46	11°58	8°35	3°59	3°49	10°38	25°45	18°32	18°22	12°28	n.a.	S 28
S 29	17 19 59	18°31'41	22° 3	18°44	2°43	12°36	8°32	4° 2	3°47	10°40	25°47	18°32	18°19	12°35	n.a.	S 29
M30	17 23 56	19♊29'20	3♈52	20♊45	3♉41	13♊14	8♒29	4♍ 6	3♒46	10♋42	25♉48	18♍32	18♍15	12♈42	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18n34	5s52	0n39	9n24	3s 4	1n15	3s 1	20n 2	0n43	19s50	1s22	13n 2	2n39	20s20	0s45	24n 2	0n29	18n59	0s26	3n33	4n 7	2n14			n.a.
M 2	18 49	2 7	0s24	9 52	2 53	1 26	3 5	20 12	0 44	19 49	1 23	13 1	2 38	20 20	0 45	24 2	0 29	19 0	0 26	3 33	4 9	2 16			n.a.
T 3	19 4	1n43	1 26	10 21	2 42	1 38	3 9	20 22	0 44	19 49	1 23	13 1	2 38	20 20	0 45	24 2	0 29	19 0	0 26	3 33	4 10	2 18			n.a.
W 4	19 18	5 29	2 24	10 53	2 30	1 51	3 12	20 31	0 45	19 49	1 24	13 0	2 38	20 20	0 45	24 2	0 29	19 1	0 26	3 35	4 11	2 20			n.a.
T 5	19 33	9 4	3 16	11 27	2 18	2 5	3 15	20 41	0 45	19 49	1 24	13 0	2 38	20 20	0 46	24 2	0 29	19 1	0 26	3 37	4 12	2 22			n.a.
F 6	19 46	12 19	4 1	12 3	2 6	2 19	3 17	20 50	0 46	19 48	1 24	12 59	2 37	20 20	0 46	24 1	0 29	19 2	0 26	3 41	4 14	2 24			n.a.
S 7	20 0	15 6	4 34	12 39	1 53	2 33	3 20	20 59	0 46	19 48	1 25	12 58	2 37	20 21	0 46	24 1	0 29	19 2	0 26	3 45	4 15	2 26			n.a.
S 8	20 13	17 13	4 55	13 18	1 40	2 48	3 22	21 8	0 46	19 48	1 25	12 58	2 37	20 21	0 46	24 1	0 29	19 3	0 26	3 49	4 16	2 27			n.a.
M 9	20 26	18 33	5 2	13 57	1 27	3 4	3 24	21 17	0 47	19 48	1 25	12 57	2 37	20 21	0 46	24 1	0 29	19 3	0 26	3 54	4 17	2 29			n.a.
T 10	20 38	18 58	4 54	14 38	1 14	3 20	3 26	21 26	0 47	19 48	1 26	12 56	2 36	20 21	0 46	24 1	0 29	19 3	0 26	3 58	4 19	2 31			n.a.
W11	20 50	18 24	4 31	15 19	1 1	3 36	3 27	21 34	0 48	19 48	1 26	12 55	2 36	20 21	0 46	24 1	0 29	19 4	0 26	4 2	4 20	2 33			n.a.
T 12	21 2	16 50	3 53	16 0	0 48	3 53	3 29	21 43	0 48	19 48	1 26	12 54	2 36	20 22	0 46	24 1	0 29	19 4	0 26	4 5	4 21	2 35			n.a.
F 13	21 13	14 19	3 2	16 42	0 35	4 11	3 30	21 51	0 48	19 49	1 27	12 53	2 36	20 22	0 46	24 0	0 29	19 5	0 26	4 6	4 23	2 37			n.a.
S 14	21 24	10 58	1 59	17 24	0 23	4 28	3 31	21 59	0 49	19 49	1 27	12 52	2 36	20 22	0 46	24 0	0 29	19 5	0 25	4 7	4 24	2 39			n.a.
S 15	21 35	6 58	0 48	18 6	0 10	4 46	3 32	22 7	0 49	19 49	1 27	12 51	2 35	20 22	0 46	24 0	0 29	19 6	0 25	4 7	4 25	2 41			n.a.
M16	21 45	2 30	0n27	18 47	0n 2	5 5	3 32	22 15	0 50	19 49	1 28	12 50	2 35	20 23	0 46	24 0	0 29	19 6	0 25	4 7	4 26	2 43			n.a.
T 17	21 55	2s10	1 41	19 27	0 13	5 24	3 33	22 22	0 50	19 50	1 28	12 49	2 35	20 23	0 46	24 0	0 29	19 7	0 25	4 7	4 28	2 45			n.a.
W18	22 5	6 46	2 49	20 7	0 24	5 43	3 33	22 30	0 50	19 50	1 28	12 48	2 35	20 23	0 46	24 0	0 29	19 7	0 25	4 8	4 29	2 46			n.a.
T 19	22 14	11 0	3 47	20 45	0 35	6 2	3 33	22 37	0 51	19 51	1 29	12 47	2 34	20 23	0 46	24 0	0 29	19 7	0 25	4 11	4 30	2 48			n.a.
F 20	22 23	14 34	4 30	21 21	0 45	6 22	3 33	22 44	0 51	19 51	1 29	12 46	2 34	20 24	0 46	23 59	0 29	19 8	0 25	4 14	4 31	2 50			n.a.
S 21	22 32	17 11	4 55	21 56	0 54	6 42	3 32	22 51	0 52	19 52	1 30	12 45	2 34	20 24	0 46	23 59	0 29	19 8	0 25	4 18	4 33	2 52			n.a.
S 22	22 40	18 40	5 1	22 28	1 3	7 2	3 32	22 58	0 52	19 53	1 30	12 44	2 34	20 24	0 46	23 59	0 29	19 9	0 25	4 23	4 34	2 54			n.a.
M23	22 47	18 59	4 48	22 58	1 10	7 22	3 31	23 4	0 52	19 53	1 30	12 43	2 33	20 25	0 46	23 59	0 29	19 9	0 25	4 27	4 35	2 56			n.a.
T 24	22 55	18 11	4 19	23 26	1 18	7 43	3 31	23 11	0 53	19 54	1 31	12 41	2 33	20 25	0 46	23 59	0 29	19 10	0 25	4 31	4 36	2 58			n.a.
W25	23 1	16 25	3 37	23 52	1 24	8 3	3 30	23 17	0 53	19 55	1 31	12 40	2 33	20 25	0 46	23 59	0 29	19 10	0 25	4 34	4 38	3 0			n.a.
T 26	23 8	13 52	2 45	24 15	1 29	8 24	3 29	23 23	0 54	19 56	1 31	12 39	2 33	20 26	0 46	23 58	0 29	19 10	0 25	4 36	4 39	3 2			n.a.
F 27	23 14	10 45	1 47	24 35	1 34	8 45	3 28	23 29	0 54	19 57	1 32	12 37	2 32	20 26	0 46	23 58	0 29	19 11	0 25	4 37	4 40	3 4			n.a.
S 28	23 20	7 15	0 45	24 53	1 39	9 6	3 26	23 35	0 54	19 58	1 32	12 36	2 32	20 26	0 46	23 58	0 29	19 11	0 25	4 37	4 42	3 5			n.a.
S 29	23 25	3 30	0s19	25 8	1 42	9 27	3 25	23 40	0 55	19 59	1 32	12 35	2 32	20 27	0 46	23 58	0 29	19 12	0 25	4 37	4 43	3 7			n.a.
M30	23n30	0n21	1s20	25n20	1n45	9n49	3s24	23n45	0n55	20s 0	1s33	12n33	2n32	20s27	0s46	23n58	0n29	19n12	0s25	4n37	4n44	3n 9			n.a.

Julian Day Number = 982308.5, Delta T = 13h12m22s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'14, Lahiri = -31°51'14 Julian Calendar 1 June 2024 BCE == Greg. Calendar 15 May 2024 BCE

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

JULY 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 27 52	20♊27'00	15♈41	22♊45	4♉39	13♊52	8°R26	4♍ 9	3°R44	10♋44	25♉50	18°R30	18♍12	12♈48	n.a.	T 1
W 2	17 31 49	21°24'42	27°33	24°45	5°38	14°31	8♒23	4°13	3♒43	10°46	25°51	18♍26	18° 9	12°55	n.a.	W 2
T 3	17 35 45	22°22'26	9♉33	26°42	6°37	15° 9	8°20	4°16	3°41	10°48	25°53	18°20	18° 6	13° 1	n.a.	T 3
F 4	17 39 42	23°20'12	21°46	28°39	7°36	15°47	8°16	4°20	3°40	10°51	25°54	18°10	18° 3	13° 8	n.a.	F 4
S 5	17 43 38	24°18'00	4♊12	0♋34	8°36	16°25	8°13	4°24	3°38	10°53	25°55	17°59	18° 0	13°15	n.a.	S 5
S 6	17 47 35	25°15'49	16°54	2°28	9°36	17° 4	8° 9	4°27	3°36	10°55	25°57	17°46	17°56	13°21	n.a.	S 6
M 7	17 51 31	26°13'40	29°50	4°21	10°37	17°42	8° 5	4°31	3°34	10°57	25°58	17°33	17°53	13°28	n.a.	M 7
T 8	17 55 28	27°11'33	13♋ 2	6°13	11°37	18°20	8° 1	4°35	3°33	10°59	26° 0	17°22	17°50	13°35	n.a.	T 8
W 9	17 59 25	28° 9'28	26°25	8° 3	12°39	18°58	7°56	4°39	3°31	11° 1	26° 1	17°12	17°47	13°41	n.a.	W 9
T 10	18 3 21	29° 7'24	9♌59	9°51	13°40	19°37	7°52	4°43	3°29	11° 4	26° 2	17° 5	17°44	13°48	n.a.	T 10
F 11	18 7 18	0♋ 5'21	23°43	11°39	14°42	20°15	7°47	4°47	3°27	11° 6	26° 4	17° 1	17°40	13°55	n.a.	F 11
S 12	18 11 14	1° 3'20	7♍33	13°25	15°44	20°53	7°42	4°52	3°25	11° 8	26° 5	16°59	17°37	14° 1	n.a.	S 12
S 13	18 15 11	2° 1'21	21°31	15° 9	16°47	21°31	7°37	4°56	3°23	11°10	26° 6	16°D59	17°34	14° 8	n.a.	S 13
M14	18 19 7	2°59'23	5♎36	16°53	17°49	22°10	7°32	5° 0	3°21	11°12	26° 8	16°R59	17°31	14°15	n.a.	M14
T 15	18 23 4	3°57'26	19°46	18°35	18°52	22°48	7°26	5° 5	3°19	11°15	26° 9	16°58	17°28	14°21	n.a.	T 15
W16	18 27 0	4°55'32	4♏ 0	20°16	19°56	23°26	7°21	5° 9	3°17	11°17	26°10	16°55	17°25	14°28	n.a.	W16
T 17	18 30 57	5°53'38	18°17	21°55	20°59	24° 4	7°15	5°14	3°15	11°19	26°12	16°50	17°21	14°35	n.a.	T 17
F 18	18 34 54	6°51'47	2♐32	23°34	22° 3	24°42	7° 9	5°19	3°13	11°21	26°13	16°42	17°18	14°41	n.a.	F 18
S 19	18 38 50	7°49'57	16°41	25°11	23° 7	25°21	7° 3	5°23	3°11	11°23	26°14	16°32	17°15	14°48	n.a.	S 19
S 20	18 42 47	8°48'09	0♑39	26°46	24°12	25°59	6°57	5°28	3° 9	11°26	26°15	16°21	17°12	14°55	n.a.	S 20
M21	18 46 43	9°46'24	14°21	28°21	25°16	26°37	6°51	5°33	3° 7	11°28	26°17	16°11	17° 9	15° 1	n.a.	M21
T 22	18 50 40	10°44'40	27°44	29°54	26°21	27°15	6°44	5°38	3° 5	11°30	26°18	16° 2	17° 6	15° 8	n.a.	T 22
W23	18 54 36	11°42'58	10♒47	1♌27	27°26	27°53	6°38	5°43	3° 3	11°32	26°19	15°54	17° 2	15°15	n.a.	W23
T 24	18 58 33	12°41'18	23°29	2°58	28°32	28°32	6°31	5°48	3° 0	11°35	26°20	15°50	16°59	15°21	n.a.	T 24
F 25	19 2 29	13°39'40	5♓52	4°27	29°37	29°10	6°24	5°53	2°58	11°37	26°21	15°47	16°56	15°28	n.a.	F 25
S 26	19 6 26	14°38'05	17°59	5°56	0♊43	29°48	6°18	5°59	2°56	11°39	26°23	15°D47	16°53	15°35	n.a.	S 26
S 27	19 10 22	15°36'32	29°56	7°23	1°49	0♋26	6°11	6° 4	2°54	11°41	26°24	15°47	16°50	15°41	n.a.	S 27
M28	19 14 19	16°35'01	11♈46	8°49	2°55	1° 4	6° 3	6° 9	2°51	11°44	26°25	15°R48	16°46	15°48	n.a.	M28
T 29	19 18 16	17°33'33	23°35	10°14	4° 2	1°43	5°56	6°14	2°49	11°46	26°26	15°48	16°43	15°55	n.a.	T 29
W30	19 22 12	18°32'07	5♉29	11°37	5° 9	2°21	5°49	6°20	2°47	11°48	26°27	15°46	16°40	16° 1	n.a.	W30
T 31	19 26 9	19♋30'43	17♉33	12♌59	6♊16	2♋59	5♒42	6♍25	2♒44	11♋50	26♉28	15♍43	16♍37	16♈ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n34	4n10	2s19	25n30	1n47	10n10	3s22	23n51	0n55	20s 1	1s33	12n32	2n32	20s28	0s46	23n58	0n29	19n12	0s24	4n38	4n45	3n11		n.a.
W 2	23 38	7 51	3 11	25 37	1 48	10 31	3 20	23 56	0 56	20 2	1 33	12 30	2 31	20 28	0 46	23 57	0 29	19 13	0 24	4 40	4 47	3 13		n.a.
T 3	23 42	11 15	3 55	25 42	1 49	10 53	3 18	24 0	0 56	20 3	1 34	12 29	2 31	20 28	0 47	23 57	0 29	19 13	0 24	4 42	4 48	3 15		n.a.
F 4	23 45	14 14	4 30	25 44	1 49	11 14	3 16	24 5	0 56	20 4	1 34	12 27	2 31	20 29	0 47	23 57	0 29	19 14	0 24	4 46	4 49	3 17		n.a.
S 5	23 48	16 38	4 52	25 44	1 49	11 36	3 14	24 9	0 57	20 6	1 34	12 25	2 31	20 29	0 47	23 57	0 29	19 14	0 24	4 51	4 50	3 19		n.a.
S 6	23 50	18 17	5 1	25 42	1 48	11 57	3 12	24 14	0 57	20 7	1 35	12 24	2 30	20 30	0 47	23 57	0 29	19 14	0 24	4 56	4 52	3 21		n.a.
M 7	23 52	19 2	4 54	25 37	1 46	12 18	3 10	24 18	0 58	20 8	1 35	12 22	2 30	20 30	0 47	23 57	0 29	19 15	0 24	5 1	4 53	3 22		n.a.
T 8	23 54	18 46	4 32	25 30	1 44	12 40	3 7	24 22	0 58	20 10	1 35	12 21	2 30	20 31	0 47	23 56	0 29	19 15	0 24	5 5	4 54	3 24		n.a.
W 9	23 55	17 28	3 54	25 22	1 42	13 1	3 5	24 25	0 58	20 11	1 36	12 19	2 30	20 31	0 47	23 56	0 29	19 16	0 24	5 9	4 55	3 26		n.a.
T 10	23 55	15 10	3 3	25 11	1 39	13 22	3 2	24 29	0 59	20 13	1 36	12 17	2 30	20 31	0 47	23 56	0 29	19 16	0 24	5 12	4 57	3 28		n.a.
F 11	23 55	12 0	2 0	24 59	1 35	13 43	3 0	24 32	0 59	20 14	1 36	12 15	2 29	20 32	0 47	23 56	0 29	19 16	0 24	5 14	4 58	3 30		n.a.
S 12	23 55	8 8	0 50	24 45	1 32	14 4	2 57	24 35	0 59	20 16	1 36	12 14	2 29	20 32	0 47	23 56	0 29	19 17	0 24	5 14	4 59	3 32		n.a.
S 13	23 54	3 48	0n24	24 29	1 27	14 25	2 54	24 38	1 0	20 18	1 37	12 12	2 29	20 33	0 47	23 56	0 29	19 17	0 24	5 15	5 0	3 34		n.a.
M14	23 53	0s47	1 37	24 12	1 23	14 45	2 51	24 41	1 0	20 19	1 37	12 10	2 29	20 33	0 47	23 55	0 29	19 18	0 24	5 14	5 2	3 36		n.a.
T 15	23 52	5 21	2 45	23 54	1 18	15 6	2 48	24 44	1 0	20 21	1 37	12 8	2 29	20 34	0 47	23 55	0 29	19 18	0 24	5 15	5 3	3 38		n.a.
W16	23 50	9 38	3 42	23 34	1 13	15 26	2 45	24 46	1 1	20 23	1 38	12 6	2 28	20 34	0 47	23 55	0 29	19 18	0 24	5 16	5 4	3 40		n.a.
T 17	23 47	13 22	4 26	23 12	1 7	15 46	2 42	24 48	1 1	20 24	1 38	12 4	2 28	20 35	0 47	23 55	0 29	19 19	0 24	5 18	5 6	3 41		n.a.
F 18	23 44	16 18	4 54	22 50	1 2	16 6	2 39	24 50	1 1	20 26	1 38	12 2	2 28	20 35	0 47	23 55	0 29	19 19	0 24	5 21	5 7	3 43		n.a.
S 19	23 41	18 13	5 3	22 26	0 56	16 25	2 36	24 52	1 2	20 28	1 38	12 0	2 28	20 36	0 47	23 54	0 29	19 19	0 23	5 25	5 8	3 45		n.a.
S 20	23 37	19 2	4 53	22 2	0 49	16 45	2 32	24 54	1 2	20 30	1 39	11 58	2 28	20 36	0 47	23 54	0 29	19 20	0 23	5 29	5 9	3 47		n.a.
M21	23 33	18 42	4 27	21 36	0 43	17 4	2 29	24 55	1 2	20 32	1 39	11 56	2 28	20 37	0 47	23 54	0 29	19 20	0 23	5 34	5 11	3 49		n.a.
T 22	23 29	17 20	3 47	21 10	0 36	17 22	2 26	24 56	1 3	20 34	1 39	11 54	2 27	20 38	0 47	23 54	0 29	19 20	0 23	5 37	5 12	3 51		n.a.
W23	23 24	15 4	2 55	20 43	0 29	17 41	2 22	24 57	1 3	20 36	1 39	11 52	2 27	20 38	0 47	23 54	0 29	19 21	0 23	5 40	5 13	3 53		n.a.
T 24	23 18	12 8	1 56	20 15	0 22	17 59	2 19	24 58	1 3	20 37	1 40	11 50	2 27	20 39	0 47	23 54	0 29	19 21	0 23	5 42	5 14	3 55		n.a.
F 25	23 12	8 44	0 53	19 46	0 14	18 17	2 15	24 59	1 4	20 39	1 40	11 48	2 27	20 39	0 47	23 53	0 29	19 21	0 23	5 43	5 16	3 57		n.a.
S 26	23 6	5 1	0s12	19 17	0 7	18 34	2 11	24 59	1 4	20 41	1 40	11 46	2 27	20 40	0 47	23 53	0 29	19 22	0 23	5 43	5 17	3 58		n.a.
S 27	22 59	1 10	1 15	18 47	0s 1	18 52	2 8	25 0	1 4	20 43	1 40	11 44	2 27	20 40	0 47	23 53	0 29	19 22	0 23	5 43	5 18	4 0		n.a.
M28	22 52	2n41	2 15	18 17	0 9	19 8	2 4	25 0	1 5	20 45	1 41	11 42	2 26	20 41	0 47	23 53	0 29	19 22	0 23	5 43	5 19	4 2		n.a.
T 29	22 45	6 26	3 8	17 46	0 16	19 25	2 0	25 0	1 5	20 47	1 41	11 40	2 26	20 41	0 47	23 53	0 29	19 23	0 23	5 43	5 21	4 4		n.a.
W30	22 37	9 56	3 54	17 15	0 25	19 41	1 57	24 59	1 5	20 50	1 41	11 37	2 26	20 42	0 47	23 52	0 29	19 23	0 23	5 43	5 22	4 6		n.a.
T 31	22n28	13n 5	4s30	16n44	0s33	19n56	1s53	24n59	1n 6	20s52	1s41	11n35	2n26	20s42	0s47	23n52	0n29	19n23	0s23	5n45	5n23	4n 8		n.a.

Julian Day Number = 982338.5, Delta T = 13h12m20s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'10, Lahiri = -31°51'10 Julian Calendar 1 July 2024 BCE == Greg. Calendar 14 June 2024 BCE

The year -2023 astronomical counting style corresponds to year 2024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

AUGUST 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 30 5	20♋29'21	29♉50	14♌20	7♊23	3♋37	5°R34	6♍31	2°R42	11♋52	26♉29	15°R37	16♍34	16♈15	n.a.	F 1
S 2	19 34 2	21°28'03	12♊24	15°39	8°30	4°16	5♒27	6°37	2♒40	11°55	26°30	15♍29	16°31	16°21	n.a.	S 2
S 3	19 37 58	22°26'46	25°17	16°57	9°38	4°54	5°19	6°42	2°37	11°57	26°31	15°20	16°27	16°28	n.a.	S 3
M 4	19 41 55	23°25'32	8♋30	18°14	10°45	5°32	5°11	6°48	2°35	11°59	26°32	15°10	16°24	16°35	n.a.	M 4
T 5	19 45 51	24°24'20	22° 1	19°29	11°53	6°10	5° 4	6°54	2°33	12° 1	26°33	15° 2	16°21	16°41	n.a.	T 5
W 6	19 49 48	25°23'10	5♌48	20°42	13° 1	6°49	4°56	7° 0	2°30	12° 3	26°34	14°55	16°18	16°48	n.a.	W 6
T 7	19 53 45	26°22'02	19°48	21°53	14° 9	7°27	4°48	7° 5	2°28	12° 6	26°35	14°50	16°15	16°55	n.a.	T 7
F 8	19 57 41	27°20'56	3♍56	23° 3	15°18	8° 5	4°40	7°11	2°25	12° 8	26°36	14°48	16°12	17° 1	n.a.	F 8
S 9	20 1 38	28°19'53	18° 9	24°10	16°26	8°43	4°32	7°17	2°23	12°10	26°37	14°D47	16° 8	17° 8	n.a.	S 9
S 10	20 5 34	29°18'51	2♎23	25°16	17°35	9°22	4°24	7°23	2°21	12°12	26°37	14°48	16° 5	17°15	n.a.	S 10
M11	20 9 31	0♌17'51	16°36	26°19	18°44	10° 0	4°16	7°29	2°18	12°14	26°38	14°49	16° 2	17°21	n.a.	M11
T 12	20 13 27	1°16'53	0♏46	27°20	19°53	10°38	4° 8	7°36	2°16	12°16	26°39	14°R50	15°59	17°28	n.a.	T 12
W13	20 17 24	2°15'57	14°51	28°18	21° 2	11°16	4° 0	7°42	2°13	12°18	26°40	14°49	15°56	17°35	n.a.	W13
T 14	20 21 20	3°15'03	28°51	29°14	22°11	11°55	3°52	7°48	2°11	12°21	26°41	14°47	15°52	17°41	n.a.	T 14
F 15	20 25 17	4°14'10	12♐42	0♍ 6	23°21	12°33	3°44	7°54	2° 9	12°23	26°41	14°42	15°49	17°48	n.a.	F 15
S 16	20 29 13	5°13'20	26°25	0°56	24°30	13°11	3°36	8° 0	2° 6	12°25	26°42	14°37	15°46	17°55	n.a.	S 16
S 17	20 33 10	6°12'32	9♑56	1°41	25°40	13°49	3°28	8° 7	2° 4	12°27	26°43	14°30	15°43	18° 1	n.a.	S 17
M18	20 37 7	7°11'46	23°13	2°23	26°50	14°28	3°20	8°13	2° 1	12°29	26°43	14°24	15°40	18° 8	n.a.	M18
T 19	20 41 3	8°11'02	6♒16	3° 1	28° 0	15° 6	3°12	8°19	1°59	12°31	26°44	14°18	15°37	18°15	n.a.	T 19
W20	20 45 0	9°10'21	19° 3	3°34	29°10	15°44	3° 4	8°26	1°57	12°33	26°45	14°14	15°33	18°21	n.a.	W20
T 21	20 48 56	10° 9'41	1♓34	4° 2	0♋21	16°23	2°56	8°32	1°54	12°35	26°45	14°12	15°30	18°28	n.a.	T 21
F 22	20 52 53	11° 9'04	13°50	4°25	1°31	17° 1	2°48	8°39	1°52	12°37	26°46	14°D11	15°27	18°35	n.a.	F 22
S 23	20 56 49	12° 8'29	25°54	4°42	2°42	17°39	2°40	8°45	1°49	12°39	26°47	14°12	15°24	18°41	n.a.	S 23
S 24	21 0 46	13° 7'57	7♈49	4°52	3°53	18°17	2°32	8°52	1°47	12°41	26°47	14°13	15°21	18°48	n.a.	S 24
M25	21 4 42	14° 7'27	19°39	4°R56	5° 4	18°56	2°25	8°59	1°45	12°43	26°48	14°15	15°17	18°55	n.a.	M25
T 26	21 8 39	15° 6'59	1♉28	4°53	6°15	19°34	2°17	9° 5	1°42	12°45	26°48	14°17	15°14	19° 1	n.a.	T 26
W27	21 12 35	16° 6'34	13°22	4°41	7°26	20°12	2° 9	9°12	1°40	12°47	26°49	14°R17	15°11	19° 8	n.a.	W27
T 28	21 16 32	17° 6'11	25°24	4°22	8°37	20°51	2° 2	9°19	1°38	12°49	26°49	14°17	15° 8	19°15	n.a.	T 28
F 29	21 20 28	18° 5'51	7♊41	3°55	9°48	21°29	1°54	9°25	1°35	12°51	26°49	14°16	15° 5	19°21	n.a.	F 29
S 30	21 24 25	19° 5'34	20°16	3°19	11° 0	22° 7	1°47	9°32	1°33	12°53	26°50	14°13	15° 2	19°28	n.a.	S 30
S 31	21 28 22	20♌ 5'19	3♋12	2♍35	12♋11	22♋46	1♒40	9♍39	1♒31	12♋55	26♉50	14♍10	14♍58	19♈35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n19	15n43	4s55	16n13	0s41	20n12	1s49	24n58	1n 6	20s54	1s41	11n33	2n26	20s43	0s47	23n52	0n29	19n24	0s23	5n47	5n24	4n10		n.a.
S 2	22 10	17 41	5 6	15 41	0 49	20 26	1 45	24 57	1 6	20 56	1 41	11 31	2 26	20 44	0 47	23 52	0 29	19 24	0 23	5 50	5 26	4 12		n.a.
S 3	22 1	18 49	5 2	15 9	0 58	20 41	1 41	24 56	1 7	20 58	1 42	11 28	2 25	20 44	0 47	23 52	0 29	19 24	0 23	5 54	5 27	4 14		n.a.
M 4	21 51	18 58	4 42	14 38	1 6	20 54	1 37	24 55	1 7	21 0	1 42	11 26	2 25	20 45	0 47	23 52	0 29	19 24	0 23	5 57	5 28	4 16		n.a.
T 5	21 40	18 3	4 6	14 6	1 15	21 8	1 33	24 54	1 7	21 2	1 42	11 24	2 25	20 45	0 47	23 51	0 29	19 25	0 22	6 1	5 29	4 17		n.a.
W 6	21 29	16 4	3 14	13 34	1 23	21 20	1 30	24 52	1 7	21 4	1 42	11 21	2 25	20 46	0 47	23 51	0 29	19 25	0 22	6 3	5 31	4 19		n.a.
T 7	21 18	13 6	2 11	13 3	1 32	21 33	1 26	24 50	1 8	21 6	1 42	11 19	2 25	20 46	0 47	23 51	0 29	19 25	0 22	6 5	5 32	4 21		n.a.
F 8	21 7	9 22	0 58	12 32	1 40	21 44	1 22	24 48	1 8	21 8	1 42	11 17	2 25	20 47	0 47	23 51	0 29	19 26	0 22	6 6	5 33	4 23		n.a.
S 9	20 55	5 3	0n18	12 2	1 49	21 56	1 18	24 46	1 8	21 10	1 42	11 14	2 25	20 48	0 47	23 51	0 29	19 26	0 22	6 6	5 35	4 25		n.a.
S 10	20 42	0 28	1 34	11 32	1 57	22 6	1 14	24 44	1 9	21 12	1 43	11 12	2 25	20 48	0 47	23 50	0 29	19 26	0 22	6 6	5 36	4 27		n.a.
M11	20 30	4s 8	2 44	11 2	2 5	22 17	1 10	24 41	1 9	21 14	1 43	11 9	2 24	20 49	0 47	23 50	0 29	19 26	0 22	6 6	5 37	4 29		n.a.
T 12	20 17	8 30	3 43	10 34	2 13	22 26	1 6	24 38	1 9	21 16	1 43	11 7	2 24	20 49	0 47	23 50	0 29	19 27	0 22	6 5	5 38	4 31		n.a.
W13	20 3	12 20	4 29	10 6	2 21	22 35	1 2	24 35	1 10	21 19	1 43	11 5	2 24	20 50	0 47	23 50	0 30	19 27	0 22	6 6	5 40	4 33		n.a.
T 14	19 49	15 27	4 58	9 39	2 29	22 43	0 58	24 32	1 10	21 21	1 43	11 2	2 24	20 50	0 47	23 50	0 30	19 27	0 22	6 7	5 41	4 34		n.a.
F 15	19 35	17 39	5 10	9 13	2 37	22 51	0 54	24 29	1 10	21 23	1 43	11 0	2 24	20 51	0 47	23 49	0 30	19 27	0 22	6 8	5 42	4 36		n.a.
S 16	19 21	18 49	5 4	8 48	2 45	22 58	0 50	24 25	1 10	21 25	1 43	10 57	2 24	20 51	0 47	23 49	0 30	19 27	0 22	6 11	5 43	4 38		n.a.
S 17	19 6	18 53	4 40	8 25	2 52	23 5	0 46	24 22	1 11	21 27	1 43	10 55	2 24	20 52	0 47	23 49	0 30	19 28	0 22	6 13	5 45	4 40		n.a.
M18	18 51	17 54	4 2	8 4	2 58	23 11	0 42	24 18	1 11	21 29	1 43	10 52	2 24	20 53	0 47	23 49	0 30	19 28	0 22	6 16	5 46	4 42		n.a.
T 19	18 35	15 59	3 12	7 44	3 5	23 16	0 38	24 14	1 11	21 31	1 43	10 49	2 24	20 53	0 47	23 49	0 30	19 28	0 22	6 18	5 47	4 44		n.a.
W20	18 19	13 19	2 13	7 27	3 11	23 21	0 35	24 9	1 11	21 32	1 43	10 47	2 23	20 54	0 47	23 49	0 30	19 28	0 22	6 19	5 48	4 46		n.a.
T 21	18 3	10 4	1 9	7 11	3 16	23 25	0 31	24 5	1 12	21 34	1 43	10 44	2 23	20 54	0 47	23 48	0 30	19 29	0 22	6 20	5 50	4 48		n.a.
F 22	17 47	6 27	0 2	6 58	3 21	23 28	0 27	24 0	1 12	21 36	1 43	10 42	2 23	20 55	0 47	23 48	0 30	19 29	0 22	6 21	5 51	4 50		n.a.
S 23	17 30	2 38	1s 4	6 48	3 25	23 31	0 23	23 56	1 12	21 38	1 43	10 39	2 23	20 55	0 47	23 48	0 30	19 29	0 22	6 21	5 52	4 51		n.a.
S 24	17 13	1n14	2 6	6 42	3 28	23 33	0 19	23 51	1 13	21 40	1 43	10 37	2 23	20 56	0 47	23 48	0 30	19 29	0 21	6 20	5 53	4 53		n.a.
M25	16 55	5 2	3 2	6 38	3 31	23 34	0 16	23 45	1 13	21 42	1 43	10 34	2 23	20 56	0 47	23 48	0 30	19 29	0 21	6 19	5 55	4 55		n.a.
T 26	16 38	8 37	3 51	6 38	3 32	23 34	0 12	23 40	1 13	21 43	1 43	10 31	2 23	20 57	0 47	23 48	0 30	19 29	0 21	6 19	5 56	4 57		n.a.
W27	16 20	11 53	4 30	6 42	3 32	23 34	0 8	23 35	1 13	21 45	1 43	10 29	2 23	20 57	0 47	23 47	0 30	19 30	0 21	6 18	5 57	4 59		n.a.
T 28	16 1	14 41	4 58	6 51	3 30	23 34	0 5	23 29	1 14	21 47	1 43	10 26	2 23	20 58	0 47	23 47	0 30	19 30	0 21	6 18	5 58	5 1		n.a.
F 29	15 43	16 54	5 13	7 4	3 27	23 32	0 1	23 23	1 14	21 49	1 43	10 23	2 23	20 58	0 47	23 47	0 30	19 30	0 21	6 19	6 0	5 3		n.a.
S 30	15 24	18 22	5 13	7 21	3 22	23 30	0n 2	23 17	1 14	21 50	1 43	10 21	2 23	20 59	0 47	23 47	0 30	19 30	0 21	6 20	6 1	5 5		n.a.
S 31	15n 5	18n56	4s58	7n44	3s16	23n27	0n 6	23n11	1n14	21s52	1s43	10n18	2n23	20s59	0s47	23n47	0n30	19n30	0s21	6n21	6n 2	5n 6		n.a.

Julian Day Number = 982369.5, Delta T = 13h12m18s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'06, Lahiri = -31°51'06 Julian Calendar 1 Aug. 2024 BCE == Greg. Calendar 15 July 2024 BCE

The year -2023 astronomical counting style corresponds to year 2024 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

SEPTEMBER 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 32 18	21♌ 5'06	16♋32	1°R43	13♋23	23♋24	1°R32	9♍46	1°R29	12♋56	26♉51	14°R 6	14♍55	19♈41	n.a.	M 1
T 2	21 36 15	22° 4'55	0♌16	0♍43	14°35	24° 3	1♒25	9°52	1♒26	12°58	26°51	14♍ 3	14°52	19°48	n.a.	T 2
W 3	21 40 11	23° 4'47	14°21	29♌37	15°47	24°41	1°18	9°59	1°24	13° 0	26°51	14° 0	14°49	19°55	n.a.	W 3
T 4	21 44 8	24° 4'41	28°43	28°27	16°59	25°19	1°12	10° 6	1°22	13° 2	26°51	13°58	14°46	20° 1	n.a.	T 4
F 5	21 48 4	25° 4'37	13♍18	27°13	18°11	25°58	1° 5	10°13	1°20	13° 4	26°52	13°D58	14°43	20° 8	n.a.	F 5
S 6	21 52 1	26° 4'35	27°58	25°58	19°23	26°36	0°58	10°20	1°18	13° 5	26°52	13°58	14°39	20°15	n.a.	S 6
S 7	21 55 57	27° 4'35	12♎37	24°44	20°36	27°14	0°52	10°27	1°16	13° 7	26°52	13°59	14°36	20°21	n.a.	S 7
M 8	21 59 54	28° 4'37	27°10	23°33	21°48	27°53	0°45	10°34	1°14	13° 9	26°52	14° 0	14°33	20°28	n.a.	M 8
T 9	22 3 50	29° 4'40	11♏33	22°28	23° 1	28°31	0°39	10°41	1°12	13°10	26°52	14° 1	14°30	20°35	n.a.	T 9
W10	22 7 47	0♍ 4'46	25°42	21°30	24°13	29°10	0°33	10°48	1° 9	13°12	26°52	14°R 2	14°27	20°41	n.a.	W10
T 11	22 11 44	1° 4'53	9♐35	20°41	25°26	29°48	0°27	10°55	1° 7	13°14	26°53	14° 2	14°23	20°48	n.a.	T 11
F 12	22 15 40	2° 5'02	23°14	20° 2	26°39	0♌26	0°22	11° 2	1° 6	13°15	26°53	14° 1	14°20	20°55	n.a.	F 12
S 13	22 19 37	3° 5'13	6♑36	19°34	27°52	1° 5	0°16	11° 9	1° 4	13°17	26°53	14° 0	14°17	21° 1	n.a.	S 13
S 14	22 23 33	4° 5'25	19°44	19°18	29° 5	1°43	0°11	11°16	1° 2	13°19	26°R53	13°59	14°14	21° 8	n.a.	S 14
M15	22 27 30	5° 5'39	2♒37	19°D13	0♌18	2°22	0° 5	11°23	1° 0	13°20	26°53	13°57	14°11	21°15	n.a.	M15
T 16	22 31 26	6° 5'55	15°18	19°20	1°31	3° 0	0° 0	11°30	0°58	13°22	26°53	13°56	14° 8	21°22	n.a.	T 16
W17	22 35 23	7° 6'13	27°46	19°37	2°44	3°39	29♑55	11°37	0°56	13°23	26°53	13°56	14° 4	21°28	n.a.	W17
T 18	22 39 19	8° 6'32	10♓ 2	20° 4	3°57	4°17	29°50	11°44	0°54	13°25	26°53	13°D55	14° 1	21°35	n.a.	T 18
F 19	22 43 16	9° 6'54	22° 9	20°41	5°11	4°55	29°46	11°51	0°53	13°26	26°52	13°55	13°58	21°42	n.a.	F 19
S 20	22 47 12	10° 7'17	4♈ 7	21°26	6°24	5°34	29°41	11°58	0°51	13°27	26°52	13°56	13°55	21°48	n.a.	S 20
S 21	22 51 9	11° 7'43	16° 0	22°18	7°38	6°12	29°37	12° 5	0°49	13°29	26°52	13°56	13°52	21°55	n.a.	S 21
M22	22 55 6	12° 8'10	27°49	23°17	8°51	6°51	29°33	12°12	0°48	13°30	26°52	13°56	13°49	22° 2	n.a.	M22
T 23	22 59 2	13° 8'40	9♉38	24°22	10° 5	7°29	29°29	12°19	0°46	13°32	26°52	13°56	13°45	22° 8	n.a.	T 23
W24	23 2 59	14° 9'11	21°31	25°31	11°19	8° 8	29°26	12°26	0°44	13°33	26°52	13°R56	13°42	22°15	n.a.	W24
T 25	23 6 55	15° 9'45	3♊32	26°46	12°33	8°46	29°22	12°33	0°43	13°34	26°51	13°56	13°39	22°22	n.a.	T 25
F 26	23 10 52	16°10'20	15°45	28° 3	13°47	9°25	29°19	12°40	0°41	13°35	26°51	13°D56	13°36	22°28	n.a.	F 26
S 27	23 14 48	17°10'58	28°15	29°24	15° 1	10° 3	29°16	12°47	0°40	13°37	26°51	13°56	13°33	22°35	n.a.	S 27
S 28	23 18 45	18°11'37	11♋ 7	0♍48	16°15	10°42	29°13	12°54	0°38	13°38	26°50	13°57	13°29	22°42	n.a.	S 28
M29	23 22 41	19°12'19	24°23	2°14	17°29	11°20	29°10	13° 1	0°37	13°39	26°50	13°57	13°26	22°48	n.a.	M29
T 30	23 26 38	20♍13'02	8♌ 5	3♍42	18♌43	11♌59	29♑ 8	13♍ 8	0♒36	13♋40	26♉50	13♍58	13♍23	22♈55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n45	18n29	4s26	8n10	3s 7	23n23	0n 9	23n 4	1n15	21s53	1s43	10n15	2n23	21s 0	0s47	23n47	0n30	19n30	0s21	6n23	6n 3	5n 8		n.a.
T 2	14 26	16 57	3 38	8 42	2 57	23 19	0 13	22 58	1 15	21 55	1 43	10 13	2 22	21 0	0 47	23 46	0 30	19 30	0 21	6 24	6 5	5 10		n.a.
W 3	14 6	14 22	2 36	9 17	2 44	23 14	0 16	22 51	1 15	21 57	1 43	10 10	2 22	21 1	0 47	23 46	0 30	19 31	0 21	6 25	6 6	5 12		n.a.
T 4	13 46	10 51	1 23	9 55	2 30	23 9	0 20	22 44	1 15	21 58	1 43	10 7	2 22	21 1	0 47	23 46	0 30	19 31	0 21	6 26	6 7	5 14		n.a.
F 5	13 25	6 38	0 4	10 36	2 13	23 2	0 23	22 37	1 16	21 59	1 43	10 5	2 22	21 2	0 47	23 46	0 30	19 31	0 21	6 26	6 8	5 16		n.a.
S 6	13 5	2 0	1n17	11 19	1 55	22 55	0 26	22 30	1 16	22 1	1 43	10 2	2 22	21 2	0 47	23 46	0 30	19 31	0 21	6 26	6 10	5 18		n.a.
S 7	12 44	2s45	2 32	12 2	1 36	22 47	0 29	22 23	1 16	22 2	1 42	9 59	2 22	21 3	0 47	23 46	0 30	19 31	0 21	6 25	6 11	5 20		n.a.
M 8	12 23	7 18	3 37	12 44	1 16	22 39	0 32	22 15	1 16	22 3	1 42	9 56	2 22	21 3	0 47	23 46	0 30	19 31	0 21	6 25	6 12	5 22		n.a.
T 9	12 2	11 22	4 28	13 25	0 56	22 30	0 35	22 7	1 17	22 5	1 42	9 54	2 22	21 4	0 47	23 45	0 30	19 31	0 21	6 25	6 13	5 23		n.a.
W10	11 40	14 42	5 1	14 4	0 36	22 20	0 38	22 0	1 17	22 6	1 42	9 51	2 22	21 4	0 47	23 45	0 30	19 31	0 21	6 24	6 15	5 25		n.a.
T 11	11 19	17 8	5 16	14 39	0 16	22 10	0 41	21 51	1 17	22 7	1 42	9 48	2 22	21 5	0 47	23 45	0 30	19 31	0 20	6 24	6 16	5 27		n.a.
F 12	10 57	18 32	5 13	15 9	0n 4	21 58	0 44	21 43	1 17	22 8	1 42	9 46	2 22	21 5	0 47	23 45	0 30	19 31	0 20	6 25	6 17	5 29		n.a.
S 13	10 35	18 53	4 53	15 35	0 22	21 47	0 47	21 35	1 18	22 9	1 42	9 43	2 22	21 5	0 47	23 45	0 30	19 31	0 20	6 25	6 18	5 31		n.a.
S 14	10 12	18 12	4 18	15 57	0 39	21 34	0 50	21 26	1 18	22 10	1 42	9 40	2 22	21 6	0 47	23 45	0 30	19 32	0 20	6 26	6 20	5 33		n.a.
M15	9 50	16 34	3 30	16 13	0 54	21 21	0 53	21 18	1 18	22 11	1 41	9 37	2 22	21 6	0 47	23 45	0 30	19 32	0 20	6 26	6 21	5 35		n.a.
T 16	9 27	14 9	2 32	16 24	1 8	21 7	0 55	21 9	1 18	22 12	1 41	9 35	2 22	21 7	0 47	23 44	0 30	19 32	0 20	6 27	6 22	5 37		n.a.
W17	9 5	11 7	1 29	16 30	1 21	20 53	0 58	21 0	1 18	22 13	1 41	9 32	2 22	21 7	0 47	23 44	0 30	19 32	0 20	6 27	6 23	5 38		n.a.
T 18	8 42	7 38	0 22	16 32	1 32	20 38	1 0	20 51	1 19	22 14	1 41	9 29	2 22	21 7	0 47	23 44	0 30	19 32	0 20	6 27	6 25	5 40		n.a.
F 19	8 19	3 52	0s46	16 29	1 41	20 22	1 3	20 42	1 19	22 15	1 41	9 26	2 22	21 8	0 47	23 44	0 30	19 32	0 20	6 27	6 26	5 42		n.a.
S 20	7 56	0 0	1 50	16 22	1 49	20 6	1 5	20 32	1 19	22 16	1 41	9 24	2 22	21 8	0 47	23 44	0 30	19 32	0 20	6 27	6 27	5 44		n.a.
S 21	7 32	3n49	2 49	16 10	1 55	19 49	1 7	20 23	1 19	22 17	1 40	9 21	2 22	21 8	0 47	23 44	0 30	19 32	0 20	6 27	6 28	5 46		n.a.
M22	7 9	7 29	3 41	15 55	2 0	19 31	1 9	20 13	1 19	22 17	1 40	9 18	2 22	21 9	0 47	23 44	0 30	19 32	0 20	6 27	6 30	5 48		n.a.
T 23	6 45	10 51	4 23	15 37	2 4	19 13	1 12	20 3	1 20	22 18	1 40	9 15	2 22	21 9	0 47	23 44	0 30	19 32	0 20	6 26	6 31	5 50		n.a.
W24	6 21	13 47	4 54	15 16	2 7	18 55	1 14	19 53	1 20	22 18	1 40	9 13	2 22	21 9	0 47	23 43	0 30	19 32	0 20	6 26	6 32	5 52		n.a.
T 25	5 58	16 10	5 13	14 52	2 9	18 35	1 16	19 43	1 20	22 19	1 40	9 10	2 22	21 10	0 47	23 43	0 31	19 32	0 20	6 26	6 33	5 53		n.a.
F 26	5 34	17 53	5 18	14 25	2 10	18 16	1 18	19 33	1 20	22 20	1 39	9 7	2 22	21 10	0 47	23 43	0 31	19 32	0 20	6 26	6 35	5 55		n.a.
S 27	5 10	18 47	5 8	13 56	2 10	17 55	1 19	19 22	1 20	22 20	1 39	9 4	2 22	21 10	0 47	23 43	0 31	19 32	0 20	6 26	6 36	5 57		n.a.
S 28	4 46	18 45	4 43	13 25	2 9	17 35	1 21	19 12	1 21	22 20	1 39	9 2	2 22	21 11	0 47	23 43	0 31	19 32	0 20	6 26	6 37	5 59		n.a.
M29	4 21	17 42	4 2	12 52	2 8	17 13	1 23	19 1	1 21	22 21	1 39	8 59	2 22	21 11	0 47	23 43	0 31	19 32	0 19	6 26	6 38	6 1		n.a.
T 30	3n57	15n37	3s 7	12n18	2n 6	16n51	1n24	18n50	1n21	22s21	1s39	8n56	2n22	21s11	0s47	23n43	0n31	19n32	0s19	6n26	6n40	6n 3		n.a.

Julian Day Number = 982400.5, Delta T = 13h12m15s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°58'02, Lahiri = -31°51'02 Julian Calendar 1 Sept. 2024 BCE == Greg. Calendar 15 Aug. 2024 BCE

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

OCTOBER 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 30 35	21♍13'47	22♌14	5♍11	19♌57	12♌37	29°R 5	13♍15	0°R34	13♋41	26°R49	13♍58	13♍20	23♈ 2	n.a.	W 1
T 2	23 34 31	22°14'34	6♍46	6°42	21°11	13°16	29♑ 3	13°22	0♒33	13°42	26♉49	13°R59	13°17	23° 8	n.a.	T 2
F 3	23 38 28	23°15'22	21°38	8°13	22°26	13°54	29° 1	13°29	0°32	13°43	26°48	13°59	13°14	23°15	n.a.	F 3
S 4	23 42 24	24°16'12	6♎41	9°45	23°40	14°33	29° 0	13°36	0°31	13°44	26°48	13°58	13°10	23°22	n.a.	S 4
S 5	23 46 21	25°17'04	21°46	11°18	24°54	15°11	28°58	13°43	0°30	13°45	26°47	13°57	13° 7	23°28	n.a.	S 5
M 6	23 50 17	26°17'56	6♏44	12°52	26° 9	15°50	28°57	13°50	0°29	13°46	26°47	13°56	13° 4	23°35	n.a.	M 6
T 7	23 54 14	27°18'50	21°28	14°26	27°23	16°28	28°56	13°57	0°28	13°47	26°46	13°54	13° 1	23°42	n.a.	T 7
W 8	23 58 10	28°19'46	5♐52	16° 0	28°38	17° 7	28°55	14° 4	0°27	13°48	26°46	13°53	12°58	23°48	n.a.	W 8
T 9	0 2 7	29°20'42	19°53	17°34	29°52	17°45	28°54	14°11	0°26	13°49	26°45	13°52	12°54	23°55	n.a.	T 9
F 10	0 6 3	0♎21'39	3♑30	19° 9	1♍ 7	18°24	28°54	14°18	0°25	13°50	26°45	13°D52	12°51	24° 2	n.a.	F 10
S 11	0 10 0	1°22'37	16°44	20°44	2°22	19° 3	28°54	14°25	0°24	13°50	26°44	13°52	12°48	24° 8	n.a.	S 11
S 12	0 13 57	2°23'37	29°39	22°18	3°36	19°41	28°D54	14°32	0°23	13°51	26°43	13°53	12°45	24°15	n.a.	S 12
M13	0 17 53	3°24'37	12♒15	23°53	4°51	20°20	28°54	14°39	0°23	13°52	26°43	13°55	12°42	24°22	n.a.	M13
T 14	0 21 50	4°25'38	24°38	25°28	6° 6	20°58	28°54	14°45	0°22	13°53	26°42	13°56	12°39	24°28	n.a.	T 14
W15	0 25 46	5°26'40	6♓50	27° 2	7°21	21°37	28°55	14°52	0°21	13°53	26°41	13°57	12°35	24°35	n.a.	W15
T 16	0 29 43	6°27'43	18°53	28°37	8°36	22°15	28°56	14°59	0°21	13°54	26°40	13°R58	12°32	24°42	n.a.	T 16
F 17	0 33 39	7°28'47	0♈50	0♎11	9°50	22°54	28°57	15° 6	0°20	13°54	26°40	13°56	12°29	24°49	n.a.	F 17
S 18	0 37 36	8°29'52	12°43	1°46	11° 5	23°32	28°58	15°12	0°20	13°55	26°39	13°54	12°26	24°55	n.a.	S 18
S 19	0 41 32	9°30'58	24°33	3°20	12°20	24°11	28°59	15°19	0°19	13°55	26°38	13°50	12°23	25° 2	n.a.	S 19
M20	0 45 29	10°32'06	6♉23	4°55	13°35	24°49	29° 1	15°26	0°19	13°56	26°37	13°46	12°20	25° 9	n.a.	M20
T 21	0 49 26	11°33'14	18°15	6°29	14°50	25°28	29° 3	15°32	0°18	13°56	26°36	13°40	12°16	25°15	n.a.	T 21
W22	0 53 22	12°34'23	0♊10	8° 3	16° 5	26° 7	29° 5	15°39	0°18	13°57	26°36	13°35	12°13	25°22	n.a.	W22
T 23	0 57 19	13°35'34	12°12	9°38	17°20	26°45	29° 7	15°45	0°18	13°57	26°35	13°31	12°10	25°29	n.a.	T 23
F 24	1 1 15	14°36'45	24°24	11°12	18°35	27°24	29° 9	15°52	0°18	13°58	26°34	13°28	12° 7	25°35	n.a.	F 24
S 25	1 5 12	15°37'58	6♋51	12°46	19°50	28° 2	29°12	15°58	0°18	13°58	26°33	13°26	12° 4	25°42	n.a.	S 25
S 26	1 9 8	16°39'12	19°35	14°21	21° 5	28°41	29°15	16° 5	0°18	13°58	26°32	13°D25	12° 0	25°49	n.a.	S 26
M27	1 13 5	17°40'26	2♌41	15°55	22°21	29°20	29°18	16°11	0°D18	13°58	26°31	13°26	11°57	25°55	n.a.	M27
T 28	1 17 2	18°41'42	16°13	17°30	23°36	29°58	29°21	16°17	0°18	13°59	26°30	13°28	11°54	26° 2	n.a.	T 28
W29	1 20 58	19°42'58	0♍12	19° 4	24°51	0♍37	29°24	16°24	0°18	13°59	26°29	13°29	11°51	26° 9	n.a.	W29
T 30	1 24 55	20°44'16	14°38	20°39	26° 6	1°15	29°28	16°30	0°18	13°59	26°28	13°R30	11°48	26°15	n.a.	T 30
F 31	1 28 51	21♎45'34	29♍28	22♎13	27♍21	1♍54	29♑32	16♍36	0♒18	13♋59	26♉27	13♍29	11♍45	26♈22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	3n33	12n32	1s58	11n42	2n 3	16n29	1n26	18n40	1n21	22s21	1s38	8n53	2n22	21s11	0s47	23n43	0n31	19n32	0s19	6n26	6n41	6n 5			n.a.
T 2	3 8	8 35	0 40	11 5	2 0	16 6	1 27	18 28	1 21	22 22	1 38	8 51	2 22	21 12	0 46	23 43	0 31	19 32	0 19	6 26	6 42	6 7			n.a.
F 3	2 44	4 2	0n42	10 27	1 56	15 43	1 29	18 17	1 22	22 22	1 38	8 48	2 22	21 12	0 46	23 43	0 31	19 32	0 19	6 26	6 43	6 8			n.a.
S 4	2 19	0s50	2 3	9 48	1 52	15 19	1 30	18 6	1 22	22 22	1 38	8 45	2 22	21 12	0 46	23 43	0 31	19 32	0 19	6 26	6 45	6 10			n.a.
S 5	1 55	5 39	3 15	9 7	1 48	14 55	1 31	17 55	1 22	22 22	1 37	8 43	2 22	21 12	0 46	23 42	0 31	19 31	0 19	6 26	6 46	6 12			n.a.
M 6	1 30	10 4	4 13	8 27	1 43	14 30	1 32	17 43	1 22	22 22	1 37	8 40	2 23	21 13	0 46	23 42	0 31	19 31	0 19	6 27	6 47	6 14			n.a.
T 7	1 5	13 47	4 53	7 45	1 38	14 5	1 33	17 31	1 22	22 22	1 37	8 37	2 23	21 13	0 46	23 42	0 31	19 31	0 19	6 27	6 48	6 16			n.a.
W 8	0 41	16 34	5 14	7 3	1 33	13 40	1 34	17 20	1 22	22 22	1 37	8 35	2 23	21 13	0 46	23 42	0 31	19 31	0 19	6 28	6 49	6 18			n.a.
T 9	0 16	18 18	5 15	6 21	1 27	13 14	1 35	17 8	1 23	22 22	1 36	8 32	2 23	21 13	0 46	23 42	0 31	19 31	0 19	6 28	6 51	6 20			n.a.
F 10	0s 9	18 54	4 58	5 38	1 22	12 47	1 36	16 56	1 23	22 22	1 36	8 29	2 23	21 13	0 46	23 42	0 31	19 31	0 19	6 28	6 52	6 22			n.a.
S 11	0 33	18 27	4 26	4 54	1 16	12 21	1 37	16 44	1 23	22 22	1 36	8 27	2 23	21 13	0 46	23 42	0 31	19 31	0 19	6 28	6 53	6 23			n.a.
S 12	0 58	17 2	3 41	4 11	1 10	11 54	1 38	16 31	1 23	22 21	1 36	8 24	2 23	21 14	0 46	23 42	0 31	19 31	0 19	6 28	6 54	6 25			n.a.
M13	1 23	14 48	2 46	3 27	1 4	11 26	1 38	16 19	1 23	22 21	1 35	8 21	2 23	21 14	0 46	23 42	0 31	19 31	0 19	6 27	6 56	6 27			n.a.
T 14	1 48	11 56	1 45	2 43	0 58	10 59	1 39	16 7	1 23	22 21	1 35	8 19	2 23	21 14	0 46	23 42	0 31	19 31	0 19	6 26	6 57	6 29			n.a.
W15	2 12	8 34	0 39	1 59	0 51	10 31	1 39	15 54	1 24	22 20	1 35	8 16	2 23	21 14	0 46	23 42	0 31	19 31	0 19	6 26	6 58	6 31			n.a.
T 16	2 37	4 54	0s27	1 15	0 45	10 3	1 39	15 41	1 24	22 20	1 35	8 14	2 23	21 14	0 46	23 42	0 31	19 30	0 18	6 26	6 59	6 33			n.a.
F 17	3 2	1 4	1 32	0 31	0 38	9 34	1 40	15 29	1 24	22 19	1 34	8 11	2 23	21 14	0 46	23 42	0 31	19 30	0 18	6 26	7 1	6 35			n.a.
S 18	3 26	2n48	2 32	0s14	0 32	9 5	1 40	15 16	1 24	22 19	1 34	8 8	2 23	21 14	0 46	23 42	0 31	19 30	0 18	6 27	7 2	6 36			n.a.
S 19	3 51	6 32	3 25	0 58	0 25	8 36	1 40	15 3	1 24	22 18	1 34	8 6	2 24	21 14	0 46	23 42	0 31	19 30	0 18	6 29	7 3	6 38			n.a.
M20	4 15	10 0	4 9	1 42	0 19	8 7	1 40	14 50	1 24	22 18	1 34	8 3	2 24	21 14	0 46	23 42	0 31	19 30	0 18	6 31	7 4	6 40			n.a.
T 21	4 40	13 5	4 43	2 26	0 12	7 37	1 40	14 37	1 24	22 17	1 33	8 1	2 24	21 14	0 46	23 42	0 31	19 30	0 18	6 33	7 6	6 42			n.a.
W22	5 4	15 38	5 4	3 10	0 6	7 7	1 40	14 23	1 25	22 16	1 33	7 58	2 24	21 14	0 46	23 42	0 31	19 30	0 18	6 35	7 7	6 44			n.a.
T 23	5 28	17 33	5 13	3 54	0s 1	6 37	1 40	14 10	1 25	22 16	1 33	7 56	2 24	21 14	0 46	23 42	0 31	19 29	0 18	6 36	7 8	6 46			n.a.
F 24	5 52	18 41	5 7	4 38	0 7	6 7	1 39	13 57	1 25	22 15	1 33	7 53	2 24	21 14	0 46	23 42	0 31	19 29	0 18	6 38	7 9	6 48			n.a.
S 25	6 16	18 58	4 47	5 21	0 14	5 37	1 39	13 43	1 25	22 14	1 32	7 51	2 24	21 14	0 46	23 42	0 31	19 29	0 18	6 38	7 11	6 49			n.a.
S 26	6 40	18 17	4 13	6 4	0 20	5 6	1 38	13 30	1 25	22 13	1 32	7 48	2 24	21 14	0 46	23 42	0 31	19 29	0 18	6 39	7 12	6 51			n.a.
M27	7 4	16 38	3 25	6 47	0 26	4 35	1 38	13 16	1 25	22 12	1 32	7 46	2 24	21 14	0 46	23 42	0 31	19 29	0 18	6 38	7 13	6 53			n.a.
T 28	7 28	14 1	2 23	7 30	0 33	4 5	1 37	13 2	1 25	22 11	1 32	7 44	2 25	21 14	0 46	23 42	0 32	19 29	0 18	6 38	7 14	6 55			n.a.
W29	7 52	10 31	1 12	8 13	0 39	3 34	1 37	12 48	1 25	22 10	1 31	7 41	2 25	21 14	0 46	23 42	0 32	19 29	0 18	6 37	7 15	6 57			n.a.
T 30	8 15	6 16	0n 6	8 55	0 45	3 3	1 36	12 34	1 25	22 9	1 31	7 39	2 25	21 14	0 46	23 42	0 32	19 28	0 18	6 37	7 17	6 59			n.a.
F 31	8s39	1n31	1n26	9s36	0s51	2n31	1n35	12n20	1n26	22s 8	1s31	7n37	2n25	21s14	0s46	23n42	0n32	19n28	0s18	6n37	7n18	7n 1			n.a.

Julian Day Number = 982430.5, Delta T = 13h12m13s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'58, Lahiri = -31°50'57 Julian Calendar 1 Oct. 2024 BCE == Greg. Calendar 14 Sept. 2024 BCE

The year -2023 astronomical counting style corresponds to year 2024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

NOVEMBER 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 32 48	22♎46'52	14♎37	23♎48	28♍37	2♍33	29♏36	16♍42	0♒18	13♋59	26°R26	13°R26	11♍41	26♈29	n.a.	S 1
S 2	1 36 44	23°48'11	29°55	25°23	29°52	3°11	29°40	16°48	0°18	13°R59	26♉25	13♍21	11°38	26°35	n.a.	S 2
M 3	1 40 41	24°49'31	15♏11	26°58	1♎ 7	3°50	29°45	16°55	0°19	13°59	26°24	13°15	11°35	26°42	n.a.	M 3
T 4	1 44 37	25°50'51	0♐14	28°34	2°22	4°28	29°49	17° 1	0°19	13°59	26°23	13° 8	11°32	26°49	n.a.	T 4
W 5	1 48 34	26°52'11	14°57	0♏ 9	3°38	5° 7	29°54	17° 7	0°20	13°59	26°22	13° 2	11°29	26°55	n.a.	W 5
T 6	1 52 31	27°53'31	29°12	1°45	4°53	5°45	29°59	17°13	0°20	13°59	26°21	12°56	11°25	27° 2	n.a.	T 6
F 7	1 56 27	28°54'51	12♑58	3°20	6° 8	6°24	0♒ 4	17°18	0°21	13°59	26°20	12°53	11°22	27° 9	n.a.	F 7
S 8	2 0 24	29°56'12	26°16	4°56	7°23	7° 3	0° 9	17°24	0°21	13°59	26°18	12°D52	11°19	27°16	n.a.	S 8
S 9	2 4 20	0♏57'32	9♒ 8	6°32	8°39	7°41	0°15	17°30	0°22	13°58	26°17	12°52	11°16	27°22	n.a.	S 9
M10	2 8 17	1°58'51	21°39	8° 9	9°54	8°20	0°20	17°36	0°23	13°58	26°16	12°53	11°13	27°29	n.a.	M10
T 11	2 12 13	3° 0'11	3♓54	9°45	11° 9	8°58	0°26	17°41	0°23	13°58	26°15	12°54	11°10	27°36	n.a.	T 11
W12	2 16 10	4° 1'30	15°56	11°22	12°25	9°37	0°32	17°47	0°24	13°58	26°14	12°R55	11° 6	27°42	n.a.	W12
T 13	2 20 7	5° 2'50	27°50	12°59	13°40	10°15	0°39	17°52	0°25	13°57	26°13	12°53	11° 3	27°49	n.a.	T 13
F 14	2 24 3	6° 4'09	9♈41	14°36	14°55	10°54	0°45	17°58	0°26	13°57	26°11	12°50	11° 0	27°56	n.a.	F 14
S 15	2 28 0	7° 5'28	21°30	16°13	16°10	11°33	0°51	18° 3	0°27	13°56	26°10	12°43	10°57	28° 2	n.a.	S 15
S 16	2 31 56	8° 6'46	3♉20	17°51	17°26	12°11	0°58	18° 9	0°28	13°56	26° 9	12°34	10°54	28° 9	n.a.	S 16
M17	2 35 53	9° 8'05	15°13	19°28	18°41	12°50	1° 5	18°14	0°29	13°55	26° 8	12°24	10°51	28°16	n.a.	M17
T 18	2 39 49	10° 9'23	27°10	21° 6	19°56	13°28	1°12	18°19	0°30	13°55	26° 6	12°12	10°47	28°22	n.a.	T 18
W19	2 43 46	11°10'42	9♊13	22°43	21°12	14° 7	1°19	18°24	0°31	13°54	26° 5	12° 0	10°44	28°29	n.a.	W19
T 20	2 47 42	12°12'00	21°23	24°21	22°27	14°45	1°27	18°30	0°32	13°54	26° 4	11°49	10°41	28°36	n.a.	T 20
F 21	2 51 39	13°13'18	3♋41	25°58	23°42	15°24	1°34	18°35	0°34	13°53	26° 3	11°40	10°38	28°42	n.a.	F 21
S 22	2 55 36	14°14'36	16°11	27°35	24°57	16° 2	1°42	18°40	0°35	13°53	26° 2	11°34	10°35	28°49	n.a.	S 22
S 23	2 59 32	15°15'54	28°54	29°11	26°13	16°41	1°49	18°44	0°36	13°52	26° 0	11°30	10°31	28°56	n.a.	S 23
M24	3 3 29	16°17'11	11♌55	0♐47	27°28	17°19	1°57	18°49	0°38	13°51	25°59	11°D29	10°28	29° 3	n.a.	M24
T 25	3 7 25	17°18'29	25°17	2°22	28°43	17°58	2° 6	18°54	0°39	13°51	25°58	11°29	10°25	29° 9	n.a.	T 25
W26	3 11 22	18°19'46	9♍ 1	3°56	29°59	18°36	2°14	18°59	0°41	13°50	25°56	11°R29	10°22	29°16	n.a.	W26
T 27	3 15 18	19°21'02	23°11	5°29	1♏14	19°15	2°22	19° 3	0°42	13°49	25°55	11°29	10°19	29°23	n.a.	T 27
F 28	3 19 15	20°22'19	7♎46	7° 0	2°29	19°53	2°31	19° 8	0°44	13°48	25°54	11°26	10°16	29°29	n.a.	F 28
S 29	3 23 12	21°23'35	22°42	8°29	3°44	20°32	2°39	19°12	0°45	13°47	25°53	11°21	10°12	29°36	n.a.	S 29
S 30	3 27 8	22♏24'51	7♏51	9♐55	5♏ 0	21♍10	2♒48	19♍17	0♒47	13♋46	25♉51	11♍13	10♍ 9	29♈43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 2	3s24	2n41	10s18	0s57	2n 0	1n34	12n 6	1n26	22s 7	1s31	7n34	2n25	21s14	0s45	23n42	0n32	19n28	0s18	6n38	7n19	7n 2		n.a.
S 2	9 25	8 9	3 45	10 59	1 2	1 29	1 33	11 52	1 26	22 6	1 30	7 32	2 25	21 14	0 45	23 42	0 32	19 28	0 17	6 40	7 20	7 4		n.a.
M 3	9 48	12 22	4 33	11 39	1 8	0 57	1 32	11 38	1 26	22 5	1 30	7 30	2 25	21 14	0 45	23 42	0 32	19 28	0 17	6 43	7 22	7 6		n.a.
T 4	10 11	15 42	5 2	12 19	1 13	0 26	1 31	11 24	1 26	22 4	1 30	7 27	2 26	21 14	0 45	23 42	0 32	19 27	0 17	6 45	7 23	7 8		n.a.
W 5	10 34	17 56	5 9	12 58	1 18	0s 6	1 30	11 9	1 26	22 2	1 30	7 25	2 26	21 14	0 45	23 42	0 32	19 27	0 17	6 48	7 24	7 10		n.a.
T 6	10 56	18 58	4 57	13 37	1 24	0 37	1 29	10 55	1 26	22 1	1 29	7 23	2 26	21 13	0 45	23 42	0 32	19 27	0 17	6 50	7 25	7 12		n.a.
F 7	11 18	18 50	4 28	14 16	1 28	1 9	1 28	10 40	1 26	22 0	1 29	7 21	2 26	21 13	0 45	23 42	0 32	19 27	0 17	6 51	7 27	7 14		n.a.
S 8	11 41	17 38	3 45	14 53	1 33	1 40	1 27	10 26	1 26	21 58	1 29	7 19	2 26	21 13	0 45	23 42	0 32	19 27	0 17	6 52	7 28	7 15		n.a.
S 9	12 2	15 34	2 52	15 30	1 37	2 12	1 25	10 11	1 26	21 57	1 29	7 16	2 26	21 13	0 45	23 42	0 32	19 26	0 17	6 52	7 29	7 17		n.a.
M10	12 24	12 48	1 52	16 6	1 42	2 43	1 24	9 57	1 26	21 55	1 28	7 14	2 27	21 13	0 45	23 42	0 32	19 26	0 17	6 51	7 30	7 19		n.a.
T 11	12 46	9 32	0 49	16 42	1 46	3 14	1 22	9 42	1 26	21 54	1 28	7 12	2 27	21 13	0 45	23 42	0 32	19 26	0 17	6 51	7 31	7 21		n.a.
W12	13 7	5 54	0s16	17 16	1 49	3 46	1 21	9 27	1 26	21 52	1 28	7 10	2 27	21 12	0 45	23 42	0 32	19 26	0 17	6 51	7 33	7 23		n.a.
T 13	13 28	2 5	1 20	17 50	1 53	4 17	1 19	9 12	1 26	21 51	1 28	7 8	2 27	21 12	0 45	23 42	0 32	19 25	0 17	6 51	7 34	7 25		n.a.
F 14	13 49	1n47	2 19	18 23	1 56	4 48	1 18	8 57	1 27	21 49	1 27	7 6	2 27	21 12	0 45	23 42	0 32	19 25	0 17	6 53	7 35	7 27		n.a.
S 15	14 9	5 35	3 12	18 55	1 58	5 19	1 16	8 42	1 27	21 47	1 27	7 4	2 27	21 12	0 45	23 43	0 32	19 25	0 17	6 55	7 36	7 28		n.a.
S 16	14 30	9 11	3 57	19 25	2 1	5 50	1 14	8 27	1 27	21 46	1 27	7 2	2 28	21 11	0 45	23 43	0 32	19 25	0 17	6 59	7 38	7 30		n.a.
M17	14 50	12 25	4 31	19 55	2 3	6 21	1 12	8 12	1 27	21 44	1 27	7 0	2 28	21 11	0 45	23 43	0 32	19 25	0 17	7 3	7 39	7 32		n.a.
T 18	15 10	15 10	4 54	20 24	2 4	6 52	1 11	7 57	1 27	21 42	1 26	6 58	2 28	21 11	0 45	23 43	0 32	19 24	0 16	7 7	7 40	7 34		n.a.
W19	15 29	17 17	5 4	20 51	2 5	7 22	1 9	7 42	1 27	21 40	1 26	6 56	2 28	21 11	0 45	23 43	0 32	19 24	0 16	7 12	7 41	7 36		n.a.
T 20	15 48	18 39	5 0	21 16	2 6	7 53	1 7	7 27	1 27	21 38	1 26	6 54	2 28	21 10	0 45	23 43	0 32	19 24	0 16	7 16	7 43	7 38		n.a.
F 21	16 7	19 10	4 42	21 41	2 6	8 23	1 5	7 12	1 27	21 36	1 26	6 53	2 29	21 10	0 45	23 43	0 32	19 24	0 16	7 20	7 44	7 39		n.a.
S 22	16 26	18 46	4 11	22 4	2 6	8 53	1 3	6 56	1 27	21 34	1 26	6 51	2 29	21 10	0 45	23 43	0 32	19 23	0 16	7 22	7 45	7 41		n.a.
S 23	16 45	17 26	3 27	22 25	2 5	9 23	1 1	6 41	1 27	21 32	1 25	6 49	2 29	21 9	0 45	23 43	0 32	19 23	0 16	7 23	7 46	7 43		n.a.
M24	17 3	15 9	2 31	22 44	2 3	9 52	0 59	6 26	1 27	21 30	1 25	6 47	2 29	21 9	0 45	23 43	0 32	19 23	0 16	7 24	7 47	7 45		n.a.
T 25	17 20	12 1	1 25	23 2	2 1	10 21	0 57	6 11	1 27	21 28	1 25	6 46	2 29	21 9	0 45	23 43	0 32	19 23	0 16	7 24	7 49	7 47		n.a.
W26	17 38	8 9	0 13	23 18	1 58	10 50	0 55	5 55	1 27	21 26	1 25	6 44	2 30	21 8	0 45	23 44	0 32	19 22	0 16	7 24	7 50	7 49		n.a.
T 27	17 55	3 42	1n 2	23 32	1 55	11 19	0 52	5 40	1 27	21 24	1 25	6 42	2 30	21 8	0 45	23 44	0 32	19 22	0 16	7 24	7 51	7 51		n.a.
F 28	18 12	1s 5	2 15	23 44	1 50	11 48	0 50	5 24	1 27	21 22	1 24	6 41	2 30	21 8	0 45	23 44	0 32	19 22	0 16	7 25	7 52	7 52		n.a.
S 29	18 28	5 55	3 20	23 53	1 45	12 16	0 48	5 9	1 27	21 20	1 24	6 39	2 30	21 7	0 44	23 44	0 32	19 22	0 16	7 27	7 54	7 54		n.a.
S 30	18s45	10s26	4n13	24s 1	1s39	12s44	0n46	4n53	1n26	21s17	1s24	6n37	2n30	21s 7	0s44	23n44	0n33	19n21	0s16	7n30	7n55	7n56		n.a.

Julian Day Number = 982461.5, Delta T = 13h12m11s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'54, Lahiri = -31°50'53 Julian Calendar 1 Nov. 2024 BCE == Greg. Calendar 15 Oct. 2024 BCE

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ASTRODIENST EPHEMERIS for the year 2024 BCE
geocentric

DECEMBER 2024 BCE (-2023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 31 5	23♏26'06	23♏ 6	11♐19	6♏15	21♍49	2♒57	19♍21	0♒49	13°R46	25°R50	11°R 3	10♍ 6	29♈49	n.a.	M 1
T 2	3 35 1	24°27'20	8♐14	12°40	7°30	22°27	3° 6	19°25	0°50	13♋45	25♉49	10♍52	10° 3	29°56	n.a.	T 2
W 3	3 38 58	25°28'33	23° 5	13°56	8°45	23° 6	3°16	19°29	0°52	13°44	25°47	10°40	10° 0	0♉ 3	n.a.	W 3
T 4	3 42 54	26°29'46	7♑31	15° 7	10° 1	23°44	3°25	19°33	0°54	13°43	25°46	10°31	9°57	0° 9	n.a.	T 4
F 5	3 46 51	27°30'57	21°27	16°13	11°16	24°22	3°34	19°37	0°56	13°42	25°45	10°24	9°53	0°16	n.a.	F 5
S 6	3 50 48	28°32'08	4♒54	17°13	12°31	25° 1	3°44	19°41	0°58	13°41	25°43	10°19	9°50	0°23	n.a.	S 6
S 7	3 54 44	29°33'16	17°52	18° 6	13°46	25°39	3°54	19°45	1° 0	13°40	25°42	10°17	9°47	0°30	n.a.	S 7
M 8	3 58 41	0♐34'24	0♓25	18°51	15° 1	26°18	4° 4	19°49	1° 2	13°38	25°41	10°D17	9°44	0°36	n.a.	M 8
T 9	4 2 37	1°35'30	12°40	19°26	16°16	26°56	4°14	19°53	1° 4	13°37	25°40	10°R17	9°41	0°43	n.a.	T 9
W10	4 6 34	2°36'35	24°40	19°53	17°32	27°34	4°24	19°56	1° 6	13°36	25°38	10°16	9°37	0°50	n.a.	W10
T 11	4 10 30	3°37'39	6♈32	20° 8	18°47	28°13	4°34	20° 0	1° 8	13°35	25°37	10°14	9°34	0°56	n.a.	T 11
F 12	4 14 27	4°38'41	18°21	20°R13	20° 2	28°51	4°44	20° 3	1°10	13°34	25°36	10° 8	9°31	1° 3	n.a.	F 12
S 13	4 18 23	5°39'42	0♉ 9	20° 7	21°17	29°29	4°55	20° 6	1°13	13°33	25°34	10° 0	9°28	1°10	n.a.	S 13
S 14	4 22 20	6°40'42	12° 2	19°49	22°32	0♎ 8	5° 5	20°10	1°15	13°31	25°33	9°49	9°25	1°16	n.a.	S 14
M15	4 26 17	7°41'40	24° 0	19°20	23°47	0°46	5°16	20°13	1°17	13°30	25°32	9°36	9°22	1°23	n.a.	M15
T 16	4 30 13	8°42'37	6♊ 5	18°40	25° 2	1°24	5°27	20°16	1°20	13°29	25°31	9°21	9°18	1°30	n.a.	T 16
W17	4 34 10	9°43'33	18°20	17°51	26°17	2° 2	5°38	20°19	1°22	13°27	25°29	9° 7	9°15	1°37	n.a.	W17
T 18	4 38 6	10°44'27	0♋43	16°53	27°32	2°41	5°49	20°22	1°24	13°26	25°28	8°53	9°12	1°43	n.a.	T 18
F 19	4 42 3	11°45'20	13°15	15°49	28°47	3°19	6° 0	20°24	1°27	13°25	25°27	8°41	9° 9	1°50	n.a.	F 19
S 20	4 45 59	12°46'12	25°58	14°39	0♐ 2	3°57	6°11	20°27	1°29	13°23	25°26	8°33	9° 6	1°57	n.a.	S 20
S 21	4 49 56	13°47'02	8♌51	13°27	1°17	4°35	6°22	20°30	1°32	13°22	25°24	8°27	9° 3	2° 3	n.a.	S 21
M22	4 53 53	14°47'52	21°58	12°14	2°32	5°13	6°34	20°32	1°34	13°21	25°23	8°25	8°59	2°10	n.a.	M22
T 23	4 57 49	15°48'40	5♍20	11° 3	3°47	5°52	6°45	20°34	1°37	13°19	25°22	8°D24	8°56	2°17	n.a.	T 23
W24	5 1 46	16°49'27	18°58	9°55	5° 2	6°30	6°57	20°37	1°40	13°18	25°21	8°R24	8°53	2°23	n.a.	W24
T 25	5 5 42	17°50'12	2♎56	8°51	6°17	7° 8	7° 8	20°39	1°42	13°16	25°20	8°23	8°50	2°30	n.a.	T 25
F 26	5 9 39	18°50'56	17°12	7°53	7°32	7°46	7°20	20°41	1°45	13°15	25°18	8°21	8°47	2°37	n.a.	F 26
S 27	5 13 35	19°51'39	1♏46	7° 2	8°47	8°24	7°32	20°43	1°48	13°13	25°17	8°16	8°43	2°43	n.a.	S 27
S 28	5 17 32	20°52'21	16°34	6°19	10° 2	9° 2	7°44	20°45	1°50	13°12	25°16	8° 8	8°40	2°50	n.a.	S 28
M29	5 21 28	21°53'01	1♐28	5°43	11°17	9°40	7°56	20°47	1°53	13°10	25°15	7°58	8°37	2°57	n.a.	M29
T 30	5 25 25	22°53'40	16°20	5°16	12°32	10°18	8° 8	20°49	1°56	13° 9	25°14	7°46	8°34	3° 4	n.a.	T 30
W31	5 29 22	23♐54'17	1♑ 0	4♐56	13♐47	10♎56	8♒20	20♍50	1♒59	13♋ 7	25♉13	7♍35	8♍31	3♉10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s 0	14s18	4n47	24s 6	1s32	13s12	0n43	4n38	1n26	21s15	1s24	6n36	2n31	21s 6	0s44	23n44	0n33	19n21	0s16	7n34	7n56	7n58		n.a.
T 2	19 16	17 10	5 1	24 9	1 24	13 39	0 41	4 22	1 26	21 13	1 23	6 34	2 31	21 6	0 44	23 44	0 33	19 21	0 16	7 38	7 57	8 0		n.a.
W 3	19 31	18 50	4 55	24 10	1 14	14 6	0 39	4 7	1 26	21 10	1 23	6 33	2 31	21 5	0 44	23 44	0 33	19 21	0 15	7 43	7 58	8 2		n.a.
T 4	19 46	19 14	4 29	24 8	1 4	14 32	0 36	3 51	1 26	21 8	1 23	6 32	2 31	21 5	0 44	23 45	0 33	19 20	0 15	7 46	8 0	8 3		n.a.
F 5	20 0	18 25	3 48	24 4	0 53	14 58	0 34	3 36	1 26	21 5	1 23	6 30	2 32	21 5	0 44	23 45	0 33	19 20	0 15	7 49	8 1	8 5		n.a.
S 6	20 14	16 35	2 56	23 58	0 40	15 24	0 32	3 20	1 26	21 3	1 23	6 29	2 32	21 4	0 44	23 45	0 33	19 20	0 15	7 51	8 2	8 7		n.a.
S 7	20 28	13 57	1 56	23 49	0 27	15 50	0 29	3 4	1 26	21 0	1 23	6 27	2 32	21 4	0 44	23 45	0 33	19 20	0 15	7 52	8 3	8 9		n.a.
M 8	20 41	10 44	0 52	23 39	0 12	16 15	0 27	2 49	1 26	20 58	1 22	6 26	2 32	21 3	0 44	23 45	0 33	19 19	0 15	7 52	8 5	8 11		n.a.
T 9	20 54	7 8	0s13	23 26	0n 4	16 39	0 24	2 33	1 26	20 55	1 22	6 25	2 33	21 3	0 44	23 45	0 33	19 19	0 15	7 52	8 6	8 13		n.a.
W10	21 6	3 19	1 16	23 12	0 20	17 3	0 22	2 17	1 26	20 52	1 22	6 24	2 33	21 2	0 44	23 45	0 33	19 19	0 15	7 52	8 7	8 14		n.a.
T 11	21 18	0n36	2 14	22 55	0 38	17 27	0 20	2 2	1 26	20 50	1 22	6 23	2 33	21 2	0 44	23 46	0 33	19 19	0 15	7 53	8 8	8 16		n.a.
F 12	21 30	4 28	3 7	22 37	0 56	17 50	0 17	1 46	1 25	20 47	1 22	6 21	2 33	21 1	0 44	23 46	0 33	19 18	0 15	7 55	8 9	8 18		n.a.
S 13	21 41	8 9	3 51	22 18	1 15	18 13	0 15	1 30	1 25	20 44	1 21	6 20	2 34	21 1	0 44	23 46	0 33	19 18	0 15	7 58	8 11	8 20		n.a.
S 14	21 52	11 33	4 26	21 58	1 34	18 35	0 12	1 15	1 25	20 42	1 21	6 19	2 34	21 0	0 44	23 46	0 33	19 18	0 15	8 2	8 12	8 22		n.a.
M15	22 2	14 30	4 49	21 37	1 52	18 56	0 10	0 59	1 25	20 39	1 21	6 18	2 34	20 59	0 44	23 46	0 33	19 18	0 15	8 8	8 13	8 24		n.a.
T 16	22 12	16 51	4 59	21 15	2 11	19 18	0 7	0 44	1 25	20 36	1 21	6 17	2 34	20 59	0 44	23 46	0 33	19 17	0 15	8 13	8 14	8 25		n.a.
W17	22 21	18 29	4 56	20 54	2 28	19 38	0 5	0 28	1 25	20 33	1 21	6 16	2 35	20 58	0 44	23 46	0 33	19 17	0 15	8 19	8 16	8 27		n.a.
T 18	22 31	19 17	4 38	20 32	2 45	19 58	0 2	0 12	1 25	20 30	1 21	6 15	2 35	20 58	0 44	23 47	0 33	19 17	0 14	8 24	8 17	8 29		n.a.
F 19	22 39	19 9	4 8	20 10	3 0	20 18	0s 0	0s 3	1 24	20 27	1 20	6 15	2 35	20 57	0 44	23 47	0 33	19 17	0 14	8 28	8 18	8 31		n.a.
S 20	22 47	18 3	3 24	19 50	3 13	20 37	0 2	0 19	1 24	20 24	1 20	6 14	2 35	20 57	0 44	23 47	0 33	19 16	0 14	8 32	8 19	8 33		n.a.
S 21	22 55	16 1	2 29	19 30	3 24	20 55	0 5	0 35	1 24	20 21	1 20	6 13	2 36	20 56	0 44	23 47	0 33	19 16	0 14	8 34	8 20	8 34		n.a.
M22	23 2	13 7	1 26	19 13	3 32	21 13	0 7	0 50	1 24	20 18	1 20	6 12	2 36	20 55	0 44	23 47	0 33	19 16	0 14	8 35	8 22	8 36		n.a.
T 23	23 9	9 30	0 16	18 57	3 39	21 30	0 10	1 6	1 24	20 15	1 20	6 11	2 36	20 55	0 44	23 47	0 33	19 16	0 14	8 35	8 23	8 38		n.a.
W24	23 15	5 18	0n56	18 43	3 43	21 46	0 12	1 21	1 23	20 12	1 20	6 11	2 36	20 54	0 44	23 48	0 33	19 16	0 14	8 35	8 24	8 40		n.a.
T 25	23 21	0 44	2 6	18 32	3 44	22 2	0 14	1 37	1 23	20 8	1 20	6 10	2 37	20 54	0 44	23 48	0 33	19 15	0 14	8 35	8 25	8 42		n.a.
F 26	23 27	3s59	3 10	18 23	3 44	22 17	0 17	1 52	1 23	20 5	1 19	6 9	2 37	20 53	0 44	23 48	0 33	19 15	0 14	8 36	8 26	8 44		n.a.
S 27	23 32	8 32	4 3	18 17	3 42	22 32	0 19	2 8	1 23	20 2	1 19	6 9	2 37	20 52	0 44	23 48	0 33	19 15	0 14	8 38	8 28	8 45		n.a.
S 28	23 36	12 39	4 40	18 14	3 38	22 46	0 21	2 23	1 23	19 59	1 19	6 8	2 37	20 52	0 44	23 48	0 33	19 15	0 14	8 41	8 29	8 47		n.a.
M29	23 40	15 59	4 59	18 13	3 32	22 59	0 24	2 39	1 22	19 55	1 19	6 8	2 38	20 51	0 44	23 48	0 33	19 14	0 14	8 45	8 30	8 49		n.a.
T 30	23 44	18 16	4 58	18 15	3 25	23 11	0 26	2 54	1 22	19 52	1 19	6 7	2 38	20 50	0 44	23 49	0 33	19 14	0 14	8 49	8 31	8 51		n.a.
W31	23s47	19s19	4n37	18s19	3n17	23s23	0s28	3s10	1n22	19s49	1s19	6n 7	2n38	20s50	0s44	23n49	0n33	19n14	0s14	8n54	8n33	8n53		n.a.

Julian Day Number = 982491.5, Delta T = 13h12m09s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'50, Lahiri = -31°50'49 Julian Calendar 1 Dec. 2024 BCE == Greg. Calendar 14 Nov. 2024 BCE

The year -2023 astronomical counting style corresponds to year 2024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

JANUARY 2023 BCE (-2022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 33 18	24♐54'52	15♉22	4°R44	15♐ 2	11♎34	8♒33	20♍52	2♒ 2	13°R 6	25°R12	7°R25	8♍28	3♉17	n.a.	T 1
F 2	5 37 15	25°55'25	29°19	4°D39	16°17	12°12	8°45	20°53	2° 5	13♋ 4	25♉11	7♍17	8°24	3°24	n.a.	F 2
S 3	5 41 11	26°55'57	12♒49	4♐42	17°32	12°50	8°57	20°54	2° 7	13° 3	25° 9	7°12	8°21	3°30	n.a.	S 3
S 4	5 45 8	27°56'26	25°52	4°51	18°47	13°28	9°10	20°56	2°10	13° 1	25° 8	7°10	8°18	3°37	n.a.	S 4
M 5	5 49 4	28°56'53	8♓31	5° 7	20° 1	14° 6	9°22	20°57	2°13	12°59	25° 7	7°D 9	8°15	3°44	n.a.	M 5
T 6	5 53 1	29°57'18	20°50	5°28	21°16	14°43	9°35	20°58	2°16	12°58	25° 6	7° 9	8°12	3°50	n.a.	T 6
W 7	5 56 57	0♉57'41	2♈53	5°54	22°31	15°21	9°48	20°59	2°19	12°56	25° 5	7°R10	8° 8	3°57	n.a.	W 7
T 8	6 0 54	1°58'01	14°47	6°26	23°46	15°59	10° 1	20°59	2°22	12°54	25° 4	7° 9	8° 5	4° 4	n.a.	T 8
F 9	6 4 51	2°58'20	26°37	7° 2	25° 1	16°36	10°13	21° 0	2°25	12°53	25° 3	7° 6	8° 2	4°11	n.a.	F 9
S 10	6 8 47	3°58'36	8♉27	7°43	26°15	17°14	10°26	21° 1	2°29	12°51	25° 2	7° 0	7°59	4°17	n.a.	S 10
S 11	6 12 44	4°58'50	20°22	8°27	27°30	17°52	10°39	21° 1	2°32	12°50	25° 1	6°52	7°56	4°24	n.a.	S 11
M12	6 16 40	5°59'02	2♊26	9°15	28°45	18°29	10°52	21° 2	2°35	12°48	25° 0	6°42	7°53	4°31	n.a.	M12
T 13	6 20 37	6°59'12	14°40	10° 7	29°59	19° 7	11° 5	21° 2	2°38	12°46	25° 0	6°31	7°49	4°37	n.a.	T 13
W14	6 24 33	7°59'20	27° 6	11° 1	1♉14	19°45	11°19	21° 2	2°41	12°45	24°59	6°20	7°46	4°44	n.a.	W14
T 15	6 28 30	8°59'26	9♋44	11°59	2°29	20°22	11°32	21° 2	2°44	12°43	24°58	6° 9	7°43	4°51	n.a.	T 15
F 16	6 32 26	9°59'29	22°35	12°59	3°44	20°59	11°45	21°R 2	2°47	12°41	24°57	6° 1	7°40	4°57	n.a.	F 16
S 17	6 36 23	10°59'31	5♌38	14° 2	4°58	21°37	11°58	21° 2	2°51	12°40	24°56	5°54	7°37	5° 4	n.a.	S 17
S 18	6 40 20	11°59'30	18°52	15° 7	6°13	22°14	12°12	21° 2	2°54	12°38	24°55	5°51	7°34	5°11	n.a.	S 18
M19	6 44 16	12°59'28	2♍17	16°15	7°28	22°52	12°25	21° 2	2°57	12°36	24°54	5°D49	7°30	5°18	n.a.	M19
T 20	6 48 13	13°59'24	15°53	17°24	8°42	23°29	12°39	21° 1	3° 0	12°35	24°54	5°49	7°27	5°24	n.a.	T 20
W21	6 52 9	14°59'18	29°39	18°36	9°57	24° 6	12°52	21° 1	3° 4	12°33	24°53	5°50	7°24	5°31	n.a.	W21
T 22	6 56 6	15°59'10	13♎37	19°49	11°11	24°44	13° 6	21° 0	3° 7	12°31	24°52	5°R51	7°21	5°38	n.a.	T 22
F 23	7 0 2	16°59'00	27°44	21° 5	12°26	25°21	13°19	21° 0	3°10	12°30	24°51	5°51	7°18	5°44	n.a.	F 23
S 24	7 3 59	17°58'48	12♏ 2	22°22	13°41	25°58	13°33	20°59	3°14	12°28	24°51	5°48	7°14	5°51	n.a.	S 24
S 25	7 7 55	18°58'35	26°26	23°40	14°55	26°35	13°47	20°58	3°17	12°26	24°50	5°44	7°11	5°58	n.a.	S 25
M26	7 11 52	19°58'20	10♐52	25° 1	16°10	27°12	14° 0	20°57	3°20	12°25	24°49	5°38	7° 8	6° 5	n.a.	M26
T 27	7 15 48	20°58'02	25°16	26°22	17°24	27°49	14°14	20°56	3°24	12°23	24°49	5°31	7° 5	6°11	n.a.	T 27
W28	7 19 45	21°57'43	9♑32	27°46	18°39	28°26	14°28	20°55	3°27	12°21	24°48	5°23	7° 2	6°18	n.a.	W28
T 29	7 23 42	22°57'22	23°33	29°11	19°53	29° 3	14°42	20°53	3°30	12°20	24°47	5°17	6°59	6°25	n.a.	T 29
F 30	7 27 38	23°56'58	7♒16	0♑37	21° 8	29°40	14°56	20°52	3°34	12°18	24°47	5°12	6°55	6°31	n.a.	F 30
S 31	7 31 35	24♑56'32	20♒38	2♑ 5	22♑22	0♏16	15♒10	20♍51	3♒37	12♋16	24♉46	5♍ 9	6♍52	6♉38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s49	19 s 4	3n58	18 s26	3n 8	23 s34	0 s31	3 s25	1n21	19 s45	1 s19	6n 7	2n39	20 s49	0 s44	23n49	0n33	19n14	0 s14	8n58	8n34	8n54			n.a.
F 2	23 52	17 40	3 6	18 34	2 59	23 45	0 33	3 41	1 21	19 42	1 19	6 6	2 39	20 48	0 44	23 49	0 33	19 14	0 13	9 1	8 35	8 56			n.a.
S 3	23 53	15 18	2 5	18 45	2 49	23 54	0 35	3 56	1 21	19 38	1 18	6 6	2 39	20 48	0 44	23 49	0 33	19 13	0 13	9 2	8 36	8 58			n.a.
S 4	23 54	12 13	1 0	18 57	2 38	24 3	0 37	4 11	1 20	19 35	1 18	6 6	2 39	20 47	0 44	23 50	0 33	19 13	0 13	9 3	8 37	9 0			n.a.
M 5	23 55	8 39	0 s 7	19 10	2 27	24 11	0 39	4 26	1 20	19 31	1 18	6 6	2 40	20 46	0 44	23 50	0 33	19 13	0 13	9 4	8 39	9 2			n.a.
T 6	23 55	4 49	1 12	19 25	2 16	24 19	0 41	4 42	1 20	19 28	1 18	6 6	2 40	20 46	0 44	23 50	0 33	19 13	0 13	9 3	8 40	9 4			n.a.
W 7	23 55	0 51	2 13	19 41	2 5	24 26	0 43	4 57	1 19	19 24	1 18	6 5	2 40	20 45	0 44	23 50	0 33	19 13	0 13	9 3	8 41	9 5			n.a.
T 8	23 55	3n 5	3 6	19 57	1 54	24 32	0 45	5 12	1 19	19 21	1 18	6 5	2 40	20 44	0 44	23 50	0 33	19 13	0 13	9 4	8 42	9 7			n.a.
F 9	23 53	6 52	3 52	20 14	1 43	24 37	0 47	5 27	1 19	19 17	1 18	6 5	2 41	20 43	0 43	23 50	0 33	19 12	0 13	9 5	8 43	9 9			n.a.
S 10	23 52	10 24	4 27	20 32	1 31	24 41	0 49	5 42	1 18	19 13	1 18	6 5	2 41	20 43	0 43	23 51	0 33	19 12	0 13	9 7	8 45	9 11			n.a.
S 11	23 50	13 31	4 51	20 50	1 20	24 45	0 51	5 57	1 18	19 10	1 18	6 5	2 41	20 42	0 43	23 51	0 33	19 12	0 13	9 10	8 46	9 13			n.a.
M12	23 47	16 7	5 3	21 9	1 9	24 48	0 53	6 12	1 18	19 6	1 17	6 5	2 42	20 41	0 43	23 51	0 33	19 12	0 13	9 14	8 47	9 14			n.a.
T 13	23 44	18 3	5 1	21 27	0 59	24 50	0 55	6 27	1 17	19 2	1 17	6 6	2 42	20 40	0 43	23 51	0 33	19 12	0 13	9 18	8 48	9 16			n.a.
W14	23 41	19 9	4 44	21 45	0 48	24 52	0 56	6 42	1 17	18 58	1 17	6 6	2 42	20 40	0 43	23 51	0 34	19 12	0 13	9 22	8 49	9 18			n.a.
T 15	23 37	19 20	4 14	22 4	0 38	24 52	0 58	6 56	1 16	18 54	1 17	6 6	2 42	20 39	0 43	23 51	0 34	19 11	0 13	9 26	8 51	9 20			n.a.
F 16	23 32	18 32	3 30	22 22	0 28	24 52	1 0	7 11	1 16	18 50	1 17	6 6	2 43	20 38	0 43	23 52	0 34	19 11	0 13	9 29	8 52	9 22			n.a.
S 17	23 27	16 45	2 34	22 39	0 18	24 51	1 1	7 26	1 15	18 47	1 17	6 6	2 43	20 37	0 43	23 52	0 34	19 11	0 12	9 32	8 53	9 23			n.a.
S 18	23 22	14 3	1 30	22 56	0 8	24 49	1 3	7 40	1 15	18 43	1 17	6 7	2 43	20 37	0 43	23 52	0 34	19 11	0 12	9 33	8 54	9 25			n.a.
M19	23 16	10 35	0 19	23 13	0 s 1	24 47	1 5	7 55	1 14	18 39	1 17	6 7	2 43	20 36	0 43	23 52	0 34	19 11	0 12	9 34	8 56	9 27			n.a.
T 20	23 10	6 30	0n54	23 29	0 10	24 44	1 6	8 10	1 14	18 35	1 17	6 8	2 44	20 35	0 43	23 52	0 34	19 11	0 12	9 34	8 57	9 29			n.a.
W21	23 4	2 2	2 5	23 45	0 19	24 40	1 7	8 24	1 13	18 31	1 17	6 8	2 44	20 34	0 43	23 53	0 34	19 11	0 12	9 33	8 58	9 31			n.a.
T 22	22 57	2 s35	3 9	23 59	0 28	24 35	1 9	8 38	1 13	18 27	1 17	6 8	2 44	20 33	0 43	23 53	0 34	19 10	0 12	9 33	8 59	9 32			n.a.
F 23	22 49	7 7	4 3	24 13	0 36	24 30	1 10	8 53	1 12	18 23	1 17	6 9	2 44	20 33	0 43	23 53	0 34	19 10	0 12	9 33	9 0	9 34			n.a.
S 24	22 41	11 17	4 42	24 26	0 44	24 23	1 11	9 7	1 12	18 19	1 16	6 10	2 45	20 32	0 43	23 53	0 34	19 10	0 12	9 34	9 2	9 36			n.a.
S 25	22 33	14 49	5 4	24 38	0 52	24 16	1 13	9 21	1 11	18 15	1 16	6 10	2 45	20 31	0 43	23 53	0 34	19 10	0 12	9 36	9 3	9 38			n.a.
M26	22 24	17 28	5 7	24 49	0 59	24 9	1 14	9 35	1 10	18 10	1 16	6 11	2 45	20 30	0 43	23 53	0 34	19 10	0 12	9 38	9 4	9 40			n.a.
T 27	22 15	19 0	4 50	24 58	1 6	24 0	1 15	9 49	1 10	18 6	1 16	6 11	2 46	20 29	0 43	23 54	0 34	19 10	0 12	9 41	9 5	9 41			n.a.
W28	22 5	19 20	4 16	25 7	1 13	23 51	1 16	10 3	1 9	18 2	1 16	6 12	2 46	20 29	0 43	23 54	0 34	19 10	0 12	9 43	9 6	9 43			n.a.
T 29	21 56	18 26	3 26	25 14	1 19	23 41	1 17	10 17	1 9	17 58	1 16	6 13	2 46	20 28	0 43	23 54	0 34	19 10	0 12	9 46	9 8	9 45			n.a.
F 30	21 45	16 29	2 25	25 20	1 25	23 30	1 18	10 31	1 8	17 54	1 16	6 14	2 46	20 27	0 43	23 54	0 34	19 10	0 12	9 48	9 9	9 47			n.a.
S 31	21 s34	13 s40	1n18	25 s25	1 s31	23 s19	1 s19	10 s45	1n 7	17 s49	1 s16	6n15	2n47	20 s26	0 s43	23n54	0n34	19n10	0 s11	9n49	9n10	9n49			n.a.

Julian Day Number = 982522.5, Delta T = 13h12m07s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'45, Lahiri = -31°50'45 Julian Calendar 1 Jan. 2023 BCE == Greg. Calendar 15 Dec. 2024 BCE

The year -2022 astronomical counting style corresponds to year 2023 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

FEBRUARY 2023 BCE (-2022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 35 31	25♉56'04	3♓38	3♉34	23♉37	0♏53	15♒24	20°R49	3♒41	12°R15	24°R46	5°D 8	6♍49	6♌45	n.a.	S 1
M 2	7 39 28	26°55'33	16°17	5° 4	24°51	1°30	15°38	20♍47	3°44	12♋13	24♌45	5♍ 9	6°46	6°51	n.a.	M 2
T 3	7 43 24	27°55'00	28°37	6°36	26° 6	2° 6	15°52	20°46	3°47	12°12	24°45	5°10	6°43	6°58	n.a.	T 3
W 4	7 47 21	28°54'24	10♈44	8° 9	27°20	2°43	16° 6	20°44	3°51	12°10	24°44	5°12	6°40	7° 5	n.a.	W 4
T 5	7 51 17	29°53'46	22°41	9°43	28°35	3°19	16°20	20°42	3°54	12° 8	24°44	5°13	6°36	7°12	n.a.	T 5
F 6	7 55 14	0♒53'05	4♉32	11°19	29°49	3°56	16°34	20°40	3°58	12° 7	24°43	5°R13	6°33	7°18	n.a.	F 6
S 7	7 59 10	1°52'22	16°25	12°56	1♒ 3	4°32	16°48	20°38	4° 1	12° 5	24°43	5°12	6°30	7°25	n.a.	S 7
S 8	8 3 7	2°51'37	28°22	14°34	2°18	5° 8	17° 2	20°35	4° 4	12° 4	24°43	5° 9	6°27	7°32	n.a.	S 8
M 9	8 7 4	3°50'49	10♊28	16°14	3°32	5°44	17°16	20°33	4° 8	12° 2	24°42	5° 5	6°24	7°38	n.a.	M 9
T 10	8 11 0	4°49'58	22°47	17°55	4°46	6°21	17°30	20°31	4°11	12° 1	24°42	5° 1	6°20	7°45	n.a.	T 10
W11	8 14 57	5°49'05	5♋22	19°38	6° 1	6°57	17°45	20°28	4°15	11°59	24°42	4°56	6°17	7°52	n.a.	W11
T 12	8 18 53	6°48'10	18°13	21°21	7°15	7°33	17°59	20°26	4°18	11°58	24°41	4°51	6°14	7°59	n.a.	T 12
F 13	8 22 50	7°47'13	1♌21	23° 6	8°29	8° 9	18°13	20°23	4°21	11°56	24°41	4°47	6°11	8° 5	n.a.	F 13
S 14	8 26 46	8°46'13	14°46	24°53	9°44	8°44	18°27	20°21	4°25	11°55	24°41	4°45	6° 8	8°12	n.a.	S 14
S 15	8 30 43	9°45'11	28°25	26°41	10°58	9°20	18°42	20°18	4°28	11°53	24°41	4°D43	6° 5	8°19	n.a.	S 15
M16	8 34 39	10°44'07	12♍16	28°30	12°12	9°56	18°56	20°15	4°32	11°52	24°40	4°43	6° 1	8°25	n.a.	M16
T 17	8 38 36	11°43'01	26°16	0♒21	13°26	10°31	19°10	20°12	4°35	11°51	24°40	4°44	5°58	8°32	n.a.	T 17
W18	8 42 32	12°41'53	10♎23	2°13	14°40	11° 7	19°25	20° 9	4°38	11°49	24°40	4°46	5°55	8°39	n.a.	W18
T 19	8 46 29	13°40'43	24°34	4° 7	15°55	11°42	19°39	20° 6	4°42	11°48	24°40	4°47	5°52	8°45	n.a.	T 19
F 20	8 50 26	14°39'31	8♏47	6° 1	17° 9	12°18	19°53	20° 3	4°45	11°46	24°40	4°R48	5°49	8°52	n.a.	F 20
S 21	8 54 22	15°38'17	22°59	7°58	18°23	12°53	20° 7	20° 0	4°49	11°45	24°40	4°48	5°46	8°59	n.a.	S 21
S 22	8 58 19	16°37'02	7♐ 9	9°56	19°37	13°28	20°22	19°56	4°52	11°44	24°40	4°47	5°42	9° 6	n.a.	S 22
M23	9 2 15	17°35'44	21°13	11°55	20°51	14° 3	20°36	19°53	4°55	11°42	24°D40	4°45	5°39	9°12	n.a.	M23
T 24	9 6 12	18°34'25	5♑10	13°55	22° 6	14°38	20°50	19°49	4°59	11°41	24°40	4°43	5°36	9°19	n.a.	T 24
W25	9 10 8	19°33'04	18°56	15°57	23°20	15°13	21° 5	19°46	5° 2	11°40	24°40	4°41	5°33	9°26	n.a.	W25
T 26	9 14 5	20°31'41	2♒30	18° 0	24°34	15°48	21°19	19°42	5° 5	11°39	24°40	4°39	5°30	9°32	n.a.	T 26
F 27	9 18 1	21°30'16	15°50	20° 3	25°48	16°22	21°34	19°39	5° 9	11°38	24°40	4°38	5°26	9°39	n.a.	F 27
S 28	9 21 58	22♒28'49	28♒53	22♒ 8	27♒ 2	16♏57	21♒48	19♍35	5♒12	11♋36	24♌40	4°D37	5♍23	9♌46	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21 s23	10 s15	0n 8	25 s28	1 s36	23 s 7	1 s20	10 s59	1n 7	17 s45	1 s16	6n15	2n47	20 s25	0 s43	23n54	0n34	19n10	0 s11	9n49	9n11	9n50			n.a.
M 2	21 12	6 27	1 s 0	25 30	1 41	22 54	1 20	11 12	1 6	17 41	1 16	6 16	2 47	20 25	0 43	23 55	0 34	19 9	0 11	9 49	9 12	9 52			n.a.
T 3	21 0	2 27	2 4	25 30	1 45	22 41	1 21	11 26	1 5	17 37	1 16	6 17	2 47	20 24	0 43	23 55	0 34	19 9	0 11	9 48	9 14	9 54			n.a.
W 4	20 48	1n33	3 2	25 29	1 49	22 27	1 22	11 39	1 4	17 32	1 16	6 18	2 48	20 23	0 43	23 55	0 34	19 9	0 11	9 48	9 15	9 56			n.a.
T 5	20 35	5 26	3 50	25 26	1 53	22 12	1 22	11 53	1 4	17 28	1 16	6 19	2 48	20 22	0 43	23 55	0 34	19 9	0 11	9 47	9 16	9 57			n.a.
F 6	20 22	9 5	4 29	25 22	1 56	21 57	1 23	12 6	1 3	17 23	1 16	6 20	2 48	20 21	0 43	23 55	0 34	19 9	0 11	9 47	9 17	9 59			n.a.
S 7	20 9	12 22	4 56	25 15	1 59	21 41	1 23	12 19	1 2	17 19	1 16	6 21	2 48	20 20	0 43	23 55	0 34	19 9	0 11	9 48	9 18	10 1			n.a.
S 8	19 55	15 10	5 10	25 7	2 2	21 24	1 24	12 32	1 1	17 15	1 16	6 22	2 48	20 20	0 43	23 55	0 34	19 9	0 11	9 49	9 20	10 3			n.a.
M 9	19 41	17 21	5 11	24 58	2 4	21 7	1 24	12 45	1 0	17 10	1 16	6 23	2 49	20 19	0 43	23 56	0 34	19 9	0 11	9 50	9 21	10 5			n.a.
T 10	19 27	18 46	4 57	24 46	2 5	20 49	1 24	12 58	1 0	17 6	1 16	6 25	2 49	20 18	0 43	23 56	0 34	19 9	0 11	9 52	9 22	10 6			n.a.
W11	19 12	19 19	4 30	24 32	2 6	20 31	1 24	13 11	0 59	17 1	1 16	6 26	2 49	20 17	0 43	23 56	0 34	19 9	0 11	9 54	9 23	10 8			n.a.
T 12	18 57	18 54	3 48	24 17	2 7	20 12	1 25	13 24	0 58	16 57	1 16	6 27	2 49	20 16	0 43	23 56	0 34	19 9	0 11	9 55	9 24	10 10			n.a.
F 13	18 42	17 27	2 53	23 59	2 7	19 52	1 25	13 37	0 57	16 52	1 16	6 28	2 50	20 16	0 43	23 56	0 34	19 9	0 11	9 57	9 26	10 12			n.a.
S 14	18 26	15 1	1 47	23 40	2 7	19 32	1 25	13 49	0 56	16 48	1 16	6 30	2 50	20 15	0 43	23 56	0 34	19 9	0 10	9 58	9 27	10 13			n.a.
S 15	18 10	11 43	0 35	23 18	2 6	19 11	1 25	14 2	0 55	16 43	1 16	6 31	2 50	20 14	0 43	23 56	0 34	19 9	0 10	9 58	9 28	10 15			n.a.
M16	17 54	7 44	0n41	22 55	2 5	18 50	1 24	14 14	0 54	16 39	1 16	6 32	2 50	20 13	0 43	23 57	0 34	19 9	0 10	9 58	9 29	10 17			n.a.
T 17	17 37	3 17	1 56	22 29	2 3	18 28	1 24	14 26	0 53	16 34	1 16	6 34	2 50	20 12	0 43	23 57	0 34	19 9	0 10	9 58	9 30	10 19			n.a.
W18	17 20	1 s23	3 4	22 1	2 0	18 6	1 24	14 39	0 52	16 29	1 16	6 35	2 51	20 11	0 43	23 57	0 34	19 9	0 10	9 57	9 31	10 21			n.a.
T 19	17 3	5 59	4 1	21 31	1 57	17 43	1 24	14 51	0 51	16 25	1 16	6 36	2 51	20 11	0 43	23 57	0 34	19 9	0 10	9 57	9 33	10 22			n.a.
F 20	16 46	10 15	4 44	20 59	1 54	17 20	1 23	15 3	0 50	16 20	1 16	6 38	2 51	20 10	0 43	23 57	0 34	19 9	0 10	9 57	9 34	10 24			n.a.
S 21	16 28	13 55	5 9	20 25	1 50	16 56	1 23	15 15	0 49	16 16	1 15	6 39	2 51	20 9	0 43	23 57	0 34	19 9	0 10	9 57	9 35	10 26			n.a.
S 22	16 10	16 46	5 15	19 48	1 45	16 32	1 22	15 27	0 48	16 11	1 16	6 41	2 51	20 8	0 43	23 57	0 34	19 9	0 10	9 57	9 36	10 28			n.a.
M23	15 52	18 36	5 3	19 10	1 40	16 7	1 22	15 38	0 47	16 6	1 16	6 42	2 51	20 7	0 43	23 57	0 34	19 10	0 10	9 58	9 37	10 29			n.a.
T 24	15 34	19 17	4 32	18 29	1 34	15 42	1 21	15 50	0 45	16 2	1 16	6 44	2 52	20 6	0 43	23 58	0 34	19 10	0 10	9 58	9 39	10 31			n.a.
W25	15 15	18 49	3 46	17 47	1 28	15 17	1 21	16 1	0 44	15 57	1 16	6 45	2 52	20 6	0 43	23 58	0 34	19 10	0 10	9 59	9 40	10 33			n.a.
T 26	14 56	17 16	2 48	17 2	1 21	14 51	1 20	16 13	0 43	15 52	1 16	6 47	2 52	20 5	0 43	23 58	0 34	19 10	0 10	10 0	9 41	10 35			n.a.
F 27	14 37	14 47	1 42	16 15	1 14	14 25	1 19	16 24	0 42	15 48	1 16	6 48	2 52	20 4	0 43	23 58	0 34	19 10	0 10	10 0	9 42	10 36			n.a.
S 28	14 s18	11 s36	0n32	15 s27	1 s 6	13 s58	1 s18	16 s35	0n40	15 s43	1 s16	6n50	2n52	20 s 3	0 s43	23n58	0n34	19n10	0 s10	10n 1	9n43	10n38			n.a.

Julian Day Number = 982553.5, Delta T = 13h12m05s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'41, Lahiri = -31°50'41 Julian Calendar 1 Feb. 2023 BCE == Greg. Calendar 15 Jan. 2023 BCE

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

MARCH 2023 BCE (-2022) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 25 54	23♒27'19	11♓40	24♒14	28♒16	17♏31	22♒ 2	19°R31	5♒15	11°R35	24♉40	4♍37	5♍20	9♉53	n.a.	S 1
M 2	9 29 51	24°25'48	24°12	26°20	29°30	18° 5	22°17	19♍28	5°18	11♋34	24°40	4°38	5°17	9°59	n.a.	M 2
T 3	9 33 48	25°24'14	6♈29	28°27	0♓44	18°39	22°31	19°24	5°22	11°33	24°41	4°39	5°14	10° 6	n.a.	T 3
W 4	9 37 44	26°22'38	18°35	0♓34	1°58	19°13	22°45	19°20	5°25	11°32	24°41	4°40	5°11	10°13	n.a.	W 4
T 5	9 41 41	27°21'00	0♉32	2°41	3°12	19°47	23° 0	19°16	5°28	11°31	24°41	4°40	5° 7	10°19	n.a.	T 5
F 6	9 45 37	28°19'19	12°25	4°47	4°26	20°21	23°14	19°12	5°31	11°30	24°41	4°41	5° 4	10°26	n.a.	F 6
S 7	9 49 34	29°17'37	24°17	6°54	5°40	20°54	23°28	19° 8	5°35	11°29	24°41	4°R41	5° 1	10°33	n.a.	S 7
S 8	9 53 30	0♓15'52	6♊15	8°59	6°54	21°28	23°42	19° 4	5°38	11°28	24°42	4°41	4°58	10°40	n.a.	S 8
M 9	9 57 27	1°14'05	18°21	11° 3	8° 8	22° 1	23°57	19° 0	5°41	11°27	24°42	4°41	4°55	10°46	n.a.	M 9
T 10	10 1 23	2°12'16	0♋41	13° 5	9°22	22°34	24°11	18°56	5°44	11°26	24°42	4°41	4°51	10°53	n.a.	T 10
W11	10 5 20	3°10'24	13°18	15° 5	10°36	23° 7	24°25	18°52	5°47	11°25	24°43	4°40	4°48	11° 0	n.a.	W11
T 12	10 9 16	4° 8'31	26°16	17° 4	11°50	23°40	24°39	18°47	5°50	11°24	24°43	4°40	4°45	11° 6	n.a.	T 12
F 13	10 13 13	5° 6'35	9♌34	19° 0	13° 4	24°13	24°54	18°43	5°53	11°23	24°44	4°D40	4°42	11°13	n.a.	F 13
S 14	10 17 10	6° 4'38	23°15	20°53	14°17	24°45	25° 8	18°39	5°57	11°22	24°44	4°40	4°39	11°20	n.a.	S 14
S 15	10 21 6	7° 2'38	7♍15	22°43	15°31	25°18	25°22	18°35	6° 0	11°22	24°45	4°R40	4°36	11°27	n.a.	S 15
M16	10 25 3	8° 0'37	21°32	24°30	16°45	25°50	25°36	18°30	6° 3	11°21	24°45	4°40	4°32	11°33	n.a.	M16
T 17	10 28 59	8°58'34	6♎ 1	26°14	17°59	26°22	25°50	18°26	6° 6	11°20	24°46	4°40	4°29	11°40	n.a.	T 17
W18	10 32 56	9°56'29	20°35	27°54	19°13	26°54	26° 4	18°22	6° 9	11°19	24°46	4°40	4°26	11°47	n.a.	W18
T 19	10 36 52	10°54'23	5♏ 9	29°30	20°26	27°26	26°18	18°17	6°12	11°19	24°47	4°39	4°23	11°53	n.a.	T 19
F 20	10 40 49	11°52'15	19°38	1♈ 3	21°40	27°57	26°33	18°13	6°14	11°18	24°47	4°38	4°20	12° 0	n.a.	F 20
S 21	10 44 45	12°50'06	3♐57	2°32	22°54	28°29	26°47	18° 8	6°17	11°17	24°48	4°38	4°17	12° 7	n.a.	S 21
S 22	10 48 42	13°47'55	18° 4	3°57	24° 8	29° 0	27° 1	18° 4	6°20	11°17	24°49	4°D38	4°13	12°14	n.a.	S 22
M23	10 52 38	14°45'44	1♑57	5°18	25°21	29°31	27°15	18° 0	6°23	11°16	24°49	4°38	4°10	12°20	n.a.	M23
T 24	10 56 35	15°43'31	15°35	6°35	26°35	0♐ 1	27°29	17°55	6°26	11°16	24°50	4°39	4° 7	12°27	n.a.	T 24
W25	11 0 32	16°41'16	28°58	7°47	27°49	0°32	27°42	17°51	6°29	11°15	24°51	4°40	4° 4	12°34	n.a.	W25
T 26	11 4 28	17°39'00	12♒ 7	8°55	29° 2	1° 2	27°56	17°46	6°31	11°15	24°51	4°41	4° 1	12°40	n.a.	T 26
F 27	11 8 25	18°36'43	25° 3	9°59	0♈16	1°32	28°10	17°42	6°34	11°14	24°52	4°42	3°57	12°47	n.a.	F 27
S 28	11 12 21	19°34'24	7♓45	10°59	1°30	2° 2	28°24	17°37	6°37	11°14	24°53	4°R42	3°54	12°54	n.a.	S 28
S 29	11 16 18	20°32'04	20°15	11°54	2°43	2°31	28°38	17°33	6°40	11°14	24°54	4°41	3°51	13° 1	n.a.	S 29
M30	11 20 14	21°29'42	2♈34	12°45	3°57	3° 1	28°52	17°28	6°42	11°13	24°54	4°40	3°48	13° 7	n.a.	M30
T 31	11 24 11	22♓27'19	14♈44	13♈31	5♈10	3♐30	29♒ 5	17♍24	6♒45	11♋13	24♉55	4♍38	3♍45	13♉14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s58	7s55	0s39	14s37	0s57	13s31	1s17	16s47	0n39	15s38	1s16	6n52	2n52	20s 2	0s43	23n58	0n34	19n10	0s 9	10n 1	9n45	10n40		n.a.
M 2	13 39	3 58	1 46	13 45	0 48	13 4	1 16	16 58	0 38	15 33	1 16	6 53	2 53	20 2	0 43	23 58	0 34	19 10	0 9	10 0	9 46	10 42		n.a.
T 3	13 19	0n 4	2 48	12 51	0 39	12 36	1 15	17 8	0 37	15 29	1 16	6 55	2 53	20 1	0 43	23 58	0 34	19 10	0 9	10 0	9 47	10 43		n.a.
W 4	12 59	4 2	3 40	11 57	0 29	12 8	1 14	17 19	0 35	15 24	1 16	6 57	2 53	20 0	0 43	23 58	0 34	19 10	0 9	10 0	9 48	10 45		n.a.
T 5	12 38	7 48	4 23	11 1	0 19	11 40	1 13	17 30	0 34	15 19	1 16	6 58	2 53	19 59	0 43	23 59	0 34	19 10	0 9	9 59	9 49	10 47		n.a.
F 6	12 18	11 13	4 54	10 4	0 8	11 12	1 12	17 40	0 32	15 14	1 16	7 0	2 53	19 58	0 44	23 59	0 34	19 11	0 9	9 59	9 51	10 49		n.a.
S 7	11 57	14 11	5 12	9 7	0n 3	10 43	1 11	17 51	0 31	15 9	1 16	7 2	2 53	19 58	0 44	23 59	0 34	19 11	0 9	9 59	9 52	10 50		n.a.
S 8	11 36	16 35	5 17	8 9	0 14	10 14	1 9	18 1	0 29	15 5	1 16	7 4	2 53	19 57	0 44	23 59	0 34	19 11	0 9	9 59	9 53	10 52		n.a.
M 9	11 15	18 17	5 8	7 11	0 25	9 44	1 8	18 12	0 28	15 0	1 16	7 5	2 53	19 56	0 44	23 59	0 34	19 11	0 9	9 59	9 54	10 54		n.a.
T 10	10 54	19 10	4 45	6 13	0 36	9 15	1 7	18 22	0 26	14 55	1 16	7 7	2 54	19 55	0 44	23 59	0 34	19 11	0 9	9 59	9 55	10 56		n.a.
W11	10 33	19 8	4 8	5 16	0 47	8 45	1 5	18 32	0 25	14 50	1 16	7 9	2 54	19 55	0 44	23 59	0 34	19 11	0 9	9 59	9 56	10 57		n.a.
T 12	10 11	18 6	3 17	4 19	0 59	8 15	1 4	18 42	0 23	14 45	1 16	7 11	2 54	19 54	0 44	23 59	0 34	19 12	0 9	9 59	9 58	10 59		n.a.
F 13	9 50	16 3	2 15	3 23	1 9	7 44	1 2	18 51	0 22	14 41	1 16	7 12	2 54	19 53	0 44	23 59	0 34	19 12	0 9	9 59	9 59	11 1		n.a.
S 14	9 28	13 3	1 3	2 28	1 20	7 14	1 0	19 1	0 20	14 36	1 16	7 14	2 54	19 52	0 44	23 59	0 34	19 12	0 9	9 59	10 0	11 3		n.a.
S 15	9 6	9 14	0n14	1 34	1 31	6 43	0 59	19 11	0 18	14 31	1 16	7 16	2 54	19 52	0 44	23 59	0 34	19 12	0 9	9 59	10 1	11 4		n.a.
M16	8 44	4 50	1 32	0 42	1 41	6 12	0 57	19 20	0 16	14 26	1 16	7 18	2 54	19 51	0 44	23 59	0 34	19 12	0 8	9 59	10 2	11 6		n.a.
T 17	8 22	0 5	2 45	0n 9	1 50	5 41	0 55	19 30	0 15	14 21	1 16	7 19	2 54	19 50	0 44	23 59	0 34	19 12	0 8	10 0	10 4	11 8		n.a.
W18	8 0	4s41	3 48	0 58	1 59	5 10	0 54	19 39	0 13	14 16	1 16	7 21	2 54	19 49	0 44	24 0	0 34	19 13	0 8	10 0	10 5	11 10		n.a.
T 19	7 37	9 10	4 36	1 45	2 8	4 39	0 52	19 48	0 11	14 12	1 16	7 23	2 54	19 49	0 44	24 0	0 34	19 13	0 8	10 0	10 6	11 11		n.a.
F 20	7 15	13 5	5 6	2 29	2 15	4 8	0 50	19 57	0 9	14 7	1 16	7 25	2 54	19 48	0 44	24 0	0 34	19 13	0 8	10 0	10 7	11 13		n.a.
S 21	6 52	16 11	5 17	3 12	2 23	3 36	0 48	20 6	0 7	14 2	1 16	7 27	2 54	19 47	0 44	24 0	0 34	19 13	0 8	10 0	10 8	11 15		n.a.
S 22	6 30	18 16	5 8	3 52	2 29	3 5	0 46	20 15	0 5	13 57	1 16	7 28	2 54	19 46	0 44	24 0	0 34	19 13	0 8	10 0	10 9	11 17		n.a.
M23	6 7	19 13	4 42	4 30	2 35	2 33	0 44	20 24	0 3	13 52	1 17	7 30	2 54	19 46	0 44	24 0	0 34	19 14	0 8	10 0	10 11	11 18		n.a.
T 24	5 44	19 2	4 0	5 6	2 40	2 1	0 42	20 33	0 1	13 47	1 17	7 32	2 54	19 45	0 44	24 0	0 34	19 14	0 8	10 0	10 12	11 20		n.a.
W25	5 21	17 46	3 5	5 39	2 44	1 30	0 40	20 41	0s 1	13 43	1 17	7 34	2 54	19 44	0 44	24 0	0 34	19 14	0 8	10 0	10 13	11 22		n.a.
T 26	4 59	15 34	2 2	6 10	2 47	0 58	0 38	20 50	0 3	13 38	1 17	7 36	2 54	19 44	0 44	24 0	0 34	19 14	0 8	9 59	10 14	11 23		n.a.
F 27	4 36	12 36	0 53	6 37	2 50	0 26	0 35	20 58	0 5	13 33	1 17	7 37	2 54	19 43	0 44	24 0	0 34	19 15	0 8	9 59	10 15	11 25		n.a.
S 28	4 13	9 6	0s17	7 3	2 51	0n 6	0 33	21 6	0 7	13 28	1 17	7 39	2 54	19 42	0 44	24 0	0 34	19 15	0 8	9 59	10 17	11 27		n.a.
S 29	3 49	5 14	1 25	7 25	2 52	0 38	0 31	21 14	0 9	13 23	1 17	7 41	2 54	19 42	0 44	24 0	0 34	19 15	0 8	9 59	10 18	11 29		n.a.
M30	3 26	1 13	2 28	7 45	2 51	1 10	0 29	21 22	0 12	13 18	1 17	7 43	2 54	19 41	0 44	24 0	0 34	19 15	0 8	10 0	10 19	11 30		n.a.
T 31	3s 3	2n48	3s23	8n 2	2n50	1n41	0s27	21s30	0s14	13s14	1s17	7n44	2n54	19s40	0s44	24n 0	0n34	19n16	0s 7	10n 0	10n20	11n32		n.a.

Julian Day Number = 982581.5, Delta T = 13h12m03s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'38, Lahiri = -31°50'37 Julian Calendar 1 March 2023 BCE == Greg. Calendar 12 Feb. 2023 BCE

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

APRIL 2023 BCE (-2022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 28 7	23♓24'54	26♈45	14♈12	6♈24	3♐58	29♒19	17°R20	6♒48	11°R13	24♉56	4°R35	3♍42	13♉21	n.a.	W 1
T 2	11 32 4	24°22'28	8♉40	14°49	7°37	4°27	29°33	17♍15	6°50	11♋12	24°57	4♍32	3°38	13°27	n.a.	T 2
F 3	11 36 0	25°20'00	20°32	15°21	8°51	4°55	29°46	17°11	6°53	11°12	24°58	4°29	3°35	13°34	n.a.	F 3
S 4	11 39 57	26°17'30	2♊24	15°48	10° 4	5°23	29°59	17° 6	6°55	11°12	24°59	4°26	3°32	13°41	n.a.	S 4
S 5	11 43 54	27°15'00	14°21	16°11	11°18	5°51	0♓13	17° 2	6°58	11°12	25° 0	4°25	3°29	13°48	n.a.	S 5
M 6	11 47 50	28°12'27	26°25	16°28	12°31	6°18	0°27	16°58	7° 0	11°12	25° 1	4°D24	3°26	13°54	n.a.	M 6
T 7	11 51 47	29° 9'53	8♋43	16°41	13°45	6°45	0°40	16°53	7° 2	11°12	25° 2	4°24	3°22	14° 1	n.a.	T 7
W 8	11 55 43	0♈ 7'18	21°18	16°49	14°58	7°12	0°54	16°49	7° 5	11°12	25° 3	4°25	3°19	14° 8	n.a.	W 8
T 9	11 59 40	1° 4'41	4♌14	16°R52	16°12	7°38	1° 7	16°45	7° 7	11°D12	25° 4	4°27	3°16	14°14	n.a.	T 9
F 10	12 3 36	2° 2'02	17°35	16°51	17°25	8° 4	1°20	16°41	7° 9	11°12	25° 5	4°28	3°13	14°21	n.a.	F 10
S 11	12 7 33	2°59'23	1♍21	16°44	18°39	8°30	1°33	16°37	7°12	11°12	25° 6	4°R29	3°10	14°28	n.a.	S 11
S 12	12 11 29	3°56'42	15°33	16°34	19°52	8°56	1°46	16°32	7°14	11°12	25° 7	4°29	3° 7	14°35	n.a.	S 12
M13	12 15 26	4°53'59	0♎ 8	16°20	21° 5	9°21	2° 0	16°28	7°16	11°12	25° 8	4°27	3° 3	14°41	n.a.	M13
T 14	12 19 23	5°51'16	14°58	16° 1	22°19	9°45	2°13	16°24	7°18	11°12	25° 9	4°24	3° 0	14°48	n.a.	T 14
W15	12 23 19	6°48'32	29°58	15°39	23°32	10°10	2°26	16°20	7°20	11°12	25°10	4°20	2°57	14°55	n.a.	W15
T 16	12 27 16	7°45'46	14♏57	15°14	24°45	10°34	2°39	16°16	7°22	11°12	25°11	4°15	2°54	15° 1	n.a.	T 16
F 17	12 31 12	8°43'01	29°47	14°46	25°58	10°58	2°51	16°12	7°24	11°12	25°12	4°11	2°51	15° 8	n.a.	F 17
S 18	12 35 9	9°40'14	14♐22	14°16	27°12	11°21	3° 4	16° 8	7°26	11°13	25°13	4° 7	2°48	15°15	n.a.	S 18
S 19	12 39 5	10°37'27	28°36	13°45	28°25	11°44	3°17	16° 4	7°28	11°13	25°15	4° 5	2°44	15°22	n.a.	S 19
M20	12 43 2	11°34'40	12♑28	13°12	29°38	12° 6	3°30	16° 1	7°30	11°13	25°16	4°D 5	2°41	15°28	n.a.	M20
T 21	12 46 58	12°31'52	25°58	12°38	0♒51	12°28	3°42	15°57	7°32	11°14	25°17	4° 5	2°38	15°35	n.a.	T 21
W22	12 50 55	13°29'03	9♒ 8	12° 4	2° 4	12°49	3°55	15°53	7°34	11°14	25°18	4° 7	2°35	15°42	n.a.	W22
T 23	12 54 52	14°26'14	22° 0	11°31	3°18	13°11	4° 8	15°50	7°36	11°15	25°20	4° 8	2°32	15°48	n.a.	T 23
F 24	12 58 48	15°23'24	4♓38	10°59	4°31	13°31	4°20	15°46	7°37	11°15	25°21	4°R 9	2°28	15°55	n.a.	F 24
S 25	13 2 45	16°20'34	17° 2	10°29	5°44	13°51	4°32	15°42	7°39	11°16	25°22	4° 8	2°25	16° 2	n.a.	S 25
S 26	13 6 41	17°17'43	29°17	10° 1	6°57	14°11	4°45	15°39	7°41	11°16	25°23	4° 5	2°22	16° 9	n.a.	S 26
M27	13 10 38	18°14'51	11♈24	9°35	8°10	14°30	4°57	15°36	7°42	11°17	25°25	4° 0	2°19	16°15	n.a.	M27
T 28	13 14 34	19°12'00	23°25	9°13	9°23	14°49	5° 9	15°32	7°44	11°17	25°26	3°53	2°16	16°22	n.a.	T 28
W29	13 18 31	20° 9'07	5♉21	8°54	10°36	15° 7	5°21	15°29	7°46	11°18	25°27	3°45	2°13	16°29	n.a.	W29
T 30	13 22 27	21♈ 6'14	17♉13	8♈38	11♉49	15♐24	5♓33	15♍26	7♒47	11♋18	25♉29	3♍36	2♍ 9	16♉35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s40	6n39	4s 9	8n17	2n48	2n13	0s24	21s38	0s16	13s 9	1s17	7n46	2n54	19s40	0s44	24n 0	0n34	19n16	0s 7	10n 1	10n21	11n34		n.a.
T 2	2 17	10 13	4 43	8 28	2 45	2 45	0 22	21 46	0 19	13 4	1 17	7 48	2 54	19 39	0 44	24 0	0 34	19 16	0 7	10 3	10 22	11 36		n.a.
F 3	1 53	13 20	5 5	8 37	2 40	3 17	0 20	21 54	0 21	12 59	1 17	7 50	2 54	19 38	0 44	24 0	0 34	19 17	0 7	10 4	10 24	11 37		n.a.
S 4	1 30	15 56	5 14	8 43	2 35	3 48	0 17	22 1	0 23	12 54	1 18	7 51	2 54	19 38	0 44	24 0	0 34	19 17	0 7	10 5	10 25	11 39		n.a.
S 5	1 7	17 51	5 10	8 46	2 28	4 20	0 15	22 9	0 26	12 50	1 18	7 53	2 54	19 37	0 44	24 0	0 34	19 17	0 7	10 5	10 26	11 41		n.a.
M 6	0 44	19 1	4 52	8 46	2 21	4 51	0 12	22 16	0 29	12 45	1 18	7 55	2 54	19 37	0 44	24 0	0 34	19 17	0 7	10 6	10 27	11 42		n.a.
T 7	0 20	19 18	4 20	8 43	2 12	5 23	0 10	22 23	0 31	12 40	1 18	7 56	2 54	19 36	0 44	24 0	0 34	19 18	0 7	10 5	10 28	11 44		n.a.
W 8	0n 3	18 39	3 35	8 37	2 3	5 54	0 7	22 30	0 34	12 35	1 18	7 58	2 54	19 35	0 44	24 0	0 34	19 18	0 7	10 5	10 29	11 46		n.a.
T 9	0 26	17 2	2 38	8 29	1 52	6 25	0 5	22 38	0 37	12 31	1 18	8 0	2 54	19 35	0 44	24 0	0 34	19 18	0 7	10 4	10 31	11 48		n.a.
F 10	0 49	14 26	1 31	8 17	1 41	6 56	0 3	22 45	0 39	12 26	1 18	8 1	2 54	19 34	0 44	24 0	0 34	19 19	0 7	10 4	10 32	11 49		n.a.
S 11	1 13	10 57	0 17	8 3	1 28	7 27	0 0	22 52	0 42	12 21	1 18	8 3	2 54	19 34	0 44	24 0	0 34	19 19	0 7	10 4	10 33	11 51		n.a.
S 12	1 36	6 44	1n 0	7 47	1 15	7 58	0n 2	22 58	0 45	12 16	1 18	8 4	2 54	19 33	0 44	24 0	0 34	19 19	0 7	10 4	10 34	11 53		n.a.
M13	1 59	2 1	2 16	7 28	1 0	8 28	0 5	23 5	0 48	12 12	1 19	8 6	2 54	19 33	0 44	24 0	0 34	19 20	0 7	10 4	10 35	11 54		n.a.
T 14	2 22	2s54	3 23	7 7	0 45	8 58	0 8	23 12	0 51	12 7	1 19	8 7	2 53	19 32	0 44	24 0	0 34	19 20	0 7	10 6	10 36	11 56		n.a.
W15	2 45	7 40	4 18	6 44	0 30	9 28	0 10	23 19	0 54	12 2	1 19	8 9	2 53	19 32	0 45	24 0	0 34	19 20	0 6	10 7	10 38	11 58		n.a.
T 16	3 8	11 58	4 54	6 19	0 14	9 58	0 13	23 25	0 57	11 58	1 19	8 10	2 53	19 31	0 45	24 0	0 34	19 21	0 6	10 9	10 39	12 0		n.a.
F 17	3 31	15 27	5 11	5 53	0s 3	10 28	0 15	23 32	1 0	11 53	1 19	8 12	2 53	19 31	0 45	24 0	0 34	19 21	0 6	10 10	10 40	12 1		n.a.
S 18	3 54	17 55	5 7	5 26	0 20	10 57	0 18	23 38	1 3	11 49	1 19	8 13	2 53	19 30	0 45	24 0	0 34	19 21	0 6	10 12	10 41	12 3		n.a.
S 19	4 17	19 11	4 44	4 58	0 37	11 26	0 20	23 45	1 6	11 44	1 19	8 15	2 53	19 30	0 45	24 0	0 34	19 22	0 6	10 12	10 42	12 5		n.a.
M20	4 40	19 16	4 5	4 29	0 54	11 55	0 23	23 51	1 10	11 39	1 19	8 16	2 53	19 29	0 45	24 0	0 34	19 22	0 6	10 13	10 43	12 6		n.a.
T 21	5 3	18 14	3 13	4 1	1 10	12 24	0 25	23 57	1 13	11 35	1 20	8 17	2 53	19 29	0 45	24 0	0 34	19 22	0 6	10 12	10 45	12 8		n.a.
W22	5 26	16 13	2 12	3 32	1 27	12 52	0 28	24 3	1 16	11 30	1 20	8 19	2 52	19 28	0 45	24 0	0 34	19 23	0 6	10 12	10 46	12 10		n.a.
T 23	5 48	13 25	1 6	3 5	1 43	13 20	0 30	24 9	1 20	11 26	1 20	8 20	2 52	19 28	0 45	24 0	0 34	19 23	0 6	10 11	10 47	12 11		n.a.
F 24	6 11	10 3	0s 3	2 38	1 58	13 48	0 33	24 16	1 23	11 21	1 20	8 21	2 52	19 27	0 45	24 0	0 34	19 24	0 6	10 11	10 48	12 13		n.a.
S 25	6 33	6 17	1 9	2 13	2 12	14 15	0 35	24 22	1 27	11 17	1 20	8 23	2 52	19 27	0 45	24 0	0 34	19 24	0 6	10 12	10 49	12 15		n.a.
S 26	6 55	2 18	2 12	1 49	2 26	14 42	0 38	24 28	1 30	11 12	1 20	8 24	2 52	19 27	0 45	24 0	0 34	19 24	0 6	10 13	10 50	12 16		n.a.
M27	7 18	1n44	3 8	1 27	2 39	15 9	0 40	24 33	1 34	11 8	1 20	8 25	2 52	19 26	0 45	24 0	0 34	19 25	0 6	10 14	10 52	12 18		n.a.
T 28	7 40	5 39	3 54	1 7	2 50	15 35	0 42	24 39	1 38	11 4	1 21	8 26	2 52	19 26	0 45	24 0	0 34	19 25	0 6	10 17	10 53	12 20		n.a.
W29	8 2	9 19	4 30	0 50	3 1	16 1	0 45	24 45	1 41	10 59	1 21	8 27	2 51	19 25	0 45	23 59	0 34	19 25	0 6	10 20	10 54	12 22		n.a.
T 30	8n24	12n37	4s55	0n35	3s10	16n26	0n47	24s51	1s45	10s55	1s21	8n29	2n51	19s25	0s45	23n59	0n34	19n26	0s 5	10n23	10n55	12n23		n.a.

Julian Day Number = 982612.5, Delta T = 13h12m01s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'33, Lahiri = -31°50'33 Julian Calendar 1 Apr. 2023 BCE == Greg. Calendar 15 March 2023 BCE

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

MAY 2023 BCE (-2022) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 26 24	22♈ 3'20	29♉ 4	8°R27	13♉ 2	15♐41	5♓45	15°R23	7♒48	11♋19	25♉30	3°R28	2♍ 6	16♉42	n.a.	F 1
S 2	13 30 21	23° 0'26	10♊57	8♈20	14°15	15°58	5°57	15♍20	7°50	11°20	25°31	3♍20	2° 3	16°49	n.a.	S 2
S 3	13 34 17	23°57'31	22°53	8°D17	15°28	16°13	6° 9	15°17	7°51	11°21	25°33	3°14	2° 0	16°56	n.a.	S 3
M 4	13 38 14	24°54'36	4♋57	8°19	16°41	16°29	6°20	15°14	7°53	11°21	25°34	3°10	1°57	17° 2	n.a.	M 4
T 5	13 42 10	25°51'40	17°12	8°25	17°54	16°43	6°32	15°11	7°54	11°22	25°36	3° 7	1°54	17° 9	n.a.	T 5
W 6	13 46 7	26°48'43	29°43	8°36	19° 7	16°57	6°44	15° 8	7°55	11°23	25°37	3°D 7	1°50	17°16	n.a.	W 6
T 7	13 50 3	27°45'46	12♌35	8°51	20°20	17°11	6°55	15° 5	7°56	11°24	25°38	3° 8	1°47	17°22	n.a.	T 7
F 8	13 54 0	28°42'49	25°51	9°12	21°33	17°24	7° 6	15° 3	7°57	11°25	25°40	3° 9	1°44	17°29	n.a.	F 8
S 9	13 57 57	29°39'50	9♍34	9°36	22°46	17°36	7°18	15° 0	7°58	11°26	25°41	3°R 9	1°41	17°36	n.a.	S 9
S 10	14 1 53	0♉36'52	23°46	10° 6	23°59	17°48	7°29	14°58	7°59	11°27	25°43	3° 7	1°38	17°43	n.a.	S 10
M11	14 5 50	1°33'53	8♎25	10°40	25°12	17°59	7°40	14°55	8° 0	11°28	25°44	3° 3	1°34	17°49	n.a.	M11
T 12	14 9 46	2°30'53	23°26	11°18	26°24	18° 9	7°51	14°53	8° 1	11°29	25°46	2°57	1°31	17°56	n.a.	T 12
W13	14 13 43	3°27'54	8♏40	12° 1	27°37	18°18	8° 2	14°51	8° 2	11°30	25°47	2°49	1°28	18° 3	n.a.	W13
T 14	14 17 39	4°24'55	23°56	12°49	28°50	18°27	8°12	14°49	8° 3	11°31	25°49	2°40	1°25	18°10	n.a.	T 14
F 15	14 21 36	5°21'55	9♐ 5	13°40	0♊ 3	18°35	8°23	14°47	8° 4	11°32	25°50	2°32	1°22	18°16	n.a.	F 15
S 16	14 25 32	6°18'57	23°55	14°36	1°15	18°43	8°34	14°45	8° 5	11°33	25°52	2°24	1°19	18°23	n.a.	S 16
S 17	14 29 29	7°15'58	8♑21	15°36	2°28	18°50	8°44	14°43	8° 5	11°34	25°53	2°19	1°15	18°30	n.a.	S 17
M18	14 33 26	8°13'00	22°20	16°41	3°41	18°56	8°55	14°41	8° 6	11°35	25°55	2°16	1°12	18°36	n.a.	M18
T 19	14 37 22	9°10'02	5♒52	17°49	4°53	19° 1	9° 5	14°39	8° 7	11°37	25°56	2°D15	1° 9	18°43	n.a.	T 19
W20	14 41 19	10° 7'04	18°58	19° 2	6° 6	19° 6	9°15	14°38	8° 7	11°38	25°58	2°15	1° 6	18°50	n.a.	W20
T 21	14 45 15	11° 4'07	1♓43	20°18	7°19	19° 9	9°25	14°36	8° 8	11°39	25°59	2°R16	1° 3	18°57	n.a.	T 21
F 22	14 49 12	12° 1'11	14°10	21°38	8°31	19°12	9°35	14°35	8° 8	11°40	26° 1	2°15	0°59	19° 3	n.a.	F 22
S 23	14 53 8	12°58'15	26°25	23° 2	9°44	19°15	9°45	14°33	8° 9	11°42	26° 2	2°13	0°56	19°10	n.a.	S 23
S 24	14 57 5	13°55'19	8♈29	24°30	10°56	19°16	9°55	14°32	8° 9	11°43	26° 4	2° 8	0°53	19°17	n.a.	S 24
M25	15 1 2	14°52'24	20°27	26° 2	12° 9	19°R17	10° 4	14°31	8° 9	11°44	26° 6	2° 0	0°50	19°23	n.a.	M25
T 26	15 4 58	15°49'30	2♉22	27°37	13°21	19°16	10°14	14°30	8°10	11°46	26° 7	1°50	0°47	19°30	n.a.	T 26
W27	15 8 55	16°46'36	14°14	29°16	14°34	19°15	10°23	14°29	8°10	11°47	26° 9	1°37	0°44	19°37	n.a.	W27
T 28	15 12 51	17°43'42	26° 5	0♉58	15°46	19°14	10°33	14°28	8°10	11°49	26°10	1°24	0°40	19°44	n.a.	T 28
F 29	15 16 48	18°40'49	7♊58	2°44	16°59	19°11	10°42	14°27	8°10	11°50	26°12	1°11	0°37	19°50	n.a.	F 29
S 30	15 20 44	19°37'57	19°53	4°33	18°11	19° 8	10°51	14°27	8°10	11°52	26°13	0°59	0°34	19°57	n.a.	S 30
S 31	15 24 41	20♉35'05	1♋53	6♉25	19♊24	19♐ 4	11♓ 0	14♍26	8°R10	11♋53	26♉15	0♍49	0♍31	20♉ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n46	15n23	5s 6	0n23	3s18	16n51	0n49	24s57	1s49	10s50	1s21	8n30	2n51	19s25	0s45	23n59	0n34	19n26	0s 5	10n26	10n56	12n25		n.a.
S 2	9 7	17 31	5 4	0 14	3 25	17 16	0 52	25 2	1 53	10 46	1 21	8 31	2 51	19 24	0 45	23 59	0 34	19 27	0 5	10 29	10 57	12 27		n.a.
S 3	9 29	18 55	4 49	0 7	3 31	17 40	0 54	25 8	1 57	10 42	1 21	8 32	2 51	19 24	0 45	23 59	0 34	19 27	0 5	10 31	10 59	12 28		n.a.
M 4	9 50	19 29	4 21	0 4	3 36	18 4	0 56	25 14	2 1	10 38	1 22	8 33	2 50	19 24	0 45	23 59	0 34	19 27	0 5	10 33	11 0	12 30		n.a.
T 5	10 11	19 8	3 41	0 3	3 39	18 27	0 59	25 19	2 5	10 33	1 22	8 34	2 50	19 23	0 45	23 59	0 34	19 28	0 5	10 34	11 1	12 32		n.a.
W 6	10 32	17 52	2 49	0 5	3 42	18 50	1 1	25 25	2 9	10 29	1 22	8 35	2 50	19 23	0 45	23 59	0 34	19 28	0 5	10 34	11 2	12 33		n.a.
T 7	10 53	15 39	1 48	0 11	3 43	19 12	1 3	25 30	2 14	10 25	1 22	8 35	2 50	19 23	0 45	23 59	0 34	19 29	0 5	10 34	11 3	12 35		n.a.
F 8	11 14	12 33	0 39	0 19	3 43	19 34	1 5	25 36	2 18	10 21	1 22	8 36	2 50	19 23	0 45	23 59	0 34	19 29	0 5	10 33	11 4	12 37		n.a.
S 9	11 35	8 40	0n34	0 29	3 42	19 55	1 7	25 41	2 22	10 17	1 23	8 37	2 49	19 22	0 45	23 59	0 34	19 29	0 5	10 33	11 6	12 38		n.a.
S 10	11 55	4 10	1 48	0 43	3 40	20 16	1 9	25 47	2 27	10 13	1 23	8 38	2 49	19 22	0 45	23 59	0 34	19 30	0 5	10 34	11 7	12 40		n.a.
M11	12 15	0s42	2 57	0 59	3 37	20 36	1 11	25 52	2 31	10 9	1 23	8 39	2 49	19 22	0 46	23 59	0 34	19 30	0 5	10 35	11 8	12 42		n.a.
T 12	12 35	5 39	3 55	1 18	3 34	20 56	1 13	25 58	2 35	10 5	1 23	8 39	2 49	19 22	0 46	23 58	0 34	19 31	0 5	10 38	11 9	12 43		n.a.
W13	12 55	10 18	4 38	1 39	3 29	21 15	1 15	26 3	2 40	10 1	1 23	8 40	2 49	19 22	0 46	23 58	0 34	19 31	0 5	10 41	11 10	12 45		n.a.
T 14	13 15	14 17	5 0	2 2	3 24	21 33	1 17	26 9	2 45	9 57	1 23	8 41	2 48	19 21	0 46	23 58	0 34	19 32	0 5	10 44	11 11	12 47		n.a.
F 15	13 34	17 17	5 2	2 29	3 18	21 51	1 19	26 14	2 49	9 53	1 24	8 41	2 48	19 21	0 46	23 58	0 34	19 32	0 5	10 47	11 12	12 48		n.a.
S 16	13 54	19 4	4 43	2 57	3 11	22 9	1 21	26 19	2 54	9 49	1 24	8 42	2 48	19 21	0 46	23 58	0 34	19 32	0 4	10 50	11 14	12 50		n.a.
S 17	14 13	19 33	4 6	3 27	3 3	22 25	1 23	26 24	2 59	9 45	1 24	8 42	2 48	19 21	0 46	23 58	0 34	19 33	0 4	10 52	11 15	12 52		n.a.
M18	14 32	18 49	3 16	4 0	2 55	22 42	1 24	26 30	3 3	9 41	1 24	8 43	2 47	19 21	0 46	23 58	0 34	19 33	0 4	10 53	11 16	12 53		n.a.
T 19	14 50	17 0	2 16	4 35	2 46	22 57	1 26	26 35	3 8	9 38	1 24	8 43	2 47	19 21	0 46	23 58	0 34	19 34	0 4	10 53	11 17	12 55		n.a.
W20	15 9	14 20	1 10	5 11	2 37	23 12	1 27	26 40	3 13	9 34	1 25	8 44	2 47	19 20	0 46	23 58	0 34	19 34	0 4	10 53	11 18	12 57		n.a.
T 21	15 27	11 2	0 3	5 49	2 27	23 26	1 29	26 45	3 18	9 30	1 25	8 44	2 47	19 20	0 46	23 57	0 33	19 35	0 4	10 53	11 19	12 58		n.a.
F 22	15 45	7 19	1s 3	6 30	2 17	23 40	1 30	26 50	3 23	9 27	1 25	8 44	2 46	19 20	0 46	23 57	0 33	19 35	0 4	10 53	11 20	13 0		n.a.
S 23	16 3	3 21	2 5	7 11	2 6	23 52	1 32	26 56	3 28	9 23	1 25	8 45	2 46	19 20	0 46	23 57	0 33	19 35	0 4	10 54	11 22	13 2		n.a.
S 24	16 20	0n41	3 0	7 54	1 55	24 5	1 33	27 1	3 32	9 19	1 26	8 45	2 46	19 20	0 46	23 57	0 33	19 36	0 4	10 56	11 23	13 3		n.a.
M25	16 38	4 40	3 46	8 39	1 44	24 16	1 35	27 6	3 37	9 16	1 26	8 45	2 46	19 20	0 46	23 57	0 33	19 36	0 4	10 59	11 24	13 5		n.a.
T 26	16 54	8 26	4 22	9 25	1 32	24 27	1 36	27 10	3 42	9 12	1 26	8 45	2 45	19 20	0 46	23 57	0 33	19 37	0 4	11 2	11 25	13 6		n.a.
W27	17 11	11 52	4 47	10 11	1 20	24 37	1 37	27 15	3 47	9 9	1 26	8 46	2 45	19 20	0 46	23 57	0 33	19 37	0 4	11 7	11 26	13 8		n.a.
T 28	17 28	14 49	4 59	10 59	1 8	24 46	1 38	27 20	3 52	9 6	1 26	8 46	2 45	19 20	0 46	23 57	0 33	19 38	0 4	11 12	11 27	13 10		n.a.
F 29	17 44	17 10	4 58	11 48	0 56	24 55	1 39	27 25	3 57	9 2	1 27	8 46	2 45	19 20	0 46	23 56	0 33	19 38	0 4	11 16	11 29	13 11		n.a.
S 30	18 0	18 48	4 45	12 36	0 44	25 3	1 40	27 30	4 2	8 59	1 27	8 46	2 44	19 20	0 46	23 56	0 33	19 38	0 4	11 21	11 30	13 13		n.a.
S 31	18n15	19n37	4s18	13n26	0s32	25n10	1n41	27s34	4s 7	8s56	1s27	8n46	2n44	19s20	0s46	23n56	0n33	19n39	0s 4	11n24	11n31	13n15		n.a.

Julian Day Number = 982642.5, Delta T = 13h11m59s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'29, Lahiri = -31°50'29 Julian Calendar 1 May 2023 BCE == Greg. Calendar 14 Apr. 2023 BCE

The year -2022 astronomical counting style corresponds to year 2023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

JUNE 2023 BCE (-2022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 28 38	21♉32'13	14♋ 0	8♉19	20♊36	18°R59	11♓ 8	14°R26	8°R10	11♋55	26♉17	0°R41	0♍28	20♉11	n.a.	M 1
T 2	15 32 34	22°29'21	26°17	10°16	21°48	18♐53	11°17	14♍25	8♒10	11°56	26°18	0♍37	0°25	20°17	n.a.	T 2
W 3	15 36 31	23°26'30	8♌47	12°16	23° 1	18°47	11°26	14°25	8°10	11°58	26°20	0°34	0°21	20°24	n.a.	W 3
T 4	15 40 27	24°23'40	21°36	14°17	24°13	18°40	11°34	14°25	8°10	12° 0	26°21	0°34	0°18	20°31	n.a.	T 4
F 5	15 44 24	25°20'50	4♍46	16°20	25°25	18°32	11°42	14°25	8°10	12° 1	26°23	0°34	0°15	20°37	n.a.	F 5
S 6	15 48 20	26°18'00	18°23	18°25	26°37	18°24	11°50	14°D25	8°10	12° 3	26°25	0°33	0°12	20°44	n.a.	S 6
S 7	15 52 17	27°15'11	2♎26	20°30	27°49	18°15	11°58	14°25	8° 9	12° 4	26°26	0°31	0° 9	20°51	n.a.	S 7
M 8	15 56 13	28°12'22	16°58	22°36	29° 2	18° 5	12° 6	14°25	8° 9	12° 6	26°28	0°26	0° 5	20°58	n.a.	M 8
T 9	16 0 10	29° 9'34	1♏53	24°43	0♋14	17°55	12°14	14°25	8° 9	12° 8	26°29	0°19	0° 2	21° 4	n.a.	T 9
W10	16 4 7	0♏ 6'47	17° 6	26°50	1°26	17°44	12°21	14°25	8° 8	12°10	26°31	0° 9	29♌59	21°11	n.a.	W10
T 11	16 8 3	1° 4'00	2♐25	28°57	2°38	17°32	12°29	14°26	8° 8	12°11	26°33	29♌58	29°56	21°18	n.a.	T 11
F 12	16 12 0	2° 1'15	17°40	1♏ 4	3°50	17°20	12°36	14°26	8° 7	12°13	26°34	29°48	29°53	21°24	n.a.	F 12
S 13	16 15 56	2°58'31	2♑39	3°10	5° 2	17° 8	12°43	14°27	8° 6	12°15	26°36	29°39	29°50	21°31	n.a.	S 13
S 14	16 19 53	3°55'47	17°15	5°15	6°14	16°55	12°50	14°28	8° 6	12°17	26°37	29°32	29°46	21°38	n.a.	S 14
M15	16 23 49	4°53'06	1♒22	7°19	7°26	16°41	12°57	14°29	8° 5	12°19	26°39	29°27	29°43	21°45	n.a.	M15
T 16	16 27 46	5°50'25	15° 0	9°22	8°37	16°27	13° 4	14°30	8° 4	12°21	26°41	29°25	29°40	21°51	n.a.	T 16
W17	16 31 43	6°47'46	28° 9	11°24	9°49	16°13	13°10	14°31	8° 4	12°22	26°42	29°D25	29°37	21°58	n.a.	W17
T 18	16 35 39	7°45'08	10♓55	13°25	11° 1	15°58	13°17	14°32	8° 3	12°24	26°44	29°R25	29°34	22° 5	n.a.	T 18
F 19	16 39 36	8°42'31	23°20	15°24	12°13	15°43	13°23	14°33	8° 2	12°26	26°45	29°24	29°31	22°12	n.a.	F 19
S 20	16 43 32	9°39'56	5♈31	17°22	13°25	15°28	13°29	14°34	8° 1	12°28	26°47	29°22	29°27	22°18	n.a.	S 20
S 21	16 47 29	10°37'23	17°31	19°19	14°36	15°12	13°35	14°36	8° 0	12°30	26°48	29°17	29°24	22°25	n.a.	S 21
M22	16 51 25	11°34'51	29°25	21°14	15°48	14°56	13°41	14°37	7°59	12°32	26°50	29°10	29°21	22°32	n.a.	M22
T 23	16 55 22	12°32'20	11♉16	23° 8	16°59	14°41	13°46	14°39	7°58	12°34	26°52	28°59	29°18	22°38	n.a.	T 23
W24	16 59 18	13°29'51	23° 8	25° 0	18°11	14°25	13°52	14°40	7°57	12°36	26°53	28°47	29°15	22°45	n.a.	W24
T 25	17 3 15	14°27'23	5♊ 1	26°50	19°23	14° 9	13°57	14°42	7°56	12°38	26°55	28°34	29°11	22°52	n.a.	T 25
F 26	17 7 12	15°24'57	16°58	28°39	20°34	13°53	14° 2	14°44	7°55	12°40	26°56	28°21	29° 8	22°59	n.a.	F 26
S 27	17 11 8	16°22'32	29° 0	0♋27	21°46	13°37	14° 7	14°46	7°54	12°42	26°58	28° 9	29° 5	23° 5	n.a.	S 27
S 28	17 15 5	17°20'09	11♋ 8	2°13	22°57	13°21	14°12	14°48	7°52	12°44	26°59	27°59	29° 2	23°12	n.a.	S 28
M29	17 19 1	18°17'47	23°24	3°57	24° 8	13° 5	14°16	14°50	7°51	12°46	27° 1	27°52	28°59	23°19	n.a.	M29
T 30	17 22 58	19♊15'26	5♌49	5♋40	25♋20	12♐50	14♓21	14♍53	7♒50	12♋48	27♉ 2	27♌47	28♌56	23♉26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n31	19n32	3s40	14n15	0s20	25n16	1n42	27s39	4s12	8s53	1s27	8n46	2n44	19s20	0s46	23n56	0n33	19n39	0s 3	11n27	11n32	13n16		n.a.
T 2	18 46	18 32	2 51	15 4	0 8	25 22	1 42	27 43	4 17	8 49	1 28	8 46	2 44	19 20	0 46	23 56	0 33	19 40	0 3	11 29	11 33	13 18		n.a.
W 3	19 1	16 37	1 52	15 53	0n 3	25 27	1 43	27 47	4 22	8 46	1 28	8 46	2 43	19 20	0 46	23 56	0 33	19 40	0 3	11 30	11 34	13 20		n.a.
T 4	19 15	13 51	0 47	16 40	0 14	25 31	1 44	27 52	4 27	8 43	1 28	8 45	2 43	19 20	0 46	23 56	0 33	19 41	0 3	11 30	11 35	13 21		n.a.
F 5	19 29	10 18	0n22	17 27	0 25	25 35	1 44	27 56	4 32	8 40	1 28	8 45	2 43	19 20	0 47	23 55	0 33	19 41	0 3	11 30	11 37	13 23		n.a.
S 6	19 43	6 6	1 33	18 13	0 35	25 38	1 45	28 0	4 36	8 37	1 29	8 45	2 43	19 21	0 47	23 55	0 33	19 42	0 3	11 30	11 38	13 24		n.a.
S 7	19 57	1 27	2 40	18 57	0 45	25 39	1 45	28 3	4 41	8 34	1 29	8 45	2 42	19 21	0 47	23 55	0 33	19 42	0 3	11 31	11 39	13 26		n.a.
M 8	20 10	3s26	3 39	19 40	0 54	25 41	1 45	28 7	4 46	8 32	1 29	8 44	2 42	19 21	0 47	23 55	0 33	19 42	0 3	11 33	11 40	13 28		n.a.
T 9	20 23	8 14	4 25	20 20	1 2	25 41	1 46	28 11	4 50	8 29	1 29	8 44	2 42	19 21	0 47	23 55	0 33	19 43	0 3	11 35	11 41	13 29		n.a.
W10	20 35	12 36	4 53	20 59	1 10	25 41	1 46	28 14	4 55	8 26	1 30	8 44	2 42	19 21	0 47	23 55	0 33	19 43	0 3	11 39	11 42	13 31		n.a.
T 11	20 47	16 10	5 0	21 35	1 17	25 40	1 46	28 17	4 59	8 24	1 30	8 43	2 41	19 21	0 47	23 54	0 33	19 44	0 3	11 42	11 43	13 33		n.a.
F 12	20 59	18 35	4 46	22 9	1 24	25 38	1 46	28 21	5 4	8 21	1 30	8 43	2 41	19 21	0 47	23 54	0 33	19 44	0 3	11 46	11 45	13 34		n.a.
S 13	21 11	19 41	4 13	22 41	1 30	25 35	1 46	28 23	5 8	8 18	1 30	8 42	2 41	19 22	0 47	23 54	0 33	19 45	0 3	11 50	11 46	13 36		n.a.
S 14	21 22	19 26	3 23	23 10	1 35	25 32	1 46	28 26	5 12	8 16	1 31	8 42	2 41	19 22	0 47	23 54	0 33	19 45	0 3	11 52	11 47	13 37		n.a.
M15	21 33	17 57	2 22	23 36	1 39	25 28	1 45	28 29	5 16	8 13	1 31	8 41	2 40	19 22	0 47	23 54	0 33	19 46	0 3	11 54	11 48	13 39		n.a.
T 16	21 43	15 28	1 16	24 0	1 43	25 23	1 45	28 31	5 20	8 11	1 31	8 41	2 40	19 22	0 47	23 54	0 33	19 46	0 3	11 54	11 49	13 41		n.a.
W17	21 53	12 15	0 7	24 21	1 46	25 17	1 45	28 33	5 24	8 9	1 32	8 40	2 40	19 23	0 47	23 53	0 33	19 46	0 2	11 54	11 50	13 42		n.a.
T 18	22 3	8 33	1s 0	24 39	1 48	25 11	1 44	28 35	5 27	8 7	1 32	8 39	2 39	19 23	0 47	23 53	0 33	19 47	0 2	11 54	11 51	13 44		n.a.
F 19	22 12	4 34	2 3	24 55	1 50	25 4	1 43	28 37	5 31	8 4	1 32	8 38	2 39	19 23	0 47	23 53	0 33	19 47	0 2	11 55	11 52	13 45		n.a.
S 20	22 21	0 29	2 59	25 9	1 51	24 56	1 43	28 39	5 34	8 2	1 32	8 38	2 39	19 23	0 47	23 53	0 33	19 48	0 2	11 56	11 54	13 47		n.a.
S 21	22 29	3n33	3 45	25 20	1 51	24 48	1 42	28 40	5 37	8 0	1 33	8 37	2 39	19 24	0 47	23 53	0 33	19 48	0 2	11 57	11 55	13 49		n.a.
M22	22 38	7 25	4 22	25 28	1 51	24 38	1 41	28 41	5 40	7 58	1 33	8 36	2 38	19 24	0 47	23 53	0 33	19 49	0 2	12 0	11 56	13 50		n.a.
T 23	22 45	10 59	4 47	25 34	1 50	24 28	1 40	28 42	5 43	7 56	1 33	8 35	2 38	19 24	0 47	23 52	0 33	19 49	0 2	12 4	11 57	13 52		n.a.
W24	22 53	14 6	4 59	25 38	1 49	24 18	1 39	28 43	5 46	7 54	1 34	8 34	2 38	19 25	0 47	23 52	0 33	19 49	0 2	12 8	11 58	13 53		n.a.
T 25	23 0	16 40	4 59	25 40	1 47	24 6	1 38	28 44	5 49	7 53	1 34	8 33	2 38	19 25	0 47	23 52	0 33	19 50	0 2	12 12	11 59	13 55		n.a.
F 26	23 6	18 32	4 45	25 40	1 45	23 54	1 37	28 44	5 51	7 51	1 34	8 32	2 37	19 25	0 47	23 52	0 33	19 50	0 2	12 17	12 0	13 57		n.a.
S 27	23 13	19 36	4 19	25 37	1 42	23 42	1 36	28 44	5 53	7 49	1 34	8 31	2 37	19 26	0 47	23 52	0 34	19 51	0 2	12 21	12 2	13 58		n.a.
S 28	23 18	19 47	3 41	25 33	1 39	23 28	1 34	28 44	5 55	7 48	1 35	8 30	2 37	19 26	0 47	23 51	0 34	19 51	0 2	12 25	12 3	14 0		n.a.
M29	23 24	19 2	2 52	25 27	1 35	23 14	1 33	28 44	5 57	7 46	1 35	8 29	2 37	19 26	0 47	23 51	0 34	19 52	0 2	12 27	12 4	14 1		n.a.
T 30	23n29	17n22	1s54	25n19	1n31	23n 0	1n31	28s43	5s59	7s45	1s35	8n28	2n36	19s27	0s47	23n51	0n34	19n52	0s 2	12n29	12n 5	14n 3		n.a.

Julian Day Number = 982673.5, Delta T = 13h11m57s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'25, Lahiri = -31°50'25 Julian Calendar 1 June 2023 BCE == Greg. Calendar 15 May 2023 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

JULY 2023 BCE (-2022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 26 54	20♊13'06	18♌26	7♋22	26♋31	12°R35	14♓25	14♍55	7°R48	12♋50	27♉ 4	27°R45	28♌52	23♉32	n.a.	W 1
T 2	17 30 51	21°10'48	1♍19	9° 2	27°42	12♐20	14°29	14°57	7♒47	12°52	27° 5	27°D45	28°49	23°39	n.a.	T 2
F 3	17 34 47	22° 8'31	14°29	10°41	28°53	12° 5	14°33	15° 0	7°46	12°54	27° 7	27♌45	28°46	23°46	n.a.	F 3
S 4	17 38 44	23° 6'15	28° 0	12°18	0♌ 4	11°51	14°36	15° 2	7°44	12°57	27° 8	27°R45	28°43	23°52	n.a.	S 4
S 5	17 42 41	24° 4'01	11♎55	13°54	1°15	11°37	14°40	15° 5	7°43	12°59	27°10	27°44	28°40	23°59	n.a.	S 5
M 6	17 46 37	25° 1'48	26°14	15°28	2°26	11°24	14°43	15° 8	7°41	13° 1	27°11	27°41	28°36	24° 6	n.a.	M 6
T 7	17 50 34	25°59'36	10♏54	17° 1	3°37	11°11	14°46	15°11	7°39	13° 3	27°12	27°35	28°33	24°13	n.a.	T 7
W 8	17 54 30	26°57'26	25°51	18°32	4°48	10°59	14°49	15°14	7°38	13° 5	27°14	27°27	28°30	24°19	n.a.	W 8
T 9	17 58 27	27°55'17	10♐57	20° 2	5°59	10°47	14°52	15°17	7°36	13° 7	27°15	27°19	28°27	24°26	n.a.	T 9
F 10	18 2 23	28°53'10	26° 2	21°31	7°10	10°36	14°54	15°20	7°34	13° 9	27°17	27°10	28°24	24°33	n.a.	F 10
S 11	18 6 20	29°51'05	10♑56	22°58	8°21	10°26	14°57	15°23	7°33	13°12	27°18	27° 2	28°21	24°39	n.a.	S 11
S 12	18 10 16	0♋49'02	25°31	24°23	9°31	10°16	14°59	15°26	7°31	13°14	27°19	26°56	28°17	24°46	n.a.	S 12
M13	18 14 13	1°47'00	9♒41	25°47	10°42	10° 6	15° 1	15°30	7°29	13°16	27°21	26°53	28°14	24°53	n.a.	M13
T 14	18 18 10	2°45'01	23°23	27°10	11°52	9°58	15° 3	15°33	7°27	13°18	27°22	26°D52	28°11	25° 0	n.a.	T 14
W15	18 22 6	3°43'03	6♓37	28°31	13° 3	9°50	15° 4	15°37	7°25	13°20	27°24	26°52	28° 8	25° 6	n.a.	W15
T 16	18 26 3	4°41'08	19°27	29°50	14°13	9°43	15° 6	15°40	7°23	13°23	27°25	26°53	28° 5	25°13	n.a.	T 16
F 17	18 29 59	5°39'15	1♈55	1♌ 7	15°24	9°36	15° 7	15°44	7°22	13°25	27°26	26°R54	28° 2	25°20	n.a.	F 17
S 18	18 33 56	6°37'24	14° 7	2°23	16°34	9°31	15° 8	15°48	7°20	13°27	27°27	26°54	27°58	25°27	n.a.	S 18
S 19	18 37 52	7°35'35	26° 8	3°37	17°44	9°26	15° 9	15°52	7°18	13°29	27°29	26°52	27°55	25°33	n.a.	S 19
M20	18 41 49	8°33'48	8♉ 2	4°50	18°54	9°22	15° 9	15°55	7°16	13°31	27°30	26°48	27°52	25°40	n.a.	M20
T 21	18 45 45	9°32'04	19°53	6° 0	20° 4	9°18	15°10	15°59	7°14	13°34	27°31	26°42	27°49	25°47	n.a.	T 21
W22	18 49 42	10°30'21	1♊46	7° 8	21°14	9°16	15°10	16° 4	7°11	13°36	27°33	26°34	27°46	25°53	n.a.	W22
T 23	18 53 39	11°28'41	13°43	8°15	22°24	9°14	15°R10	16° 8	7° 9	13°38	27°34	26°26	27°42	26° 0	n.a.	T 23
F 24	18 57 35	12°27'03	25°46	9°18	23°34	9°13	15°10	16°12	7° 7	13°40	27°35	26°17	27°39	26° 7	n.a.	F 24
S 25	19 1 32	13°25'27	7♋57	10°20	24°44	9°D12	15° 9	16°16	7° 5	13°43	27°36	26°10	27°36	26°14	n.a.	S 25
S 26	19 5 28	14°23'54	20°18	11°19	25°53	9°13	15° 9	16°21	7° 3	13°45	27°37	26° 3	27°33	26°20	n.a.	S 26
M27	19 9 25	15°22'22	2♌48	12°15	27° 3	9°14	15° 8	16°25	7° 1	13°47	27°39	25°59	27°30	26°27	n.a.	M27
T 28	19 13 21	16°20'52	15°29	13° 9	28°12	9°17	15° 7	16°30	6°59	13°49	27°40	25°57	27°27	26°34	n.a.	T 28
W29	19 17 18	17°19'24	28°22	13°59	29°22	9°20	15° 6	16°34	6°56	13°52	27°41	25°D56	27°23	26°41	n.a.	W29
T 30	19 21 14	18°17'58	11♍28	14°46	0♍31	9°23	15° 4	16°39	6°54	13°54	27°42	25°57	27°20	26°47	n.a.	T 30
F 31	19 25 11	19♋16'34	24♍48	15♌30	1♍40	9♐28	15♓ 3	16♍44	6♒52	13♋56	27♉43	25♌59	27♌17	26♉54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	23n33	14n50	0s49	25n 9	1n26	22n44	1n29	28s43	6s 0	7s43	1s36	8n27	2n36	19s27	0s48	23n51	0n34	19n52	0s 2	12n30	12n 6	14n 5					n.a.
T 2	23 37	11 31	0n19	24 58	1 21	22 28	1 28	28 42	6 1	7 42	1 36	8 26	2 36	19 27	0 48	23 51	0 34	19 53	0 1	12 30	12 7	14 6					n.a.
F 3	23 41	7 35	1 28	24 45	1 16	22 12	1 26	28 41	6 3	7 41	1 36	8 25	2 36	19 28	0 48	23 50	0 34	19 53	0 1	12 30	12 8	14 8					n.a.
S 4	23 44	3 9	2 34	24 31	1 10	21 55	1 24	28 40	6 4	7 40	1 36	8 23	2 35	19 28	0 48	23 50	0 34	19 54	0 1	12 30	12 9	14 9					n.a.
S 5	23 47	1s33	3 33	24 15	1 4	21 37	1 22	28 39	6 4	7 38	1 37	8 22	2 35	19 29	0 48	23 50	0 34	19 54	0 1	12 30	12 11	14 11					n.a.
M 6	23 50	6 18	4 20	23 58	0 58	21 19	1 20	28 37	6 5	7 37	1 37	8 21	2 35	19 29	0 48	23 50	0 34	19 54	0 1	12 31	12 12	14 12					n.a.
T 7	23 52	10 47	4 52	23 40	0 51	21 0	1 18	28 36	6 5	7 36	1 37	8 19	2 35	19 30	0 48	23 50	0 34	19 55	0 1	12 33	12 13	14 14					n.a.
W 8	23 53	14 41	5 4	23 21	0 45	20 40	1 16	28 34	6 6	7 36	1 38	8 18	2 34	19 30	0 48	23 49	0 34	19 55	0 1	12 36	12 14	14 16					n.a.
T 9	23 54	17 40	4 56	23 1	0 37	20 20	1 13	28 33	6 6	7 35	1 38	8 16	2 34	19 31	0 48	23 49	0 34	19 56	0 1	12 39	12 15	14 17					n.a.
F 10	23 55	19 25	4 27	22 40	0 30	20 0	1 11	28 31	6 6	7 34	1 38	8 15	2 34	19 31	0 48	23 49	0 34	19 56	0 1	12 42	12 16	14 19					n.a.
S 11	23 55	19 48	3 40	22 18	0 22	19 39	1 8	28 29	6 5	7 33	1 39	8 14	2 34	19 32	0 48	23 49	0 34	19 56	0 1	12 45	12 17	14 20					n.a.
S 12	23 55	18 51	2 40	21 55	0 15	19 17	1 6	28 27	6 5	7 33	1 39	8 12	2 33	19 32	0 48	23 49	0 34	19 57	0 1	12 47	12 18	14 22					n.a.
M13	23 55	16 44	1 31	21 31	0 6	18 55	1 3	28 25	6 4	7 32	1 39	8 10	2 33	19 32	0 48	23 48	0 34	19 57	0 1	12 48	12 20	14 23					n.a.
T 14	23 54	13 42	0 19	21 7	0s 2	18 33	1 0	28 23	6 4	7 32	1 40	8 9	2 33	19 33	0 48	23 48	0 34	19 57	0 1	12 48	12 21	14 25					n.a.
W15	23 52	10 4	0s52	20 43	0 10	18 10	0 58	28 21	6 3	7 32	1 40	8 7	2 33	19 34	0 48	23 48	0 34	19 58	0 1	12 48	12 22	14 27					n.a.
T 16	23 50	6 4	1 58	20 17	0 19	17 46	0 55	28 19	6 2	7 31	1 40	8 6	2 32	19 34	0 48	23 48	0 34	19 58	0 1	12 48	12 23	14 28					n.a.
F 17	23 48	1 55	2 57	19 52	0 28	17 22	0 52	28 17	6 1	7 31	1 40	8 4	2 32	19 35	0 48	23 47	0 34	19 59	0 1	12 48	12 24	14 30					n.a.
S 18	23 45	2n13	3 46	19 26	0 37	16 58	0 49	28 15	6 0	7 31	1 41	8 2	2 32	19 35	0 48	23 47	0 34	19 59	0 0	12 48	12 25	14 31					n.a.
S 19	23 42	6 11	4 25	19 0	0 46	16 33	0 46	28 13	5 58	7 31	1 41	8 0	2 32	19 36	0 48	23 47	0 34	19 59	0 0	12 49	12 26	14 33					n.a.
M20	23 38	9 53	4 51	18 33	0 55	16 8	0 42	28 11	5 57	7 31	1 41	7 59	2 32	19 36	0 48	23 47	0 34	20 0	0 0	12 50	12 27	14 34					n.a.
T 21	23 34	13 10	5 5	18 7	1 4	15 42	0 39	28 9	5 55	7 31	1 42	7 57	2 31	19 37	0 48	23 47	0 34	20 0	0 0	12 52	12 28	14 36					n.a.
W22	23 30	15 56	5 6	17 41	1 14	15 16	0 36	28 7	5 54	7 31	1 42	7 55	2 31	19 37	0 48	23 46	0 34	20 0	0 0	12 55	12 30	14 37					n.a.
T 23	23 25	18 3	4 54	17 14	1 23	14 50	0 32	28 5	5 52	7 32	1 42	7 53	2 31	19 38	0 48	23 46	0 34	20 1	0 0	12 57	12 31	14 39					n.a.
F 24	23 20	19 23	4 28	16 48	1 33	14 23	0 29	28 3	5 50	7 32	1 43	7 51	2 31	19 38	0 48	23 46	0 34	20 1	0 0	13 0	12 32	14 41					n.a.
S 25	23 14	19 51	3 50	16 22	1 42	13 56	0 25	28 1	5 48	7 32	1 43	7 49	2 30	19 39	0 48	23 46	0 34	20 1	0 0	13 3	12 33	14 42					n.a.
S 26	23 8	19 22	3 1	15 57	1 52	13 29	0 22	27 59	5 46	7 33	1 43	7 48	2 30	19 40	0 48	23 45	0 34	20 2	0n 0	13 5	12 34	14 44					n.a.
M27	23 1	17 57	2 2	15 32	2 1	13 1	0 18	27 57	5 44	7 33	1 43	7 46	2 30	19 40	0 48	23 45	0 34	20 2	0 0	13 7	12 35	14 45					n.a.
T 28	22 54	15 37	0 56	15 8	2 11	12 34	0 14	27 55	5 42	7 34	1 44	7 44	2 30	19 41	0 48	23 45	0 34	20 2	0 0	13 8	12 36	14 47					n.a.
W29	22 47	12 29	0n13	14 44	2 20	12 5	0 10	27 53	5 40	7 35	1 44	7 42	2 30	19 41	0 48	23 45	0 34	20 3	0 0	13 8	12 37	14 48					n.a.
T 30	22 39	8 41	1 24	14 21	2 29	11 37	0 7	27 52	5 37	7 36	1 44	7 40	2 29	19 42	0 48	23 45	0 34	20 3	0 0	13 7	12 39	14 50					n.a.
F 31	22n30	4n24	2n31	14n 0	2s38	11n 8	0n 3	27s50	5s35	7s37	1s45	7n37	2n29	19s43	0s48	23n44	0n34	20n 3	0n 0	13n 7	12n40	14n51					n.a.

Julian Day Number = 982703.5, Delta T = 13h11m55s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'21, Lahiri = -31°50'21 Julian Calendar 1 July 2023 BCE == Greg. Calendar 14 June 2023 BCE

The year -2022 astronomical counting style corresponds to year 2023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

AUGUST 2023 BCE (-2022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 29 7	20♋15'11	8♎24	16♌10	2♍50	9♐33	15°R 1	16♍48	6°R50	13♋58	27♉44	26♌ 0	27♌14	27♉ 1	n.a.	S 1
S 2	19 33 4	21°13'51	22°16	16°45	3°59	9°39	14♓59	16°53	6♒47	14° 0	27°45	26°R 0	27°11	27° 7	n.a.	S 2
M 3	19 37 1	22°12'32	6♏24	17°17	5° 8	9°46	14°57	16°58	6°45	14° 3	27°46	26° 0	27° 8	27°14	n.a.	M 3
T 4	19 40 57	23°11'15	20°47	17°43	6°16	9°54	14°54	17° 3	6°43	14° 5	27°47	25°57	27° 4	27°21	n.a.	T 4
W 5	19 44 54	24°10'00	5♐22	18° 5	7°25	10° 2	14°52	17° 8	6°40	14° 7	27°48	25°54	27° 1	27°28	n.a.	W 5
T 6	19 48 50	25° 8'47	20° 4	18°21	8°34	10°12	14°49	17°13	6°38	14° 9	27°49	25°49	26°58	27°34	n.a.	T 6
F 7	19 52 47	26° 7'37	4♑45	18°31	9°42	10°22	14°46	17°18	6°36	14°11	27°50	25°45	26°55	27°41	n.a.	F 7
S 8	19 56 43	27° 6'28	19°20	18°R35	10°51	10°32	14°43	17°24	6°33	14°14	27°51	25°41	26°52	27°48	n.a.	S 8
S 9	20 0 40	28° 5'21	3♒40	18°33	11°59	10°43	14°39	17°29	6°31	14°16	27°52	25°38	26°48	27°55	n.a.	S 9
M10	20 4 36	29° 4'16	17°41	18°23	13° 7	10°55	14°36	17°34	6°28	14°18	27°53	25°37	26°45	28° 1	n.a.	M10
T 11	20 8 33	0♌ 3'14	1♓20	18° 7	14°15	11° 8	14°32	17°40	6°26	14°20	27°54	25°D37	26°42	28° 8	n.a.	T 11
W12	20 12 30	1° 2'14	14°34	17°43	15°23	11°21	14°28	17°45	6°24	14°22	27°55	25°38	26°39	28°15	n.a.	W12
T 13	20 16 26	2° 1'17	27°26	17°12	16°31	11°35	14°24	17°51	6°21	14°24	27°55	25°39	26°36	28°21	n.a.	T 13
F 14	20 20 23	3° 0'21	9♈58	16°33	17°39	11°50	14°20	17°56	6°19	14°27	27°56	25°41	26°33	28°28	n.a.	F 14
S 15	20 24 19	3°59'29	22°13	15°47	18°46	12° 5	14°15	18° 2	6°16	14°29	27°57	25°42	26°29	28°35	n.a.	S 15
S 16	20 28 16	4°58'39	4♉16	14°55	19°53	12°21	14°11	18° 8	6°14	14°31	27°58	25°R43	26°26	28°42	n.a.	S 16
M17	20 32 12	5°57'51	16°11	13°57	21° 1	12°37	14° 6	18°13	6°12	14°33	27°58	25°42	26°23	28°48	n.a.	M17
T 18	20 36 9	6°57'06	28° 4	12°53	22° 8	12°54	14° 1	18°19	6° 9	14°35	27°59	25°41	26°20	28°55	n.a.	T 18
W19	20 40 5	7°56'23	9♊58	11°46	23°15	13°12	13°56	18°25	6° 7	14°37	28° 0	25°39	26°17	29° 2	n.a.	W19
T 20	20 44 2	8°55'43	21°57	10°37	24°21	13°30	13°50	18°31	6° 4	14°39	28° 1	25°37	26°14	29° 9	n.a.	T 20
F 21	20 47 58	9°55'05	4♋ 6	9°27	25°28	13°49	13°45	18°37	6° 2	14°41	28° 1	25°34	26°10	29°15	n.a.	F 21
S 22	20 51 55	10°54'30	16°26	8°19	26°35	14° 8	13°39	18°43	5°59	14°43	28° 2	25°32	26° 7	29°22	n.a.	S 22
S 23	20 55 51	11°53'57	29° 0	7°14	27°41	14°28	13°33	18°49	5°57	14°45	28° 2	25°30	26° 4	29°29	n.a.	S 23
M24	20 59 48	12°53'26	11♌48	6°15	28°47	14°48	13°27	18°55	5°55	14°47	28° 3	25°29	26° 1	29°35	n.a.	M24
T 25	21 3 45	13°52'57	24°50	5°22	29°53	15° 9	13°21	19° 1	5°52	14°49	28° 4	25°D29	25°58	29°42	n.a.	T 25
W26	21 7 41	14°52'31	8♍ 6	4°37	0♎59	15°30	13°15	19° 7	5°50	14°51	28° 4	25°29	25°54	29°49	n.a.	W26
T 27	21 11 38	15°52'07	21°36	4° 2	2° 4	15°52	13° 9	19°14	5°48	14°53	28° 5	25°29	25°51	29°56	n.a.	T 27
F 28	21 15 34	16°51'44	5♎17	3°37	3°10	16°15	13° 2	19°20	5°45	14°55	28° 5	25°30	25°48	0♊ 2	n.a.	F 28
S 29	21 19 31	17°51'24	19° 8	3°23	4°15	16°38	12°56	19°26	5°43	14°57	28° 6	25°31	25°45	0° 9	n.a.	S 29
S 30	21 23 27	18°51'05	3♏ 9	3°D20	5°20	17° 1	12°49	19°32	5°40	14°59	28° 6	25°32	25°42	0°16	n.a.	S 30
M31	21 27 24	19♌50'49	17♏17	3♌28	6♎25	17♐25	12♓42	19♍39	5♒38	15♋ 1	28♉ 6	25°R32	25♌39	0♊22	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n22	0s11	3n31	13n39	2s47	10n39	0s 1	27s48	5s33	7s38	1s45	7n35	2n29	19s43	0s48	23n44	0n34	20n 4	0n 0	13n 6	12n41	14n53		n.a.
S 2	22 13	4 50	4 20	13 20	2 56	10 10	0 5	27 47	5 30	7 39	1 45	7 33	2 29	19 44	0 48	23 44	0 34	20 4	0 0	13 6	12 42	14 54		n.a.
M 3	22 3	9 18	4 54	13 3	3 4	9 40	0 10	27 46	5 28	7 40	1 45	7 31	2 29	19 44	0 48	23 44	0 34	20 4	0 1	13 7	12 43	14 56		n.a.
T 4	21 53	13 19	5 11	12 47	3 13	9 11	0 14	27 44	5 25	7 41	1 46	7 29	2 28	19 45	0 48	23 43	0 34	20 5	0 1	13 7	12 44	14 57		n.a.
W 5	21 43	16 35	5 8	12 33	3 20	8 41	0 18	27 43	5 22	7 42	1 46	7 27	2 28	19 46	0 48	23 43	0 34	20 5	0 1	13 9	12 45	14 59		n.a.
T 6	21 32	18 49	4 45	12 21	3 27	8 11	0 22	27 42	5 20	7 44	1 46	7 25	2 28	19 46	0 48	23 43	0 34	20 5	0 1	13 10	12 46	15 0		n.a.
F 7	21 21	19 47	4 3	12 12	3 34	7 41	0 27	27 41	5 17	7 45	1 47	7 22	2 28	19 47	0 48	23 43	0 34	20 5	0 1	13 12	12 47	15 2		n.a.
S 8	21 10	19 26	3 6	12 5	3 39	7 10	0 31	27 40	5 14	7 46	1 47	7 20	2 28	19 47	0 48	23 43	0 34	20 6	0 1	13 13	12 49	15 3		n.a.
S 9	20 58	17 49	1 58	12 2	3 44	6 40	0 35	27 39	5 12	7 48	1 47	7 18	2 28	19 48	0 48	23 42	0 34	20 6	0 1	13 14	12 50	15 5		n.a.
M10	20 46	15 9	0 43	12 1	3 48	6 9	0 40	27 38	5 9	7 50	1 47	7 16	2 27	19 49	0 48	23 42	0 34	20 6	0 1	13 14	12 51	15 6		n.a.
T 11	20 33	11 42	0s31	12 3	3 51	5 38	0 44	27 37	5 6	7 51	1 48	7 13	2 27	19 49	0 48	23 42	0 34	20 6	0 1	13 14	12 52	15 8		n.a.
W12	20 20	7 46	1 42	12 9	3 52	5 7	0 49	27 36	5 3	7 53	1 48	7 11	2 27	19 50	0 48	23 42	0 34	20 7	0 1	13 14	12 53	15 10		n.a.
T 13	20 7	3 34	2 46	12 19	3 52	4 37	0 53	27 35	5 0	7 55	1 48	7 9	2 27	19 51	0 48	23 41	0 34	20 7	0 1	13 14	12 54	15 11		n.a.
F 14	19 53	0n40	3 40	12 32	3 50	4 5	0 58	27 34	4 58	7 57	1 48	7 6	2 27	19 51	0 48	23 41	0 34	20 7	0 1	13 13	12 55	15 13		n.a.
S 15	19 39	4 46	4 23	12 49	3 47	3 34	1 3	27 34	4 55	7 59	1 49	7 4	2 27	19 52	0 48	23 41	0 34	20 7	0 1	13 13	12 56	15 14		n.a.
S 16	19 24	8 36	4 54	13 10	3 41	3 3	1 7	27 33	4 52	8 1	1 49	7 1	2 26	19 52	0 48	23 41	0 34	20 8	0 1	13 12	12 57	15 16		n.a.
M17	19 10	12 3	5 11	13 34	3 34	2 32	1 12	27 33	4 49	8 3	1 49	6 59	2 26	19 53	0 48	23 41	0 34	20 8	0 1	13 13	12 58	15 17		n.a.
T 18	18 55	15 1	5 15	14 1	3 25	2 1	1 17	27 32	4 46	8 5	1 49	6 56	2 26	19 54	0 48	23 40	0 34	20 8	0 1	13 13	13 0	15 19		n.a.
W19	18 39	17 21	5 6	14 31	3 13	1 29	1 21	27 31	4 43	8 7	1 50	6 54	2 26	19 54	0 48	23 40	0 34	20 8	0 2	13 14	13 1	15 20		n.a.
T 20	18 23	18 58	4 43	15 3	3 0	0 58	1 26	27 31	4 40	8 10	1 50	6 51	2 26	19 55	0 48	23 40	0 34	20 9	0 2	13 15	13 2	15 21		n.a.
F 21	18 7	19 45	4 7	15 37	2 44	0 27	1 31	27 31	4 37	8 12	1 50	6 49	2 26	19 55	0 48	23 40	0 34	20 9	0 2	13 15	13 3	15 23		n.a.
S 22	17 51	19 35	3 19	16 11	2 28	0s 4	1 36	27 30	4 35	8 14	1 50	6 46	2 25	19 56	0 48	23 40	0 34	20 9	0 2	13 16	13 4	15 24		n.a.
S 23	17 34	18 28	2 21	16 45	2 9	0 36	1 41	27 30	4 32	8 17	1 50	6 44	2 25	19 57	0 48	23 39	0 34	20 9	0 2	13 17	13 5	15 26		n.a.
M24	17 17	16 24	1 15	17 19	1 50	1 7	1 45	27 29	4 29	8 19	1 50	6 41	2 25	19 57	0 48	23 39	0 34	20 9	0 2	13 17	13 6	15 27		n.a.
T 25	17 0	13 27	0 4	17 51	1 30	1 38	1 50	27 29	4 26	8 22	1 51	6 39	2 25	19 58	0 48	23 39	0 34	20 10	0 2	13 17	13 7	15 29		n.a.
W26	16 42	9 46	1n 9	18 21	1 10	2 9	1 55	27 28	4 23	8 25	1 51	6 36	2 25	19 59	0 48	23 39	0 34	20 10	0 2	13 17	13 8	15 30		n.a.
T 27	16 24	5 32	2 20	18 49	0 51	2 40	2 0	27 28	4 20	8 27	1 51	6 34	2 25	19 59	0 48	23 39	0 34	20 10	0 2	13 17	13 9	15 32		n.a.
F 28	16 6	0 58	3 23	19 14	0 31	3 11	2 5	27 28	4 17	8 30	1 51	6 31	2 25	20 0	0 48	23 38	0 34	20 10	0 2	13 17	13 11	15 33		n.a.
S 29	15 47	3s43	4 16	19 36	0 12	3 42	2 10	27 27	4 15	8 33	1 51	6 28	2 25	20 0	0 48	23 38	0 34	20 10	0 2	13 16	13 12	15 35		n.a.
S 30	15 29	8 13	4 53	19 54	0n 5	4 13	2 14	27 27	4 12	8 36	1 51	6 26	2 24	20 1	0 48	23 38	0 34	20 10	0 2	13 16	13 13	15 36		n.a.
M31	15n10	12s19	5n14	20n 8	0n22	4s43	2s19	27s27	4s 9	8s38	1s52	6n23	2n24	20s 1	0s48	23n38	0n34	20n11	0n 2	13n16	13n14	15n38		n.a.

Julian Day Number = 982734.5, Delta T = 13h11m53s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'17, Lahiri = -31°50'16 Julian Calendar 1 Aug. 2023 BCE == Greg. Calendar 15 July 2023 BCE

The year -2022 astronomical counting style corresponds to year 2023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

SEPTEMBER 2023 BCE (-2022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 31 20	20♌50'34	1♐30	3♌46	7♎29	17♐49	12°R35	19♍45	5°R36	15♋ 3	28♉ 7	25°R32	25♌35	0♊29	n.a.	T 1
W 2	21 35 17	21°50'21	15°46	4°15	8°34	18°13	12♓28	19°52	5♒34	15° 5	28° 7	25♌31	25°32	0°36	n.a.	W 2
T 3	21 39 13	22°50'11	0♑ 2	4°53	9°38	18°38	12°20	19°58	5°31	15° 7	28° 7	25°31	25°29	0°43	n.a.	T 3
F 4	21 43 10	23°50'02	14°14	5°40	10°42	19° 4	12°13	20° 5	5°29	15° 9	28° 8	25°31	25°26	0°49	n.a.	F 4
S 5	21 47 7	24°49'54	28°20	6°34	11°45	19°29	12° 6	20°11	5°27	15°11	28° 8	25°31	25°23	0°56	n.a.	S 5
S 6	21 51 3	25°49'49	12♒15	7°36	12°48	19°56	11°58	20°18	5°24	15°12	28° 8	25°D31	25°20	1° 3	n.a.	S 6
M 7	21 55 0	26°49'46	25°56	8°43	13°51	20°22	11°51	20°24	5°22	15°14	28° 9	25°R31	25°16	1°10	n.a.	M 7
T 8	21 58 56	27°49'45	9♓20	9°57	14°54	20°49	11°43	20°31	5°20	15°16	28° 9	25°31	25°13	1°16	n.a.	T 8
W 9	22 2 53	28°49'46	22°27	11°15	15°57	21°16	11°35	20°38	5°18	15°18	28° 9	25°30	25°10	1°23	n.a.	W 9
T 10	22 6 49	29°49'49	5♈15	12°37	16°59	21°44	11°27	20°44	5°16	15°19	28° 9	25°30	25° 7	1°30	n.a.	T 10
F 11	22 10 46	0♍49'55	17°46	14° 2	18° 1	22°12	11°19	20°51	5°14	15°21	28° 9	25°29	25° 4	1°36	n.a.	F 11
S 12	22 14 42	1°50'03	0♉ 2	15°30	19° 2	22°40	11°11	20°58	5°12	15°23	28° 9	25°29	25° 0	1°43	n.a.	S 12
S 13	22 18 39	2°50'13	12° 6	17° 1	20° 3	23° 8	11° 3	21° 5	5° 9	15°24	28° 9	25°28	24°57	1°50	n.a.	S 13
M14	22 22 35	3°50'25	24° 2	18°34	21° 4	23°37	10°55	21°11	5° 7	15°26	28°10	25°27	24°54	1°57	n.a.	M14
T 15	22 26 32	4°50'39	5♊55	20° 8	22° 5	24° 6	10°47	21°18	5° 5	15°28	28°10	25°D27	24°51	2° 3	n.a.	T 15
W16	22 30 29	5°50'56	17°49	21°43	23° 5	24°36	10°39	21°25	5° 3	15°29	28°R10	25°27	24°48	2°10	n.a.	W16
T 17	22 34 25	6°51'15	29°49	23°20	24° 4	25° 5	10°31	21°32	5° 1	15°31	28°10	25°28	24°45	2°17	n.a.	T 17
F 18	22 38 22	7°51'36	11♋59	24°57	25° 4	25°35	10°23	21°39	5° 0	15°32	28°10	25°29	24°41	2°24	n.a.	F 18
S 19	22 42 18	8°52'00	24°23	26°35	26° 3	26° 6	10°15	21°46	4°58	15°34	28° 9	25°31	24°38	2°30	n.a.	S 19
S 20	22 46 15	9°52'25	7♌ 5	28°13	27° 1	26°36	10° 7	21°53	4°56	15°35	28° 9	25°32	24°35	2°37	n.a.	S 20
M21	22 50 11	10°52'52	20° 7	29°51	27°59	27° 7	9°58	22° 0	4°54	15°37	28° 9	25°R32	24°32	2°44	n.a.	M21
T 22	22 54 8	11°53'22	3♍28	1♍30	28°57	27°38	9°50	22° 6	4°52	15°38	28° 9	25°32	24°29	2°50	n.a.	T 22
W23	22 58 4	12°53'53	17° 9	3° 9	29°54	28° 9	9°42	22°13	4°50	15°39	28° 9	25°31	24°25	2°57	n.a.	W23
T 24	23 2 1	13°54'26	1♎ 7	4°47	0♏51	28°41	9°34	22°20	4°49	15°41	28° 9	25°29	24°22	3° 4	n.a.	T 24
F 25	23 5 57	14°55'00	15°17	6°25	1°47	29°13	9°26	22°27	4°47	15°42	28° 9	25°27	24°19	3°11	n.a.	F 25
S 26	23 9 54	15°55'37	29°36	8° 4	2°42	29°45	9°18	22°34	4°45	15°44	28° 8	25°24	24°16	3°17	n.a.	S 26
S 27	23 13 51	16°56'14	13♏57	9°42	3°37	0♑17	9°10	22°41	4°44	15°45	28° 8	25°21	24°13	3°24	n.a.	S 27
M28	23 17 47	17°56'54	28°18	11°20	4°32	0°49	9° 2	22°48	4°42	15°46	28° 8	25°19	24°10	3°31	n.a.	M28
T 29	23 21 44	18°57'34	12♐34	12°57	5°26	1°22	8°54	22°55	4°41	15°47	28° 7	25°D18	24° 6	3°37	n.a.	T 29
W30	23 25 40	19♍58'16	26♐42	14♍35	6♏19	1♑55	8♓46	23♍ 2	4♒39	15♋49	28♉ 7	25♌18	24♌ 3	3♊44	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n50	15s44	5n15	20n18	0n37	5s14	2s24	27s26	4s 6	8s41	1s52	6n20	2n24	20s 2	0s48	23n38	0n34	20n11	0n 2	13n16	13n15	15n39		n.a.
W 2	14 31	18 13	4 58	20 25	0 52	5 44	2 29	27 26	4 3	8 44	1 52	6 18	2 24	20 3	0 48	23 37	0 34	20 11	0 2	13 16	13 16	15 41		n.a.
T 3	14 11	19 34	4 22	20 28	1 4	6 14	2 34	27 25	4 0	8 47	1 52	6 15	2 24	20 3	0 48	23 37	0 34	20 11	0 3	13 16	13 17	15 42		n.a.
F 4	13 51	19 40	3 30	20 27	1 16	6 44	2 38	27 25	3 58	8 50	1 52	6 12	2 24	20 4	0 48	23 37	0 35	20 11	0 3	13 16	13 18	15 44		n.a.
S 5	13 30	18 33	2 25	20 23	1 25	7 14	2 43	27 24	3 55	8 53	1 52	6 10	2 24	20 4	0 48	23 37	0 35	20 11	0 3	13 16	13 19	15 45		n.a.
S 6	13 10	16 18	1 13	20 15	1 34	7 43	2 48	27 23	3 52	8 56	1 52	6 7	2 24	20 5	0 48	23 37	0 35	20 11	0 3	13 16	13 20	15 47		n.a.
M 7	12 49	13 10	0s 2	20 4	1 41	8 13	2 52	27 23	3 49	8 59	1 52	6 4	2 24	20 5	0 48	23 36	0 35	20 12	0 3	13 16	13 21	15 48		n.a.
T 8	12 28	9 24	1 16	19 50	1 47	8 42	2 57	27 22	3 47	9 2	1 52	6 1	2 24	20 6	0 48	23 36	0 35	20 12	0 3	13 17	13 23	15 49		n.a.
W 9	12 7	5 15	2 24	19 33	1 52	9 11	3 1	27 21	3 44	9 5	1 52	5 59	2 23	20 6	0 48	23 36	0 35	20 12	0 3	13 17	13 24	15 51		n.a.
T 10	11 46	0 58	3 23	19 13	1 56	9 39	3 6	27 21	3 41	9 8	1 53	5 56	2 23	20 7	0 48	23 36	0 35	20 12	0 3	13 17	13 25	15 52		n.a.
F 11	11 24	3n15	4 11	18 51	1 59	10 8	3 10	27 20	3 39	9 11	1 53	5 53	2 23	20 7	0 48	23 36	0 35	20 12	0 3	13 17	13 26	15 54		n.a.
S 12	11 2	7 15	4 46	18 26	2 1	10 36	3 15	27 19	3 36	9 15	1 53	5 50	2 23	20 8	0 48	23 36	0 35	20 12	0 3	13 17	13 27	15 55		n.a.
S 13	10 40	10 53	5 8	17 59	2 2	11 3	3 19	27 18	3 33	9 18	1 53	5 47	2 23	20 8	0 48	23 35	0 35	20 12	0 3	13 17	13 28	15 57		n.a.
M14	10 18	14 3	5 17	17 30	2 2	11 31	3 24	27 17	3 31	9 21	1 53	5 45	2 23	20 9	0 48	23 35	0 35	20 12	0 3	13 18	13 29	15 58		n.a.
T 15	9 56	16 37	5 12	16 59	2 2	11 58	3 28	27 15	3 28	9 24	1 53	5 42	2 23	20 9	0 48	23 35	0 35	20 12	0 3	13 18	13 30	15 59		n.a.
W16	9 33	18 29	4 53	16 27	2 1	12 25	3 32	27 14	3 26	9 27	1 53	5 39	2 23	20 10	0 48	23 35	0 35	20 12	0 3	13 18	13 31	16 1		n.a.
T 17	9 10	19 34	4 22	15 53	1 59	12 51	3 36	27 13	3 23	9 30	1 53	5 36	2 23	20 10	0 48	23 35	0 35	20 12	0 3	13 17	13 32	16 2		n.a.
F 18	8 47	19 45	3 38	15 18	1 57	13 18	3 40	27 11	3 21	9 33	1 53	5 33	2 23	20 11	0 48	23 35	0 35	20 13	0 4	13 17	13 33	16 4		n.a.
S 19	8 24	18 59	2 44	14 41	1 54	13 43	3 44	27 10	3 18	9 37	1 53	5 31	2 23	20 11	0 48	23 34	0 35	20 13	0 4	13 17	13 34	16 5		n.a.
S 20	8 1	17 16	1 40	14 3	1 51	14 9	3 48	27 8	3 15	9 40	1 53	5 28	2 23	20 12	0 48	23 34	0 35	20 13	0 4	13 16	13 36	16 7		n.a.
M21	7 38	14 36	0 30	13 25	1 47	14 34	3 52	27 6	3 13	9 43	1 53	5 25	2 23	20 12	0 48	23 34	0 35	20 13	0 4	13 16	13 37	16 8		n.a.
T 22	7 15	11 7	0n44	12 45	1 43	14 59	3 56	27 5	3 10	9 46	1 53	5 22	2 23	20 13	0 48	23 34	0 35	20 13	0 4	13 16	13 38	16 9		n.a.
W23	6 51	6 57	1 57	12 5	1 39	15 23	3 59	27 3	3 8	9 49	1 52	5 19	2 23	20 13	0 48	23 34	0 35	20 13	0 4	13 16	13 39	16 11		n.a.
T 24	6 27	2 21	3 4	11 24	1 34	15 47	4 3	27 1	3 6	9 52	1 52	5 16	2 23	20 13	0 48	23 34	0 35	20 13	0 4	13 17	13 40	16 12		n.a.
F 25	6 3	2s27	4 1	10 43	1 29	16 10	4 6	26 58	3 3	9 55	1 52	5 14	2 23	20 14	0 48	23 34	0 35	20 13	0 4	13 18	13 41	16 14		n.a.
S 26	5 40	7 8	4 43	10 1	1 24	16 33	4 9	26 56	3 1	9 58	1 52	5 11	2 23	20 14	0 48	23 33	0 35	20 13	0 4	13 19	13 42	16 15		n.a.
S 27	5 16	11 27	5 8	9 18	1 19	16 55	4 13	26 54	2 58	10 1	1 52	5 8	2 22	20 15	0 48	23 33	0 35	20 13	0 4	13 20	13 43	16 17		n.a.
M28	4 51	15 5	5 14	8 35	1 13	17 17	4 16	26 51	2 56	10 4	1 52	5 5	2 22	20 15	0 48	23 33	0 35	20 13	0 4	13 20	13 44	16 18		n.a.
T 29	4 27	17 48	5 0	7 52	1 7	17 39	4 19	26 49	2 54	10 7	1 52	5 2	2 22	20 15	0 48	23 33	0 35	20 13	0 4	13 21	13 45	16 19		n.a.
W30	4n 3	19s24	4n29	7n 8	1n 2	18s 0	4s21	26s46	2s51	10s10	1s52	4n59	2n22	20s16	0s48	23n33	0n35	20n13	0n 4	13n21	13n46	16n21		n.a.

Julian Day Number = 982765.5, Delta T = 13h11m50s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'13, Lahiri = -31°50'12 Julian Calendar 1 Sept. 2023 BCE == Greg. Calendar 15 Aug. 2023 BCE

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

OCTOBER 2023 BCE (-2022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 29 37	20♍58'59	10♑41	16♍12	7♏12	2♑28	8°R38	23♍ 9	4°R38	15♋50	28°R 7	25♌19	24♌ 0	3♊51	n.a.	T 1
F 2	23 33 33	21°59'44	24°29	17°48	8° 3	3° 1	8♓30	23°16	4♒36	15°51	28♉ 6	25°21	23°57	3°58	n.a.	F 2
S 3	23 37 30	23° 0'30	8♒ 7	19°25	8°55	3°35	8°23	23°23	4°35	15°52	28° 6	25°22	23°54	4° 4	n.a.	S 3
S 4	23 41 26	24° 1'17	21°34	21° 1	9°45	4° 8	8°15	23°30	4°33	15°53	28° 5	25°R23	23°51	4°11	n.a.	S 4
M 5	23 45 23	25° 2'05	4♓49	22°37	10°35	4°42	8° 7	23°37	4°32	15°54	28° 5	25°23	23°47	4°18	n.a.	M 5
T 6	23 49 20	26° 2'55	17°52	24°13	11°24	5°16	8° 0	23°44	4°31	15°55	28° 5	25°21	23°44	4°25	n.a.	T 6
W 7	23 53 16	27° 3'46	0♈43	25°49	12°11	5°50	7°53	23°51	4°30	15°56	28° 4	25°17	23°41	4°31	n.a.	W 7
T 8	23 57 13	28° 4'39	13°20	27°24	12°59	6°25	7°46	23°58	4°29	15°57	28° 3	25°12	23°38	4°38	n.a.	T 8
F 9	0 1 9	29° 5'33	25°44	28°59	13°45	6°59	7°38	24° 5	4°27	15°58	28° 3	25° 6	23°35	4°45	n.a.	F 9
S 10	0 5 6	0♎ 6'28	7♉57	0♎34	14°30	7°34	7°31	24°12	4°26	15°59	28° 2	25° 0	23°31	4°51	n.a.	S 10
S 11	0 9 2	1° 7'25	20° 0	2° 9	15°14	8° 8	7°25	24°19	4°25	16° 0	28° 2	24°53	23°28	4°58	n.a.	S 11
M12	0 12 59	2° 8'24	1♊55	3°43	15°58	8°43	7°18	24°26	4°24	16° 1	28° 1	24°48	23°25	5° 5	n.a.	M12
T 13	0 16 55	3° 9'24	13°47	5°18	16°40	9°18	7°11	24°33	4°23	16° 1	28° 0	24°44	23°22	5°12	n.a.	T 13
W14	0 20 52	4°10'25	25°39	6°52	17°21	9°53	7° 5	24°40	4°23	16° 2	28° 0	24°42	23°19	5°18	n.a.	W14
T 15	0 24 49	5°11'28	7♋36	8°26	18° 1	10°29	6°58	24°47	4°22	16° 3	27°59	24°D41	23°16	5°25	n.a.	T 15
F 16	0 28 45	6°12'32	19°43	10° 1	18°40	11° 4	6°52	24°54	4°21	16° 4	27°58	24°42	23°12	5°32	n.a.	F 16
S 17	0 32 42	7°13'38	2♌ 5	11°35	19°17	11°40	6°46	25° 1	4°20	16° 4	27°58	24°44	23° 9	5°38	n.a.	S 17
S 18	0 36 38	8°14'45	14°47	13° 9	19°53	12°15	6°40	25° 8	4°19	16° 5	27°57	24°45	23° 6	5°45	n.a.	S 18
M19	0 40 35	9°15'53	27°53	14°43	20°28	12°51	6°34	25°15	4°19	16° 5	27°56	24°R46	23° 3	5°52	n.a.	M19
T 20	0 44 31	10°17'02	11♍24	16°16	21° 2	13°27	6°29	25°22	4°18	16° 6	27°55	24°44	23° 0	5°59	n.a.	T 20
W21	0 48 28	11°18'13	25°21	17°50	21°34	14° 3	6°23	25°29	4°18	16° 7	27°55	24°41	22°56	6° 5	n.a.	W21
T 22	0 52 24	12°19'24	9♎42	19°24	22° 4	14°39	6°18	25°36	4°17	16° 7	27°54	24°35	22°53	6°12	n.a.	T 22
F 23	0 56 21	13°20'37	24°20	20°58	22°33	15°16	6°13	25°42	4°17	16° 8	27°53	24°28	22°50	6°19	n.a.	F 23
S 24	1 0 18	14°21'50	9♏ 8	22°32	23° 0	15°52	6° 8	25°49	4°16	16° 8	27°52	24°19	22°47	6°25	n.a.	S 24
S 25	1 4 14	15°23'04	23°59	24° 6	23°26	16°28	6° 3	25°56	4°16	16° 8	27°51	24°11	22°44	6°32	n.a.	S 25
M26	1 8 11	16°24'18	8♐43	25°40	23°49	17° 5	5°59	26° 3	4°16	16° 9	27°50	24° 4	22°41	6°39	n.a.	M26
T 27	1 12 7	17°25'33	23°14	27°13	24°11	17°42	5°55	26° 9	4°15	16° 9	27°49	24° 0	22°37	6°46	n.a.	T 27
W28	1 16 4	18°26'48	7♑29	28°47	24°31	18°18	5°50	26°16	4°15	16° 9	27°48	23°57	22°34	6°52	n.a.	W28
T 29	1 20 0	19°28'04	21°25	0♏21	24°49	18°55	5°46	26°23	4°15	16°10	27°47	23°D57	22°31	6°59	n.a.	T 29
F 30	1 23 57	20°29'20	5♒ 2	1°55	25° 5	19°32	5°43	26°29	4°15	16°10	27°46	23°57	22°28	7° 6	n.a.	F 30
S 31	1 27 54	21♎30'36	18♒23	3♏28	25♏19	20♑ 9	5♓39	26♍36	4°D15	16♋10	27♉45	23°R58	22♌25	7♊13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	3n39	19s49	3n41	6n24	0n56	18s20	4s24	26s43	2s49	10s13	1s52	4n56	2n22	20s16	0s48	23n33	0n35	20n13	0n 4	13n21	13n47	16n22			n.a.
F 2	3 14	19 1	2 42	5 40	0 49	18 40	4 27	26 40	2 47	10 16	1 52	4 54	2 22	20 16	0 48	23 33	0 35	20 13	0 4	13 20	13 48	16 24			n.a.
S 3	2 50	17 6	1 33	4 56	0 43	18 59	4 29	26 37	2 44	10 19	1 51	4 51	2 22	20 17	0 48	23 33	0 35	20 13	0 5	13 19	13 50	16 25			n.a.
S 4	2 25	14 16	0 21	4 12	0 37	19 18	4 31	26 34	2 42	10 21	1 51	4 48	2 22	20 17	0 48	23 33	0 35	20 13	0 5	13 19	13 51	16 26			n.a.
M 5	2 1	10 44	0s52	3 27	0 31	19 36	4 33	26 30	2 40	10 24	1 51	4 45	2 22	20 17	0 48	23 32	0 35	20 13	0 5	13 19	13 52	16 28			n.a.
T 6	1 36	6 43	2 0	2 43	0 24	19 54	4 35	26 27	2 38	10 27	1 51	4 42	2 22	20 17	0 48	23 32	0 35	20 13	0 5	13 20	13 53	16 29			n.a.
W 7	1 11	2 28	3 1	1 58	0 18	20 11	4 37	26 23	2 36	10 29	1 51	4 39	2 22	20 18	0 48	23 32	0 35	20 13	0 5	13 21	13 54	16 30			n.a.
T 8	0 47	1n49	3 52	1 14	0 11	20 27	4 38	26 19	2 33	10 32	1 51	4 37	2 22	20 18	0 48	23 32	0 35	20 12	0 5	13 23	13 55	16 32			n.a.
F 9	0 22	5 57	4 31	0 29	0 5	20 43	4 40	26 15	2 31	10 35	1 50	4 34	2 22	20 18	0 48	23 32	0 36	20 12	0 5	13 25	13 56	16 33			n.a.
S 10	0s 3	9 46	4 57	0s15	0s 2	20 58	4 41	26 11	2 29	10 37	1 50	4 31	2 22	20 18	0 47	23 32	0 36	20 12	0 5	13 27	13 57	16 35			n.a.
S 11	0 27	13 8	5 9	1 0	0 8	21 13	4 42	26 7	2 27	10 39	1 50	4 28	2 22	20 19	0 47	23 32	0 36	20 12	0 5	13 29	13 58	16 36			n.a.
M12	0 52	15 56	5 8	1 44	0 14	21 26	4 42	26 2	2 25	10 42	1 50	4 25	2 22	20 19	0 47	23 32	0 36	20 12	0 5	13 31	13 59	16 37			n.a.
T 13	1 17	18 3	4 54	2 28	0 21	21 40	4 43	25 58	2 23	10 44	1 49	4 23	2 23	20 19	0 47	23 32	0 36	20 12	0 5	13 32	14 0	16 39			n.a.
W14	1 41	19 25	4 27	3 12	0 27	21 52	4 43	25 53	2 21	10 46	1 49	4 20	2 23	20 19	0 47	23 32	0 36	20 12	0 5	13 33	14 1	16 40			n.a.
T 15	2 6	19 55	3 48	3 55	0 33	22 4	4 43	25 48	2 19	10 49	1 49	4 17	2 23	20 19	0 47	23 32	0 36	20 12	0 5	13 33	14 2	16 41			n.a.
F 16	2 31	19 30	2 58	4 39	0 40	22 15	4 43	25 43	2 17	10 51	1 49	4 14	2 23	20 20	0 47	23 32	0 36	20 12	0 5	13 33	14 3	16 43			n.a.
S 17	2 55	18 9	2 0	5 22	0 46	22 25	4 42	25 38	2 15	10 53	1 49	4 11	2 23	20 20	0 47	23 32	0 36	20 12	0 5	13 33	14 4	16 44			n.a.
S 18	3 20	15 52	0 54	6 5	0 52	22 34	4 41	25 33	2 13	10 55	1 48	4 9	2 23	20 20	0 47	23 32	0 36	20 12	0 6	13 32	14 6	16 46			n.a.
M19	3 45	12 43	0n17	6 48	0 58	22 43	4 40	25 27	2 11	10 57	1 48	4 6	2 23	20 20	0 47	23 32	0 36	20 12	0 6	13 32	14 7	16 47			n.a.
T 20	4 9	8 48	1 29	7 30	1 4	22 51	4 39	25 22	2 9	10 59	1 48	4 3	2 23	20 20	0 47	23 31	0 36	20 11	0 6	13 32	14 8	16 48			n.a.
W21	4 34	4 17	2 37	8 12	1 9	22 58	4 37	25 16	2 7	11 0	1 47	4 1	2 23	20 20	0 47	23 31	0 36	20 11	0 6	13 34	14 9	16 50			n.a.
T 22	4 58	0s35	3 38	8 54	1 15	23 4	4 35	25 10	2 5	11 2	1 47	3 58	2 23	20 20	0 47	23 31	0 36	20 11	0 6	13 36	14 10	16 51			n.a.
F 23	5 22	5 31	4 26	9 35	1 20	23 10	4 33	25 4	2 3	11 4	1 47	3 55	2 23	20 20	0 47	23 31	0 36	20 11	0 6	13 38	14 11	16 52			n.a.
S 24	5 46	10 10	4 56	10 16	1 26	23 15	4 30	24 58	2 1	11 5	1 47	3 52	2 23	20 20	0 47	23 31	0 36	20 11	0 6	13 41	14 12	16 54			n.a.
S 25	6 11	14 12	5 6	10 56	1 31	23 18	4 27	24 51	1 59	11 7	1 46	3 50	2 23	20 20	0 47	23 31	0 36	20 11	0 6	13 44	14 13	16 55			n.a.
M26	6 35	17 19	4 57	11 36	1 36	23 21	4 24	24 45	1 57	11 8	1 46	3 47	2 23	20 20	0 47	23 31	0 36	20 11	0 6	13 46	14 14	16 56			n.a.
T 27	6 59	19 17	4 28	12 15	1 40	23 23	4 20	24 38	1 55	11 10	1 46	3 44	2 23	20 21	0 47	23 31	0 36	20 10	0 6	13 48	14 15	16 58			n.a.
W28	7 22	20 0	3 43	12 53	1 45	23 24	4 16	24 31	1 53	11 11	1 45	3 42	2 23	20 21	0 47	23 31	0 36	20 10	0 6	13 48	14 16	16 59			n.a.
T 29	7 46	19 28	2 45	13 31	1 49	23 24	4 11	24 24	1 52	11 12	1 45	3 39	2 23	20 21	0 47	23 31	0 36	20 10	0 6	13 49	14 17	17 0			n.a.
F 30	8 10	17 47	1 40	14 8	1 53	23 23	4 6	24 17	1 50	11 13	1 45	3 37	2 23	20 21	0 47	23 31	0 36	20 10	0 6	13 48	14 18	17 2			n.a.
S 31	8s33	15s 9	0n30	14s45	1s56	23s21	4s 0	24s 9	1s48	11s14	1s44	3n34	2n24	20s20	0s47	23n31	0n36	20n10	0n 6	13n48	14n19	17n 3			n.a.

Julian Day Number = 982795.5, Delta T = 13h11m48s
Ecliptic obliquity = 23°55'29, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'09, Lahiri = -31°50'08 Julian Calendar 1 Oct. 2023 BCE == Greg. Calendar 14 Sept. 2023 BCE

The year -2022 astronomical counting style corresponds to year 2023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

NOVEMBER 2023 BCE (-2022) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 31 50	22♎31'52	1♓29	5♏ 2	25♏30	20♑46	5°R36	26♍43	4♒15	16♋10	27°R44	23°R58	22♌22	7♊19	n.a.	S 1
M 2	1 35 47	23°33'09	14°21	6°35	25°40	21°24	5♓32	26°49	4°15	16°10	27♉43	23♌56	22°18	7°26	n.a.	M 2
T 3	1 39 43	24°34'26	27° 3	8° 8	25°47	22° 1	5°29	26°56	4°15	16°10	27°42	23°51	22°15	7°33	n.a.	T 3
W 4	1 43 40	25°35'43	9♈34	9°41	25°51	22°38	5°26	27° 2	4°15	16°10	27°41	23°43	22°12	7°39	n.a.	W 4
T 5	1 47 36	26°37'00	21°57	11°13	25°R53	23°16	5°24	27° 8	4°16	16°R10	27°40	23°33	22° 9	7°46	n.a.	T 5
F 6	1 51 33	27°38'18	4♉11	12°45	25°53	23°53	5°21	27°15	4°16	16°10	27°39	23°21	22° 6	7°53	n.a.	F 6
S 7	1 55 29	28°39'36	16°16	14°17	25°50	24°31	5°19	27°21	4°16	16°10	27°38	23° 8	22° 2	8° 0	n.a.	S 7
S 8	1 59 26	29°40'54	28°15	15°47	25°45	25° 8	5°17	27°28	4°17	16°10	27°37	22°55	21°59	8° 6	n.a.	S 8
M 9	2 3 23	0♏42'13	10♊ 9	17°17	25°37	25°46	5°15	27°34	4°17	16°10	27°36	22°44	21°56	8°13	n.a.	M 9
T 10	2 7 19	1°43'32	21°59	18°45	25°27	26°24	5°14	27°40	4°17	16°10	27°35	22°34	21°53	8°20	n.a.	T 10
W11	2 11 16	2°44'52	3♋49	20°13	25°14	27° 1	5°12	27°46	4°18	16°10	27°33	22°28	21°50	8°26	n.a.	W11
T 12	2 15 12	3°46'11	15°44	21°38	24°59	27°39	5°11	27°52	4°19	16°10	27°32	22°24	21°47	8°33	n.a.	T 12
F 13	2 19 9	4°47'31	27°47	23° 2	24°41	28°17	5°10	27°58	4°19	16° 9	27°31	22°22	21°43	8°40	n.a.	F 13
S 14	2 23 5	5°48'52	10♌ 5	24°24	24°21	28°55	5° 9	28° 5	4°20	16° 9	27°30	22°D22	21°40	8°47	n.a.	S 14
S 15	2 27 2	6°50'12	22°41	25°42	23°59	29°33	5° 9	28°11	4°21	16° 9	27°29	22°R22	21°37	8°53	n.a.	S 15
M16	2 30 58	7°51'33	5♍42	26°58	23°35	0♒11	5° 9	28°16	4°21	16° 8	27°28	22°21	21°34	9° 0	n.a.	M16
T 17	2 34 55	8°52'53	19°10	28°10	23° 8	0°49	5°D 8	28°22	4°22	16° 8	27°26	22°19	21°31	9° 7	n.a.	T 17
W18	2 38 52	9°54'14	3♎ 9	29°17	22°40	1°27	5° 8	28°28	4°23	16° 7	27°25	22°13	21°27	9°13	n.a.	W18
T 19	2 42 48	10°55'35	17°36	0♐20	22° 9	2° 5	5° 9	28°34	4°24	16° 7	27°24	22° 5	21°24	9°20	n.a.	T 19
F 20	2 46 45	11°56'55	2♏28	1°16	21°38	2°44	5° 9	28°40	4°25	16° 6	27°23	21°55	21°21	9°27	n.a.	F 20
S 21	2 50 41	12°58'16	17°36	2° 6	21° 4	3°22	5°10	28°45	4°26	16° 6	27°21	21°43	21°18	9°34	n.a.	S 21
S 22	2 54 38	13°59'36	2♐50	2°48	20°30	4° 0	5°11	28°51	4°27	16° 5	27°20	21°31	21°15	9°40	n.a.	S 22
M23	2 58 34	15° 0'55	17°59	3°22	19°54	4°39	5°12	28°57	4°28	16° 5	27°19	21°21	21°12	9°47	n.a.	M23
T 24	3 2 31	16° 2'14	2♑52	3°46	19°18	5°17	5°13	29° 2	4°30	16° 4	27°18	21°13	21° 8	9°54	n.a.	T 24
W25	3 6 28	17° 3'33	17°24	4° 0	18°42	5°55	5°15	29° 8	4°31	16° 4	27°16	21° 8	21° 5	10° 0	n.a.	W25
T 26	3 10 24	18° 4'50	1♒30	4°R 4	18° 5	6°34	5°17	29°13	4°32	16° 3	27°15	21° 6	21° 2	10° 7	n.a.	T 26
F 27	3 14 21	19° 6'07	15°11	3°55	17°28	7°12	5°18	29°18	4°33	16° 2	27°14	21° 6	20°59	10°14	n.a.	F 27
S 28	3 18 17	20° 7'23	28°29	3°35	16°51	7°51	5°21	29°24	4°35	16° 1	27°12	21° 5	20°56	10°21	n.a.	S 28
S 29	3 22 14	21° 8'37	11♓26	3° 3	16°15	8°29	5°23	29°29	4°36	16° 1	27°11	21° 5	20°53	10°27	n.a.	S 29
M30	3 26 10	22♏ 9'51	24♓ 6	2♐20	15♏40	9♒ 8	5♓25	29♍34	4♒38	16♋ 0	27♉10	21♌ 2	20♌49	10♊34	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8 s56	11 s47	0 s40	15 s20	2 s 0	23 s19	3 s54	24 s 2	1 s46	11 s15	1 s44	3n31	2n24	20 s20	0 s47	23n31	0n36	20n10	0n 6	13n48	14n20	17n 4		n.a.
M 2	9 20	7 55	1 47	15 55	2 3	23 15	3 48	23 54	1 44	11 16	1 44	3 29	2 24	20 20	0 47	23 31	0 36	20 9	0 7	13 49	14 21	17 6		n.a.
T 3	9 43	3 44	2 47	16 29	2 5	23 10	3 41	23 46	1 43	11 17	1 43	3 26	2 24	20 20	0 47	23 31	0 36	20 9	0 7	13 50	14 22	17 7		n.a.
W 4	10 5	0n32	3 38	17 1	2 8	23 4	3 33	23 38	1 41	11 18	1 43	3 24	2 24	20 20	0 47	23 31	0 36	20 9	0 7	13 53	14 24	17 8		n.a.
T 5	10 28	4 44	4 18	17 33	2 10	22 56	3 25	23 30	1 39	11 19	1 43	3 21	2 24	20 20	0 47	23 31	0 36	20 9	0 7	13 56	14 25	17 10		n.a.
F 6	10 51	8 42	4 46	18 3	2 11	22 48	3 17	23 22	1 38	11 19	1 42	3 19	2 24	20 20	0 47	23 32	0 36	20 9	0 7	14 1	14 26	17 11		n.a.
S 7	11 13	12 15	5 0	18 32	2 12	22 39	3 8	23 14	1 36	11 20	1 42	3 16	2 24	20 20	0 46	23 32	0 36	20 9	0 7	14 5	14 27	17 12		n.a.
S 8	11 35	15 17	5 1	19 0	2 12	22 28	2 58	23 5	1 34	11 20	1 42	3 14	2 24	20 20	0 46	23 32	0 37	20 8	0 7	14 9	14 28	17 13		n.a.
M 9	11 57	17 40	4 48	19 27	2 12	22 17	2 48	22 56	1 33	11 20	1 41	3 11	2 24	20 20	0 46	23 32	0 37	20 8	0 7	14 13	14 29	17 15		n.a.
T 10	12 19	19 17	4 24	19 51	2 12	22 4	2 38	22 47	1 31	11 21	1 41	3 9	2 25	20 20	0 46	23 32	0 37	20 8	0 7	14 16	14 30	17 16		n.a.
W11	12 40	20 5	3 48	20 15	2 10	21 50	2 27	22 38	1 29	11 21	1 41	3 6	2 25	20 19	0 46	23 32	0 37	20 8	0 7	14 18	14 31	17 17		n.a.
T 12	13 2	19 58	3 1	20 36	2 8	21 35	2 15	22 29	1 28	11 21	1 40	3 4	2 25	20 19	0 46	23 32	0 37	20 8	0 7	14 20	14 32	17 19		n.a.
F 13	13 23	18 58	2 7	20 55	2 5	21 19	2 3	22 20	1 26	11 21	1 40	3 2	2 25	20 19	0 46	23 32	0 37	20 7	0 7	14 20	14 33	17 20		n.a.
S 14	13 44	17 2	1 5	21 13	2 2	21 1	1 50	22 10	1 25	11 21	1 40	2 59	2 25	20 19	0 46	23 32	0 37	20 7	0 7	14 20	14 34	17 21		n.a.
S 15	14 4	14 16	0n 2	21 28	1 57	20 43	1 37	22 1	1 23	11 21	1 39	2 57	2 25	20 19	0 46	23 32	0 37	20 7	0 7	14 20	14 35	17 22		n.a.
M16	14 25	10 42	1 10	21 41	1 52	20 24	1 24	21 51	1 21	11 21	1 39	2 55	2 25	20 18	0 46	23 32	0 37	20 7	0 8	14 20	14 36	17 24		n.a.
T 17	14 45	6 28	2 17	21 51	1 45	20 3	1 10	21 41	1 20	11 20	1 39	2 53	2 25	20 18	0 46	23 32	0 37	20 7	0 8	14 21	14 37	17 25		n.a.
W18	15 5	1 44	3 18	21 59	1 38	19 42	0 55	21 31	1 18	11 20	1 38	2 50	2 26	20 18	0 46	23 32	0 37	20 6	0 8	14 23	14 38	17 26		n.a.
T 19	15 24	3 s14	4 8	22 5	1 29	19 20	0 41	21 21	1 17	11 20	1 38	2 48	2 26	20 18	0 46	23 32	0 37	20 6	0 8	14 26	14 39	17 28		n.a.
F 20	15 44	8 9	4 43	22 7	1 19	18 57	0 26	21 10	1 15	11 19	1 38	2 46	2 26	20 17	0 46	23 32	0 37	20 6	0 8	14 29	14 40	17 29		n.a.
S 21	16 3	12 38	5 0	22 7	1 8	18 33	0 10	21 0	1 14	11 19	1 37	2 44	2 26	20 17	0 46	23 33	0 37	20 6	0 8	14 33	14 41	17 30		n.a.
S 22	16 22	16 20	4 55	22 3	0 56	18 9	0n 5	20 49	1 12	11 18	1 37	2 42	2 26	20 17	0 46	23 33	0 37	20 5	0 8	14 37	14 42	17 31		n.a.
M23	16 40	18 54	4 29	21 57	0 42	17 45	0 20	20 38	1 11	11 17	1 36	2 39	2 26	20 16	0 46	23 33	0 37	20 5	0 8	14 40	14 43	17 33		n.a.
T 24	16 58	20 8	3 45	21 47	0 27	17 20	0 36	20 27	1 10	11 16	1 36	2 37	2 27	20 16	0 46	23 33	0 37	20 5	0 8	14 43	14 44	17 34		n.a.
W25	17 16	20 0	2 48	21 34	0 11	16 55	0 51	20 16	1 8	11 15	1 36	2 35	2 27	20 16	0 46	23 33	0 37	20 5	0 8	14 44	14 45	17 35		n.a.
T 26	17 34	18 35	1 42	21 17	0n 6	16 30	1 7	20 5	1 7	11 14	1 35	2 33	2 27	20 15	0 46	23 33	0 37	20 4	0 8	14 45	14 46	17 36		n.a.
F 27	17 51	16 7	0 31	20 58	0 24	16 5	1 22	19 54	1 5	11 13	1 35	2 31	2 27	20 15	0 46	23 33	0 37	20 4	0 8	14 45	14 48	17 38		n.a.
S 28	18 8	12 51	0 s39	20 35	0 43	15 40	1 37	19 42	1 4	11 12	1 35	2 29	2 27	20 15	0 46	23 33	0 37	20 4	0 8	14 45	14 49	17 39		n.a.
S 29	18 25	9 2	1 45	20 10	1 3	15 15	1 52	19 31	1 3	11 11	1 34	2 27	2 27	20 14	0 46	23 33	0 37	20 4	0 8	14 46	14 50	17 40		n.a.
M30	18 s41	4 s54	2 s45	19 s42	1n23	14 s51	2n 6	19 s19	1 s 1	11 s10	1 s34	2n25	2n28	20 s14	0 s46	23n34	0n37	20n 4	0n 8	14n47	14n51	17n41		n.a.

Julian Day Number = 982826.5, Delta T = 13h11m46s
Ecliptic obliquity = 23°55'29, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'04, Lahiri = -31°50'04 Julian Calendar 1 Nov. 2023 BCE == Greg. Calendar 15 Oct. 2023 BCE

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ASTRODIENST EPHEMERIS for the year 2023 BCE
geocentric

DECEMBER 2023 BCE (-2022) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 30 7	23♏11'04	6♈33	1°R27	15°R 6	9♒47	5♓28	29♍39	4♒39	15°R59	27°R 9	20°R56	20♌46	10♊41	n.a.	T 1
W 2	3 34 4	24°12'16	18°50	0♐24	14♏33	10°25	5°31	29°44	4°41	15♋58	27♉ 7	20♌47	20°43	10°48	n.a.	W 2
T 3	3 38 0	25°13'26	0♉59	29♏15	14° 2	11° 4	5°34	29°49	4°42	15°57	27° 6	20°35	20°40	10°54	n.a.	T 3
F 4	3 41 57	26°14'36	13° 2	28° 0	13°32	11°43	5°38	29°54	4°44	15°56	27° 5	20°21	20°37	11° 1	n.a.	F 4
S 5	3 45 53	27°15'46	25° 0	26°43	13° 4	12°21	5°41	29°59	4°46	15°55	27° 3	20° 6	20°33	11° 8	n.a.	S 5
S 6	3 49 50	28°16'54	6♊55	25°25	12°38	13° 0	5°45	0♎ 4	4°48	15°54	27° 2	19°52	20°30	11°14	n.a.	S 6
M 7	3 53 46	29°18'01	18°47	24°10	12°14	13°39	5°49	0° 8	4°49	15°53	27° 1	19°38	20°27	11°21	n.a.	M 7
T 8	3 57 43	0♐19'08	0♋38	22°58	11°52	14°18	5°53	0°13	4°51	15°52	26°59	19°27	20°24	11°28	n.a.	T 8
W 9	4 1 39	1°20'13	12°30	21°53	11°33	14°56	5°57	0°17	4°53	15°51	26°58	19°18	20°21	11°35	n.a.	W 9
T 10	4 5 36	2°21'18	24°26	20°54	11°16	15°35	6° 1	0°22	4°55	15°50	26°57	19°13	20°18	11°41	n.a.	T 10
F 11	4 9 33	3°22'22	6♌29	20° 4	11° 2	16°14	6° 6	0°26	4°57	15°49	26°56	19°11	20°14	11°48	n.a.	F 11
S 12	4 13 29	4°23'25	18°45	19°23	10°50	16°53	6°11	0°31	4°59	15°48	26°54	19°D10	20°11	11°55	n.a.	S 12
S 13	4 17 26	5°24'27	1♍17	18°51	10°41	17°32	6°16	0°35	5° 1	15°47	26°53	19°R10	20° 8	12° 1	n.a.	S 13
M14	4 21 22	6°25'28	14°11	18°27	10°34	18°11	6°21	0°39	5° 3	15°46	26°52	19°10	20° 5	12° 8	n.a.	M14
T 15	4 25 19	7°26'28	27°31	18°12	10°30	18°49	6°26	0°43	5° 5	15°44	26°50	19° 8	20° 2	12°15	n.a.	T 15
W16	4 29 15	8°27'27	11♎20	18°D 6	10°D28	19°28	6°32	0°47	5° 7	15°43	26°49	19° 4	19°59	12°22	n.a.	W16
T 17	4 33 12	9°28'25	25°39	18° 7	10°28	20° 7	6°38	0°51	5°10	15°42	26°48	18°58	19°55	12°28	n.a.	T 17
F 18	4 37 9	10°29'22	10♏26	18°16	10°31	20°46	6°44	0°55	5°12	15°41	26°47	18°49	19°52	12°35	n.a.	F 18
S 19	4 41 5	11°30'18	25°34	18°32	10°37	21°25	6°50	0°58	5°14	15°39	26°45	18°39	19°49	12°42	n.a.	S 19
S 20	4 45 2	12°31'13	10♐54	18°54	10°45	22° 4	6°56	1° 2	5°17	15°38	26°44	18°28	19°46	12°48	n.a.	S 20
M21	4 48 58	13°32'06	26°14	19°22	10°55	22°43	7° 2	1° 6	5°19	15°37	26°43	18°19	19°43	12°55	n.a.	M21
T 22	4 52 55	14°32'58	11♑22	19°55	11° 7	23°22	7° 9	1° 9	5°21	15°35	26°42	18°12	19°39	13° 2	n.a.	T 22
W23	4 56 51	15°33'48	26°10	20°33	11°21	24° 1	7°16	1°13	5°24	15°34	26°40	18° 7	19°36	13° 9	n.a.	W23
T 24	5 0 48	16°34'37	10♒32	21°15	11°37	24°40	7°22	1°16	5°26	15°33	26°39	18° 5	19°33	13°15	n.a.	T 24
F 25	5 4 44	17°35'23	24°25	22° 2	11°56	25°19	7°29	1°19	5°29	15°31	26°38	18°D 5	19°30	13°22	n.a.	F 25
S 26	5 8 41	18°36'08	7♓50	22°52	12°16	25°58	7°37	1°22	5°31	15°30	26°37	18° 6	19°27	13°29	n.a.	S 26
S 27	5 12 38	19°36'51	20°51	23°46	12°38	26°37	7°44	1°25	5°34	15°28	26°36	18°R 6	19°24	13°35	n.a.	S 27
M28	5 16 34	20°37'31	3♈30	24°42	13° 2	27°16	7°51	1°28	5°37	15°27	26°34	18° 5	19°20	13°42	n.a.	M28
T 29	5 20 31	21°38'10	15°53	25°42	13°28	27°55	7°59	1°31	5°39	15°25	26°33	18° 2	19°17	13°49	n.a.	T 29
W30	5 24 27	22°38'47	28° 3	26°44	13°55	28°34	8° 7	1°34	5°42	15°24	26°32	17°57	19°14	13°56	n.a.	W30
T 31	5 28 24	23♐39'22	10♉ 4	27♏49	14♏24	29♒13	8♓15	1♎37	5♒45	15♋22	26♉31	17♌49	19♌11	14♊ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18s57	0s38	3s35	19s12	1n42	14s28	2n20	19s 7	1s 0	11s 8	1s34	2n23	2n28	20s13	0s46	23n34	0n37	20n 3	0n 9	14n48	14n52	17n43		n.a.	T 1
W 2	19 12	3n36	4 15	18 41	2 1	14 5	2 34	18 55	0 59	11 7	1 33	2 22	2 28	20 13	0 46	23 34	0 37	20 3	0 9	14 51	14 53	17 44		n.a.	W 2
T 3	19 27	7 39	4 42	18 8	2 19	13 43	2 47	18 43	0 57	11 5	1 33	2 20	2 28	20 13	0 46	23 34	0 37	20 3	0 9	14 55	14 54	17 45		n.a.	T 3
F 4	19 42	11 21	4 57	17 36	2 35	13 22	2 59	18 31	0 56	11 4	1 33	2 18	2 28	20 12	0 46	23 34	0 37	20 3	0 9	15 0	14 55	17 46		n.a.	F 4
S 5	19 57	14 35	4 58	17 4	2 50	13 2	3 11	18 19	0 55	11 2	1 32	2 16	2 28	20 12	0 45	23 34	0 37	20 2	0 9	15 5	14 56	17 48		n.a.	S 5
S 6	20 11	17 12	4 47	16 33	3 3	12 43	3 23	18 6	0 53	11 1	1 32	2 14	2 29	20 11	0 45	23 34	0 37	20 2	0 9	15 9	14 57	17 49		n.a.	S 6
M 7	20 24	19 5	4 22	16 5	3 13	12 26	3 34	17 54	0 52	10 59	1 32	2 13	2 29	20 11	0 45	23 35	0 37	20 2	0 9	15 14	14 58	17 50		n.a.	M 7
T 8	20 38	20 9	3 47	15 40	3 21	12 9	3 44	17 41	0 51	10 57	1 31	2 11	2 29	20 10	0 45	23 35	0 37	20 2	0 9	15 17	14 59	17 51		n.a.	T 8
W 9	20 51	20 19	3 1	15 17	3 26	11 54	3 54	17 28	0 49	10 55	1 31	2 9	2 29	20 10	0 45	23 35	0 37	20 1	0 9	15 20	15 0	17 52		n.a.	W 9
T 10	21 3	19 35	2 7	14 59	3 29	11 40	4 3	17 15	0 48	10 53	1 31	2 8	2 29	20 9	0 45	23 35	0 38	20 1	0 9	15 22	15 1	17 54		n.a.	T 10
F 11	21 15	17 57	1 7	14 45	3 30	11 28	4 11	17 2	0 47	10 51	1 30	2 6	2 30	20 9	0 45	23 35	0 38	20 1	0 9	15 22	15 2	17 55		n.a.	F 11
S 12	21 27	15 29	0 2	14 34	3 29	11 17	4 19	16 49	0 46	10 49	1 30	2 5	2 30	20 8	0 45	23 35	0 38	20 1	0 9	15 23	15 3	17 56		n.a.	S 12
S 13	21 38	12 14	1n 4	14 28	3 27	11 7	4 26	16 36	0 45	10 47	1 30	2 3	2 30	20 8	0 45	23 36	0 38	20 0	0 9	15 23	15 4	17 57		n.a.	S 13
M14	21 49	8 19	2 9	14 25	3 23	10 58	4 33	16 23	0 43	10 44	1 29	2 2	2 30	20 7	0 45	23 36	0 38	20 0	0 9	15 23	15 5	17 59		n.a.	M14
T 15	22 0	3 53	3 9	14 26	3 18	10 51	4 39	16 9	0 42	10 42	1 29	2 0	2 30	20 7	0 45	23 36	0 38	20 0	0 9	15 23	15 6	18 0		n.a.	T 15
W16	22 10	0s54	4 0	14 30	3 11	10 45	4 45	15 56	0 41	10 40	1 29	1 59	2 31	20 6	0 45	23 36	0 38	20 0	0 10	15 24	15 7	18 1		n.a.	W16
T 17	22 19	5 48	4 38	14 38	3 4	10 41	4 50	15 42	0 40	10 37	1 28	1 57	2 31	20 5	0 45	23 36	0 38	19 59	0 10	15 26	15 8	18 2		n.a.	T 17
F 18	22 28	10 31	4 59	14 48	2 56	10 38	4 54	15 28	0 39	10 35	1 28	1 56	2 31	20 5	0 45	23 36	0 38	19 59	0 10	15 29	15 9	18 3		n.a.	F 18
S 19	22 37	14 41	5 0	15 0	2 48	10 36	4 58	15 14	0 38	10 32	1 28	1 55	2 31	20 4	0 45	23 37	0 38	19 59	0 10	15 33	15 10	18 5		n.a.	S 19
S 20	22 45	17 55	4 40	15 15	2 39	10 35	5 2	15 0	0 36	10 29	1 27	1 53	2 32	20 4	0 45	23 37	0 38	19 59	0 10	15 36	15 11	18 6		n.a.	S 20
M21	22 53	19 53	3 59	15 32	2 30	10 35	5 5	14 46	0 35	10 27	1 27	1 52	2 32	20 3	0 45	23 37	0 38	19 59	0 10	15 39	15 12	18 7		n.a.	M21
T 22	23 0	20 24	3 2	15 50	2 20	10 36	5 7	14 32	0 34	10 24	1 27	1 51	2 32	20 2	0 45	23 37	0 38	19 58	0 10	15 41	15 13	18 8		n.a.	T 22
W23	23 7	19 29	1 54	16 9	2 10	10 39	5 9	14 18	0 33	10 21	1 26	1 50	2 32	20 2	0 45	23 37	0 38	19 58	0 10	15 42	15 14	18 9		n.a.	W23
T 24	23 14	17 18	0 40	16 30	2 0	10 42	5 11	14 4	0 32	10 18	1 26	1 49	2 32	20 1	0 45	23 38	0 38	19 58	0 10	15 43	15 15	18 10		n.a.	T 24
F 25	23 20	14 11	0s34	16 52	1 51	10 47	5 12	13 50	0 31	10 15	1 26	1 47	2 33	20 0	0 45	23 38	0 38	19 58	0 10	15 43	15 16	18 12		n.a.	F 25
S 26	23 25	10 24	1 44	17 15	1 41	10 52	5 13	13 35	0 30	10 12	1 25	1 46	2 33	20 0	0 45	23 38	0 38	19 57	0 10	15 43	15 17	18 13		n.a.	S 26
S 27	23 30	6 14	2 46	17 38	1 31	10 58	5 14	13 21	0 29	10 9	1 25	1 45	2 33	19 59	0 45	23 38	0 38	19 57	0 10	15 43	15 18	18 14		n.a.	S 27
M28	23 35	1 54	3 38	18 1	1 21	11 5	5 14	13 6	0 28	10 6	1 25	1 44	2 33	19 58	0 45	23 38	0 38	19 57	0 10	15 43	15 19	18 15		n.a.	M28
T 29	23 39	2n24	4 19	18 25	1 11	11 13	5 14	12 51	0 27	10 3	1 24	1 43	2 34	19 58	0 45	23 38	0 38	19 57	0 10	15 44	15 20	18 16		n.a.	T 29
W30	23 43	6 32	4 47	18 50	1 1	11 21	5 13	12 37	0 26	9 59	1 24	1 43	2 34	19 57	0 45	23 39	0 38	19 57	0 10	15 46	15 21	18 17		n.a.	W30
T 31	23s46	10n21	5s 3	19s14	0n52	11s31	5n13	12s22	0s25	9s56	1s24	1n42	2n34	19s56	0s45	23n39	0n38	19n56	0n10	15n48	15n22	18n19		n.a.	T 31

Julian Day Number = 982856.5, Delta T = 13h11m44s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°57'00, Lahiri = -31°50'00 Julian Calendar 1 Dec. 2023 BCE == Greg. Calendar 14 Nov. 2023 BCE

The year -2022 astronomical counting style corresponds to year 2023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

JANUARY 2022 BCE (-2021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 32 20	24♐39'55	22♉ 0	28♏56	14♏55	29♒52	8♓23	1♎39	5♒47	15°R21	26°R30	17°R39	19♌ 8	14♊ 9	n.a.	F 1
S 2	5 36 17	25°40'26	3♊53	0♐ 5	15°27	0♓31	8°31	1°42	5°50	15♋19	26♉29	17♌29	19° 5	14°16	n.a.	S 2
S 3	5 40 13	26°40'56	15°45	1°16	16° 1	1°10	8°39	1°44	5°53	15°18	26°28	17°19	19° 1	14°22	n.a.	S 3
M 4	5 44 10	27°41'23	27°37	2°28	16°36	1°49	8°48	1°46	5°56	15°16	26°26	17° 9	18°58	14°29	n.a.	M 4
T 5	5 48 7	28°41'49	9♋31	3°43	17°12	2°28	8°57	1°49	5°59	15°15	26°25	17° 1	18°55	14°36	n.a.	T 5
W 6	5 52 3	29°42'13	21°29	4°59	17°50	3° 7	9° 5	1°51	6° 1	15°13	26°24	16°56	18°52	14°42	n.a.	W 6
T 7	5 56 0	0♑42'35	3♌32	6°17	18°28	3°46	9°14	1°53	6° 4	15°11	26°23	16°52	18°49	14°49	n.a.	T 7
F 8	5 59 56	1°42'56	15°43	7°36	19° 8	4°25	9°23	1°55	6° 7	15°10	26°22	16°D51	18°45	14°56	n.a.	F 8
S 9	6 3 53	2°43'14	28° 5	8°56	19°49	5° 4	9°32	1°57	6°10	15° 8	26°21	16°52	18°42	15° 3	n.a.	S 9
S 10	6 7 49	3°43'31	10♍41	10°18	20°32	5°43	9°42	1°58	6°13	15° 7	26°20	16°53	18°39	15° 9	n.a.	S 10
M11	6 11 46	4°43'46	23°35	11°41	21°15	6°22	9°51	2° 0	6°16	15° 5	26°19	16°55	18°36	15°16	n.a.	M11
T 12	6 15 42	5°44'00	6♎51	13° 6	21°59	7° 1	10° 1	2° 1	6°19	15° 3	26°18	16°R55	18°33	15°23	n.a.	T 12
W13	6 19 39	6°44'11	20°31	14°32	22°45	7°40	10°10	2° 3	6°22	15° 2	26°17	16°54	18°30	15°29	n.a.	W13
T 14	6 23 36	7°44'21	4♏37	15°58	23°31	8°19	10°20	2° 4	6°25	15° 0	26°16	16°52	18°26	15°36	n.a.	T 14
F 15	6 27 32	8°44'30	19° 7	17°27	24°18	8°57	10°30	2° 6	6°29	14°58	26°15	16°47	18°23	15°43	n.a.	F 15
S 16	6 31 29	9°44'36	3♐59	18°56	25° 6	9°36	10°40	2° 7	6°32	14°57	26°15	16°42	18°20	15°50	n.a.	S 16
S 17	6 35 25	10°44'41	19° 4	20°26	25°54	10°15	10°50	2° 8	6°35	14°55	26°14	16°37	18°17	15°56	n.a.	S 17
M18	6 39 22	11°44'44	4♑15	21°58	26°44	10°54	11° 0	2° 9	6°38	14°53	26°13	16°32	18°14	16° 3	n.a.	M18
T 19	6 43 18	12°44'45	19°20	23°30	27°34	11°33	11°11	2°10	6°41	14°52	26°12	16°28	18°11	16°10	n.a.	T 19
W20	6 47 15	13°44'44	4♒11	25° 4	28°25	12°12	11°21	2°10	6°44	14°50	26°11	16°26	18° 7	16°16	n.a.	W20
T 21	6 51 11	14°44'40	18°40	26°39	29°17	12°51	11°32	2°11	6°48	14°48	26°10	16°D25	18° 4	16°23	n.a.	T 21
F 22	6 55 8	15°44'34	2♓43	28°15	0♐ 9	13°30	11°42	2°11	6°51	14°47	26°10	16°26	18° 1	16°30	n.a.	F 22
S 23	6 59 5	16°44'26	16°18	29°52	1° 2	14° 9	11°53	2°12	6°54	14°45	26° 9	16°27	17°58	16°37	n.a.	S 23
S 24	7 3 1	17°44'15	29°27	1♑31	1°55	14°48	12° 4	2°12	6°57	14°43	26° 8	16°29	17°55	16°43	n.a.	S 24
M25	7 6 58	18°44'02	12♈13	3°10	2°49	15°27	12°15	2°13	7° 1	14°42	26° 7	16°30	17°51	16°50	n.a.	M25
T 26	7 10 54	19°43'46	24°38	4°51	3°44	16° 6	12°26	2°13	7° 4	14°40	26° 7	16°R30	17°48	16°57	n.a.	T 26
W27	7 14 51	20°43'28	6♉49	6°32	4°39	16°44	12°37	2°R13	7° 7	14°38	26° 6	16°29	17°45	17° 3	n.a.	W27
T 28	7 18 47	21°43'08	18°49	8°15	5°35	17°23	12°48	2°13	7°10	14°37	26° 5	16°27	17°42	17°10	n.a.	T 28
F 29	7 22 44	22°42'45	0♊43	9°59	6°31	18° 2	13° 0	2°13	7°14	14°35	26° 5	16°23	17°39	17°17	n.a.	F 29
S 30	7 26 40	23°42'20	12°33	11°45	7°28	18°41	13°11	2°12	7°17	14°33	26° 4	16°20	17°36	17°23	n.a.	S 30
S 31	7 30 37	24♑41'52	24♊25	13♑31	8♐25	19♓20	13♓23	2♎12	7♒20	14♋32	26♉ 3	16♌16	17♌32	17♊30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s49	13n44	5 s 4	19 s38	0n42	11 s41	5n12	12 s 7	0 s24	9 s53	1 s24	1n41	2n34	19 s56	0 s45	23n39	0n38	19n56	0n11	15n51	15n23	18n20		n.a.
S 2	23 51	16 33	4 53	20 2	0 33	11 51	5 10	11 52	0 23	9 49	1 23	1 40	2 35	19 55	0 45	23 39	0 38	19 56	0 11	15 54	15 24	18 21		n.a.
S 3	23 53	18 41	4 29	20 26	0 24	12 2	5 9	11 37	0 22	9 46	1 23	1 39	2 35	19 54	0 45	23 39	0 38	19 56	0 11	15 58	15 25	18 22		n.a.
M 4	23 54	20 1	3 53	20 50	0 15	12 14	5 7	11 22	0 21	9 42	1 23	1 39	2 35	19 53	0 45	23 40	0 38	19 56	0 11	16 1	15 26	18 23		n.a.
T 5	23 55	20 28	3 7	21 13	0 6	12 26	5 5	11 7	0 20	9 39	1 22	1 38	2 35	19 53	0 45	23 40	0 38	19 55	0 11	16 3	15 27	18 24		n.a.
W 6	23 55	19 59	2 13	21 36	0 s 2	12 39	5 3	10 51	0 19	9 35	1 22	1 37	2 36	19 52	0 45	23 40	0 38	19 55	0 11	16 5	15 28	18 25		n.a.
T 7	23 55	18 36	1 11	21 58	0 11	12 52	5 1	10 36	0 18	9 31	1 22	1 37	2 36	19 51	0 45	23 40	0 38	19 55	0 11	16 6	15 29	18 27		n.a.
F 8	23 55	16 21	0 6	22 20	0 19	13 5	4 58	10 21	0 17	9 28	1 22	1 36	2 36	19 50	0 45	23 41	0 38	19 55	0 11	16 6	15 30	18 28		n.a.
S 9	23 54	13 19	1n 0	22 40	0 27	13 19	4 55	10 5	0 16	9 24	1 21	1 36	2 36	19 50	0 45	23 41	0 38	19 55	0 11	16 6	15 31	18 29		n.a.
S 10	23 52	9 38	2 6	23 0	0 34	13 33	4 52	9 50	0 15	9 20	1 21	1 35	2 37	19 49	0 45	23 41	0 38	19 54	0 11	16 5	15 32	18 30		n.a.
M11	23 50	5 26	3 6	23 20	0 41	13 47	4 49	9 34	0 14	9 16	1 21	1 35	2 37	19 48	0 45	23 41	0 38	19 54	0 11	16 5	15 33	18 31		n.a.
T 12	23 48	0 52	3 58	23 38	0 49	14 2	4 46	9 19	0 13	9 12	1 21	1 34	2 37	19 47	0 45	23 41	0 38	19 54	0 11	16 5	15 34	18 32		n.a.
W13	23 45	3 s53	4 39	23 55	0 55	14 17	4 43	9 3	0 12	9 8	1 20	1 34	2 37	19 46	0 44	23 42	0 38	19 54	0 11	16 5	15 35	18 33		n.a.
T 14	23 42	8 33	5 4	24 12	1 2	14 32	4 39	8 47	0 11	9 4	1 20	1 34	2 38	19 46	0 44	23 42	0 38	19 54	0 11	16 6	15 36	18 34		n.a.
F 15	23 38	12 53	5 10	24 27	1 8	14 47	4 35	8 32	0 10	9 0	1 20	1 33	2 38	19 45	0 44	23 42	0 38	19 54	0 11	16 7	15 37	18 36		n.a.
S 16	23 33	16 31	4 57	24 41	1 14	15 2	4 32	8 16	0 9	8 56	1 19	1 33	2 38	19 44	0 44	23 42	0 38	19 53	0 11	16 9	15 38	18 37		n.a.
S 17	23 29	19 6	4 23	24 54	1 20	15 17	4 28	8 0	0 8	8 52	1 19	1 33	2 38	19 43	0 44	23 42	0 38	19 53	0 12	16 11	15 39	18 38		n.a.
M18	23 24	20 22	3 30	25 6	1 25	15 33	4 24	7 44	0 8	8 48	1 19	1 33	2 39	19 42	0 44	23 43	0 38	19 53	0 12	16 12	15 40	18 39		n.a.
T 19	23 18	20 9	2 23	25 16	1 30	15 48	4 20	7 28	0 7	8 44	1 19	1 33	2 39	19 42	0 44	23 43	0 38	19 53	0 12	16 13	15 41	18 40		n.a.
W20	23 12	18 32	1 6	25 25	1 35	16 4	4 15	7 13	0 6	8 39	1 19	1 33	2 39	19 41	0 44	23 43	0 38	19 53	0 12	16 14	15 42	18 41		n.a.
T 21	23 5	15 44	0 s12	25 32	1 40	16 19	4 11	6 57	0 5	8 35	1 18	1 33	2 39	19 40	0 44	23 43	0 38	19 53	0 12	16 14	15 43	18 42		n.a.
F 22	22 58	12 5	1 28	25 38	1 44	16 35	4 7	6 41	0 4	8 31	1 18	1 33	2 40	19 39	0 44	23 43	0 38	19 53	0 12	16 14	15 44	18 43		n.a.
S 23	22 51	7 54	2 36	25 43	1 47	16 50	4 2	6 25	0 3	8 26	1 18	1 33	2 40	19 38	0 44	23 44	0 38	19 52	0 12	16 13	15 45	18 44		n.a.
S 24	22 43	3 29	3 34	25 46	1 51	17 5	3 58	6 9	0 2	8 22	1 18	1 33	2 40	19 37	0 44	23 44	0 38	19 52	0 12	16 13	15 46	18 45		n.a.
M25	22 35	0n57	4 20	25 47	1 54	17 20	3 53	5 52	0 2	8 17	1 17	1 33	2 40	19 37	0 44	23 44	0 38	19 52	0 12	16 13	15 47	18 47		n.a.
T 26	22 26	5 13	4 52	25 46	1 56	17 35	3 48	5 36	0 1	8 13	1 17	1 33	2 41	19 36	0 44	23 44	0 38	19 52	0 12	16 13	15 48	18 48		n.a.
W27	22 17	9 12	5 10	25 44	1 58	17 50	3 43	5 20	0n 0	8 8	1 17	1 33	2 41	19 35	0 44	23 44	0 38	19 52	0 12	16 13	15 49	18 49		n.a.
T 28	22 8	12 45	5 14	25 40	2 0	18 5	3 39	5 4	0 1	8 4	1 17	1 33	2 41	19 34	0 44	23 45	0 39	19 52	0 12	16 14	15 50	18 50		n.a.
F 29	21 58	15 45	5 4	25 33	2 1	18 20	3 34	4 48	0 2	7 59	1 16	1 34	2 41	19 33	0 44	23 45	0 39	19 52	0 12	16 15	15 51	18 51		n.a.
S 30	21 48	18 6	4 42	25 25	2 2	18 34	3 29	4 32	0 2	7 54	1 16	1 34	2 42	19 32	0 44	23 45	0 39	19 52	0 12	16 16	15 52	18 52		n.a.
S 31	21 s37	19n41	4 s 7	25 s15	2 s 3	18 s48	3n24	4 s15	0n 3	7 s50	1 s16	1n34	2n42	19 s31	0 s44	23n45	0n39	19n52	0n12	16n17	15n53	18n53		n.a.

Julian Day Number = 982887.5, Delta T = 13h11m42s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'56, Lahiri = -31°49'56 Julian Calendar 1 Jan. 2022 BCE == Greg. Calendar 15 Dec. 2023 BCE

The year -2021 astronomical counting style corresponds to year 2022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

FEBRUARY 2022 BCE (-2021) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 34 33	25♉41'22	6♋19	15♉19	9♐23	19♓59	13♓34	2°R11	7♒24	14°R30	26°R 3	16°R12	17♌29	17♊37	n.a.	M 1
T 2	7 38 30	26°40'50	18°19	17° 8	10°21	20°37	13°46	2♎11	7°27	14♋28	26♉ 2	16♌10	17°26	17°44	n.a.	T 2
W 3	7 42 27	27°40'15	0♌26	18°58	11°19	21°16	13°58	2°10	7°31	14°27	26° 2	16° 8	17°23	17°50	n.a.	W 3
T 4	7 46 23	28°39'39	12°41	20°50	12°18	21°55	14° 9	2°10	7°34	14°25	26° 1	16°D 7	17°20	17°57	n.a.	T 4
F 5	7 50 20	29°39'00	25° 7	22°43	13°17	22°34	14°21	2° 9	7°37	14°24	26° 1	16° 8	17°17	18° 4	n.a.	F 5
S 6	7 54 16	0♒38'19	7♍44	24°37	14°17	23°13	14°33	2° 8	7°41	14°22	26° 0	16° 8	17°13	18°10	n.a.	S 6
S 7	7 58 13	1°37'35	20°35	26°32	15°17	23°51	14°45	2° 7	7°44	14°20	26° 0	16°10	17°10	18°17	n.a.	S 7
M 8	8 2 9	2°36'50	3♎41	28°28	16°17	24°30	14°57	2° 6	7°48	14°19	25°59	16°11	17° 7	18°24	n.a.	M 8
T 9	8 6 6	3°36'03	17° 2	0♒26	17°18	25° 9	15°10	2° 4	7°51	14°17	25°59	16°12	17° 4	18°31	n.a.	T 9
W10	8 10 2	4°35'14	0♏42	2°25	18°19	25°47	15°22	2° 3	7°54	14°16	25°59	16°R12	17° 1	18°37	n.a.	W10
T 11	8 13 59	5°34'23	14°40	4°24	19°20	26°26	15°34	2° 2	7°58	14°14	25°58	16°12	16°57	18°44	n.a.	T 11
F 12	8 17 55	6°33'31	28°55	6°25	20°22	27° 5	15°47	2° 0	8° 1	14°13	25°58	16°11	16°54	18°51	n.a.	F 12
S 13	8 21 52	7°32'36	13♐25	8°27	21°24	27°43	15°59	1°59	8° 5	14°11	25°58	16°11	16°51	18°57	n.a.	S 13
S 14	8 25 49	8°31'39	28° 7	10°29	22°26	28°22	16°12	1°57	8° 8	14°10	25°57	16°10	16°48	19° 4	n.a.	S 14
M15	8 29 45	9°30'41	12♑54	12°32	23°29	29° 1	16°24	1°55	8°11	14° 8	25°57	16° 9	16°45	19°11	n.a.	M15
T 16	8 33 42	10°29'40	27°39	14°36	24°31	29°39	16°37	1°53	8°15	14° 7	25°57	16° 8	16°42	19°17	n.a.	T 16
W17	8 37 38	11°28'38	12♒15	16°40	25°34	0♈18	16°50	1°51	8°18	14° 5	25°57	16°D 8	16°38	19°24	n.a.	W17
T 18	8 41 35	12°27'33	26°36	18°44	26°38	0°57	17° 2	1°49	8°22	14° 4	25°57	16° 8	16°35	19°31	n.a.	T 18
F 19	8 45 31	13°26'25	10♓37	20°47	27°41	1°35	17°15	1°47	8°25	14° 3	25°56	16° 8	16°32	19°38	n.a.	F 19
S 20	8 49 28	14°25'16	24°14	22°50	28°45	2°14	17°28	1°45	8°28	14° 1	25°56	16° 9	16°29	19°44	n.a.	S 20
S 21	8 53 24	15°24'04	7♈28	24°52	29°49	2°53	17°41	1°43	8°32	14° 0	25°56	16° 9	16°26	19°51	n.a.	S 21
M22	8 57 21	16°22'49	20°19	26°53	0♉53	3°31	17°54	1°40	8°35	13°58	25°56	16°R 9	16°22	19°58	n.a.	M22
T 23	9 1 17	17°21'33	2♉49	28°52	1°57	4°10	18° 7	1°38	8°39	13°57	25°56	16° 9	16°19	20° 4	n.a.	T 23
W24	9 5 14	18°20'14	15° 3	0♓50	3° 2	4°48	18°20	1°35	8°42	13°56	25°56	16°D 9	16°16	20°11	n.a.	W24
T 25	9 9 11	19°18'52	27° 5	2°45	4° 6	5°27	18°34	1°33	8°45	13°54	25°D56	16° 9	16°13	20°18	n.a.	T 25
F 26	9 13 7	20°17'28	8♊59	4°38	5°11	6° 5	18°47	1°30	8°49	13°53	25°56	16° 9	16°10	20°24	n.a.	F 26
S 27	9 17 4	21°16'02	20°50	6°27	6°16	6°44	19° 0	1°27	8°52	13°52	25°56	16° 9	16° 7	20°31	n.a.	S 27
S 28	9 21 0	22♒14'34	2♋43	8♓13	7♉21	7♈22	19♓13	1♎24	8♒55	13♋51	25♉56	16♌10	16♌ 3	20♊38	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21 s26	20n24	3 s22	25 s 3	2 s 3	19 s 2	3n19	3 s59	0n 4	7 s45	1 s16	1n35	2n42	19 s30	0 s44	23n45	0n39	19n52	0n12	16n18	15n54	18n54		n.a.
T 2	21 15	20 13	2 27	24 49	2 2	19 15	3 14	3 43	0 5	7 40	1 16	1 35	2 42	19 30	0 44	23 46	0 39	19 51	0 13	16 19	15 55	18 55		n.a.
W 3	21 3	19 5	1 26	24 33	2 1	19 29	3 9	3 27	0 5	7 35	1 15	1 36	2 43	19 29	0 44	23 46	0 39	19 51	0 13	16 19	15 56	18 56		n.a.
T 4	20 51	17 2	0 19	24 14	1 59	19 42	3 4	3 10	0 6	7 31	1 15	1 36	2 43	19 28	0 44	23 46	0 39	19 51	0 13	16 19	15 57	18 57		n.a.
F 5	20 38	14 11	0n50	23 54	1 57	19 54	2 58	2 54	0 7	7 26	1 15	1 37	2 43	19 27	0 44	23 46	0 39	19 51	0 13	16 19	15 58	18 58		n.a.
S 6	20 25	10 38	1 57	23 31	1 55	20 7	2 53	2 38	0 8	7 21	1 15	1 37	2 43	19 26	0 44	23 46	0 39	19 51	0 13	16 19	15 59	18 59		n.a.
S 7	20 12	6 32	2 59	23 6	1 52	20 19	2 48	2 22	0 8	7 16	1 15	1 38	2 44	19 25	0 44	23 46	0 39	19 51	0 13	16 19	16 0	19 0		n.a.
M 8	19 58	2 4	3 54	22 39	1 48	20 30	2 43	2 5	0 9	7 11	1 14	1 39	2 44	19 24	0 44	23 47	0 39	19 51	0 13	16 18	16 1	19 1		n.a.
T 9	19 44	2 s34	4 37	22 9	1 44	20 41	2 38	1 49	0 10	7 6	1 14	1 39	2 44	19 23	0 44	23 47	0 39	19 51	0 13	16 18	16 2	19 2		n.a.
W10	19 30	7 11	5 5	21 37	1 39	20 52	2 32	1 33	0 11	7 1	1 14	1 40	2 44	19 22	0 44	23 47	0 39	19 51	0 13	16 18	16 3	19 3		n.a.
T 11	19 16	11 31	5 17	21 3	1 33	21 2	2 27	1 16	0 11	6 56	1 14	1 41	2 44	19 21	0 44	23 47	0 39	19 51	0 13	16 18	16 4	19 4		n.a.
F 12	19 1	15 18	5 9	20 27	1 27	21 12	2 22	1 0	0 12	6 51	1 14	1 42	2 45	19 21	0 44	23 47	0 39	19 51	0 13	16 18	16 5	19 5		n.a.
S 13	18 45	18 13	4 42	19 49	1 20	21 22	2 17	0 44	0 13	6 46	1 14	1 43	2 45	19 20	0 44	23 47	0 39	19 51	0 13	16 18	16 6	19 6		n.a.
S 14	18 30	19 59	3 56	19 8	1 13	21 31	2 12	0 27	0 13	6 41	1 13	1 44	2 45	19 19	0 44	23 48	0 39	19 51	0 13	16 19	16 7	19 7		n.a.
M15	18 14	20 24	2 54	18 26	1 5	21 39	2 6	0 11	0 14	6 35	1 13	1 44	2 45	19 18	0 44	23 48	0 39	19 51	0 13	16 19	16 8	19 9		n.a.
T 16	17 58	19 24	1 41	17 41	0 57	21 47	2 1	0n 5	0 15	6 30	1 13	1 45	2 46	19 17	0 44	23 48	0 39	19 51	0 13	16 19	16 9	19 10		n.a.
W17	17 41	17 7	0 22	16 55	0 48	21 55	1 56	0 21	0 15	6 25	1 13	1 46	2 46	19 16	0 44	23 48	0 39	19 51	0 13	16 19	16 10	19 11		n.a.
T 18	17 24	13 48	0 s58	16 7	0 38	22 2	1 51	0 38	0 16	6 20	1 13	1 47	2 46	19 15	0 44	23 48	0 39	19 51	0 14	16 19	16 11	19 12		n.a.
F 19	17 7	9 46	2 12	15 18	0 28	22 9	1 46	0 54	0 17	6 15	1 13	1 48	2 46	19 14	0 44	23 48	0 39	19 51	0 14	16 19	16 12	19 13		n.a.
S 20	16 50	5 19	3 16	14 28	0 18	22 15	1 41	1 10	0 17	6 9	1 12	1 50	2 46	19 13	0 44	23 49	0 39	19 51	0 14	16 19	16 13	19 14		n.a.
S 21	16 33	0 46	4 8	13 36	0 7	22 20	1 35	1 26	0 18	6 4	1 12	1 51	2 47	19 12	0 44	23 49	0 39	19 51	0 14	16 19	16 14	19 15		n.a.
M22	16 15	3n41	4 46	12 44	0n 4	22 25	1 30	1 43	0 19	5 59	1 12	1 52	2 47	19 12	0 44	23 49	0 39	19 51	0 14	16 19	16 15	19 16		n.a.
T 23	15 57	7 52	5 9	11 51	0 16	22 29	1 25	1 59	0 19	5 53	1 12	1 53	2 47	19 11	0 44	23 49	0 39	19 51	0 14	16 19	16 16	19 17		n.a.
W24	15 38	11 38	5 17	10 58	0 27	22 33	1 20	2 15	0 20	5 48	1 12	1 54	2 47	19 10	0 44	23 49	0 39	19 51	0 14	16 19	16 17	19 17		n.a.
T 25	15 20	14 51	5 12	10 6	0 39	22 36	1 15	2 31	0 21	5 43	1 12	1 55	2 47	19 9	0 44	23 49	0 39	19 51	0 14	16 19	16 18	19 18		n.a.
F 26	15 1	17 26	4 53	9 13	0 51	22 39	1 10	2 47	0 21	5 37	1 11	1 57	2 48	19 8	0 44	23 49	0 39	19 51	0 14	16 19	16 19	19 19		n.a.
S 27	14 42	19 15	4 21	8 21	1 3	22 41	1 5	3 3	0 22	5 32	1 11	1 58	2 48	19 7	0 44	23 50	0 39	19 51	0 14	16 19	16 20	19 20		n.a.
S 28	14 s23	20n15	3 s39	7 s30	1n15	22 s42	1n 1	3n20	0n22	5 s26	1 s11	1n59	2n48	19 s 6	0 s44	23n50	0n39	19n52	0n14	16n19	16n21	19n21		n.a.

Julian Day Number = 982918.5, Delta T = 13h11m40s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'52, Lahiri = -31°49'51 Julian Calendar 1 Feb. 2022 BCE == Greg. Calendar 15 Jan. 2022 BCE

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

MARCH 2022 BCE (-2021) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 24 57	23♒13'03	14♋40	9♓56	8♉27	8♈ 1	19♓27	1°R21	8♒59	13°R49	25♉56	16♌11	16♌ 0	20♊45	n.a.	M 1
T 2	9 28 53	24°11'30	26°46	11°35	9°32	8°39	19°40	1♎18	9° 2	13♋48	25°56	16°11	15°57	20°51	n.a.	T 2
W 3	9 32 50	25° 9'55	9♌ 3	13°10	10°38	9°18	19°53	1°15	9° 5	13°47	25°57	16°12	15°54	20°58	n.a.	W 3
T 4	9 36 46	26° 8'17	21°33	14°40	11°44	9°56	20° 7	1°12	9° 9	13°46	25°57	16°R12	15°51	21° 5	n.a.	T 4
F 5	9 40 43	27° 6'38	4♍17	16° 6	12°50	10°35	20°20	1° 9	9°12	13°45	25°57	16°11	15°48	21°11	n.a.	F 5
S 6	9 44 39	28° 4'56	17°16	17°27	13°56	11°13	20°34	1° 6	9°15	13°44	25°57	16°10	15°44	21°18	n.a.	S 6
S 7	9 48 36	29° 3'13	0♎29	18°43	15° 3	11°51	20°47	1° 2	9°19	13°43	25°57	16° 9	15°41	21°25	n.a.	S 7
M 8	9 52 33	0♓ 1'28	13°56	19°55	16° 9	12°30	21° 1	0°59	9°22	13°42	25°58	16° 7	15°38	21°31	n.a.	M 8
T 9	9 56 29	0°59'41	27°36	21° 1	17°16	13° 8	21°15	0°55	9°25	13°41	25°58	16° 5	15°35	21°38	n.a.	T 9
W10	10 0 26	1°57'52	11♏27	22° 2	18°23	13°47	21°28	0°52	9°28	13°40	25°58	16° 4	15°32	21°45	n.a.	W10
T 11	10 4 22	2°56'02	25°28	22°58	19°30	14°25	21°42	0°48	9°31	13°39	25°59	16° 3	15°28	21°52	n.a.	T 11
F 12	10 8 19	3°54'11	9♐37	23°49	20°37	15° 3	21°56	0°45	9°35	13°38	25°59	16°D 3	15°25	21°58	n.a.	F 12
S 13	10 12 15	4°52'17	23°52	24°34	21°44	15°42	22° 9	0°41	9°38	13°37	25°59	16° 4	15°22	22° 5	n.a.	S 13
S 14	10 16 12	5°50'23	8♑12	25°14	22°51	16°20	22°23	0°37	9°41	13°36	26° 0	16° 5	15°19	22°12	n.a.	S 14
M15	10 20 8	6°48'26	22°32	25°48	23°59	16°58	22°37	0°33	9°44	13°35	26° 0	16° 6	15°16	22°18	n.a.	M15
T 16	10 24 5	7°46'28	6♒50	26°17	25° 6	17°37	22°51	0°30	9°47	13°34	26° 1	16° 7	15°13	22°25	n.a.	T 16
W17	10 28 1	8°44'29	21° 0	26°40	26°14	18°15	23° 5	0°26	9°50	13°33	26° 1	16°R 7	15° 9	22°32	n.a.	W17
T 18	10 31 58	9°42'27	5♓ 1	26°57	27°22	18°53	23°19	0°22	9°53	13°33	26° 2	16° 6	15° 6	22°38	n.a.	T 18
F 19	10 35 55	10°40'24	18°46	27°10	28°29	19°31	23°32	0°18	9°56	13°32	26° 2	16° 4	15° 3	22°45	n.a.	F 19
S 20	10 39 51	11°38'19	2♈14	27°16	29°37	20°10	23°46	0°14	9°59	13°31	26° 3	16° 1	15° 0	22°52	n.a.	S 20
S 21	10 43 48	12°36'12	15°23	27°R18	0♒45	20°48	24° 0	0°10	10° 3	13°30	26° 3	15°57	14°57	22°59	n.a.	S 21
M22	10 47 44	13°34'04	28°13	27°14	1°54	21°26	24°14	0° 5	10° 5	13°30	26° 4	15°52	14°53	23° 5	n.a.	M22
T 23	10 51 41	14°31'53	10♉44	27° 6	3° 2	22° 4	24°28	0° 1	10° 8	13°29	26° 5	15°48	14°50	23°12	n.a.	T 23
W24	10 55 37	15°29'41	22°59	26°52	4°10	22°43	24°42	29♍57	10°11	13°28	26° 5	15°45	14°47	23°19	n.a.	W24
T 25	10 59 34	16°27'27	5♊ 2	26°35	5°19	23°21	24°56	29°53	10°14	13°28	26° 6	15°43	14°44	23°25	n.a.	T 25
F 26	11 3 30	17°25'11	16°57	26°13	6°27	23°59	25°10	29°49	10°17	13°27	26° 7	15°D43	14°41	23°32	n.a.	F 26
S 27	11 7 27	18°22'53	28°48	25°48	7°36	24°37	25°24	29°44	10°20	13°27	26° 7	15°43	14°38	23°39	n.a.	S 27
S 28	11 11 23	19°20'33	10♋41	25°19	8°44	25°15	25°38	29°40	10°23	13°26	26° 8	15°44	14°34	23°45	n.a.	S 28
M29	11 15 20	20°18'12	22°41	24°48	9°53	25°54	25°52	29°36	10°26	13°26	26° 9	15°46	14°31	23°52	n.a.	M29
T 30	11 19 17	21°15'49	4♌51	24°15	11° 2	26°32	26° 6	29°31	10°28	13°25	26°10	15°48	14°28	23°59	n.a.	T 30
W31	11 23 13	22♓13'24	17♌15	23♓40	12♒11	27♈10	26♓20	29♍27	10♒31	13♋25	26♉10	15°R48	14♌25	24♊ 5	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	14s 3	20n21	2s46	6s40	1n26	22s43	0n56	3n36	0n23	5s21	1s11	2n 1	2n48	19s 5	0s44	23n50	0n39	19n52	0n14	16n18	16n22	19n22			n.a.
T 2	13 44	19 30	1 46	5 52	1 38	22 44	0 51	3 52	0 24	5 15	1 11	2 2	2 48	19 4	0 44	23 50	0 39	19 52	0 14	16 18	16 23	19 23			n.a.
W 3	13 24	17 43	0 40	5 5	1 49	22 43	0 46	4 8	0 24	5 10	1 11	2 3	2 48	19 3	0 44	23 50	0 39	19 52	0 14	16 18	16 24	19 24			n.a.
T 4	13 4	15 4	0n30	4 20	1 59	22 42	0 41	4 24	0 25	5 4	1 11	2 5	2 49	19 3	0 44	23 50	0 39	19 52	0 14	16 18	16 25	19 25			n.a.
F 5	12 43	11 40	1 39	3 37	2 9	22 41	0 37	4 39	0 25	4 59	1 11	2 6	2 49	19 2	0 44	23 50	0 39	19 52	0 14	16 18	16 26	19 26			n.a.
S 6	12 23	7 38	2 44	2 56	2 19	22 39	0 32	4 55	0 26	4 53	1 10	2 8	2 49	19 1	0 44	23 50	0 39	19 52	0 14	16 19	16 26	19 27			n.a.
S 7	12 2	3 11	3 41	2 17	2 28	22 36	0 28	5 11	0 27	4 48	1 10	2 9	2 49	19 0	0 44	23 51	0 39	19 52	0 15	16 19	16 27	19 28			n.a.
M 8	11 41	1s30	4 28	1 41	2 36	22 32	0 23	5 27	0 27	4 42	1 10	2 11	2 49	18 59	0 44	23 51	0 39	19 52	0 15	16 20	16 28	19 29			n.a.
T 9	11 20	6 10	5 0	1 8	2 44	22 28	0 19	5 43	0 28	4 37	1 10	2 12	2 49	18 58	0 44	23 51	0 39	19 52	0 15	16 20	16 29	19 30			n.a.
W10	10 59	10 35	5 15	0 37	2 50	22 24	0 14	5 58	0 28	4 31	1 10	2 14	2 50	18 57	0 44	23 51	0 39	19 53	0 15	16 21	16 30	19 31			n.a.
T 11	10 38	14 28	5 12	0 9	2 56	22 19	0 10	6 14	0 29	4 25	1 10	2 15	2 50	18 57	0 44	23 51	0 39	19 53	0 15	16 21	16 31	19 32			n.a.
F 12	10 17	17 34	4 50	0n15	3 1	22 13	0 6	6 30	0 29	4 20	1 10	2 17	2 50	18 56	0 44	23 51	0 39	19 53	0 15	16 21	16 32	19 33			n.a.
S 13	9 55	19 37	4 10	0 37	3 5	22 6	0 2	6 45	0 30	4 14	1 10	2 19	2 50	18 55	0 45	23 51	0 39	19 53	0 15	16 21	16 33	19 34			n.a.
S 14	9 33	20 26	3 14	0 56	3 8	21 59	0s 3	7 1	0 30	4 8	1 10	2 20	2 50	18 54	0 45	23 51	0 39	19 53	0 15	16 20	16 34	19 35			n.a.
M15	9 11	19 55	2 6	1 12	3 10	21 51	0 7	7 16	0 31	4 3	1 9	2 22	2 50	18 53	0 45	23 51	0 39	19 53	0 15	16 20	16 35	19 36			n.a.
T 16	8 49	18 7	0 51	1 24	3 11	21 43	0 11	7 32	0 32	3 57	1 9	2 24	2 50	18 52	0 45	23 51	0 39	19 54	0 15	16 20	16 36	19 36			n.a.
W17	8 27	15 12	0s27	1 33	3 10	21 34	0 15	7 47	0 32	3 51	1 9	2 25	2 50	18 51	0 45	23 52	0 39	19 54	0 15	16 20	16 37	19 37			n.a.
T 18	8 5	11 27	1 42	1 39	3 9	21 25	0 18	8 3	0 33	3 46	1 9	2 27	2 50	18 51	0 45	23 52	0 39	19 54	0 15	16 20	16 38	19 38			n.a.
F 19	7 43	7 8	2 50	1 41	3 6	21 15	0 22	8 18	0 33	3 40	1 9	2 29	2 51	18 50	0 45	23 52	0 39	19 54	0 15	16 21	16 39	19 39			n.a.
S 20	7 20	2 33	3 47	1 40	3 2	21 4	0 26	8 33	0 34	3 34	1 9	2 30	2 51	18 49	0 45	23 52	0 39	19 54	0 15	16 22	16 40	19 40			n.a.
S 21	6 58	2n 2	4 30	1 36	2 57	20 53	0 30	8 48	0 34	3 29	1 9	2 32	2 51	18 48	0 45	23 52	0 39	19 54	0 15	16 23	16 41	19 41			n.a.
M22	6 35	6 25	4 59	1 29	2 51	20 41	0 33	9 3	0 35	3 23	1 9	2 34	2 51	18 47	0 45	23 52	0 39	19 55	0 15	16 24	16 42	19 42			n.a.
T 23	6 13	10 25	5 12	1 18	2 43	20 28	0 37	9 18	0 35	3 17	1 9	2 36	2 51	18 47	0 45	23 52	0 39	19 55	0 15	16 25	16 43	19 43			n.a.
W24	5 50	13 53	5 11	1 5	2 34	20 15	0 40	9 33	0 36	3 11	1 9	2 37	2 51	18 46	0 45	23 52	0 39	19 55	0 16	16 26	16 44	19 44			n.a.
T 25	5 27	16 44	4 56	0 48	2 24	20 2	0 44	9 48	0 36	3 6	1 8	2 39	2 51	18 45	0 45	23 52	0 39	19 55	0 16	16 27	16 45	19 45			n.a.
F 26	5 4	18 49	4 28	0 29	2 12	19 48	0 47	10 3	0 37	3 0	1 8	2 41	2 51	18 44	0 45	23 52	0 39	19 56	0 16	16 27	16 46	19 45			n.a.
S 27	4 41	20 6	3 49	0 8	2 0	19 33	0 50	10 18	0 37	2 54	1 8	2 43	2 51	18 43	0 45	23 52	0 39	19 56	0 16	16 27	16 47	19 46			n.a.
S 28	4 18	20 30	3 0	0s16	1 47	19 18	0 53	10 33	0 37	2 49	1 8	2 45	2 51	18 43	0 45	23 52	0 39	19 56	0 16	16 26	16 47	19 47			n.a.
M29	3 55	19 57	2 3	0 42	1 32	19 2	0 56	10 47	0 38	2 43	1 8	2 46	2 51	18 42	0 45	23 52	0 39	19 56	0 16	16 26	16 48	19 48			n.a.
T 30	3 32	18 29	0 59	1 9	1 17	18 46	0 59	11 2	0 38	2 37	1 8	2 48	2 51	18 41	0 45	23 52	0 39	19 56	0 16	16 26	16 49	19 49			n.a.
W31	3s 9	16n 6	0n 8	1s37	1n 1	18s29	1s 2	11n16	0n39	2s31	1s 8	2n50	2n51	18s40	0s45	23n52	0n39	19n57	0n16	16n25	16n50	19n50			n.a.

Julian Day Number = 982946.5, Delta T = 13h11m38s
Ecliptic obliquity = 23°55'29, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'48, Lahiri = -31°49'48 Julian Calendar 1 March 2022 BCE == Greg. Calendar 12 Feb. 2022 BCE

The year -2021 astronomical counting style corresponds to year 2022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

APRIL 2022 BCE (-2021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 27 10	23♓10'58	29♌57	23°R 5	13♒20	27♈48	26♓34	29°R23	10♒34	13°R25	26♉11	15°R47	14♌22	24♊12	n.a.	T 1
F 2	11 31 6	24° 8'30	12♍59	22♓29	14°29	28°26	26°48	29♍18	10°37	13♋24	26°12	15♌44	14°19	24°19	n.a.	F 2
S 3	11 35 3	25° 6'00	26°20	21°54	15°38	29° 4	27° 2	29°14	10°39	13°24	26°13	15°40	14°15	24°26	n.a.	S 3
S 4	11 38 59	26° 3'30	9♎58	21°20	16°47	29°42	27°16	29°10	10°42	13°24	26°14	15°34	14°12	24°32	n.a.	S 4
M 5	11 42 56	27° 0'58	23°52	20°47	17°56	0♉20	27°30	29° 5	10°45	13°24	26°15	15°28	14° 9	24°39	n.a.	M 5
T 6	11 46 52	27°58'24	7♏57	20°16	19° 6	0°59	27°44	29° 1	10°47	13°23	26°16	15°22	14° 6	24°46	n.a.	T 6
W 7	11 50 49	28°55'50	22°10	19°48	20°15	1°37	27°58	28°56	10°50	13°23	26°17	15°16	14° 3	24°52	n.a.	W 7
T 8	11 54 46	29°53'15	6♐25	19°23	21°25	2°15	28°12	28°52	10°52	13°23	26°18	15°12	13°59	24°59	n.a.	T 8
F 9	11 58 42	0♈50'39	20°40	19° 2	22°34	2°53	28°26	28°47	10°55	13°23	26°19	15°10	13°56	25° 6	n.a.	F 9
S 10	12 2 39	1°48'02	4♑51	18°44	23°44	3°31	28°40	28°43	10°57	13°23	26°20	15°D10	13°53	25°12	n.a.	S 10
S 11	12 6 35	2°45'25	18°58	18°30	24°54	4° 9	28°54	28°39	10°59	13°23	26°21	15°10	13°50	25°19	n.a.	S 11
M12	12 10 32	3°42'46	2♒58	18°21	26° 3	4°47	29° 8	28°34	11° 2	13°D23	26°22	15°11	13°47	25°26	n.a.	M12
T 13	12 14 28	4°40'07	16°51	18°16	27°13	5°25	29°22	28°30	11° 4	13°23	26°23	15°R12	13°44	25°32	n.a.	T 13
W14	12 18 25	5°37'26	0♓36	18°D15	28°23	6° 3	29°36	28°26	11° 7	13°23	26°24	15°11	13°40	25°39	n.a.	W14
T 15	12 22 21	6°34'45	14°11	18°18	29°33	6°41	29°50	28°21	11° 9	13°23	26°25	15° 8	13°37	25°46	n.a.	T 15
F 16	12 26 18	7°32'03	27°34	18°27	0♓43	7°19	0♈ 4	28°17	11°11	13°23	26°26	15° 2	13°34	25°52	n.a.	F 16
S 17	12 30 15	8°29'20	10♈44	18°39	1°53	7°57	0°18	28°12	11°13	13°23	26°27	14°54	13°31	25°59	n.a.	S 17
S 18	12 34 11	9°26'36	23°40	18°56	3° 3	8°35	0°32	28° 8	11°15	13°24	26°28	14°45	13°28	26° 6	n.a.	S 18
M19	12 38 8	10°23'51	6♉21	19°18	4°14	9°13	0°46	28° 4	11°17	13°24	26°29	14°35	13°25	26°13	n.a.	M19
T 20	12 42 4	11°21'06	18°46	19°44	5°24	9°51	1° 0	28° 0	11°20	13°24	26°31	14°26	13°21	26°19	n.a.	T 20
W21	12 46 1	12°18'19	0♊58	20°14	6°34	10°29	1°14	27°55	11°22	13°24	26°32	14°18	13°18	26°26	n.a.	W21
T 22	12 49 57	13°15'31	12°59	20°48	7°45	11° 7	1°28	27°51	11°24	13°25	26°33	14°11	13°15	26°33	n.a.	T 22
F 23	12 53 54	14°12'42	24°53	21°27	8°55	11°45	1°42	27°47	11°26	13°25	26°34	14° 7	13°12	26°39	n.a.	F 23
S 24	12 57 50	15° 9'53	6♋43	22° 9	10° 5	12°23	1°56	27°43	11°28	13°25	26°36	14° 5	13° 9	26°46	n.a.	S 24
S 25	13 1 47	16° 7'02	18°35	22°56	11°16	13° 1	2° 9	27°39	11°29	13°26	26°37	14°D 5	13° 5	26°53	n.a.	S 25
M26	13 5 44	17° 4'10	0♌34	23°46	12°27	13°39	2°23	27°35	11°31	13°26	26°38	14° 5	13° 2	26°59	n.a.	M26
T 27	13 9 40	18° 1'18	12°45	24°40	13°37	14°17	2°37	27°31	11°33	13°27	26°39	14°R 6	12°59	27° 6	n.a.	T 27
W28	13 13 37	18°58'24	25°13	25°37	14°48	14°55	2°51	27°27	11°35	13°27	26°41	14° 5	12°56	27°13	n.a.	W28
T 29	13 17 33	19°55'30	8♍ 2	26°38	15°58	15°33	3° 4	27°23	11°37	13°28	26°42	14° 3	12°53	27°19	n.a.	T 29
F 30	13 21 30	20♈52'35	21♍14	27♓43	17♓ 9	16♉11	3♈18	27♍19	11♒38	13♋28	26♉43	13♌58	12♌50	27♊26	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s46	12n54	1n16	2s 7	0n45	18s11	1s 5	11n31	0n39	2s26	1s 8	2n52	2n51	18s40	0s45	23n52	0n39	19n57	0n16	16n26	16n51	19n51		n.a.
F 2	2 22	9 0	2 22	2 36	0 29	17 54	1 7	11 45	0 40	2 20	1 8	2 53	2 51	18 39	0 45	23 52	0 39	19 57	0 16	16 26	16 52	19 51		n.a.
S 3	1 59	4 34	3 22	3 6	0 12	17 35	1 10	11 59	0 40	2 14	1 8	2 55	2 51	18 38	0 45	23 52	0 38	19 58	0 16	16 28	16 53	19 52		n.a.
S 4	1 36	0s11	4 12	3 35	0s 5	17 16	1 13	12 14	0 41	2 8	1 8	2 57	2 51	18 38	0 45	23 52	0 38	19 58	0 16	16 30	16 54	19 53		n.a.
M 5	1 13	5 0	4 48	4 4	0 22	16 57	1 15	12 28	0 41	2 3	1 8	2 59	2 51	18 37	0 45	23 52	0 38	19 58	0 16	16 31	16 55	19 54		n.a.
T 6	0 49	9 37	5 6	4 31	0 38	16 37	1 17	12 42	0 42	1 57	1 8	3 1	2 51	18 36	0 45	23 52	0 38	19 58	0 16	16 33	16 56	19 55		n.a.
W 7	0 26	13 44	5 7	4 57	0 54	16 17	1 20	12 56	0 42	1 51	1 8	3 2	2 51	18 36	0 45	23 52	0 38	19 59	0 16	16 35	16 57	19 56		n.a.
T 8	0 3	17 5	4 48	5 21	1 10	15 56	1 22	13 10	0 42	1 45	1 8	3 4	2 51	18 35	0 45	23 52	0 38	19 59	0 16	16 36	16 58	19 57		n.a.
F 9	0n21	19 24	4 12	5 43	1 25	15 35	1 24	13 23	0 43	1 40	1 8	3 6	2 51	18 34	0 45	23 52	0 38	19 59	0 16	16 37	16 59	19 57		n.a.
S 10	0 44	20 30	3 20	6 3	1 39	15 14	1 26	13 37	0 43	1 34	1 7	3 8	2 51	18 34	0 45	23 52	0 38	19 59	0 17	16 37	17 0	19 58		n.a.
S 11	1 7	20 18	2 17	6 21	1 52	14 52	1 28	13 51	0 44	1 28	1 7	3 9	2 51	18 33	0 45	23 52	0 38	20 0	0 17	16 37	17 1	19 59		n.a.
M12	1 30	18 50	1 6	6 36	2 5	14 30	1 30	14 4	0 44	1 22	1 7	3 11	2 51	18 32	0 45	23 52	0 38	20 0	0 17	16 36	17 2	20 0		n.a.
T 13	1 53	16 15	0s 9	6 49	2 17	14 7	1 32	14 17	0 45	1 17	1 7	3 13	2 51	18 32	0 45	23 52	0 38	20 0	0 17	16 36	17 2	20 1		n.a.
W14	2 17	12 45	1 22	6 59	2 27	13 44	1 33	14 31	0 45	1 11	1 7	3 15	2 51	18 31	0 45	23 52	0 38	20 1	0 17	16 37	17 3	20 1		n.a.
T 15	2 40	8 38	2 29	7 7	2 37	13 20	1 35	14 44	0 45	1 5	1 7	3 16	2 51	18 30	0 45	23 52	0 38	20 1	0 17	16 38	17 4	20 2		n.a.
F 16	3 3	4 9	3 27	7 11	2 45	12 56	1 36	14 57	0 46	1 0	1 7	3 18	2 51	18 30	0 45	23 52	0 38	20 1	0 17	16 39	17 5	20 3		n.a.
S 17	3 26	0n28	4 13	7 13	2 53	12 32	1 38	15 10	0 46	0 54	1 7	3 20	2 51	18 29	0 45	23 52	0 38	20 2	0 17	16 42	17 6	20 4		n.a.
S 18	3 49	4 58	4 45	7 12	3 0	12 7	1 39	15 23	0 47	0 48	1 7	3 21	2 51	18 29	0 45	23 52	0 38	20 2	0 17	16 44	17 7	20 5		n.a.
M19	4 12	9 10	5 2	7 9	3 5	11 43	1 40	15 36	0 47	0 43	1 7	3 23	2 51	18 28	0 45	23 52	0 38	20 2	0 17	16 47	17 8	20 5		n.a.
T 20	4 35	12 53	5 4	7 3	3 10	11 17	1 42	15 49	0 47	0 37	1 7	3 25	2 51	18 28	0 46	23 52	0 38	20 3	0 17	16 50	17 9	20 6		n.a.
W21	4 57	16 0	4 52	6 54	3 14	10 52	1 43	16 1	0 48	0 31	1 7	3 26	2 51	18 27	0 46	23 52	0 38	20 3	0 17	16 52	17 10	20 7		n.a.
T 22	5 20	18 23	4 28	6 43	3 17	10 26	1 44	16 14	0 48	0 26	1 7	3 28	2 50	18 26	0 46	23 52	0 38	20 3	0 17	16 54	17 11	20 8		n.a.
F 23	5 43	19 58	3 52	6 29	3 18	10 0	1 45	16 26	0 48	0 20	1 7	3 30	2 50	18 26	0 46	23 52	0 38	20 4	0 17	16 56	17 12	20 9		n.a.
S 24	6 5	20 39	3 6	6 13	3 19	9 33	1 45	16 38	0 49	0 14	1 7	3 31	2 50	18 25	0 46	23 52	0 38	20 4	0 17	16 56	17 13	20 9		n.a.
S 25	6 28	20 26	2 12	5 54	3 20	9 7	1 46	16 50	0 49	0 9	1 7	3 33	2 50	18 25	0 46	23 52	0 38	20 4	0 17	16 56	17 14	20 10		n.a.
M26	6 50	19 16	1 12	5 33	3 19	8 40	1 47	17 3	0 50	0 3	1 7	3 34	2 50	18 24	0 46	23 52	0 38	20 5	0 17	16 56	17 15	20 11		n.a.
T 27	7 12	17 13	0 7	5 10	3 17	8 13	1 47	17 14	0 50	0n 2	1 7	3 36	2 50	18 24	0 46	23 52	0 38	20 5	0 18	16 56	17 15	20 12		n.a.
W28	7 35	14 18	0n59	4 45	3 15	7 45	1 48	17 26	0 50	0 8	1 7	3 37	2 50	18 23	0 46	23 52	0 38	20 6	0 18	16 56	17 16	20 12		n.a.
T 29	7 57	10 38	2 4	4 17	3 12	7 18	1 48	17 38	0 51	0 14	1 7	3 39	2 50	18 23	0 46	23 52	0 38	20 6	0 18	16 57	17 17	20 13		n.a.
F 30	8n19	6n21	3n 4	3s48	3s 8	6s50	1s48	17n50	0n51	0n19	1s 7	3n40	2n50	18s23	0s46	23n52	0n38	20n 6	0n18	16n58	17n18	20n14		n.a.

Julian Day Number = 982977.5, Delta T = 13h11m36s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'44, Lahiri = -31°49'43 Julian Calendar 1 Apr. 2022 BCE == Greg. Calendar 15 March 2022 BCE

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

MAY 2022 BCE (-2021) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 25 26	21♈49'39	4♎52	28♓51	18♓20	16♉49	3♈32	27°R15	11♒40	13♋29	26♉45	13°R51	12♌46	27♊33	n.a.	S 1
S 2	13 29 23	22°46'43	18°52	0♈ 3	19°31	17°27	3°45	27♍11	11°41	13°30	26°46	13♌42	12°43	27°39	n.a.	S 2
M 3	13 33 19	23°43'47	3♏11	1°17	20°42	18° 5	3°59	27° 8	11°43	13°30	26°47	13°32	12°40	27°46	n.a.	M 3
T 4	13 37 16	24°40'50	17°43	2°36	21°53	18°43	4°12	27° 4	11°44	13°31	26°49	13°21	12°37	27°53	n.a.	T 4
W 5	13 41 13	25°37'52	2♐21	3°57	23° 4	19°21	4°26	27° 0	11°46	13°32	26°50	13°12	12°34	28° 0	n.a.	W 5
T 6	13 45 9	26°34'55	16°58	5°22	24°15	19°59	4°39	26°57	11°47	13°32	26°52	13° 5	12°30	28° 6	n.a.	T 6
F 7	13 49 6	27°31'58	1♑28	6°49	25°26	20°36	4°53	26°53	11°49	13°33	26°53	13° 1	12°27	28°13	n.a.	F 7
S 8	13 53 2	28°29'01	15°46	8°20	26°37	21°14	5° 6	26°50	11°50	13°34	26°54	12°59	12°24	28°20	n.a.	S 8
S 9	13 56 59	29°26'04	29°51	9°55	27°48	21°52	5°20	26°47	11°51	13°35	26°56	12°D58	12°21	28°26	n.a.	S 9
M10	14 0 55	0♉23'06	13♒43	11°32	29° 0	22°30	5°33	26°43	11°53	13°36	26°57	12°R58	12°18	28°33	n.a.	M10
T 11	14 4 52	1°20'09	27°20	13°12	0♈11	23° 8	5°46	26°40	11°54	13°37	26°59	12°58	12°15	28°40	n.a.	T 11
W12	14 8 49	2°17'13	10♓45	14°55	1°22	23°46	5°59	26°37	11°55	13°38	27° 0	12°55	12°11	28°46	n.a.	W12
T 13	14 12 45	3°14'16	23°58	16°42	2°34	24°24	6°13	26°34	11°56	13°39	27° 2	12°51	12° 8	28°53	n.a.	T 13
F 14	14 16 42	4°11'19	6♈59	18°31	3°45	25° 2	6°26	26°31	11°57	13°40	27° 3	12°43	12° 5	29° 0	n.a.	F 14
S 15	14 20 38	5° 8'23	19°49	20°22	4°57	25°40	6°39	26°28	11°58	13°41	27° 5	12°32	12° 2	29° 6	n.a.	S 15
S 16	14 24 35	6° 5'26	2♉28	22°17	6° 8	26°18	6°52	26°25	11°59	13°42	27° 6	12°20	11°59	29°13	n.a.	S 16
M17	14 28 31	7° 2'30	14°55	24°14	7°20	26°56	7° 5	26°22	12° 0	13°43	27° 8	12° 7	11°56	29°20	n.a.	M17
T 18	14 32 28	7°59'34	27°10	26°13	8°31	27°34	7°18	26°19	12° 1	13°44	27° 9	11°54	11°52	29°26	n.a.	T 18
W19	14 36 24	8°56'37	9♊15	28°15	9°43	28°12	7°31	26°17	12° 2	13°45	27°11	11°42	11°49	29°33	n.a.	W19
T 20	14 40 21	9°53'41	21°12	0♉18	10°55	28°50	7°44	26°14	12° 2	13°46	27°12	11°33	11°46	29°40	n.a.	T 20
F 21	14 44 18	10°50'45	3♋ 3	2°23	12° 6	29°28	7°57	26°11	12° 3	13°47	27°14	11°26	11°43	29°46	n.a.	F 21
S 22	14 48 14	11°47'49	14°51	4°29	13°18	0♊ 6	8° 9	26° 9	12° 4	13°49	27°15	11°22	11°40	29°53	n.a.	S 22
S 23	14 52 11	12°44'53	26°41	6°37	14°30	0°44	8°22	26° 7	12° 5	13°50	27°17	11°20	11°36	29°59	n.a.	S 23
M24	14 56 7	13°41'57	8♌38	8°46	15°42	1°22	8°35	26° 4	12° 5	13°51	27°19	11°20	11°33	0♋ 6	n.a.	M24
T 25	15 0 4	14°39'01	20°48	10°55	16°54	2° 0	8°47	26° 2	12° 6	13°52	27°20	11°20	11°30	0°13	n.a.	T 25
W26	15 4 0	15°36'05	3♍15	13° 4	18° 6	2°37	9° 0	26° 0	12° 6	13°54	27°22	11°19	11°27	0°20	n.a.	W26
T 27	15 7 57	16°33'09	16° 4	15°13	19°18	3°15	9°12	25°58	12° 7	13°55	27°23	11°17	11°24	0°27	n.a.	T 27
F 28	15 11 54	17°30'13	29°20	17°22	20°30	3°53	9°25	25°56	12° 7	13°57	27°25	11°12	11°21	0°33	n.a.	F 28
S 29	15 15 50	18°27'18	13♎ 4	19°31	21°42	4°31	9°37	25°54	12° 7	13°58	27°26	11° 4	11°17	0°40	n.a.	S 29
S 30	15 19 47	19°24'23	27°15	21°38	22°54	5° 9	9°49	25°52	12° 8	13°59	27°28	10°55	11°14	0°47	n.a.	S 30
M31	15 23 43	20♉21'28	11♏51	23♉45	24♈ 6	5♊47	10♈ 1	25♍51	12♒ 8	14♋ 1	27♉30	10♌44	11♌11	0♋53	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n40	1n37	3n56	3s16	3s 4	6s22	1s49	18n 1	0n51	0n25	1s 7	3n42	2n49	18s22	0s46	23n52	0n38	20n 7	0n18	17n 0	17n19	20n15		n.a.
S 2	9 2	3s19	4 35	2 42	2 58	5 54	1 49	18 12	0 52	0 30	1 7	3 43	2 49	18 22	0 46	23 52	0 38	20 7	0 18	17 3	17 20	20 15		n.a.
M 3	9 24	8 10	4 57	2 6	2 53	5 25	1 49	18 24	0 52	0 36	1 7	3 44	2 49	18 21	0 46	23 51	0 38	20 7	0 18	17 6	17 21	20 16		n.a.
T 4	9 45	12 39	5 1	1 29	2 46	4 57	1 49	18 35	0 52	0 41	1 7	3 46	2 49	18 21	0 46	23 51	0 38	20 8	0 18	17 9	17 22	20 17		n.a.
W 5	10 6	16 23	4 46	0 49	2 39	4 28	1 49	18 46	0 53	0 47	1 7	3 47	2 49	18 21	0 46	23 51	0 38	20 8	0 18	17 12	17 23	20 18		n.a.
T 6	10 27	19 6	4 11	0 8	2 32	3 59	1 49	18 57	0 53	0 52	1 7	3 48	2 49	18 20	0 46	23 51	0 38	20 9	0 18	17 14	17 24	20 18		n.a.
F 7	10 48	20 34	3 21	0n35	2 23	3 30	1 48	19 7	0 53	0 57	1 7	3 50	2 48	18 20	0 46	23 51	0 38	20 9	0 18	17 15	17 25	20 19		n.a.
S 8	11 9	20 40	2 19	1 19	2 15	3 1	1 48	19 18	0 54	1 3	1 7	3 51	2 48	18 19	0 46	23 51	0 38	20 9	0 18	17 16	17 26	20 20		n.a.
S 9	11 30	19 28	1 9	2 5	2 6	2 32	1 48	19 28	0 54	1 8	1 7	3 52	2 48	18 19	0 46	23 51	0 38	20 10	0 18	17 16	17 26	20 21		n.a.
M10	11 50	17 7	0s 4	2 53	1 56	2 2	1 47	19 39	0 54	1 14	1 7	3 53	2 48	18 19	0 46	23 51	0 38	20 10	0 18	17 16	17 27	20 21		n.a.
T 11	12 10	13 49	1 15	3 41	1 46	1 33	1 47	19 49	0 55	1 19	1 7	3 54	2 48	18 19	0 46	23 51	0 38	20 11	0 18	17 16	17 28	20 22		n.a.
W12	12 31	9 51	2 21	4 32	1 36	1 3	1 46	19 59	0 55	1 24	1 7	3 56	2 48	18 18	0 46	23 51	0 38	20 11	0 18	17 16	17 29	20 23		n.a.
T 13	12 51	5 28	3 19	5 23	1 25	0 34	1 45	20 9	0 55	1 30	1 7	3 57	2 47	18 18	0 46	23 51	0 38	20 11	0 18	17 18	17 30	20 23		n.a.
F 14	13 10	0 54	4 5	6 15	1 14	0 4	1 44	20 18	0 56	1 35	1 7	3 58	2 47	18 18	0 46	23 50	0 38	20 12	0 19	17 20	17 31	20 24		n.a.
S 15	13 30	3n38	4 37	7 9	1 3	0n25	1 44	20 28	0 56	1 40	1 7	3 59	2 47	18 17	0 46	23 50	0 38	20 12	0 19	17 23	17 32	20 25		n.a.
S 16	13 49	7 57	4 56	8 3	0 52	0 55	1 43	20 38	0 56	1 45	1 7	4 0	2 47	18 17	0 46	23 50	0 38	20 13	0 19	17 27	17 33	20 25		n.a.
M17	14 8	11 52	5 0	8 57	0 41	1 25	1 42	20 47	0 56	1 51	1 7	4 1	2 47	18 17	0 47	23 50	0 38	20 13	0 19	17 30	17 34	20 26		n.a.
T 18	14 27	15 13	4 50	9 52	0 29	1 55	1 41	20 56	0 57	1 56	1 7	4 2	2 46	18 17	0 47	23 50	0 38	20 13	0 19	17 34	17 35	20 27		n.a.
W19	14 46	17 54	4 27	10 47	0 18	2 24	1 39	21 5	0 57	2 1	1 7	4 2	2 46	18 17	0 47	23 50	0 38	20 14	0 19	17 37	17 35	20 27		n.a.
T 20	15 5	19 46	3 52	11 42	0 7	2 54	1 38	21 14	0 57	2 6	1 7	4 3	2 46	18 16	0 47	23 50	0 38	20 14	0 19	17 40	17 36	20 28		n.a.
F 21	15 23	20 46	3 8	12 37	0n 4	3 24	1 37	21 23	0 58	2 11	1 7	4 4	2 46	18 16	0 47	23 50	0 38	20 15	0 19	17 42	17 37	20 29		n.a.
S 22	15 41	20 50	2 15	13 31	0 15	3 53	1 36	21 31	0 58	2 16	1 7	4 5	2 46	18 16	0 47	23 49	0 38	20 15	0 19	17 43	17 38	20 30		n.a.
S 23	15 59	19 59	1 17	14 24	0 26	4 23	1 34	21 40	0 58	2 21	1 7	4 6	2 45	18 16	0 47	23 49	0 38	20 16	0 19	17 44	17 39	20 30		n.a.
M24	16 16	18 14	0 14	15 16	0 36	4 53	1 33	21 48	0 58	2 26	1 7	4 6	2 45	18 16	0 47	23 49	0 38	20 16	0 19	17 44	17 40	20 31		n.a.
T 25	16 34	15 38	0n50	16 7	0 45	5 22	1 31	21 56	0 59	2 31	1 7	4 7	2 45	18 16	0 47	23 49	0 38	20 16	0 19	17 44	17 41	20 31		n.a.
W26	16 51	12 17	1 53	16 56	0 54	5 51	1 30	22 4	0 59	2 36	1 7	4 8	2 45	18 16	0 47	23 49	0 38	20 17	0 19	17 44	17 42	20 32		n.a.
T 27	17 7	8 15	2 53	17 44	1 3	6 21	1 28	22 12	0 59	2 41	1 7	4 8	2 44	18 16	0 47	23 49	0 38	20 17	0 19	17 45	17 43	20 33		n.a.
F 28	17 24	3 42	3 45	18 29	1 11	6 50	1 27	22 20	0 59	2 46	1 7	4 9	2 44	18 15	0 47	23 49	0 38	20 18	0 19	17 46	17 44	20 33		n.a.
S 29	17 40	1s11	4 26	19 13	1 18	7 19	1 25	22 27	1 0	2 51	1 8	4 9	2 44	18 15	0 47	23 48	0 38	20 18	0 19	17 48	17 44	20 34		n.a.
S 30	17 56	6 10	4 53	19 54	1 25	7 48	1 23	22 35	1 0	2 56	1 8	4 10	2 44	18 15	0 47	23 48	0 38	20 19	0 20	17 51	17 45	20 35		n.a.
M31	18n12	10s56	5n 1	20n33	1n31	8n17	1s21	22n42	1n 0	3n 1	1s 8	4n10	2n43	18s15	0s47	23n48	0n38	20n19	0n20	17n54	17n46	20n35		n.a.

Julian Day Number = 983007.5, Delta T = 13h11m34s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'40, Lahiri = -31°49'39 Julian Calendar 1 May 2022 BCE == Greg. Calendar 14 Apr. 2022 BCE

The year -2021 astronomical counting style corresponds to year 2022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

JUNE 2022 BCE (-2021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 27 40	21♉18'34	26♏43	25♉51	25♈18	6♊25	10♈14	25°R49	12♒ 8	14♋ 2	27♉31	10°R34	11♌ 8	1♋ 0	n.a.	T 1
W 2	15 31 36	22°15'41	11♐44	27°56	26°31	7° 3	10°26	25♍48	12° 8	14° 4	27°33	10♌24	11° 5	1° 7	n.a.	W 2
T 3	15 35 33	23°12'48	26°43	29°59	27°43	7°41	10°38	25°46	12° 8	14° 5	27°34	10°17	11° 1	1°13	n.a.	T 3
F 4	15 39 30	24° 9'56	11♑32	2♊ 0	28°55	8°19	10°50	25°45	12° 8	14° 7	27°36	10°12	10°58	1°20	n.a.	F 4
S 5	15 43 26	25° 7'05	26° 5	4° 1	0♉ 8	8°57	11° 1	25°44	12°R 8	14° 8	27°38	10° 9	10°55	1°27	n.a.	S 5
S 6	15 47 23	26° 4'16	10♒19	5°59	1°20	9°35	11°13	25°43	12° 8	14°10	27°39	10°D 9	10°52	1°33	n.a.	S 6
M 7	15 51 19	27° 1'27	24°12	7°56	2°33	10°13	11°25	25°41	12° 8	14°12	27°41	10°R 9	10°49	1°40	n.a.	M 7
T 8	15 55 16	27°58'39	7♓45	9°52	3°45	10°51	11°37	25°40	12° 8	14°13	27°42	10° 9	10°46	1°47	n.a.	T 8
W 9	15 59 12	28°55'52	21° 0	11°45	4°58	11°29	11°48	25°40	12° 8	14°15	27°44	10° 7	10°42	1°53	n.a.	W 9
T 10	16 3 9	29°53'07	3♈59	13°37	6°10	12° 7	12° 0	25°39	12° 8	14°17	27°46	10° 3	10°39	2° 0	n.a.	T 10
F 11	16 7 5	0♊50'22	16°44	15°27	7°23	12°45	12°11	25°38	12° 7	14°18	27°47	9°56	10°36	2° 7	n.a.	F 11
S 12	16 11 2	1°47'39	29°17	17°16	8°36	13°23	12°22	25°38	12° 7	14°20	27°49	9°46	10°33	2°13	n.a.	S 12
S 13	16 14 59	2°44'57	11♉39	19° 3	9°49	14° 2	12°33	25°37	12° 7	14°22	27°50	9°35	10°30	2°20	n.a.	S 13
M14	16 18 55	3°42'16	23°52	20°48	11° 1	14°40	12°45	25°37	12° 6	14°24	27°52	9°23	10°27	2°27	n.a.	M14
T 15	16 22 52	4°39'36	5♊57	22°31	12°14	15°18	12°56	25°36	12° 6	14°25	27°54	9°12	10°23	2°33	n.a.	T 15
W16	16 26 48	5°36'57	17°54	24°13	13°27	15°56	13° 7	25°36	12° 5	14°27	27°55	9° 1	10°20	2°40	n.a.	W16
T 17	16 30 45	6°34'19	29°46	25°53	14°40	16°34	13°17	25°36	12° 5	14°29	27°57	8°53	10°17	2°47	n.a.	T 17
F 18	16 34 41	7°31'42	11♋34	27°32	15°53	17°12	13°28	25°D36	12° 4	14°31	27°58	8°47	10°14	2°53	n.a.	F 18
S 19	16 38 38	8°29'07	23°21	29° 9	17° 6	17°50	13°39	25°36	12° 3	14°33	28° 0	8°43	10°11	3° 0	n.a.	S 19
S 20	16 42 35	9°26'32	5♌11	0♋44	18°19	18°28	13°49	25°36	12° 3	14°35	28° 2	8°D42	10° 7	3° 7	n.a.	S 20
M21	16 46 31	10°23'58	17° 8	2°17	19°32	19° 6	14° 0	25°37	12° 2	14°37	28° 3	8°42	10° 4	3°13	n.a.	M21
T 22	16 50 28	11°21'25	29°16	3°49	20°45	19°45	14°10	25°37	12° 1	14°39	28° 5	8°43	10° 1	3°20	n.a.	T 22
W23	16 54 24	12°18'53	11♍41	5°19	21°58	20°23	14°21	25°37	12° 0	14°40	28° 6	8°R44	9°58	3°27	n.a.	W23
T 24	16 58 21	13°16'22	24°28	6°48	23°12	21° 1	14°31	25°38	11°59	14°42	28° 8	8°43	9°55	3°33	n.a.	T 24
F 25	17 2 17	14°13'52	7♎40	8°14	24°25	21°39	14°41	25°39	11°58	14°44	28°10	8°40	9°52	3°40	n.a.	F 25
S 26	17 6 14	15°11'24	21°21	9°39	25°38	22°17	14°51	25°39	11°57	14°46	28°11	8°36	9°48	3°47	n.a.	S 26
S 27	17 10 10	16° 8'56	5♏32	11° 2	26°51	22°55	15° 1	25°40	11°56	14°48	28°13	8°30	9°45	3°53	n.a.	S 27
M28	17 14 7	17° 6'30	20°10	12°24	28° 5	23°34	15°10	25°41	11°55	14°50	28°14	8°22	9°42	4° 0	n.a.	M28
T 29	17 18 4	18° 4'05	5♐ 9	13°43	29°18	24°12	15°20	25°42	11°54	14°52	28°16	8°15	9°39	4° 7	n.a.	T 29
W30	17 22 0	19♊ 1'41	20♐20	15♋ 1	0♊32	24♊50	15♈29	25♍43	11♒53	14♋54	28♉17	8♌ 8	9♌36	4♋14	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n27	15s 8	4n49	21n10	1n36	8n45	1s19	22n49	1n 0	3n 6	1s 8	4n11	2n43	18s15	0s47	23n48	0n38	20n19	0n20	17n57	17n47	20n36		n.a.
W 2	18 42	18 24	4 18	21 44	1 41	9 14	1 17	22 56	1 1	3 10	1 8	4 11	2 43	18 15	0 47	23 48	0 38	20 20	0 20	17 59	17 48	20 37		n.a.
T 3	18 57	20 25	3 29	22 15	1 45	9 42	1 15	23 2	1 1	3 15	1 8	4 12	2 43	18 15	0 47	23 48	0 38	20 20	0 20	18 1	17 49	20 37		n.a.
F 4	19 12	21 0	2 25	22 45	1 48	10 10	1 13	23 9	1 1	3 20	1 8	4 12	2 42	18 15	0 47	23 47	0 38	20 21	0 20	18 3	17 50	20 38		n.a.
S 5	19 26	20 9	1 14	23 11	1 50	10 38	1 11	23 15	1 1	3 25	1 8	4 12	2 42	18 15	0 47	23 47	0 38	20 21	0 20	18 3	17 51	20 38		n.a.
S 6	19 40	18 2	0s 1	23 35	1 52	11 6	1 9	23 21	1 2	3 29	1 8	4 12	2 42	18 15	0 47	23 47	0 38	20 22	0 20	18 4	17 52	20 39		n.a.
M 7	19 53	14 53	1 14	23 57	1 54	11 33	1 7	23 27	1 2	3 34	1 8	4 13	2 42	18 15	0 47	23 47	0 38	20 22	0 20	18 3	17 52	20 40		n.a.
T 8	20 7	11 0	2 21	24 16	1 54	12 0	1 5	23 33	1 2	3 38	1 8	4 13	2 41	18 16	0 47	23 47	0 38	20 22	0 20	18 4	17 53	20 40		n.a.
W 9	20 20	6 40	3 19	24 32	1 54	12 27	1 3	23 39	1 2	3 43	1 8	4 13	2 41	18 16	0 47	23 46	0 38	20 23	0 20	18 4	17 54	20 41		n.a.
T 10	20 32	2 8	4 5	24 47	1 54	12 54	1 1	23 44	1 3	3 47	1 8	4 13	2 41	18 16	0 48	23 46	0 38	20 23	0 20	18 5	17 55	20 41		n.a.
F 11	20 44	2n26	4 38	24 59	1 53	13 20	0 58	23 50	1 3	3 52	1 8	4 13	2 41	18 16	0 48	23 46	0 38	20 24	0 20	18 7	17 56	20 42		n.a.
S 12	20 56	6 49	4 58	25 9	1 51	13 46	0 56	23 55	1 3	3 56	1 8	4 13	2 40	18 16	0 48	23 46	0 38	20 24	0 20	18 10	17 57	20 43		n.a.
S 13	21 8	10 51	5 2	25 16	1 49	14 12	0 54	24 0	1 3	4 1	1 8	4 13	2 40	18 16	0 48	23 46	0 38	20 25	0 20	18 13	17 58	20 43		n.a.
M14	21 19	14 23	4 53	25 22	1 46	14 38	0 51	24 4	1 3	4 5	1 9	4 13	2 40	18 16	0 48	23 46	0 38	20 25	0 20	18 16	17 59	20 44		n.a.
T 15	21 30	17 18	4 31	25 25	1 43	15 3	0 49	24 9	1 4	4 9	1 9	4 13	2 39	18 16	0 48	23 45	0 38	20 25	0 21	18 19	18 0	20 44		n.a.
W16	21 41	19 26	3 57	25 27	1 39	15 27	0 47	24 13	1 4	4 14	1 9	4 12	2 39	18 17	0 48	23 45	0 38	20 26	0 21	18 22	18 0	20 45		n.a.
T 17	21 51	20 43	3 12	25 27	1 35	15 52	0 44	24 18	1 4	4 18	1 9	4 12	2 39	18 17	0 48	23 45	0 38	20 26	0 21	18 24	18 1	20 45		n.a.
F 18	22 0	21 5	2 20	25 25	1 31	16 16	0 42	24 22	1 4	4 22	1 9	4 12	2 39	18 17	0 48	23 45	0 38	20 27	0 21	18 26	18 2	20 46		n.a.
S 19	22 10	20 31	1 21	25 21	1 26	16 39	0 39	24 26	1 4	4 26	1 9	4 12	2 38	18 17	0 48	23 45	0 38	20 27	0 21	18 27	18 3	20 47		n.a.
S 20	22 19	19 3	0 19	25 15	1 20	17 3	0 37	24 29	1 5	4 30	1 9	4 11	2 38	18 18	0 48	23 44	0 38	20 28	0 21	18 27	18 4	20 47		n.a.
M21	22 28	16 44	0n45	25 8	1 14	17 25	0 34	24 33	1 5	4 34	1 9	4 11	2 38	18 18	0 48	23 44	0 38	20 28	0 21	18 27	18 5	20 48		n.a.
T 22	22 36	13 39	1 48	25 0	1 8	17 48	0 32	24 36	1 5	4 38	1 9	4 11	2 38	18 18	0 48	23 44	0 38	20 28	0 21	18 27	18 6	20 48		n.a.
W23	22 44	9 54	2 48	24 50	1 1	18 10	0 29	24 39	1 5	4 42	1 9	4 10	2 37	18 18	0 48	23 44	0 38	20 29	0 21	18 27	18 6	20 49		n.a.
T 24	22 51	5 36	3 41	24 39	0 54	18 31	0 27	24 42	1 5	4 46	1 9	4 10	2 37	18 19	0 48	23 43	0 38	20 29	0 21	18 27	18 7	20 49		n.a.
F 25	22 58	0 55	4 24	24 27	0 47	18 52	0 24	24 45	1 6	4 50	1 9	4 9	2 37	18 19	0 48	23 43	0 38	20 30	0 21	18 27	18 8	20 50		n.a.
S 26	23 5	3s58	4 53	24 13	0 39	19 13	0 21	24 47	1 6	4 54	1 10	4 9	2 36	18 19	0 48	23 43	0 38	20 30	0 21	18 29	18 9	20 50		n.a.
S 27	23 11	8 49	5 7	23 59	0 32	19 33	0 19	24 50	1 6	4 58	1 10	4 8	2 36	18 20	0 48	23 43	0 38	20 31	0 21	18 30	18 10	20 51		n.a.
M28	23 17	13 19	5 1	23 43	0 23	19 52	0 16	24 52	1 6	5 1	1 10	4 7	2 36	18 20	0 48	23 43	0 38	20 31	0 21	18 32	18 11	20 51		n.a.
T 29	23 23	17 6	4 34	23 27	0 15	20 11	0 14	24 54	1 6	5 5	1 10	4 7	2 36	18 20	0 48	23 42	0 38	20 31	0 21	18 34	18 12	20 52		n.a.
W30	23n28	19s46	3n48	23n10	0n 6	20n29	0s11	24n56	1n 6	5n 9	1s10	4n 6	2n35	18s21	0s48	23n42	0n38	20n32	0n22	18n36	18n13	20n52		n.a.

Julian Day Number = 983038.5, Delta T = 13h11m32s
Ecliptic obliquity = 23°55'29, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'36, Lahiri = -31°49'35 Julian Calendar 1 June 2022 BCE == Greg. Calendar 15 May 2022 BCE

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

JULY 2022 BCE (-2021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 25 57	19♊59'19	5♉34	16♋16	1♊45	25♊28	15♈39	25♍45	11°R52	14♋56	28♉19	8°R 3	9♌33	4♋20	n.a.	T 1
F 2	17 29 53	20°56'58	20°40	17°30	2°59	26° 7	15°48	25°46	11♒51	14°59	28°20	7♌59	9°29	4°27	n.a.	F 2
S 3	17 33 50	21°54'40	5♒29	18°42	4°12	26°45	15°57	25°47	11°49	15° 1	28°22	7°D58	9°26	4°34	n.a.	S 3
S 4	17 37 46	22°52'23	19°57	19°51	5°26	27°23	16° 6	25°49	11°48	15° 3	28°23	7°59	9°23	4°40	n.a.	S 4
M 5	17 41 43	23°50'07	4♓ 0	20°58	6°40	28° 2	16°15	25°50	11°47	15° 5	28°25	8° 0	9°20	4°47	n.a.	M 5
T 6	17 45 39	24°47'54	17°37	22° 3	7°53	28°40	16°24	25°52	11°45	15° 7	28°26	8° 1	9°17	4°54	n.a.	T 6
W 7	17 49 36	25°45'43	0♈52	23° 6	9° 7	29°18	16°33	25°54	11°44	15° 9	28°28	8°R 1	9°13	5° 0	n.a.	W 7
T 8	17 53 33	26°43'33	13°46	24° 5	10°21	29°57	16°41	25°56	11°42	15°11	28°29	8° 0	9°10	5° 7	n.a.	T 8
F 9	17 57 29	27°41'26	26°23	25° 3	11°35	0♋35	16°50	25°58	11°41	15°13	28°31	7°56	9° 7	5°14	n.a.	F 9
S 10	18 1 26	28°39'20	8♉45	25°57	12°49	1°13	16°58	26° 0	11°39	15°15	28°32	7°51	9° 4	5°20	n.a.	S 10
S 11	18 5 22	29°37'17	20°56	26°48	14° 2	1°52	17° 6	26° 2	11°38	15°18	28°33	7°45	9° 1	5°27	n.a.	S 11
M12	18 9 19	0♋35'15	2♊59	27°36	15°16	2°30	17°14	26° 4	11°36	15°20	28°35	7°39	8°58	5°34	n.a.	M12
T 13	18 13 15	1°33'15	14°55	28°21	16°30	3° 9	17°22	26° 7	11°35	15°22	28°36	7°32	8°54	5°40	n.a.	T 13
W14	18 17 12	2°31'17	26°46	29° 2	17°44	3°47	17°30	26° 9	11°33	15°24	28°38	7°26	8°51	5°47	n.a.	W14
T 15	18 21 8	3°29'22	8♋35	29°39	18°59	4°25	17°38	26°12	11°31	15°26	28°39	7°21	8°48	5°54	n.a.	T 15
F 16	18 25 5	4°27'27	20°23	0♌13	20°13	5° 4	17°45	26°14	11°29	15°29	28°40	7°18	8°45	6° 0	n.a.	F 16
S 17	18 29 2	5°25'35	2♌12	0°41	21°27	5°42	17°52	26°17	11°28	15°31	28°42	7°D17	8°42	6° 7	n.a.	S 17
S 18	18 32 58	6°23'45	14° 6	1° 6	22°41	6°21	18° 0	26°20	11°26	15°33	28°43	7°17	8°39	6°14	n.a.	S 18
M19	18 36 55	7°21'56	26° 7	1°25	23°55	6°59	18° 7	26°22	11°24	15°35	28°44	7°18	8°35	6°20	n.a.	M19
T 20	18 40 51	8°20'09	8♍19	1°39	25°10	7°38	18°13	26°25	11°22	15°37	28°46	7°20	8°32	6°27	n.a.	T 20
W21	18 44 48	9°18'23	20°45	1°48	26°24	8°17	18°20	26°28	11°20	15°40	28°47	7°21	8°29	6°34	n.a.	W21
T 22	18 48 44	10°16'39	3♎30	1°R51	27°38	8°55	18°27	26°32	11°18	15°42	28°48	7°22	8°26	6°40	n.a.	T 22
F 23	18 52 41	11°14'57	16°38	1°48	28°52	9°34	18°33	26°35	11°16	15°44	28°49	7°R22	8°23	6°47	n.a.	F 23
S 24	18 56 37	12°13'17	0♏12	1°39	0♋ 7	10°12	18°39	26°38	11°14	15°46	28°51	7°21	8°19	6°54	n.a.	S 24
S 25	19 0 34	13°11'38	14°13	1°23	1°21	10°51	18°46	26°41	11°12	15°48	28°52	7°19	8°16	7° 0	n.a.	S 25
M26	19 4 31	14°10'01	28°40	1° 1	2°36	11°30	18°52	26°45	11°10	15°51	28°53	7°16	8°13	7° 7	n.a.	M26
T 27	19 8 27	15° 8'26	13♐30	0°32	3°50	12° 8	18°57	26°48	11° 8	15°53	28°54	7°13	8°10	7°14	n.a.	T 27
W28	19 12 24	16° 6'53	28°36	29♋57	5° 5	12°47	19° 3	26°52	11° 6	15°55	28°55	7°11	8° 7	7°20	n.a.	W28
T 29	19 16 20	17° 5'22	13♑50	29°15	6°19	13°26	19° 8	26°56	11° 4	15°57	28°57	7° 9	8° 4	7°27	n.a.	T 29
F 30	19 20 17	18° 3'53	29° 0	28°28	7°34	14° 4	19°14	27° 0	11° 1	16° 0	28°58	7° 8	8° 0	7°34	n.a.	F 30
S 31	19 24 13	19♋ 2'26	13♒59	27♋35	8♋49	14♋43	19♈19	27♍ 3	10♒59	16♋ 2	28♉59	7°D 8	7♌57	7♋40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n32	21s 3	2n46	22n52	0s 3	20n47	0s 9	24n57	1n 7	5n12	1s10	4n 5	2n35	18s21	0s48	23n42	0n38	20n32	0n22	18n38	18n13	20n53			n.a.
F 2	23 36	20 47	1 32	22 33	0 12	21 5	0 6	24 59	1 7	5 16	1 10	4 5	2 35	18 21	0 48	23 42	0 38	20 33	0 22	18 38	18 14	20 53			n.a.
S 3	23 40	19 4	0 13	22 14	0 22	21 21	0 4	25 0	1 7	5 19	1 10	4 4	2 35	18 22	0 48	23 41	0 38	20 33	0 22	18 39	18 15	20 54			n.a.
S 4	23 44	16 9	1s 4	21 54	0 32	21 38	0 1	25 1	1 7	5 23	1 10	4 3	2 34	18 22	0 48	23 41	0 38	20 33	0 22	18 39	18 16	20 54			n.a.
M 5	23 47	12 21	2 16	21 34	0 42	21 53	0n 1	25 2	1 7	5 26	1 10	4 2	2 34	18 23	0 48	23 41	0 38	20 34	0 22	18 38	18 17	20 55			n.a.
T 6	23 49	8 1	3 18	21 14	0 52	22 8	0 4	25 2	1 7	5 30	1 11	4 1	2 34	18 23	0 48	23 41	0 38	20 34	0 22	18 38	18 18	20 55			n.a.
W 7	23 51	3 25	4 8	20 53	1 2	22 22	0 7	25 3	1 8	5 33	1 11	4 0	2 33	18 23	0 49	23 40	0 38	20 35	0 22	18 38	18 19	20 56			n.a.
T 8	23 53	1n12	4 43	20 32	1 12	22 36	0 9	25 3	1 8	5 36	1 11	3 59	2 33	18 24	0 49	23 40	0 38	20 35	0 22	18 38	18 19	20 56			n.a.
F 9	23 54	5 40	5 4	20 12	1 23	22 49	0 11	25 3	1 8	5 39	1 11	3 58	2 33	18 24	0 49	23 40	0 38	20 35	0 22	18 39	18 20	20 57			n.a.
S 10	23 55	9 49	5 10	19 51	1 34	23 1	0 14	25 3	1 8	5 42	1 11	3 57	2 33	18 25	0 49	23 40	0 38	20 36	0 22	18 40	18 21	20 57			n.a.
S 11	23 55	13 30	5 2	19 31	1 44	23 13	0 16	25 3	1 8	5 45	1 11	3 56	2 32	18 25	0 49	23 39	0 38	20 36	0 22	18 42	18 22	20 58			n.a.
M12	23 55	16 35	4 41	19 11	1 55	23 24	0 19	25 2	1 8	5 48	1 11	3 55	2 32	18 26	0 49	23 39	0 38	20 37	0 22	18 44	18 23	20 58			n.a.
T 13	23 55	18 57	4 7	18 51	2 6	23 35	0 21	25 2	1 8	5 51	1 11	3 53	2 32	18 26	0 49	23 39	0 38	20 37	0 22	18 46	18 24	20 59			n.a.
W14	23 54	20 30	3 23	18 32	2 17	23 44	0 24	25 1	1 9	5 54	1 12	3 52	2 32	18 27	0 49	23 39	0 38	20 37	0 22	18 47	18 25	20 59			n.a.
T 15	23 53	21 8	2 31	18 14	2 28	23 53	0 26	25 0	1 9	5 57	1 12	3 51	2 31	18 27	0 49	23 38	0 38	20 38	0 23	18 48	18 25	21 0			n.a.
F 16	23 51	20 50	1 31	17 56	2 38	24 1	0 28	24 58	1 9	6 0	1 12	3 50	2 31	18 28	0 49	23 38	0 38	20 38	0 23	18 49	18 26	21 0			n.a.
S 17	23 49	19 37	0 28	17 40	2 49	24 9	0 31	24 57	1 9	6 3	1 12	3 48	2 31	18 28	0 49	23 38	0 38	20 38	0 23	18 49	18 27	21 0			n.a.
S 18	23 46	17 32	0n37	17 25	2 59	24 16	0 33	24 55	1 9	6 5	1 12	3 47	2 31	18 29	0 49	23 38	0 38	20 39	0 23	18 49	18 28	21 1			n.a.
M19	23 43	14 39	1 42	17 11	3 9	24 22	0 35	24 53	1 9	6 8	1 12	3 46	2 30	18 30	0 49	23 37	0 38	20 39	0 23	18 49	18 29	21 1			n.a.
T 20	23 39	11 7	2 42	16 58	3 19	24 27	0 37	24 51	1 9	6 10	1 12	3 44	2 30	18 30	0 49	23 37	0 38	20 40	0 23	18 49	18 30	21 2			n.a.
W21	23 35	7 3	3 37	16 47	3 28	24 32	0 39	24 49	1 9	6 13	1 12	3 43	2 30	18 31	0 49	23 37	0 38	20 40	0 23	18 48	18 31	21 2			n.a.
T 22	23 31	2 34	4 22	16 38	3 37	24 36	0 42	24 46	1 9	6 15	1 13	3 41	2 30	18 31	0 49	23 37	0 38	20 40	0 23	18 48	18 31	21 3			n.a.
F 23	23 26	2s 9	4 55	16 31	3 45	24 39	0 44	24 44	1 10	6 18	1 13	3 40	2 29	18 32	0 49	23 36	0 38	20 41	0 23	18 48	18 32	21 3			n.a.
S 24	23 21	6 54	5 13	16 26	3 52	24 41	0 46	24 41	1 10	6 20	1 13	3 38	2 29	18 32	0 49	23 36	0 38	20 41	0 23	18 48	18 33	21 3			n.a.
S 25	23 15	11 27	5 13	16 23	3 58	24 43	0 48	24 38	1 10	6 22	1 13	3 37	2 29	18 33	0 49	23 36	0 38	20 41	0 23	18 49	18 34	21 4			n.a.
M26	23 9	15 30	4 53	16 23	4 3	24 44	0 50	24 35	1 10	6 24	1 13	3 35	2 29	18 34	0 49	23 36	0 38	20 42	0 23	18 50	18 35	21 4			n.a.
T 27	23 3	18 41	4 14	16 25	4 7	24 44	0 52	24 31	1 10	6 27	1 13	3 33	2 28	18 34	0 49	23 35	0 38	20 42	0 23	18 50	18 36	21 5			n.a.
W28	22 56	20 38	3 17	16 30	4 10	24 43	0 53	24 27	1 10	6 29	1 13	3 32	2 28	18 35	0 49	23 35	0 38	20 42	0 23	18 51	18 36	21 5			n.a.
T 29	22 48	21 7	2 5	16 38	4 11	24 41	0 55	24 24	1 10	6 31	1 14	3 30	2 28	18 35	0 49	23 35	0 38	20 43	0 24	18 52	18 37	21 5			n.a.
F 30	22 41	20 3	0 45	16 48	4 10	24 39	0 57	24 20	1 10	6 33	1 14	3 28	2 28	18 36	0 49	23 35	0 38	20 43	0 24	18 52	18 38	21 6			n.a.
S 31	22n32	17s34	0s38	17n 1	4s 8	24n36	0n59	24n15	1n10	6n34	1s14	3n26	2n27	18s37	0s49	23n34	0n38	20n43	0n24	18n52	18n39	21n 6			n.a.

Julian Day Number = 983068.5, Delta T = 13h11m30s
Ecliptic obliquity = 23°55'29, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'32, Lahiri = -31°49'31 Julian Calendar 1 July 2022 BCE == Greg. Calendar 14 June 2022 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

AUGUST 2022 BCE (-2021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 28 10	20♋ 1'01	28♒38	26°R38	10♋ 3	15♋22	19♈24	27♍ 7	10°R57	16♋ 4	29♉ 0	7♌ 8	7♌54	7♋47	n.a.	S 1
M 2	19 32 6	20°59'39	12♓53	25♋38	11°18	16° 1	19°29	27°11	10♒55	16° 6	29° 1	7°10	7°51	7°54	n.a.	M 2
T 3	19 36 3	21°58'19	26°40	24°35	12°33	16°39	19°33	27°15	10°53	16° 9	29° 2	7°11	7°48	8° 0	n.a.	T 3
W 4	19 39 59	22°57'01	10♈ 2	23°32	13°47	17°18	19°38	27°20	10°50	16°11	29° 3	7°12	7°45	8° 7	n.a.	W 4
T 5	19 43 56	23°55'46	22°58	22°29	15° 2	17°57	19°42	27°24	10°48	16°13	29° 4	7°R12	7°41	8°14	n.a.	T 5
F 6	19 47 53	24°54'33	5♉34	21°28	16°17	18°36	19°46	27°28	10°46	16°15	29° 5	7°12	7°38	8°20	n.a.	F 6
S 7	19 51 49	25°53'22	17°53	20°31	17°32	19°15	19°50	27°32	10°43	16°17	29° 6	7°11	7°35	8°27	n.a.	S 7
S 8	19 55 46	26°52'15	29°59	19°39	18°47	19°54	19°54	27°37	10°41	16°20	29° 7	7°10	7°32	8°34	n.a.	S 8
M 9	19 59 42	27°51'09	11♊55	18°54	20° 2	20°33	19°57	27°41	10°39	16°22	29° 8	7° 8	7°29	8°40	n.a.	M 9
T 10	20 3 39	28°50'06	23°46	18°16	21°17	21°12	20° 1	27°46	10°36	16°24	29° 9	7° 7	7°25	8°47	n.a.	T 10
W11	20 7 35	29°49'05	5♋34	17°47	22°32	21°51	20° 4	27°51	10°34	16°26	29°10	7° 6	7°22	8°54	n.a.	W11
T 12	20 11 32	0♌48'07	17°23	17°28	23°47	22°30	20° 7	27°55	10°32	16°28	29°11	7° 5	7°19	9° 0	n.a.	T 12
F 13	20 15 28	1°47'11	29°15	17°D18	25° 2	23° 9	20°10	28° 0	10°29	16°31	29°12	7° 5	7°16	9° 7	n.a.	F 13
S 14	20 19 25	2°46'17	11♌11	17°19	26°17	23°48	20°12	28° 5	10°27	16°33	29°13	7°D 5	7°13	9°14	n.a.	S 14
S 15	20 23 21	3°45'25	23°14	17°29	27°32	24°27	20°15	28°10	10°25	16°35	29°13	7° 5	7°10	9°20	n.a.	S 15
M16	20 27 18	4°44'35	5♍25	17°50	28°47	25° 6	20°17	28°15	10°22	16°37	29°14	7° 5	7° 6	9°27	n.a.	M16
T 17	20 31 15	5°43'48	17°48	18°20	0♌ 2	25°45	20°19	28°20	10°20	16°39	29°15	7° 6	7° 3	9°34	n.a.	T 17
W18	20 35 11	6°43'02	0♎24	19° 0	1°17	26°24	20°21	28°25	10°17	16°41	29°16	7°R 6	7° 0	9°40	n.a.	W18
T 19	20 39 8	7°42'18	13°15	19°48	2°32	27° 3	20°22	28°30	10°15	16°43	29°17	7° 6	6°57	9°47	n.a.	T 19
F 20	20 43 4	8°41'37	26°24	20°44	3°47	27°42	20°24	28°36	10°12	16°45	29°17	7° 6	6°54	9°54	n.a.	F 20
S 21	20 47 1	9°40'57	9♏53	21°48	5° 3	28°22	20°25	28°41	10°10	16°48	29°18	7°D 6	6°50	10° 0	n.a.	S 21
S 22	20 50 57	10°40'19	23°43	22°58	6°18	29° 1	20°26	28°46	10° 8	16°50	29°19	7° 6	6°47	10° 7	n.a.	S 22
M23	20 54 54	11°39'44	7♐54	24°14	7°33	29°40	20°27	28°52	10° 5	16°52	29°19	7° 6	6°44	10°14	n.a.	M23
T 24	20 58 50	12°39'10	22°25	25°35	8°48	0♌19	20°28	28°57	10° 3	16°54	29°20	7° 6	6°41	10°20	n.a.	T 24
W25	21 2 47	13°38'38	7♑12	27° 0	10° 4	0°59	20°28	29° 3	10° 0	16°56	29°21	7° 7	6°38	10°27	n.a.	W25
T 26	21 6 43	14°38'08	22° 9	28°29	11°19	1°38	20°28	29° 8	9°58	16°58	29°21	7° 7	6°35	10°34	n.a.	T 26
F 27	21 10 40	15°37'40	7♒ 8	0♌ 2	12°34	2°17	20°R28	29°14	9°56	17° 0	29°22	7°R 8	6°31	10°40	n.a.	F 27
S 28	21 14 37	16°37'15	22° 1	1°37	13°49	2°57	20°28	29°20	9°53	17° 2	29°22	7° 7	6°28	10°47	n.a.	S 28
S 29	21 18 33	17°36'51	6♓41	3°14	15° 5	3°36	20°28	29°25	9°51	17° 4	29°23	7° 7	6°25	10°54	n.a.	S 29
M30	21 22 30	18°36'30	21° 0	4°53	16°20	4°15	20°27	29°31	9°48	17° 6	29°23	7° 5	6°22	11° 0	n.a.	M30
T 31	21 26 26	19♌36'11	4♈55	6♌34	17♌35	4♌55	20♈27	29♍37	9♒46	17♋ 8	29♉24	7♌ 4	6♌19	11♋ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	22n24	14s 0	1s56	17n17	4s 3	24n32	1n 0	24n11	1n10	6n36	1s14	3n25	2n27	18s37	0s49	23n34	0n38	20n44	0n24	18n52	18n40	21n 7			n.a.
M 2	22 15	9 42	3 5	17 35	3 56	24 28	1 2	24 6	1 10	6 38	1 14	3 23	2 27	18 38	0 49	23 34	0 38	20 44	0 24	18 51	18 41	21 7			n.a.
T 3	22 5	5 1	4 1	17 54	3 48	24 23	1 4	24 2	1 11	6 40	1 14	3 21	2 27	18 39	0 49	23 34	0 38	20 44	0 24	18 51	18 41	21 7			n.a.
W 4	21 56	0 16	4 42	18 16	3 37	24 17	1 5	23 57	1 11	6 41	1 14	3 19	2 26	18 39	0 49	23 33	0 38	20 45	0 24	18 51	18 42	21 8			n.a.
T 5	21 45	4n22	5 7	18 39	3 25	24 10	1 7	23 52	1 11	6 43	1 15	3 17	2 26	18 40	0 49	23 33	0 38	20 45	0 24	18 51	18 43	21 8			n.a.
F 6	21 35	8 40	5 17	19 2	3 10	24 2	1 8	23 46	1 11	6 44	1 15	3 15	2 26	18 41	0 49	23 33	0 38	20 45	0 24	18 51	18 44	21 8			n.a.
S 7	21 24	12 32	5 12	19 27	2 55	23 54	1 10	23 41	1 11	6 45	1 15	3 13	2 26	18 41	0 49	23 33	0 38	20 45	0 24	18 51	18 45	21 9			n.a.
S 8	21 12	15 48	4 52	19 51	2 38	23 45	1 11	23 35	1 11	6 47	1 15	3 11	2 26	18 42	0 49	23 32	0 38	20 46	0 24	18 51	18 46	21 9			n.a.
M 9	21 1	18 22	4 21	20 16	2 19	23 35	1 12	23 29	1 11	6 48	1 15	3 9	2 25	18 43	0 49	23 32	0 38	20 46	0 24	18 52	18 46	21 9			n.a.
T 10	20 49	20 9	3 38	20 39	2 1	23 25	1 13	23 23	1 11	6 49	1 15	3 7	2 25	18 43	0 49	23 32	0 38	20 46	0 24	18 52	18 47	21 10			n.a.
W11	20 36	21 2	2 46	21 2	1 42	23 13	1 14	23 17	1 11	6 50	1 15	3 5	2 25	18 44	0 49	23 32	0 38	20 47	0 24	18 52	18 48	21 10			n.a.
T 12	20 23	21 0	1 47	21 24	1 22	23 1	1 16	23 10	1 11	6 51	1 16	3 3	2 25	18 45	0 49	23 31	0 38	20 47	0 25	18 52	18 49	21 10			n.a.
F 13	20 10	20 1	0 43	21 44	1 3	22 49	1 17	23 4	1 11	6 52	1 16	3 1	2 25	18 45	0 49	23 31	0 39	20 47	0 25	18 53	18 50	21 11			n.a.
S 14	19 56	18 8	0n23	22 3	0 45	22 35	1 18	22 57	1 11	6 53	1 16	2 59	2 24	18 46	0 49	23 31	0 39	20 47	0 25	18 53	18 51	21 11			n.a.
S 15	19 42	15 26	1 29	22 19	0 27	22 21	1 18	22 50	1 11	6 54	1 16	2 56	2 24	18 47	0 49	23 31	0 39	20 48	0 25	18 53	18 51	21 11			n.a.
M16	19 28	12 3	2 31	22 33	0 9	22 7	1 19	22 43	1 11	6 54	1 16	2 54	2 24	18 47	0 49	23 30	0 39	20 48	0 25	18 52	18 52	21 12			n.a.
T 17	19 13	8 5	3 28	22 45	0n 7	21 51	1 20	22 35	1 11	6 55	1 16	2 52	2 24	18 48	0 49	23 30	0 39	20 48	0 25	18 52	18 53	21 12			n.a.
W18	18 58	3 44	4 15	22 55	0 22	21 35	1 21	22 28	1 11	6 56	1 17	2 50	2 24	18 49	0 49	23 30	0 39	20 48	0 25	18 52	18 54	21 12			n.a.
T 19	18 43	0s53	4 51	23 2	0 36	21 19	1 21	22 20	1 11	6 56	1 17	2 47	2 23	18 49	0 49	23 30	0 39	20 49	0 25	18 52	18 55	21 12			n.a.
F 20	18 27	5 33	5 12	23 6	0 49	21 1	1 22	22 12	1 11	6 57	1 17	2 45	2 23	18 50	0 49	23 29	0 39	20 49	0 25	18 52	18 55	21 13			n.a.
S 21	18 11	10 3	5 18	23 7	1 1	20 44	1 23	22 4	1 11	6 57	1 17	2 43	2 23	18 51	0 49	23 29	0 39	20 49	0 25	18 52	18 56	21 13			n.a.
S 22	17 55	14 10	5 5	23 6	1 11	20 25	1 23	21 56	1 11	6 57	1 17	2 40	2 23	18 51	0 49	23 29	0 39	20 49	0 25	18 52	18 57	21 13			n.a.
M23	17 38	17 35	4 33	23 1	1 20	20 6	1 23	21 48	1 11	6 57	1 17	2 38	2 23	18 52	0 49	23 29	0 39	20 50	0 25	18 52	18 58	21 14			n.a.
T 24	17 21	19 59	3 44	22 54	1 28	19 46	1 24	21 39	1 11	6 58	1 17	2 36	2 22	18 53	0 49	23 28	0 39	20 50	0 25	18 52	18 59	21 14			n.a.
W25	17 4	21 5	2 39	22 44	1 35	19 26	1 24	21 30	1 11	6 58	1 18	2 33	2 22	18 53	0 49	23 28	0 39	20 50	0 26	18 52	19 0	21 14			n.a.
T 26	16 46	20 43	1 22	22 32	1 41	19 5	1 24	21 22	1 11	6 58	1 18	2 31	2 22	18 54	0 49	23 28	0 39	20 50	0 26	18 52	19 0	21 14			n.a.
F 27	16 28	18 52	0s 0	22 17	1 46	18 43	1 24	21 12	1 11	6 57	1 18	2 28	2 22	18 55	0 49	23 28	0 39	20 50	0 26	18 52	19 1	21 15			n.a.
S 28	16 10	15 44	1 22	21 59	1 50	18 22	1 24	21 3	1 11	6 57	1 18	2 26	2 22	18 55	0 49	23 27	0 39	20 51	0 26	18 52	19 2	21 15			n.a.
S 29	15 52	11 39	2 37	21 39	1 53	17 59	1 25	20 54	1 11	6 57	1 18	2 23	2 22	18 56	0 49	23 27	0 39	20 51	0 26	18 52	19 3	21 15			n.a.
M30	15 33	7 0	3 40	21 17	1 55	17 36	1 24	20 44	1 11	6 57	1 18	2 21	2 21	18 57	0 49	23 27	0 39	20 51	0 26	18 52	19 4	21 15			n.a.
T 31	15n14	2s 6	4s29	20n53	1n56	17n13	1n24	20n35	1n11	6n56	1s18	2n18	2n21	18s57	0s49	23n27	0n39	20n51	0n26	18n53	19n 4	21n16			n.a.

Julian Day Number = 983099.5, Delta T = 13h11m28s
Ecliptic obliquity = 23°55'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'27, Lahiri = -31°49'27 Julian Calendar 1 Aug. 2022 BCE == Greg. Calendar 15 July 2022 BCE

The year -2021 astronomical counting style corresponds to year 2022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

SEPTEMBER 2022 BCE (-2021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 30 23	20♌35'55	18♈24	8♌15	18♌51	5♌34	20°R26	29♍43	9°R44	17♋10	29♉24	7°R 2	6♌16	11♋13	n.a.	W 1
T 2	21 34 19	21°35'41	1♉27	9°57	20° 6	6°14	20♈25	29°49	9♒41	17°12	29°24	7♌ 1	6°12	11°20	n.a.	T 2
F 3	21 38 16	22°35'29	14° 7	11°40	21°22	6°53	20°23	29°55	9°39	17°14	29°25	7° 0	6° 9	11°27	n.a.	F 3
S 4	21 42 12	23°35'20	26°27	13°23	22°37	7°33	20°22	0♎ 1	9°37	17°15	29°25	7°D 0	6° 6	11°33	n.a.	S 4
S 5	21 46 9	24°35'13	8♊32	15° 6	23°52	8°12	20°20	0° 7	9°34	17°17	29°26	7° 0	6° 3	11°40	n.a.	S 5
M 6	21 50 5	25°35'09	20°27	16°49	25° 8	8°52	20°18	0°13	9°32	17°19	29°26	7° 1	6° 0	11°47	n.a.	M 6
T 7	21 54 2	26°35'07	2♋16	18°32	26°23	9°31	20°16	0°19	9°30	17°21	29°26	7° 3	5°56	11°53	n.a.	T 7
W 8	21 57 59	27°35'07	14° 4	20°15	27°39	10°11	20°13	0°26	9°27	17°23	29°26	7° 5	5°53	12° 0	n.a.	W 8
T 9	22 1 55	28°35'10	25°54	21°58	28°54	10°51	20°11	0°32	9°25	17°25	29°27	7° 6	5°50	12° 7	n.a.	T 9
F 10	22 5 52	29°35'15	7♌51	23°40	0♍10	11°30	20° 8	0°38	9°23	17°26	29°27	7°R 6	5°47	12°13	n.a.	F 10
S 11	22 9 48	0♍35'22	19°56	25°22	1°25	12°10	20° 5	0°44	9°21	17°28	29°27	7° 6	5°44	12°20	n.a.	S 11
S 12	22 13 45	1°35'31	2♍13	27° 4	2°41	12°50	20° 2	0°51	9°18	17°30	29°27	7° 4	5°41	12°27	n.a.	S 12
M13	22 17 41	2°35'42	14°41	28°45	3°56	13°30	19°59	0°57	9°16	17°32	29°27	7° 1	5°37	12°33	n.a.	M13
T 14	22 21 38	3°35'55	27°22	0♍25	5°12	14° 9	19°55	1° 4	9°14	17°33	29°27	6°57	5°34	12°40	n.a.	T 14
W15	22 25 34	4°36'10	10♎16	2° 5	6°27	14°49	19°51	1°10	9°12	17°35	29°27	6°52	5°31	12°47	n.a.	W15
T 16	22 29 31	5°36'27	23°24	3°45	7°43	15°29	19°48	1°17	9°10	17°37	29°27	6°47	5°28	12°53	n.a.	T 16
F 17	22 33 27	6°36'45	6♏45	5°24	8°58	16° 9	19°43	1°23	9° 8	17°38	29°R27	6°43	5°25	13° 0	n.a.	F 17
S 18	22 37 24	7°37'05	20°19	7° 3	10°14	16°49	19°39	1°30	9° 6	17°40	29°27	6°41	5°22	13° 7	n.a.	S 18
S 19	22 41 21	8°37'27	4♐ 6	8°41	11°29	17°29	19°35	1°36	9° 4	17°41	29°27	6°D40	5°18	13°13	n.a.	S 19
M20	22 45 17	9°37'50	18° 7	10°19	12°45	18° 9	19°30	1°43	9° 2	17°43	29°27	6°40	5°15	13°20	n.a.	M20
T 21	22 49 14	10°38'16	2♑19	11°56	14° 0	18°49	19°25	1°50	9° 0	17°44	29°27	6°41	5°12	13°27	n.a.	T 21
W22	22 53 10	11°38'42	16°42	13°33	15°16	19°29	19°20	1°56	8°58	17°46	29°27	6°43	5° 9	13°33	n.a.	W22
T 23	22 57 7	12°39'10	1♒13	15°10	16°31	20° 9	19°15	2° 3	8°56	17°47	29°27	6°R44	5° 6	13°40	n.a.	T 23
F 24	23 1 3	13°39'40	15°47	16°46	17°47	20°49	19°10	2°10	8°54	17°49	29°27	6°43	5° 2	13°47	n.a.	F 24
S 25	23 5 0	14°40'11	0♓20	18°21	19° 2	21°29	19° 4	2°17	8°52	17°50	29°27	6°41	4°59	13°53	n.a.	S 25
S 26	23 8 56	15°40'44	14°44	19°57	20°18	22° 9	18°59	2°23	8°50	17°52	29°27	6°37	4°56	14° 0	n.a.	S 26
M27	23 12 53	16°41'19	28°55	21°32	21°33	22°49	18°53	2°30	8°49	17°53	29°26	6°32	4°53	14° 7	n.a.	M27
T 28	23 16 50	17°41'55	12♈47	23° 6	22°49	23°29	18°47	2°37	8°47	17°54	29°26	6°25	4°50	14°13	n.a.	T 28
W29	23 20 46	18°42'34	26°16	24°41	24° 4	24° 9	18°41	2°44	8°45	17°56	29°26	6°17	4°47	14°20	n.a.	W29
T 30	23 24 43	19♍43'14	9♉22	26♍15	25♍20	24♌50	18♈35	2♎51	8♒43	17♋57	29♉26	6♌11	4♌43	14♋27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n55	2n44	5s 0	20n27	1n56	16n49	1n24	20n25	1n11	6n56	1s19	2n16	2n21	18s58	0s49	23n26	0n39	20n51	0n26	18n53	19n 5	21n16		n.a.
T 2	14 35	7 18	5 15	19 58	1 56	16 24	1 24	20 15	1 11	6 55	1 19	2 13	2 21	18 59	0 49	23 26	0 39	20 51	0 26	18 54	19 6	21 16		n.a.
F 3	14 16	11 24	5 14	19 29	1 55	15 59	1 24	20 5	1 11	6 55	1 19	2 11	2 21	18 59	0 49	23 26	0 39	20 52	0 26	18 54	19 7	21 16		n.a.
S 4	13 56	14 55	4 59	18 58	1 54	15 34	1 23	19 54	1 11	6 54	1 19	2 8	2 21	19 0	0 49	23 26	0 39	20 52	0 26	18 54	19 8	21 17		n.a.
S 5	13 35	17 44	4 30	18 25	1 52	15 8	1 23	19 44	1 11	6 53	1 19	2 6	2 21	19 0	0 49	23 26	0 39	20 52	0 26	18 54	19 8	21 17		n.a.
M 6	13 15	19 45	3 50	17 51	1 50	14 42	1 22	19 33	1 11	6 52	1 19	2 3	2 20	19 1	0 49	23 25	0 39	20 52	0 26	18 53	19 9	21 17		n.a.
T 7	12 54	20 53	3 1	17 16	1 47	14 15	1 22	19 22	1 11	6 51	1 19	2 0	2 20	19 2	0 49	23 25	0 39	20 52	0 27	18 53	19 10	21 17		n.a.
W 8	12 33	21 7	2 4	16 39	1 43	13 48	1 21	19 11	1 11	6 50	1 19	1 58	2 20	19 2	0 49	23 25	0 39	20 52	0 27	18 53	19 11	21 17		n.a.
T 9	12 12	20 23	1 2	16 2	1 40	13 21	1 20	19 0	1 11	6 49	1 19	1 55	2 20	19 3	0 49	23 25	0 39	20 52	0 27	18 52	19 12	21 18		n.a.
F 10	11 51	18 45	0n 4	15 24	1 36	12 53	1 20	18 49	1 11	6 48	1 20	1 52	2 20	19 3	0 49	23 24	0 39	20 53	0 27	18 52	19 12	21 18		n.a.
S 11	11 29	16 14	1 10	14 45	1 31	12 25	1 19	18 38	1 11	6 47	1 20	1 50	2 20	19 4	0 49	23 24	0 39	20 53	0 27	18 52	19 13	21 18		n.a.
S 12	11 7	12 59	2 14	14 6	1 27	11 56	1 18	18 26	1 11	6 45	1 20	1 47	2 20	19 5	0 49	23 24	0 39	20 53	0 27	18 53	19 14	21 18		n.a.
M13	10 45	9 6	3 12	13 25	1 22	11 27	1 17	18 14	1 11	6 44	1 20	1 44	2 20	19 5	0 49	23 24	0 39	20 53	0 27	18 54	19 15	21 18		n.a.
T 14	10 23	4 45	4 2	12 44	1 17	10 58	1 16	18 3	1 11	6 43	1 20	1 42	2 19	19 6	0 49	23 24	0 39	20 53	0 27	18 55	19 16	21 19		n.a.
W15	10 1	0 8	4 40	12 3	1 11	10 29	1 15	17 51	1 11	6 41	1 20	1 39	2 19	19 6	0 49	23 24	0 39	20 53	0 27	18 56	19 16	21 19		n.a.
T 16	9 38	4s34	5 5	11 21	1 6	9 59	1 14	17 38	1 11	6 40	1 20	1 36	2 19	19 7	0 49	23 23	0 39	20 53	0 27	18 57	19 17	21 19		n.a.
F 17	9 16	9 7	5 13	10 39	1 0	9 29	1 13	17 26	1 11	6 38	1 20	1 33	2 19	19 7	0 49	23 23	0 39	20 53	0 27	18 58	19 18	21 19		n.a.
S 18	8 53	13 18	5 4	9 56	0 54	8 59	1 12	17 14	1 11	6 36	1 20	1 31	2 19	19 8	0 49	23 23	0 39	20 53	0 27	18 59	19 19	21 19		n.a.
S 19	8 30	16 51	4 38	9 13	0 48	8 29	1 10	17 1	1 11	6 34	1 20	1 28	2 19	19 9	0 49	23 23	0 39	20 53	0 27	18 59	19 20	21 19		n.a.
M20	8 7	19 29	3 55	8 30	0 42	7 58	1 9	16 49	1 10	6 33	1 21	1 25	2 19	19 9	0 49	23 23	0 39	20 53	0 28	18 59	19 20	21 20		n.a.
T 21	7 44	20 57	2 57	7 47	0 36	7 27	1 8	16 36	1 10	6 31	1 21	1 22	2 19	19 10	0 49	23 22	0 39	20 53	0 28	18 59	19 21	21 20		n.a.
W22	7 20	21 5	1 47	7 3	0 30	6 56	1 6	16 23	1 10	6 29	1 21	1 20	2 19	19 10	0 49	23 22	0 39	20 54	0 28	18 58	19 22	21 20		n.a.
T 23	6 57	19 48	0 30	6 19	0 23	6 25	1 5	16 10	1 10	6 27	1 21	1 17	2 19	19 11	0 49	23 22	0 40	20 54	0 28	18 58	19 23	21 20		n.a.
F 24	6 33	17 13	0s49	5 35	0 17	5 53	1 3	15 57	1 10	6 24	1 21	1 14	2 18	19 11	0 49	23 22	0 40	20 54	0 28	18 58	19 24	21 20		n.a.
S 25	6 9	13 31	2 5	4 51	0 11	5 22	1 2	15 44	1 10	6 22	1 21	1 11	2 18	19 12	0 49	23 22	0 40	20 54	0 28	18 59	19 24	21 20		n.a.
S 26	5 45	9 4	3 12	4 7	0 4	4 50	1 0	15 30	1 10	6 20	1 21	1 8	2 18	19 12	0 49	23 22	0 40	20 54	0 28	19 0	19 25	21 20		n.a.
M27	5 21	4 11	4 6	3 23	0s 2	4 18	0 58	15 17	1 10	6 18	1 21	1 5	2 18	19 12	0 49	23 21	0 40	20 54	0 28	19 1	19 26	21 21		n.a.
T 28	4 57	0n48	4 44	2 39	0 9	3 46	0 57	15 3	1 10	6 15	1 21	1 3	2 18	19 13	0 49	23 21	0 40	20 54	0 28	19 3	19 27	21 21		n.a.
W29	4 33	5 37	5 5	1 55	0 15	3 14	0 55	14 50	1 10	6 13	1 21	1 0	2 18	19 13	0 49	23 21	0 40	20 54	0 28	19 5	19 27	21 21		n.a.
T 30	4n 9	10n 2	5s 9	1n11	0s22	2n42	0n53	14n36	1n 9	6n11	1s21	0n57	2n18	19s14	0s49	23n21	0n40	20n54	0n28	19n 6	19n28	21n21		n.a.

Julian Day Number = 983130.5, Delta T = 13h11m25s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'23, Lahiri = -31°49'23 Julian Calendar 1 Sept. 2022 BCE == Greg. Calendar 15 Aug. 2022 BCE

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

OCTOBER 2022 BCE (-2021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 28 39	20♍43'56	22♉ 5	27♍48	26♍35	25♌30	18°R28	2♎58	8°R42	17♋58	29°R25	6°R 5	4♌40	14♋33	n.a.	F 1
S 2	23 32 36	21°44'39	4♊28	29°22	27°51	26°10	18♈22	3° 4	8♒40	17°59	29♉25	6♌ 1	4°37	14°40	n.a.	S 2
S 3	23 36 32	22°45'25	16°34	0♎55	29° 6	26°51	18°15	3°11	8°39	18° 0	29°24	6° 0	4°34	14°47	n.a.	S 3
M 4	23 40 29	23°46'13	28°30	2°28	0♎22	27°31	18° 8	3°18	8°37	18° 2	29°24	5°D59	4°31	14°53	n.a.	M 4
T 5	23 44 25	24°47'02	10♋18	4° 1	1°37	28°11	18° 1	3°25	8°36	18° 3	29°24	6° 0	4°27	15° 0	n.a.	T 5
W 6	23 48 22	25°47'53	22° 7	5°33	2°53	28°52	17°54	3°32	8°34	18° 4	29°23	6° 2	4°24	15° 6	n.a.	W 6
T 7	23 52 18	26°48'46	3♌59	7° 5	4° 8	29°32	17°47	3°39	8°33	18° 5	29°23	6°R 3	4°21	15°13	n.a.	T 7
F 8	23 56 15	27°49'40	16° 0	8°37	5°24	0♍12	17°40	3°46	8°31	18° 6	29°22	6° 2	4°18	15°20	n.a.	F 8
S 9	0 0 12	28°50'36	28°14	10° 9	6°39	0°53	17°33	3°53	8°30	18° 7	29°22	5°59	4°15	15°26	n.a.	S 9
S 10	0 4 8	29°51'34	10♍43	11°41	7°55	1°33	17°25	4° 0	8°29	18° 8	29°21	5°54	4°12	15°33	n.a.	S 10
M11	0 8 5	0♎52'32	23°29	13°12	9°10	2°14	17°18	4° 7	8°28	18° 9	29°21	5°47	4° 8	15°40	n.a.	M11
T 12	0 12 1	1°53'32	6♎32	14°43	10°26	2°55	17°10	4°14	8°27	18°10	29°20	5°37	4° 5	15°46	n.a.	T 12
W13	0 15 58	2°54'34	19°51	16°14	11°41	3°35	17° 2	4°21	8°25	18°11	29°19	5°27	4° 2	15°53	n.a.	W13
T 14	0 19 54	3°55'36	3♏24	17°45	12°57	4°16	16°55	4°28	8°24	18°12	29°19	5°17	3°59	16° 0	n.a.	T 14
F 15	0 23 51	4°56'40	17° 8	19°15	14°12	4°56	16°47	4°35	8°23	18°12	29°18	5° 7	3°56	16° 6	n.a.	F 15
S 16	0 27 47	5°57'44	1♐ 0	20°45	15°28	5°37	16°39	4°42	8°22	18°13	29°17	5° 0	3°53	16°13	n.a.	S 16
S 17	0 31 44	6°58'50	14°58	22°14	16°43	6°18	16°31	4°49	8°21	18°14	29°17	4°55	3°49	16°20	n.a.	S 17
M18	0 35 41	7°59'56	29° 0	23°44	17°59	6°58	16°23	4°56	8°20	18°15	29°16	4°53	3°46	16°26	n.a.	M18
T 19	0 39 37	9° 1'03	13♑ 4	25°12	19°14	7°39	16°15	5° 3	8°20	18°15	29°15	4°D53	3°43	16°33	n.a.	T 19
W20	0 43 34	10° 2'11	27°11	26°40	20°29	8°20	16° 7	5°10	8°19	18°16	29°14	4°54	3°40	16°40	n.a.	W20
T 21	0 47 30	11° 3'19	11♒19	28° 8	21°45	9° 1	15°59	5°17	8°18	18°17	29°14	4°R54	3°37	16°46	n.a.	T 21
F 22	0 51 27	12° 4'28	25°26	29°34	23° 0	9°42	15°50	5°24	8°17	18°17	29°13	4°52	3°33	16°53	n.a.	F 22
S 23	0 55 23	13° 5'38	9♓30	1♏ 0	24°16	10°22	15°42	5°31	8°17	18°18	29°12	4°48	3°30	17° 0	n.a.	S 23
S 24	0 59 20	14° 6'48	23°29	2°25	25°31	11° 3	15°34	5°38	8°16	18°18	29°11	4°40	3°27	17° 6	n.a.	S 24
M25	1 3 16	15° 7'59	7♈18	3°48	26°46	11°44	15°26	5°45	8°15	18°19	29°10	4°30	3°24	17°13	n.a.	M25
T 26	1 7 13	16° 9'10	20°53	5°10	28° 2	12°25	15°18	5°52	8°15	18°19	29° 9	4°18	3°21	17°20	n.a.	T 26
W27	1 11 10	17°10'23	4♉11	6°30	29°17	13° 6	15° 9	5°59	8°15	18°19	29° 9	4° 6	3°18	17°26	n.a.	W27
T 28	1 15 6	18°11'36	17°11	7°49	0♏32	13°47	15° 1	6° 6	8°14	18°20	29° 8	3°53	3°14	17°33	n.a.	T 28
F 29	1 19 3	19°12'50	29°51	9° 5	1°47	14°28	14°53	6°12	8°14	18°20	29° 7	3°43	3°11	17°39	n.a.	F 29
S 30	1 22 59	20°14'05	12♊14	10°18	3° 3	15° 9	14°45	6°19	8°13	18°21	29° 6	3°34	3° 8	17°46	n.a.	S 30
S 31	1 26 56	21♎15'21	24♊20	11♏29	4♏18	15♍50	14♈37	6♎26	8♒13	18♋21	29♉ 5	3♌29	3♌ 5	17♋53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n45	13n52	4s58	0n28	0s28	2n10	0n51	14n22	1n 9	6n 8	1s21	0n54	2n18	19s14	0s49	23n21	0n40	20n54	0n28	19n 8	19n29	21n21		n.a.
S 2	3 20	17 0	4 32	0s16	0 35	1 37	0 49	14 8	1 9	6 6	1 21	0 51	2 18	19 15	0 49	23 21	0 40	20 54	0 28	19 9	19 30	21 21		n.a.
S 3	2 56	19 20	3 56	1 0	0 41	1 5	0 47	13 54	1 9	6 3	1 21	0 48	2 18	19 15	0 49	23 21	0 40	20 54	0 29	19 9	19 31	21 21		n.a.
M 4	2 31	20 46	3 9	1 43	0 47	0 33	0 45	13 39	1 9	6 0	1 21	0 46	2 18	19 15	0 49	23 20	0 40	20 54	0 29	19 9	19 31	21 21		n.a.
T 5	2 7	21 17	2 15	2 27	0 54	0 0	0 43	13 25	1 9	5 58	1 21	0 43	2 18	19 16	0 49	23 20	0 40	20 54	0 29	19 9	19 32	21 21		n.a.
W 6	1 42	20 51	1 15	3 10	1 0	0s32	0 41	13 10	1 9	5 55	1 21	0 40	2 18	19 16	0 49	23 20	0 40	20 54	0 29	19 9	19 33	21 21		n.a.
T 7	1 18	19 28	0 11	3 52	1 6	1 5	0 39	12 56	1 8	5 52	1 21	0 37	2 18	19 16	0 49	23 20	0 40	20 54	0 29	19 8	19 34	21 21		n.a.
F 8	0 53	17 13	0n53	4 35	1 12	1 37	0 37	12 41	1 8	5 49	1 21	0 34	2 18	19 17	0 49	23 20	0 40	20 54	0 29	19 9	19 34	21 22		n.a.
S 9	0 28	14 9	1 57	5 17	1 18	2 10	0 35	12 26	1 8	5 47	1 21	0 31	2 18	19 17	0 49	23 20	0 40	20 54	0 29	19 9	19 35	21 22		n.a.
S 10	0 3	10 23	2 55	5 59	1 23	2 42	0 33	12 12	1 8	5 44	1 21	0 28	2 17	19 17	0 49	23 20	0 40	20 54	0 29	19 11	19 36	21 22		n.a.
M11	0s21	6 5	3 46	6 40	1 29	3 14	0 31	11 57	1 8	5 41	1 21	0 26	2 17	19 18	0 48	23 20	0 40	20 53	0 29	19 12	19 37	21 22		n.a.
T 12	0 46	1 25	4 27	7 21	1 34	3 47	0 28	11 42	1 8	5 38	1 21	0 23	2 17	19 18	0 48	23 20	0 40	20 53	0 29	19 15	19 38	21 22		n.a.
W13	1 11	3s24	4 53	8 2	1 39	4 19	0 26	11 26	1 8	5 35	1 21	0 20	2 17	19 18	0 48	23 20	0 40	20 53	0 29	19 17	19 38	21 22		n.a.
T 14	1 35	8 8	5 4	8 42	1 44	4 51	0 24	11 11	1 7	5 32	1 21	0 17	2 17	19 18	0 48	23 19	0 40	20 53	0 29	19 20	19 39	21 22		n.a.
F 15	2 0	12 32	4 58	9 22	1 49	5 23	0 22	10 56	1 7	5 29	1 21	0 14	2 17	19 19	0 48	23 19	0 40	20 53	0 29	19 22	19 40	21 22		n.a.
S 16	2 25	16 18	4 34	10 0	1 54	5 55	0 19	10 40	1 7	5 26	1 21	0 11	2 17	19 19	0 48	23 19	0 40	20 53	0 30	19 24	19 41	21 22		n.a.
S 17	2 49	19 11	3 54	10 39	1 58	6 26	0 17	10 25	1 7	5 23	1 21	0 9	2 17	19 19	0 48	23 19	0 40	20 53	0 30	19 25	19 41	21 22		n.a.
M18	3 14	20 56	2 59	11 16	2 2	6 58	0 15	10 9	1 7	5 20	1 21	0 6	2 17	19 19	0 48	23 19	0 40	20 53	0 30	19 26	19 42	21 22		n.a.
T 19	3 39	21 23	1 54	11 53	2 6	7 29	0 12	9 54	1 6	5 17	1 21	0 3	2 17	19 20	0 48	23 19	0 40	20 53	0 30	19 26	19 43	21 22		n.a.
W20	4 3	20 29	0 41	12 29	2 9	8 1	0 10	9 38	1 6	5 14	1 20	0 0	2 17	19 20	0 48	23 19	0 40	20 53	0 30	19 26	19 44	21 22		n.a.
T 21	4 28	18 17	0s34	13 4	2 12	8 32	0 7	9 22	1 6	5 11	1 20	0s 3	2 17	19 20	0 48	23 19	0 40	20 53	0 30	19 26	19 44	21 22		n.a.
F 22	4 52	14 59	1 47	13 38	2 15	9 2	0 5	9 6	1 6	5 7	1 20	0 6	2 17	19 20	0 48	23 19	0 40	20 53	0 30	19 26	19 45	21 22		n.a.
S 23	5 16	10 50	2 53	14 11	2 17	9 33	0 3	8 50	1 6	5 4	1 20	0 8	2 17	19 20	0 48	23 19	0 41	20 53	0 30	19 27	19 46	21 22		n.a.
S 24	5 41	6 7	3 48	14 43	2 19	10 3	0 0	8 34	1 5	5 1	1 20	0 11	2 17	19 20	0 48	23 19	0 41	20 52	0 30	19 29	19 47	21 22		n.a.
M25	6 5	1 9	4 29	15 13	2 20	10 34	0s 2	8 18	1 5	4 58	1 20	0 14	2 17	19 20	0 48	23 19	0 41	20 52	0 30	19 31	19 47	21 22		n.a.
T 26	6 29	3n47	4 53	15 42	2 20	11 3	0 5	8 2	1 5	4 55	1 20	0 17	2 17	19 21	0 48	23 19	0 41	20 52	0 30	19 34	19 48	21 22		n.a.
W27	6 53	8 27	5 2	16 10	2 21	11 33	0 7	7 46	1 5	4 52	1 20	0 20	2 17	19 21	0 48	23 19	0 41	20 52	0 30	19 37	19 49	21 22		n.a.
T 28	7 16	12 37	4 54	16 36	2 20	12 2	0 10	7 29	1 4	4 49	1 20	0 22	2 17	19 21	0 48	23 19	0 41	20 52	0 30	19 40	19 50	21 22		n.a.
F 29	7 40	16 7	4 31	17 0	2 19	12 31	0 12	7 13	1 4	4 46	1 19	0 25	2 17	19 21	0 48	23 19	0 41	20 52	0 31	19 43	19 50	21 22		n.a.
S 30	8 4	18 49	3 56	17 22	2 17	13 0	0 14	6 57	1 4	4 43	1 19	0 28	2 17	19 21	0 48	23 19	0 41	20 52	0 31	19 45	19 51	21 22		n.a.
S 31	8s27	20n37	3s11	17s42	2s14	13s28	0s17	6n40	1n 4	4n40	1s19	0s31	2n17	19s21	0s48	23n19	0n41	20n51	0n31	19n46	19n52	21n22		n.a.

Julian Day Number = 983160.5, Delta T = 13h11m23s
Ecliptic obliquity = 23°55'31, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'19, Lahiri = -31°49'19 Julian Calendar 1 Oct. 2022 BCE == Greg. Calendar 14 Sept. 2022 BCE

The year -2021 astronomical counting style corresponds to year 2022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

NOVEMBER 2022 BCE (-2021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 30 52	22♎16'37	6♋16	12♏36	5♏33	16♍31	14°R29	6♎33	8°R13	18♋21	29°R 4	3°R25	3♌ 2	17♋59	n.a.	M 1
T 2	1 34 49	23°17'55	18° 5	13°38	6°49	17°12	14♈21	6°40	8♒13	18°21	29♉ 3	3♌24	2°59	18° 6	n.a.	T 2
W 3	1 38 46	24°19'13	29°52	14°36	8° 4	17°53	14°13	6°47	8°13	18°21	29° 2	3°24	2°55	18°13	n.a.	W 3
T 4	1 42 42	25°20'31	11♌45	15°29	9°19	18°35	14° 5	6°53	8°D13	18°22	29° 1	3°24	2°52	18°19	n.a.	T 4
F 5	1 46 39	26°21'51	23°47	16°15	10°34	19°16	13°57	7° 0	8°13	18°22	29° 0	3°23	2°49	18°26	n.a.	F 5
S 6	1 50 35	27°23'10	6♍ 4	16°54	11°50	19°57	13°49	7° 7	8°13	18°22	28°59	3°19	2°46	18°33	n.a.	S 6
S 7	1 54 32	28°24'31	18°40	17°25	13° 5	20°38	13°42	7°14	8°13	18°R22	28°57	3°13	2°43	18°39	n.a.	S 7
M 8	1 58 28	29°25'52	1♎39	17°47	14°20	21°20	13°34	7°20	8°13	18°22	28°56	3° 3	2°39	18°46	n.a.	M 8
T 9	2 2 25	0♏27'13	14°59	18° 0	15°35	22° 1	13°26	7°27	8°13	18°22	28°55	2°52	2°36	18°53	n.a.	T 9
W10	2 6 21	1°28'34	28°41	18°R 2	16°50	22°42	13°19	7°33	8°13	18°22	28°54	2°39	2°33	18°59	n.a.	W10
T 11	2 10 18	2°29'55	12♏40	17°53	18° 6	23°24	13°12	7°40	8°14	18°21	28°53	2°25	2°30	19° 6	n.a.	T 11
F 12	2 14 15	3°31'17	26°52	17°32	19°21	24° 5	13° 4	7°47	8°14	18°21	28°52	2°14	2°27	19°13	n.a.	F 12
S 13	2 18 11	4°32'39	11♐12	16°59	20°36	24°47	12°57	7°53	8°15	18°21	28°51	2° 4	2°24	19°19	n.a.	S 13
S 14	2 22 8	5°34'00	25°33	16°15	21°51	25°28	12°50	8° 0	8°15	18°21	28°49	1°58	2°20	19°26	n.a.	S 14
M15	2 26 4	6°35'21	9♑51	15°19	23° 6	26°10	12°43	8° 6	8°16	18°21	28°48	1°54	2°17	19°33	n.a.	M15
T 16	2 30 1	7°36'42	24° 3	14°15	24°21	26°51	12°37	8°12	8°16	18°20	28°47	1°53	2°14	19°39	n.a.	T 16
W17	2 33 57	8°38'02	8♒ 8	13° 3	25°36	27°33	12°30	8°19	8°17	18°20	28°46	1°53	2°11	19°46	n.a.	W17
T 18	2 37 54	9°39'22	22° 5	11°45	26°51	28°14	12°23	8°25	8°17	18°20	28°45	1°52	2° 8	19°52	n.a.	T 18
F 19	2 41 51	10°40'41	5♓54	10°24	28° 6	28°56	12°17	8°31	8°18	18°19	28°43	1°50	2° 4	19°59	n.a.	F 19
S 20	2 45 47	11°42'00	19°35	9° 3	29°21	29°37	12°11	8°38	8°19	18°19	28°42	1°46	2° 1	20° 6	n.a.	S 20
S 21	2 49 44	12°43'18	3♈ 7	7°45	0♐36	0♎19	12° 5	8°44	8°20	18°19	28°41	1°38	1°58	20°12	n.a.	S 21
M22	2 53 40	13°44'36	16°30	6°31	1°51	1° 1	11°59	8°50	8°21	18°18	28°40	1°28	1°55	20°19	n.a.	M22
T 23	2 57 37	14°45'53	29°41	5°24	3° 6	1°42	11°53	8°56	8°22	18°18	28°38	1°15	1°52	20°26	n.a.	T 23
W24	3 1 33	15°47'09	12♉40	4°25	4°21	2°24	11°47	9° 2	8°23	18°17	28°37	1° 2	1°49	20°32	n.a.	W24
T 25	3 5 30	16°48'26	25°24	3°35	5°36	3° 6	11°42	9° 8	8°24	18°16	28°36	0°49	1°45	20°39	n.a.	T 25
F 26	3 9 26	17°49'41	7♊54	2°55	6°51	3°47	11°36	9°14	8°25	18°16	28°35	0°37	1°42	20°46	n.a.	F 26
S 27	3 13 23	18°50'57	20°10	2°25	8° 6	4°29	11°31	9°20	8°26	18°15	28°33	0°28	1°39	20°52	n.a.	S 27
S 28	3 17 20	19°52'12	2♋13	2° 5	9°21	5°11	11°26	9°26	8°27	18°14	28°32	0°21	1°36	20°59	n.a.	S 28
M29	3 21 16	20°53'26	14° 7	1°54	10°36	5°53	11°22	9°32	8°28	18°14	28°31	0°18	1°33	21° 6	n.a.	M29
T 30	3 25 13	21♏54'40	25♋55	1°D52	11♐50	6♎35	11♈17	9♎38	8♒30	18♋13	28♉30	0°D16	1♌30	21♋12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s51	21n28	2s19	18s 0	2s10	13s56	0s19	6n24	1n 3	4n37	1s19	0s33	2n18	19s21	0s48	23n19	0n41	20n51	0n31	19n47	19n53	21n22		n.a.
T 2	9 14	21 21	1 20	18 15	2 6	14 24	0 22	6 7	1 3	4 34	1 19	0 36	2 18	19 21	0 48	23 19	0 41	20 51	0 31	19 47	19 53	21 22		n.a.
W 3	9 37	20 17	0 19	18 27	2 0	14 51	0 24	5 50	1 3	4 31	1 19	0 39	2 18	19 21	0 48	23 19	0 41	20 51	0 31	19 47	19 54	21 22		n.a.
T 4	10 0	18 19	0n44	18 36	1 53	15 18	0 26	5 34	1 2	4 28	1 18	0 41	2 18	19 21	0 48	23 19	0 41	20 51	0 31	19 47	19 55	21 22		n.a.
F 5	10 22	15 31	1 46	18 42	1 45	15 45	0 29	5 17	1 2	4 25	1 18	0 44	2 18	19 21	0 48	23 19	0 41	20 51	0 31	19 48	19 56	21 21		n.a.
S 6	10 45	12 0	2 44	18 45	1 35	16 11	0 31	5 0	1 2	4 22	1 18	0 47	2 18	19 21	0 48	23 19	0 41	20 51	0 31	19 49	19 56	21 21		n.a.
S 7	11 7	7 51	3 35	18 44	1 25	16 37	0 34	4 43	1 2	4 19	1 18	0 49	2 18	19 21	0 48	23 19	0 41	20 50	0 31	19 50	19 57	21 21		n.a.
M 8	11 30	3 15	4 17	18 38	1 13	17 2	0 36	4 26	1 1	4 16	1 18	0 52	2 18	19 21	0 47	23 19	0 41	20 50	0 31	19 52	19 58	21 21		n.a.
T 9	11 52	1s38	4 46	18 29	0 59	17 27	0 38	4 10	1 1	4 13	1 17	0 55	2 18	19 20	0 47	23 19	0 41	20 50	0 31	19 55	19 59	21 21		n.a.
W10	12 13	6 34	4 59	18 15	0 44	17 51	0 40	3 53	1 1	4 11	1 17	0 57	2 18	19 20	0 47	23 19	0 41	20 50	0 31	19 58	19 59	21 21		n.a.
T 11	12 35	11 16	4 55	17 57	0 28	18 15	0 43	3 36	1 0	4 8	1 17	1 0	2 18	19 20	0 47	23 19	0 41	20 50	0 31	20 1	20 0	21 21		n.a.
F 12	12 56	15 25	4 33	17 34	0 10	18 38	0 45	3 19	1 0	4 5	1 17	1 2	2 18	19 20	0 47	23 19	0 41	20 49	0 32	20 4	20 1	21 21		n.a.
S 13	13 18	18 43	3 54	17 6	0n 9	19 1	0 47	3 2	1 0	4 3	1 17	1 5	2 18	19 20	0 47	23 19	0 41	20 49	0 32	20 6	20 2	21 21		n.a.
S 14	13 39	20 52	2 59	16 35	0 29	19 23	0 49	2 44	0 59	4 0	1 16	1 7	2 18	19 20	0 47	23 19	0 41	20 49	0 32	20 8	20 2	21 21		n.a.
M15	13 59	21 40	1 54	15 59	0 49	19 45	0 51	2 27	0 59	3 58	1 16	1 10	2 18	19 20	0 47	23 19	0 41	20 49	0 32	20 8	20 3	21 21		n.a.
T 16	14 20	21 4	0 41	15 21	1 9	20 6	0 54	2 10	0 59	3 55	1 16	1 12	2 18	19 19	0 47	23 19	0 41	20 49	0 32	20 9	20 4	21 20		n.a.
W17	14 40	19 8	0s33	14 40	1 29	20 27	0 56	1 53	0 58	3 53	1 16	1 15	2 19	19 19	0 47	23 19	0 41	20 48	0 32	20 9	20 4	21 20		n.a.
T 18	15 0	16 5	1 45	13 58	1 48	20 47	0 58	1 36	0 58	3 50	1 15	1 17	2 19	19 19	0 47	23 20	0 41	20 48	0 32	20 9	20 5	21 20		n.a.
F 19	15 20	12 9	2 50	13 15	2 6	21 7	1 0	1 19	0 58	3 48	1 15	1 20	2 19	19 19	0 47	23 20	0 41	20 48	0 32	20 9	20 6	21 20		n.a.
S 20	15 39	7 37	3 44	12 34	2 22	21 25	1 2	1 2	0 57	3 46	1 15	1 22	2 19	19 19	0 47	23 20	0 42	20 48	0 32	20 10	20 7	21 20		n.a.
S 21	15 58	2 46	4 25	11 55	2 36	21 44	1 4	0 44	0 57	3 44	1 15	1 25	2 19	19 18	0 47	23 20	0 42	20 48	0 32	20 12	20 7	21 20		n.a.
M22	16 17	2n 9	4 51	11 20	2 48	22 1	1 6	0 27	0 56	3 42	1 14	1 27	2 19	19 18	0 47	23 20	0 42	20 47	0 32	20 14	20 8	21 20		n.a.
T 23	16 36	6 54	5 1	10 48	2 57	22 18	1 8	0 10	0 56	3 40	1 14	1 29	2 19	19 18	0 47	23 20	0 42	20 47	0 32	20 17	20 9	21 20		n.a.
W24	16 54	11 17	4 55	10 22	3 5	22 35	1 9	0s 7	0 56	3 38	1 14	1 32	2 19	19 17	0 47	23 20	0 42	20 47	0 32	20 20	20 10	21 19		n.a.
T 25	17 12	15 4	4 34	10 0	3 10	22 50	1 11	0 25	0 55	3 36	1 13	1 34	2 19	19 17	0 47	23 20	0 42	20 47	0 32	20 23	20 10	21 19		n.a.
F 26	17 29	18 7	4 0	9 43	3 13	23 5	1 13	0 42	0 55	3 34	1 13	1 36	2 19	19 17	0 47	23 20	0 42	20 47	0 33	20 26	20 11	21 19		n.a.
S 27	17 47	20 18	3 16	9 32	3 14	23 20	1 15	0 59	0 54	3 32	1 13	1 39	2 20	19 16	0 47	23 21	0 42	20 46	0 33	20 28	20 12	21 19		n.a.
S 28	18 4	21 31	2 23	9 26	3 13	23 33	1 16	1 17	0 54	3 30	1 13	1 41	2 20	19 16	0 47	23 21	0 42	20 46	0 33	20 29	20 12	21 19		n.a.
M29	18 20	21 45	1 25	9 24	3 11	23 46	1 18	1 34	0 54	3 29	1 12	1 43	2 20	19 16	0 47	23 21	0 42	20 46	0 33	20 30	20 13	21 19		n.a.
T 30	18s37	21n 1	0s23	9s26	3n 8	23s58	1s19	1s51	0n53	3n27	1s12	1s45	2n20	19s15	0s47	23n21	0n42	20n46	0n33	20n30	20n14	21n18		n.a.

Julian Day Number = 983191.5, Delta T = 13h11m21s
Ecliptic obliquity = 23°55'31, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'15, Lahiri = -31°49'14 Julian Calendar 1 Nov. 2022 BCE == Greg. Calendar 15 Oct. 2022 BCE

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ASTRODIENST EPHEMERIS for the year 2022 BCE
geocentric

DECEMBER 2022 BCE (-2021) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 29 9	22♏55'54	7♌42	1♏59	13♐ 5	7♎17	11°R13	9♎44	8♒31	18°R12	28°R28	0♌16	1♌26	21♋19	n.a.	W 1
T 2	3 33 6	23°57'07	19°33	2°13	14°20	7°59	11♈ 8	9°49	8°32	18♋11	28♉27	0°R17	1°23	21°26	n.a.	T 2
F 3	3 37 2	24°58'19	1♍34	2°35	15°35	8°41	11° 4	9°55	8°34	18°11	28°26	0°17	1°20	21°32	n.a.	F 3
S 4	3 40 59	25°59'31	13°49	3° 2	16°50	9°23	11° 0	10° 0	8°35	18°10	28°24	0°15	1°17	21°39	n.a.	S 4
S 5	3 44 56	27° 0'43	26°26	3°36	18° 4	10° 5	10°57	10° 6	8°37	18° 9	28°23	0°11	1°14	21°45	n.a.	S 5
M 6	3 48 52	28° 1'53	9♎26	4°15	19°19	10°47	10°53	10°11	8°38	18° 8	28°22	0° 5	1°10	21°52	n.a.	M 6
T 7	3 52 49	29° 3'03	22°52	4°59	20°34	11°29	10°50	10°17	8°40	18° 7	28°20	29♋56	1° 7	21°59	n.a.	T 7
W 8	3 56 45	0♐ 4'12	6♏45	5°47	21°49	12°11	10°47	10°22	8°42	18° 6	28°19	29°46	1° 4	22° 5	n.a.	W 8
T 9	4 0 42	1° 5'21	21° 2	6°39	23° 3	12°53	10°44	10°27	8°43	18° 5	28°18	29°36	1° 1	22°12	n.a.	T 9
F 10	4 4 38	2° 6'28	5♐36	7°35	24°18	13°35	10°41	10°33	8°45	18° 4	28°16	29°26	0°58	22°19	n.a.	F 10
S 11	4 8 35	3° 7'35	20°22	8°34	25°32	14°17	10°39	10°38	8°47	18° 3	28°15	29°19	0°55	22°25	n.a.	S 11
S 12	4 12 32	4° 8'40	5♑10	9°35	26°47	14°59	10°36	10°43	8°49	18° 2	28°14	29°14	0°51	22°32	n.a.	S 12
M13	4 16 28	5° 9'44	19°53	10°39	28° 2	15°41	10°34	10°48	8°50	18° 1	28°13	29°12	0°48	22°39	n.a.	M13
T 14	4 20 25	6°10'47	4♒26	11°46	29°16	16°24	10°32	10°53	8°52	18° 0	28°11	29°D12	0°45	22°45	n.a.	T 14
W15	4 24 21	7°11'47	18°44	12°55	0♑31	17° 6	10°30	10°58	8°54	17°59	28°10	29°12	0°42	22°52	n.a.	W15
T 16	4 28 18	8°12'47	2♓47	14° 6	1°45	17°48	10°29	11° 2	8°56	17°57	28° 9	29°R13	0°39	22°59	n.a.	T 16
F 17	4 32 14	9°13'44	16°32	15°18	3° 0	18°30	10°28	11° 7	8°58	17°56	28° 7	29°13	0°36	23° 5	n.a.	F 17
S 18	4 36 11	10°14'41	0♈ 2	16°32	4°14	19°13	10°27	11°12	9° 1	17°55	28° 6	29°11	0°32	23°12	n.a.	S 18
S 19	4 40 7	11°15'35	13°18	17°48	5°28	19°55	10°26	11°16	9° 3	17°54	28° 5	29° 7	0°29	23°19	n.a.	S 19
M20	4 44 4	12°16'28	26°20	19° 6	6°43	20°37	10°25	11°21	9° 5	17°53	28° 4	29° 1	0°26	23°25	n.a.	M20
T 21	4 48 1	13°17'19	9♉ 9	20°24	7°57	21°20	10°24	11°25	9° 7	17°51	28° 2	28°53	0°23	23°32	n.a.	T 21
W22	4 51 57	14°18'08	21°46	21°44	9°11	22° 2	10°24	11°30	9° 9	17°50	28° 1	28°44	0°20	23°38	n.a.	W22
T 23	4 55 54	15°18'56	4♊12	23° 5	10°26	22°44	10°D24	11°34	9°12	17°49	28° 0	28°36	0°16	23°45	n.a.	T 23
F 24	4 59 50	16°19'43	16°27	24°28	11°40	23°27	10°24	11°38	9°14	17°47	27°59	28°29	0°13	23°52	n.a.	F 24
S 25	5 3 47	17°20'28	28°32	25°51	12°54	24° 9	10°24	11°42	9°16	17°46	27°57	28°23	0°10	23°58	n.a.	S 25
S 26	5 7 43	18°21'11	10♋29	27°16	14° 8	24°52	10°25	11°47	9°19	17°45	27°56	28°19	0° 7	24° 5	n.a.	S 26
M27	5 11 40	19°21'53	22°20	28°41	15°22	25°34	10°26	11°51	9°21	17°43	27°55	28°17	0° 4	24°12	n.a.	M27
T 28	5 15 37	20°22'34	4♌ 7	0♐ 8	16°36	26°17	10°27	11°54	9°24	17°42	27°54	28°D17	0° 1	24°18	n.a.	T 28
W29	5 19 33	21°23'13	15°54	1°35	17°50	26°59	10°28	11°58	9°26	17°40	27°53	28°18	29♋57	24°25	n.a.	W29
T 30	5 23 30	22°23'50	27°45	3° 4	19° 4	27°42	10°29	12° 2	9°29	17°39	27°51	28°20	29°54	24°32	n.a.	T 30
F 31	5 27 26	23♐24'26	9♍45	4♐33	20♑18	28♎25	10♈31	12♎ 6	9♒31	17♋37	27♉50	28♋22	29♋51	24♋38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	18s53	19n21	0n40	9s33	3n 3	24s10	1s21	2s 8	0n53	3n26	1s12	1s47	2n20	19s15	0s47	23n21	0n42	20n45	0n33	20n30	20n15	21n18			n.a.
T 2	19 8	16 51	1 41	9 43	2 58	24 21	1 22	2 26	0 52	3 24	1 11	1 50	2 20	19 15	0 47	23 21	0 42	20 45	0 33	20 30	20 15	21 18			n.a.
F 3	19 24	13 36	2 39	9 56	2 52	24 31	1 24	2 43	0 52	3 23	1 11	1 52	2 20	19 14	0 47	23 21	0 42	20 45	0 33	20 30	20 16	21 18			n.a.
S 4	19 39	9 43	3 31	10 12	2 45	24 40	1 25	3 0	0 51	3 22	1 11	1 54	2 20	19 14	0 46	23 21	0 42	20 45	0 33	20 30	20 17	21 18			n.a.
S 5	19 53	5 19	4 14	10 30	2 38	24 48	1 26	3 18	0 51	3 20	1 10	1 56	2 21	19 13	0 46	23 22	0 42	20 45	0 33	20 31	20 17	21 17			n.a.
M 6	20 7	0 33	4 45	10 51	2 30	24 56	1 27	3 35	0 50	3 19	1 10	1 58	2 21	19 13	0 46	23 22	0 42	20 44	0 33	20 33	20 18	21 17			n.a.
T 7	20 21	4s24	5 2	11 13	2 22	25 3	1 28	3 52	0 50	3 18	1 10	2 0	2 21	19 12	0 46	23 22	0 42	20 44	0 33	20 35	20 19	21 17			n.a.
W 8	20 35	9 17	5 2	11 37	2 14	25 9	1 30	4 9	0 49	3 17	1 10	2 2	2 21	19 12	0 46	23 22	0 42	20 44	0 33	20 37	20 20	21 17			n.a.
T 9	20 48	13 49	4 44	12 3	2 5	25 15	1 31	4 26	0 49	3 16	1 9	2 4	2 21	19 11	0 46	23 22	0 42	20 44	0 33	20 39	20 20	21 16			n.a.
F 10	21 0	17 38	4 7	12 29	1 56	25 19	1 32	4 44	0 48	3 16	1 9	2 6	2 21	19 11	0 46	23 22	0 42	20 43	0 34	20 41	20 21	21 16			n.a.
S 11	21 12	20 22	3 13	12 57	1 48	25 23	1 32	5 1	0 48	3 15	1 9	2 8	2 21	19 10	0 46	23 23	0 42	20 43	0 34	20 42	20 22	21 16			n.a.
S 12	21 24	21 44	2 5	13 25	1 39	25 26	1 33	5 18	0 47	3 14	1 8	2 10	2 22	19 10	0 46	23 23	0 42	20 43	0 34	20 44	20 22	21 16			n.a.
M13	21 36	21 36	0 50	13 54	1 30	25 29	1 34	5 35	0 47	3 14	1 8	2 11	2 22	19 9	0 46	23 23	0 42	20 43	0 34	20 44	20 23	21 15			n.a.
T 14	21 47	20 0	0s28	14 23	1 21	25 30	1 35	5 52	0 46	3 13	1 8	2 13	2 22	19 9	0 46	23 23	0 42	20 42	0 34	20 44	20 24	21 15			n.a.
W15	21 57	17 9	1 43	14 53	1 12	25 31	1 35	6 9	0 46	3 13	1 7	2 15	2 22	19 8	0 46	23 23	0 42	20 42	0 34	20 44	20 25	21 15			n.a.
T 16	22 7	13 20	2 51	15 23	1 4	25 31	1 36	6 26	0 45	3 12	1 7	2 17	2 22	19 8	0 46	23 24	0 42	20 42	0 34	20 44	20 25	21 15			n.a.
F 17	22 17	8 53	3 47	15 53	0 55	25 30	1 36	6 43	0 45	3 12	1 7	2 19	2 22	19 7	0 46	23 24	0 42	20 42	0 34	20 44	20 26	21 14			n.a.
S 18	22 26	4 5	4 29	16 23	0 46	25 28	1 37	7 0	0 44	3 12	1 6	2 20	2 23	19 6	0 46	23 24	0 42	20 41	0 34	20 44	20 27	21 14			n.a.
S 19	22 35	0n49	4 57	16 53	0 38	25 26	1 37	7 16	0 43	3 12	1 6	2 22	2 23	19 6	0 46	23 24	0 42	20 41	0 34	20 45	20 27	21 14			n.a.
M20	22 43	5 35	5 8	17 23	0 29	25 22	1 38	7 33	0 43	3 12	1 6	2 24	2 23	19 5	0 46	23 24	0 42	20 41	0 34	20 46	20 28	21 14			n.a.
T 21	22 51	10 3	5 3	17 52	0 21	25 18	1 38	7 50	0 42	3 12	1 5	2 25	2 23	19 5	0 46	23 25	0 43	20 41	0 34	20 48	20 29	21 13			n.a.
W22	22 59	14 1	4 44	18 22	0 13	25 14	1 38	8 7	0 42	3 12	1 5	2 27	2 23	19 4	0 46	23 25	0 43	20 41	0 34	20 50	20 29	21 13			n.a.
T 23	23 6	17 18	4 11	18 51	0 5	25 8	1 38	8 23	0 41	3 13	1 5	2 28	2 23	19 3	0 46	23 25	0 43	20 40	0 34	20 51	20 30	21 13			n.a.
F 24	23 12	19 47	3 27	19 19	0s 3	25 2	1 38	8 40	0 40	3 13	1 4	2 30	2 24	19 3	0 46	23 25	0 43	20 40	0 34	20 53	20 31	21 12			n.a.
S 25	23 18	21 20	2 35	19 47	0 11	24 55	1 38	8 56	0 40	3 13	1 4	2 31	2 24	19 2	0 46	23 25	0 43	20 40	0 34	20 54	20 31	21 12			n.a.
S 26	23 24	21 55	1 35	20 14	0 18	24 47	1 38	9 13	0 39	3 14	1 4	2 33	2 24	19 1	0 46	23 26	0 43	20 40	0 35	20 55	20 32	21 12			n.a.
M27	23 29	21 30	0 32	20 41	0 26	24 38	1 38	9 29	0 38	3 14	1 4	2 34	2 24	19 1	0 46	23 26	0 43	20 39	0 35	20 55	20 33	21 11			n.a.
T 28	23 34	20 8	0n32	21 7	0 33	24 29	1 37	9 46	0 38	3 15	1 3	2 36	2 24	19 0	0 46	23 26	0 43	20 39	0 35	20 55	20 34	21 11			n.a.
W29	23 38	17 54	1 35	21 33	0 40	24 18	1 37	10 2	0 37	3 16	1 3	2 37	2 25	18 59	0 46	23 26	0 43	20 39	0 35	20 55	20 34	21 11			n.a.
T 30	23 42	14 54	2 34	21 57	0 46	24 8	1 36	10 18	0 36	3 17	1 3	2 38	2 25	18 58	0 46	23 26	0 43	20 39	0 35	20 55	20 35	21 11			n.a.
F 31	23s45	11n16	3n28	22s21	0s53	23s56	1s36	10s34	0n36	3n18	1s 2	2s40	2n25	18s58	0s46	23n27	0n43	20n39	0n35	20n54	20n36	21n10			n.a.

Julian Day Number = 983221.5, Delta T = 13h11m19s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'11, Lahiri = -31°49'10 Julian Calendar 1 Dec. 2022 BCE == Greg. Calendar 14 Nov. 2022 BCE

The year -2021 astronomical counting style corresponds to year 2022 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

JANUARY 2021 BCE (-2020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 31 23	24♐25'01	21♍59	6♐ 4	21♑32	29♎ 7	10♈32	12♎ 9	9♒34	17°R36	27°R49	28°R23	29♋48	24♋45	n.a.	S 1
S 2	5 35 19	25°25'34	4♎31	7°35	22°46	29°50	10°34	12°13	9°36	17♋34	27♉48	28♋22	29°45	24°52	n.a.	S 2
M 3	5 39 16	26°26'05	17°26	9° 7	24° 0	0♏32	10°36	12°16	9°39	17°33	27°47	28°21	29°42	24°58	n.a.	M 3
T 4	5 43 12	27°26'35	0♏48	10°40	25°14	1°15	10°39	12°19	9°42	17°31	27°46	28°17	29°38	25° 5	n.a.	T 4
W 5	5 47 9	28°27'04	14°39	12°15	26°28	1°58	10°41	12°23	9°45	17°30	27°45	28°13	29°35	25°12	n.a.	W 5
T 6	5 51 6	29°27'31	28°56	13°50	27°41	2°40	10°44	12°26	9°47	17°28	27°43	28° 9	29°32	25°18	n.a.	T 6
F 7	5 55 2	0♑27'56	13♐37	15°25	28°55	3°23	10°47	12°29	9°50	17°27	27°42	28° 5	29°29	25°25	n.a.	F 7
S 8	5 58 59	1°28'19	28°36	17° 2	0♒ 9	4° 6	10°50	12°32	9°53	17°25	27°41	28° 1	29°26	25°31	n.a.	S 8
S 9	6 2 55	2°28'41	13♑42	18°40	1°22	4°49	10°53	12°35	9°56	17°23	27°40	27°59	29°22	25°38	n.a.	S 9
M10	6 6 52	3°29'01	28°48	20°19	2°36	5°31	10°57	12°38	9°59	17°22	27°39	27°D59	29°19	25°45	n.a.	M10
T 11	6 10 48	4°29'18	13♒44	21°59	3°49	6°14	11° 0	12°40	10° 2	17°20	27°38	27°59	29°16	25°51	n.a.	T 11
W12	6 14 45	5°29'33	28°23	23°39	5° 3	6°57	11° 4	12°43	10° 5	17°19	27°37	28° 1	29°13	25°58	n.a.	W12
T 13	6 18 41	6°29'46	12♓41	25°21	6°16	7°40	11° 8	12°45	10° 7	17°17	27°36	28° 2	29°10	26° 5	n.a.	T 13
F 14	6 22 38	7°29'56	26°37	27° 4	7°29	8°23	11°12	12°48	10°10	17°15	27°35	28° 3	29° 7	26°11	n.a.	F 14
S 15	6 26 35	8°30'05	10♈ 9	28°48	8°43	9° 6	11°17	12°50	10°13	17°14	27°34	28°R 3	29° 3	26°18	n.a.	S 15
S 16	6 30 31	9°30'10	23°20	0♑33	9°56	9°48	11°21	12°52	10°16	17°12	27°33	28° 3	29° 0	26°25	n.a.	S 16
M17	6 34 28	10°30'14	6♉12	2°18	11° 9	10°31	11°26	12°55	10°20	17°10	27°32	28° 1	28°57	26°31	n.a.	M17
T 18	6 38 24	11°30'15	18°48	4° 5	12°22	11°14	11°31	12°57	10°23	17° 9	27°32	27°59	28°54	26°38	n.a.	T 18
W19	6 42 21	12°30'14	1♊10	5°53	13°35	11°57	11°36	12°59	10°26	17° 7	27°31	27°57	28°51	26°45	n.a.	W19
T 20	6 46 17	13°30'11	13°20	7°43	14°48	12°40	11°41	13° 0	10°29	17° 5	27°30	27°55	28°47	26°51	n.a.	T 20
F 21	6 50 14	14°30'05	25°22	9°33	16° 1	13°23	11°47	13° 2	10°32	17° 4	27°29	27°53	28°44	26°58	n.a.	F 21
S 22	6 54 10	15°29'58	7♋18	11°24	17°14	14° 6	11°52	13° 4	10°35	17° 2	27°28	27°51	28°41	27° 5	n.a.	S 22
S 23	6 58 7	16°29'48	19° 8	13°16	18°27	14°49	11°58	13° 5	10°38	17° 0	27°27	27°50	28°38	27°11	n.a.	S 23
M24	7 2 3	17°29'36	0♌56	15°10	19°40	15°32	12° 4	13° 7	10°41	16°59	27°27	27°D50	28°35	27°18	n.a.	M24
T 25	7 6 0	18°29'22	12°44	17° 4	20°52	16°15	12°10	13° 8	10°45	16°57	27°26	27°51	28°32	27°24	n.a.	T 25
W26	7 9 57	19°29'05	24°34	19° 0	22° 5	16°58	12°16	13°10	10°48	16°55	27°25	27°51	28°28	27°31	n.a.	W26
T 27	7 13 53	20°28'47	6♍29	20°56	23°17	17°41	12°22	13°11	10°51	16°54	27°24	27°52	28°25	27°38	n.a.	T 27
F 28	7 17 50	21°28'27	18°32	22°53	24°30	18°24	12°29	13°12	10°54	16°52	27°24	27°53	28°22	27°44	n.a.	F 28
S 29	7 21 46	22°28'05	0♎47	24°51	25°42	19° 7	12°36	13°13	10°58	16°50	27°23	27°54	28°19	27°51	n.a.	S 29
S 30	7 25 43	23°27'40	13°19	26°50	26°55	19°50	12°42	13°14	11° 1	16°49	27°22	27°54	28°16	27°58	n.a.	S 30
M31	7 29 39	24♑27'14	26♎10	28♑49	28♒ 7	20♏33	12♈49	13♎15	11♒ 4	16♋47	27♉22	27°R54	28♋13	28♋ 4	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s48	7n 6	4n13	22s43	0s59	23s44	1s35	10s50	0n35	3n18	1s 2	2s41	2n25	18s57	0s46	23n27	0n43	20n38	0n35	20n54	20n36	21n10		n.a.	S 1
S 2	23 51	2 33	4 47	23 5	1 5	23 31	1 35	11 6	0 34	3 20	1 2	2 42	2 25	18 56	0 46	23 27	0 43	20 38	0 35	20 54	20 37	21 9		n.a.	S 2
M 3	23 52	2s15	5 8	23 26	1 11	23 17	1 34	11 22	0 34	3 21	1 1	2 43	2 25	18 55	0 46	23 27	0 43	20 38	0 35	20 55	20 38	21 9		n.a.	M 3
T 4	23 54	7 6	5 13	23 46	1 16	23 3	1 33	11 38	0 33	3 22	1 1	2 44	2 26	18 55	0 46	23 28	0 43	20 38	0 35	20 55	20 38	21 9		n.a.	T 4
W 5	23 55	11 46	5 1	24 4	1 22	22 48	1 32	11 54	0 32	3 23	1 1	2 45	2 26	18 54	0 46	23 28	0 43	20 38	0 35	20 56	20 39	21 8		n.a.	W 5
T 6	23 55	15 57	4 30	24 21	1 27	22 32	1 31	12 9	0 31	3 25	1 0	2 46	2 26	18 53	0 45	23 28	0 43	20 37	0 35	20 57	20 40	21 8		n.a.	T 6
F 7	23 55	19 15	3 40	24 37	1 31	22 16	1 30	12 25	0 31	3 26	1 0	2 47	2 26	18 52	0 45	23 28	0 43	20 37	0 35	20 58	20 40	21 8		n.a.	F 7
S 8	23 55	21 20	2 35	24 52	1 36	21 59	1 29	12 40	0 30	3 27	1 0	2 48	2 27	18 52	0 45	23 28	0 43	20 37	0 35	20 59	20 41	21 7		n.a.	S 8
S 9	23 54	21 55	1 18	25 5	1 40	21 41	1 28	12 56	0 29	3 29	0 59	2 49	2 27	18 51	0 45	23 29	0 43	20 37	0 35	20 59	20 42	21 7		n.a.	S 9
M10	23 53	20 53	0s 4	25 17	1 43	21 23	1 27	13 11	0 28	3 31	0 59	2 50	2 27	18 50	0 45	23 29	0 43	20 37	0 35	20 59	20 42	21 7		n.a.	M10
T 11	23 51	18 24	1 26	25 27	1 47	21 4	1 25	13 26	0 28	3 32	0 59	2 51	2 27	18 49	0 45	23 29	0 43	20 36	0 36	20 59	20 43	21 6		n.a.	T 11
W12	23 48	14 46	2 40	25 36	1 50	20 45	1 24	13 41	0 27	3 34	0 59	2 52	2 27	18 48	0 45	23 29	0 43	20 36	0 36	20 59	20 44	21 6		n.a.	W12
T 13	23 46	10 21	3 42	25 43	1 52	20 25	1 22	13 56	0 26	3 36	0 58	2 53	2 28	18 47	0 45	23 30	0 43	20 36	0 36	20 58	20 44	21 5		n.a.	T 13
F 14	23 42	5 29	4 30	25 48	1 55	20 4	1 21	14 11	0 25	3 38	0 58	2 54	2 28	18 47	0 45	23 30	0 43	20 36	0 36	20 58	20 45	21 5		n.a.	F 14
S 15	23 39	0 30	5 1	25 52	1 57	19 43	1 19	14 26	0 24	3 40	0 58	2 54	2 28	18 46	0 45	23 30	0 43	20 36	0 36	20 58	20 46	21 5		n.a.	S 15
S 16	23 35	4n23	5 15	25 53	1 58	19 21	1 17	14 41	0 24	3 42	0 57	2 55	2 28	18 45	0 45	23 30	0 43	20 36	0 36	20 58	20 46	21 4		n.a.	S 16
M17	23 30	8 57	5 13	25 53	1 59	18 59	1 16	14 55	0 23	3 44	0 57	2 56	2 28	18 44	0 45	23 31	0 43	20 35	0 36	20 59	20 47	21 4		n.a.	M17
T 18	23 25	13 2	4 56	25 51	2 0	18 37	1 14	15 9	0 22	3 47	0 57	2 56	2 29	18 43	0 45	23 31	0 43	20 35	0 36	20 59	20 48	21 3		n.a.	T 18
W19	23 19	16 29	4 25	25 47	2 0	18 14	1 12	15 24	0 21	3 49	0 56	2 57	2 29	18 42	0 45	23 31	0 43	20 35	0 36	21 0	20 48	21 3		n.a.	W19
T 20	23 13	19 11	3 42	25 41	2 0	17 50	1 10	15 38	0 20	3 51	0 56	2 57	2 29	18 41	0 45	23 31	0 43	20 35	0 36	21 0	20 49	21 2		n.a.	T 20
F 21	23 7	21 0	2 51	25 33	1 59	17 26	1 8	15 52	0 19	3 54	0 56	2 58	2 29	18 41	0 45	23 31	0 43	20 35	0 36	21 0	20 50	21 2		n.a.	F 21
S 22	23 0	21 52	1 52	25 23	1 57	17 1	1 6	16 6	0 18	3 56	0 56	2 58	2 30	18 40	0 45	23 32	0 43	20 35	0 36	21 1	20 50	21 2		n.a.	S 22
S 23	22 53	21 44	0 48	25 10	1 56	16 36	1 3	16 20	0 18	3 59	0 55	2 59	2 30	18 39	0 45	23 32	0 43	20 35	0 36	21 1	20 51	21 1		n.a.	S 23
M24	22 45	20 38	0n17	24 55	1 53	16 11	1 1	16 33	0 17	4 1	0 55	2 59	2 30	18 38	0 45	23 32	0 43	20 35	0 36	21 1	20 52	21 1		n.a.	M24
T 25	22 37	18 38	1 22	24 38	1 50	15 45	0 59	16 47	0 16	4 4	0 55	2 59	2 30	18 37	0 45	23 32	0 43	20 34	0 36	21 1	20 52	21 0		n.a.	T 25
W26	22 29	15 51	2 23	24 19	1 47	15 19	0 56	17 0	0 15	4 7	0 55	3 0	2 30	18 36	0 45	23 33	0 43	20 34	0 36	21 1	20 53	21 0		n.a.	W26
T 27	22 20	12 23	3 19	23 57	1 43	14 53	0 54	17 14	0 14	4 9	0 54	3 0	2 31	18 35	0 45	23 33	0 43	20 34	0 36	21 0	20 54	20 59		n.a.	T 27
F 28	22 10	8 23	4 6	23 33	1 38	14 26	0 51	17 27	0 13	4 12	0 54	3 0	2 31	18 34	0 45	23 33	0 43	20 34	0 36	21 0	20 54	20 59		n.a.	F 28
S 29	22 1	4 0	4 43	23 7	1 33	13 58	0 49	17 40	0 12	4 15	0 54	3 0	2 31	18 33	0 45	23 33	0 43	20 34	0 37	21 0	20 55	20 58		n.a.	S 29
S 30	21 50	0s39	5 8	22 38	1 27	13 31	0 46	17 53	0 11	4 18	0 53	3 1	2 31	18 32	0 45	23 34	0 43	20 34	0 37	21 0	20 56	20 58		n.a.	S 30
M31	21s40	5s22	5n18	22s 7	1s20	13s 3	0s44	18s 5	0n10	4n21	0s53	3s 1	2n32	18s31	0s45	23n34	0n43	20n34	0n37	21n 0	20n56	20n57		n.a.	M31

Julian Day Number = 983252.5, Delta T = 13h11m17s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'07, Lahiri = -31°49'06 Julian Calendar 1 Jan. 2021 BCE == Greg. Calendar 15 Dec. 2022 BCE

The year -2020 astronomical counting style corresponds to year 2021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

FEBRUARY 2021 BCE (-2020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 33 36	25♉26'46	9♏25	0♒49	29♒19	21♏16	12♈56	13♎15	11♒ 8	16°R46	27°R21	27°R54	28♋ 9	28♋11	n.a.	T 1
W 2	7 37 32	26°26'16	23° 5	2°49	0♓31	21°59	13° 4	13°16	11°11	16♋44	27♉21	27♋54	28° 6	28°18	n.a.	W 2
T 3	7 41 29	27°25'44	7♐12	4°49	1°43	22°42	13°11	13°16	11°14	16°42	27°20	27°D54	28° 3	28°24	n.a.	T 3
F 4	7 45 26	28°25'11	21°44	6°48	2°55	23°25	13°19	13°17	11°18	16°41	27°19	27°54	28° 0	28°31	n.a.	F 4
S 5	7 49 22	29°24'35	6♉37	8°47	4° 7	24° 8	13°26	13°17	11°21	16°39	27°19	27°54	27°57	28°38	n.a.	S 5
S 6	7 53 19	0♒23'57	21°45	10°45	5°19	24°51	13°34	13°17	11°24	16°37	27°18	27°R54	27°53	28°44	n.a.	S 6
M 7	7 57 15	1°23'17	6♒57	12°42	6°31	25°34	13°42	13°R17	11°28	16°36	27°18	27°54	27°50	28°51	n.a.	M 7
T 8	8 1 12	2°22'35	22° 6	14°38	7°42	26°17	13°50	13°17	11°31	16°34	27°17	27°54	27°47	28°58	n.a.	T 8
W 9	8 5 8	3°21'50	7♓ 1	16°31	8°54	27° 1	13°59	13°17	11°34	16°33	27°17	27°53	27°44	29° 4	n.a.	W 9
T 10	8 9 5	4°21'03	21°36	18°22	10° 5	27°44	14° 7	13°17	11°38	16°31	27°17	27°52	27°41	29°11	n.a.	T 10
F 11	8 13 1	5°20'13	5♈46	20°11	11°17	28°27	14°16	13°17	11°41	16°29	27°16	27°52	27°38	29°17	n.a.	F 11
S 12	8 16 58	6°19'21	19°28	21°56	12°28	29°10	14°24	13°16	11°45	16°28	27°16	27°51	27°34	29°24	n.a.	S 12
S 13	8 20 54	7°18'26	2♉44	23°37	13°39	29°53	14°33	13°16	11°48	16°26	27°16	27°D51	27°31	29°31	n.a.	S 13
M14	8 24 51	8°17'29	15°36	25°14	14°50	0♐36	14°42	13°15	11°51	16°25	27°15	27°51	27°28	29°37	n.a.	M14
T 15	8 28 48	9°16'30	28° 8	26°47	16° 1	1°19	14°51	13°15	11°55	16°23	27°15	27°51	27°25	29°44	n.a.	T 15
W16	8 32 44	10°15'28	10♊23	28°15	17°12	2° 2	15° 0	13°14	11°58	16°22	27°15	27°52	27°22	29°51	n.a.	W16
T 17	8 36 41	11°14'23	22°25	29°38	18°23	2°45	15° 9	13°13	12° 2	16°20	27°14	27°53	27°19	29°57	n.a.	T 17
F 18	8 40 37	12°13'17	4♋19	0♓56	19°34	3°28	15°19	13°12	12° 5	16°19	27°14	27°55	27°15	0♌ 4	n.a.	F 18
S 19	8 44 34	13°12'07	16° 8	2° 8	20°44	4°11	15°28	13°11	12° 9	16°17	27°14	27°56	27°12	0°11	n.a.	S 19
S 20	8 48 30	14°10'56	27°55	3°14	21°55	4°55	15°38	13°10	12°12	16°16	27°14	27°R56	27° 9	0°17	n.a.	S 20
M21	8 52 27	15° 9'42	9♌43	4°15	23° 5	5°38	15°47	13° 8	12°15	16°15	27°14	27°56	27° 6	0°24	n.a.	M21
T 22	8 56 23	16° 8'26	21°34	5° 8	24°15	6°21	15°57	13° 7	12°19	16°13	27°14	27°54	27° 3	0°31	n.a.	T 22
W23	9 0 20	17° 7'08	3♍31	5°56	25°25	7° 4	16° 7	13° 6	12°22	16°12	27°14	27°52	26°59	0°37	n.a.	W23
T 24	9 4 16	18° 5'48	15°34	6°37	26°35	7°47	16°17	13° 4	12°26	16°10	27°14	27°49	26°56	0°44	n.a.	T 24
F 25	9 8 13	19° 4'26	27°47	7°12	27°45	8°30	16°27	13° 3	12°29	16° 9	27°13	27°46	26°53	0°51	n.a.	F 25
S 26	9 12 10	20° 3'02	10♎11	7°40	28°55	9°13	16°37	13° 1	12°32	16° 8	27°D13	27°42	26°50	0°57	n.a.	S 26
S 27	9 16 6	21° 1'36	22°49	8° 1	0♈ 5	9°56	16°48	12°59	12°36	16° 6	27°13	27°39	26°47	1° 4	n.a.	S 27
M28	9 20 3	22° 0'08	5♏43	8°16	1°14	10°39	16°58	12°57	12°39	16° 5	27°14	27°37	26°44	1°10	n.a.	M28
T 29	9 23 59	22♒58'38	18♏55	8♓25	2♈24	11♐22	17♈ 8	12♎55	12♒42	16♋ 4	27♉14	27°D36	26♋40	1♌17	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s29	10s 0	5n12	21s34	1s13	12s35	0s41	18s18	0n 9	4n24	0s53	3s 1	2n32	18s30	0s45	23n34	0n43	20n34	0n37	21n 0	20n57	20n57		n.a.
W 2	21 18	14 17	4 48	20 59	1 5	12 6	0 38	18 30	0 8	4 27	0 53	3 1	2 32	18 30	0 45	23 34	0 43	20 34	0 37	21 0	20 58	20 56		n.a.
T 3	21 6	17 54	4 6	20 22	0 57	11 37	0 35	18 42	0 7	4 30	0 52	3 1	2 32	18 29	0 45	23 34	0 43	20 33	0 37	21 0	20 58	20 56		n.a.
F 4	20 54	20 32	3 8	19 43	0 48	11 8	0 32	18 55	0 6	4 34	0 52	3 1	2 32	18 28	0 45	23 35	0 43	20 33	0 37	21 0	20 59	20 55		n.a.
S 5	20 41	21 50	1 56	19 2	0 38	10 39	0 29	19 6	0 5	4 37	0 52	3 1	2 33	18 27	0 45	23 35	0 43	20 33	0 37	21 0	21 0	20 55		n.a.
S 6	20 28	21 34	0 34	18 20	0 28	10 9	0 26	19 18	0 4	4 40	0 52	3 0	2 33	18 26	0 45	23 35	0 43	20 33	0 37	21 0	21 0	20 54		n.a.
M 7	20 15	19 43	0s50	17 37	0 17	9 40	0 23	19 30	0 3	4 44	0 51	3 0	2 33	18 25	0 45	23 35	0 43	20 33	0 37	21 0	21 1	20 54		n.a.
T 8	20 2	16 29	2 11	16 52	0 6	9 10	0 20	19 41	0 2	4 47	0 51	3 0	2 33	18 24	0 45	23 35	0 43	20 33	0 37	21 0	21 2	20 53		n.a.
W 9	19 48	12 12	3 21	16 7	0n 6	8 39	0 17	19 52	0 1	4 51	0 51	3 0	2 34	18 23	0 45	23 36	0 43	20 33	0 37	21 0	21 2	20 53		n.a.
T 10	19 34	7 18	4 16	15 21	0 18	8 9	0 14	20 4	0s 0	4 54	0 51	3 0	2 34	18 22	0 45	23 36	0 43	20 33	0 37	21 0	21 3	20 52		n.a.
F 11	19 19	2 9	4 55	14 34	0 30	7 38	0 10	20 14	0 1	4 58	0 50	2 59	2 34	18 21	0 45	23 36	0 43	20 33	0 37	21 1	21 3	20 52		n.a.
S 12	19 4	2n56	5 14	13 48	0 43	7 8	0 7	20 25	0 3	5 1	0 50	2 59	2 34	18 20	0 45	23 36	0 43	20 33	0 37	21 1	21 4	20 51		n.a.
S 13	18 49	7 43	5 17	13 3	0 56	6 37	0 4	20 36	0 4	5 5	0 50	2 59	2 34	18 19	0 45	23 36	0 43	20 33	0 37	21 1	21 5	20 50		n.a.
M14	18 34	12 1	5 3	12 18	1 9	6 6	0 0	20 46	0 5	5 9	0 50	2 58	2 35	18 18	0 45	23 37	0 43	20 33	0 37	21 1	21 5	20 50		n.a.
T 15	18 18	15 41	4 35	11 34	1 21	5 34	0n 3	20 56	0 6	5 12	0 49	2 58	2 35	18 17	0 45	23 37	0 43	20 33	0 37	21 1	21 6	20 49		n.a.
W16	18 2	18 35	3 54	10 51	1 34	5 3	0 7	21 6	0 7	5 16	0 49	2 57	2 35	18 16	0 45	23 37	0 43	20 33	0 37	21 1	21 7	20 49		n.a.
T 17	17 45	20 38	3 5	10 10	1 47	4 32	0 10	21 16	0 8	5 20	0 49	2 57	2 35	18 15	0 45	23 37	0 43	20 33	0 38	21 0	21 7	20 48		n.a.
F 18	17 29	21 44	2 7	9 31	1 59	4 0	0 14	21 26	0 9	5 24	0 49	2 56	2 35	18 14	0 45	23 37	0 43	20 33	0 38	21 0	21 8	20 48		n.a.
S 19	17 12	21 51	1 5	8 54	2 11	3 29	0 17	21 35	0 11	5 28	0 48	2 55	2 36	18 13	0 45	23 38	0 43	20 33	0 38	21 0	21 9	20 47		n.a.
S 20	16 54	21 0	0 0	8 19	2 22	2 57	0 21	21 44	0 12	5 32	0 48	2 55	2 36	18 12	0 45	23 38	0 43	20 33	0 38	21 0	21 9	20 46		n.a.
M21	16 37	19 13	1n 5	7 47	2 33	2 26	0 24	21 53	0 13	5 36	0 48	2 54	2 36	18 11	0 45	23 38	0 43	20 33	0 38	21 0	21 10	20 46		n.a.
T 22	16 19	16 36	2 7	7 18	2 43	1 54	0 28	22 2	0 14	5 40	0 48	2 53	2 36	18 10	0 45	23 38	0 43	20 33	0 38	21 0	21 10	20 45		n.a.
W23	16 1	13 16	3 4	6 51	2 52	1 22	0 32	22 11	0 15	5 44	0 48	2 53	2 37	18 9	0 45	23 38	0 43	20 33	0 38	21 1	21 11	20 45		n.a.
T 24	15 43	9 22	3 54	6 28	3 1	0 51	0 35	22 19	0 17	5 48	0 47	2 52	2 37	18 8	0 45	23 38	0 43	20 33	0 38	21 1	21 12	20 44		n.a.
F 25	15 24	5 3	4 33	6 8	3 8	0 19	0 39	22 28	0 18	5 52	0 47	2 51	2 37	18 7	0 45	23 39	0 43	20 33	0 38	21 2	21 12	20 43		n.a.
S 26	15 6	0 28	5 0	5 52	3 15	0n13	0 43	22 36	0 19	5 56	0 47	2 50	2 37	18 6	0 45	23 39	0 43	20 33	0 38	21 3	21 13	20 43		n.a.
S 27	14 47	4s12	5 14	5 38	3 20	0 44	0 46	22 44	0 20	6 1	0 47	2 49	2 37	18 5	0 45	23 39	0 43	20 33	0 38	21 3	21 14	20 42		n.a.
M28	14 27	8 48	5 12	5 29	3 25	1 16	0 50	22 51	0 22	6 5	0 47	2 48	2 37	18 4	0 45	23 39	0 43	20 33	0 38	21 4	21 14	20 42		n.a.
T 29	14s 8	13s 6	4n53	5s23	3n28	1n47	0n54	22s59	0s23	6n 9	0s46	2s47	2n38	18s 3	0s45	23n39	0n43	20n33	0n38	21n 4	21n15	20n41		n.a.

Julian Day Number = 983283.5, Delta T = 13h11m15s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°56'02, Lahiri = -31°49'02 Julian Calendar 1 Feb. 2021 BCE == Greg. Calendar 15 Jan. 2021 BCE

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

MARCH 2021 BCE (-2020) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 27 56	23♒57'07	2♐27	8°R27	3♈33	12♐ 5	17♈19	12°R53	12♒46	16°R 3	27♉14	27♋37	26♋37	1♌24	n.a.	W 1
T 2	9 31 52	24°55'34	16°22	8♓23	4°42	12°48	17°30	12♎51	12°49	16♋ 1	27°14	27°38	26°34	1°30	n.a.	T 2
F 3	9 35 49	25°53'59	0♑38	8°13	5°51	13°31	17°41	12°49	12°53	16° 0	27°14	27°39	26°31	1°37	n.a.	F 3
S 4	9 39 45	26°52'23	15°15	7°58	7° 0	14°14	17°51	12°46	12°56	15°59	27°14	27°40	26°28	1°44	n.a.	S 4
S 5	9 43 42	27°50'44	0♒ 8	7°38	8° 9	14°57	18° 2	12°44	12°59	15°58	27°14	27°R41	26°25	1°50	n.a.	S 5
M 6	9 47 38	28°49'04	15°11	7°12	9°17	15°40	18°13	12°41	13° 3	15°57	27°14	27°40	26°21	1°57	n.a.	M 6
T 7	9 51 35	29°47'22	0♓15	6°43	10°26	16°23	18°25	12°39	13° 6	15°56	27°15	27°37	26°18	2° 4	n.a.	T 7
W 8	9 55 32	0♓45'38	15°11	6°10	11°34	17° 6	18°36	12°36	13° 9	15°55	27°15	27°33	26°15	2°10	n.a.	W 8
T 9	9 59 28	1°43'52	29°52	5°34	12°42	17°49	18°47	12°34	13°12	15°54	27°15	27°28	26°12	2°17	n.a.	T 9
F 10	10 3 25	2°42'03	14♈ 9	4°56	13°50	18°32	18°58	12°31	13°16	15°52	27°16	27°23	26° 9	2°24	n.a.	F 10
S 11	10 7 21	3°40'13	28° 0	4°17	14°58	19°14	19°10	12°28	13°19	15°51	27°16	27°18	26° 5	2°30	n.a.	S 11
S 12	10 11 18	4°38'20	11♉23	3°36	16° 6	19°57	19°21	12°25	13°22	15°50	27°16	27°15	26° 2	2°37	n.a.	S 12
M13	10 15 14	5°36'26	24°20	2°56	17°14	20°40	19°33	12°22	13°25	15°50	27°17	27°12	25°59	2°43	n.a.	M13
T 14	10 19 11	6°34'29	6♊53	2°16	18°21	21°23	19°45	12°19	13°29	15°49	27°17	27°D12	25°56	2°50	n.a.	T 14
W15	10 23 7	7°32'30	19° 7	1°37	19°28	22° 5	19°56	12°16	13°32	15°48	27°17	27°12	25°53	2°57	n.a.	W15
T 16	10 27 4	8°30'29	1♋ 7	1° 1	20°35	22°48	20° 8	12°12	13°35	15°47	27°18	27°14	25°50	3° 3	n.a.	T 16
F 17	10 31 0	9°28'26	12°59	0°26	21°42	23°31	20°20	12° 9	13°38	15°46	27°18	27°15	25°46	3°10	n.a.	F 17
S 18	10 34 57	10°26'21	24°46	29♒56	22°49	24°13	20°32	12° 6	13°41	15°45	27°19	27°R16	25°43	3°17	n.a.	S 18
S 19	10 38 54	11°24'15	6♌33	29°28	23°55	24°56	20°44	12° 2	13°44	15°44	27°19	27°16	25°40	3°23	n.a.	S 19
M20	10 42 50	12°22'06	18°24	29° 5	25° 2	25°38	20°56	11°59	13°48	15°44	27°20	27°13	25°37	3°30	n.a.	M20
T 21	10 46 47	13°19'55	0♍21	28°45	26° 8	26°21	21° 8	11°55	13°51	15°43	27°21	27° 9	25°34	3°37	n.a.	T 21
W22	10 50 43	14°17'43	12°27	28°30	27°14	27° 3	21°20	11°52	13°54	15°42	27°21	27° 3	25°30	3°43	n.a.	W22
T 23	10 54 40	15°15'29	24°44	28°20	28°19	27°46	21°33	11°48	13°57	15°41	27°22	26°55	25°27	3°50	n.a.	T 23
F 24	10 58 36	16°13'13	7♎12	28°14	29°25	28°28	21°45	11°44	14° 0	15°41	27°22	26°46	25°24	3°57	n.a.	F 24
S 25	11 2 33	17°10'56	19°51	28°D13	0♏30	29°11	21°57	11°41	14° 3	15°40	27°23	26°37	25°21	4° 3	n.a.	S 25
S 26	11 6 29	18° 8'38	2♏44	28°16	1°35	29°53	22°10	11°37	14° 6	15°40	27°24	26°29	25°18	4°10	n.a.	S 26
M27	11 10 26	19° 6'18	15°49	28°25	2°40	0♑35	22°22	11°33	14° 9	15°39	27°24	26°23	25°15	4°17	n.a.	M27
T 28	11 14 22	20° 3'57	29° 8	28°38	3°45	1°18	22°35	11°29	14°12	15°39	27°25	26°19	25°11	4°23	n.a.	T 28
W29	11 18 19	21° 1'35	12♐41	28°55	4°49	2° 0	22°47	11°25	14°14	15°38	27°26	26°17	25° 8	4°30	n.a.	W29
T 30	11 22 16	21°59'11	26°29	29°17	5°53	2°42	23° 0	11°21	14°17	15°38	27°27	26°D17	25° 5	4°36	n.a.	T 30
F 31	11 26 12	22♓56'47	10♑34	29♒43	6♉57	3♑24	23♈13	11♎17	14♒20	15♋37	27♉27	26♋17	25♋ 2	4♌43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	13s48	16s51	4n19	5s20	3n30	2n19	0n58	23s 6	0s24	6n14	0s46	2s46	2n38	18s 2	0s45	23n39	0n43	20n33	0n38	21n 4	21n15	20n40			n.a.
T 2	13 29	19 46	3 28	5 21	3 30	2 50	1 1	23 13	0 25	6 18	0 46	2 45	2 38	18 1	0 45	23 40	0 43	20 33	0 38	21 3	21 16	20 40			n.a.
F 3	13 8	21 32	2 23	5 26	3 29	3 22	1 5	23 20	0 27	6 22	0 46	2 44	2 38	18 0	0 45	23 40	0 43	20 34	0 38	21 3	21 17	20 39			n.a.
S 4	12 48	21 55	1 8	5 34	3 26	3 53	1 9	23 26	0 28	6 27	0 45	2 43	2 38	18 0	0 45	23 40	0 43	20 34	0 38	21 3	21 17	20 38			n.a.
S 5	12 28	20 45	0s13	5 45	3 23	4 24	1 12	23 33	0 29	6 31	0 45	2 42	2 39	17 59	0 45	23 40	0 43	20 34	0 38	21 3	21 18	20 38			n.a.
M 6	12 7	18 7	1 35	6 0	3 17	4 55	1 16	23 39	0 31	6 36	0 45	2 41	2 39	17 58	0 45	23 40	0 43	20 34	0 38	21 3	21 19	20 37			n.a.
T 7	11 46	14 14	2 49	6 17	3 10	5 26	1 20	23 45	0 32	6 40	0 45	2 40	2 39	17 57	0 45	23 40	0 43	20 34	0 38	21 4	21 19	20 36			n.a.
W 8	11 26	9 29	3 51	6 37	3 2	5 57	1 24	23 50	0 34	6 45	0 45	2 39	2 39	17 56	0 45	23 40	0 43	20 34	0 39	21 4	21 20	20 36			n.a.
T 9	11 4	4 16	4 37	7 0	2 52	6 27	1 27	23 56	0 35	6 49	0 45	2 37	2 39	17 55	0 45	23 41	0 43	20 34	0 39	21 5	21 20	20 35			n.a.
F 10	10 43	1n 2	5 4	7 24	2 41	6 58	1 31	24 1	0 36	6 54	0 44	2 36	2 39	17 54	0 45	23 41	0 43	20 34	0 39	21 6	21 21	20 34			n.a.
S 11	10 22	6 8	5 12	7 50	2 29	7 28	1 35	24 6	0 38	6 58	0 44	2 35	2 39	17 53	0 45	23 41	0 43	20 34	0 39	21 7	21 22	20 34			n.a.
S 12	10 0	10 46	5 3	8 17	2 15	7 58	1 38	24 11	0 39	7 3	0 44	2 34	2 40	17 52	0 45	23 41	0 43	20 34	0 39	21 8	21 22	20 33			n.a.
M13	9 38	14 45	4 38	8 46	2 1	8 28	1 42	24 16	0 40	7 8	0 44	2 32	2 40	17 51	0 45	23 41	0 43	20 35	0 39	21 8	21 23	20 32			n.a.
T 14	9 17	17 57	4 0	9 14	1 46	8 57	1 46	24 20	0 42	7 12	0 44	2 31	2 40	17 50	0 45	23 41	0 43	20 35	0 39	21 9	21 23	20 32			n.a.
W15	8 55	20 16	3 13	9 43	1 31	9 27	1 49	24 24	0 43	7 17	0 43	2 30	2 40	17 49	0 45	23 41	0 43	20 35	0 39	21 9	21 24	20 31			n.a.
T 16	8 33	21 38	2 18	10 11	1 14	9 56	1 53	24 28	0 45	7 22	0 43	2 28	2 40	17 48	0 45	23 41	0 43	20 35	0 39	21 8	21 25	20 30			n.a.
F 17	8 10	22 0	1 17	10 38	0 58	10 25	1 56	24 32	0 46	7 26	0 43	2 27	2 40	17 47	0 45	23 41	0 43	20 35	0 39	21 8	21 25	20 29			n.a.
S 18	7 48	21 23	0 14	11 5	0 42	10 54	2 0	24 35	0 48	7 31	0 43	2 25	2 40	17 46	0 45	23 41	0 43	20 35	0 39	21 8	21 26	20 29			n.a.
S 19	7 26	19 49	0n50	11 30	0 25	11 22	2 3	24 39	0 49	7 36	0 43	2 24	2 41	17 46	0 45	23 42	0 43	20 36	0 39	21 8	21 26	20 28			n.a.
M20	7 3	17 24	1 52	11 53	0 9	11 50	2 7	24 42	0 51	7 41	0 43	2 22	2 41	17 45	0 45	23 42	0 43	20 36	0 39	21 8	21 27	20 27			n.a.
T 21	6 41	14 12	2 49	12 15	0s 7	12 18	2 10	24 45	0 52	7 45	0 42	2 21	2 41	17 44	0 45	23 42	0 43	20 36	0 39	21 9	21 28	20 26			n.a.
W22	6 18	10 24	3 40	12 35	0 22	12 46	2 13	24 47	0 54	7 50	0 42	2 19	2 41	17 43	0 45	23 42	0 43	20 36	0 39	21 10	21 28	20 26			n.a.
T 23	5 55	6 6	4 20	12 52	0 37	13 13	2 17	24 50	0 55	7 55	0 42	2 18	2 41	17 42	0 45	23 42	0 43	20 36	0 39	21 12	21 29	20 25			n.a.
F 24	5 33	1 30	4 49	13 8	0 52	13 40	2 20	24 52	0 57	8 0	0 42	2 16	2 41	17 41	0 45	23 42	0 43	20 37	0 39	21 14	21 29	20 24			n.a.
S 25	5 10	3s14	5 5	13 21	1 5	14 6	2 23	24 54	0 58	8 5	0 42	2 15	2 41	17 40	0 45	23 42	0 43	20 37	0 39	21 15	21 30	20 23			n.a.
S 26	4 47	7 54	5 5	13 32	1 18	14 32	2 26	24 55	1 0	8 10	0 42	2 13	2 41	17 39	0 45	23 42	0 43	20 37	0 39	21 17	21 31	20 23			n.a.
M27	4 24	12 17	4 50	13 41	1 31	14 58	2 29	24 57	1 1	8 15	0 41	2 11	2 41	17 39	0 45	23 42	0 43	20 37	0 39	21 18	21 31	20 22			n.a.
T 28	4 1	16 10	4 18	13 47	1 42	15 24	2 32	24 58	1 3	8 19	0 41	2 10	2 41	17 38	0 45	23 42	0 43	20 37	0 40	21 19	21 32	20 21			n.a.
W29	3 38	19 16	3 32	13 51	1 53	15 49	2 35	24 59	1 5	8 24	0 41	2 8	2 42	17 37	0 46	23 42	0 43	20 38	0 40	21 19	21 32	20 20			n.a.
T 30	3 14	21 20	2 33	13 52	2 3	16 14	2 38	25 0	1 6	8 29	0 41	2 7	2 42	17 36	0 46	23 42	0 43	20 38	0 40	21 19	21 33	20 20			n.a.
F 31	2s51	22s 7	1n23	13s51	2s12	16n38	2n41	25s 1	1s 8	8n34	0s41	2s 5	2n42	17s35	0s46	23n42	0n43	20n38	0n40	21n19	21n34	20n19			n.a.

Julian Day Number = 983312.5, Delta T = 13h11m13s
Ecliptic obliquity = 23°55'31, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'59, Lahiri = -31°48'58 Julian Calendar 1 March 2021 BCE == Greg. Calendar 13 Feb. 2021 BCE

The year -2020 astronomical counting style corresponds to year 2021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

APRIL 2021 BCE (-2020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 30 9	23♓54'21	24♑53	0♓14	8♉ 1	4♑ 6	23♈25	11°R13	14♒23	15°R37	27♉28	26°R18	24♋59	4♌50	n.a.	S 1
S 2	11 34 5	24°51'54	9♒25	0°48	9° 4	4°48	23°38	11♎ 9	14°26	15♋36	27°29	26♋17	24°56	4°56	n.a.	S 2
M 3	11 38 2	25°49'26	24° 7	1°27	10° 7	5°30	23°51	11° 5	14°29	15°36	27°30	26°15	24°52	5° 3	n.a.	M 3
T 4	11 41 58	26°46'57	8♓53	2° 9	11°10	6°12	24° 4	11° 1	14°31	15°36	27°31	26° 9	24°49	5°10	n.a.	T 4
W 5	11 45 55	27°44'27	23°35	2°55	12°12	6°54	24°17	10°57	14°34	15°35	27°32	26° 2	24°46	5°16	n.a.	W 5
T 6	11 49 51	28°41'55	8♈ 6	3°44	13°15	7°35	24°30	10°52	14°37	15°35	27°33	25°53	24°43	5°23	n.a.	T 6
F 7	11 53 48	29°39'22	22°19	4°37	14°17	8°17	24°43	10°48	14°39	15°35	27°34	25°43	24°40	5°30	n.a.	F 7
S 8	11 57 45	0♈36'48	6♉ 8	5°34	15°18	8°59	24°56	10°44	14°42	15°35	27°35	25°33	24°36	5°36	n.a.	S 8
S 9	12 1 41	1°34'12	19°32	6°33	16°20	9°40	25° 9	10°39	14°45	15°35	27°36	25°25	24°33	5°43	n.a.	S 9
M10	12 5 38	2°31'36	2♊31	7°36	17°21	10°22	25°22	10°35	14°47	15°35	27°37	25°19	24°30	5°50	n.a.	M10
T 11	12 9 34	3°28'57	15° 6	8°42	18°22	11° 3	25°35	10°31	14°50	15°34	27°38	25°16	24°27	5°56	n.a.	T 11
W12	12 13 31	4°26'18	27°22	9°50	19°22	11°44	25°48	10°26	14°52	15°34	27°39	25°14	24°24	6° 3	n.a.	W12
T 13	12 17 27	5°23'37	9♋23	11° 2	20°22	12°25	26° 2	10°22	14°55	15°D34	27°40	25°D14	24°21	6°10	n.a.	T 13
F 14	12 21 24	6°20'55	21°15	12°17	21°22	13° 7	26°15	10°18	14°57	15°34	27°41	25°R14	24°17	6°16	n.a.	F 14
S 15	12 25 20	7°18'11	3♌ 2	13°34	22°21	13°48	26°28	10°13	14°59	15°34	27°42	25°14	24°14	6°23	n.a.	S 15
S 16	12 29 17	8°15'26	14°51	14°54	23°20	14°29	26°41	10° 9	15° 2	15°34	27°43	25°12	24°11	6°29	n.a.	S 16
M17	12 33 14	9°12'40	26°46	16°17	24°18	15° 9	26°55	10° 5	15° 4	15°35	27°44	25° 8	24° 8	6°36	n.a.	M17
T 18	12 37 10	10° 9'53	8♍51	17°43	25°16	15°50	27° 8	10° 0	15° 6	15°35	27°45	25° 2	24° 5	6°43	n.a.	T 18
W19	12 41 7	11° 7'05	21° 7	19°11	26°14	16°31	27°21	9°56	15° 9	15°35	27°46	24°53	24° 1	6°49	n.a.	W19
T 20	12 45 3	12° 4'16	3♎38	20°42	27°11	17°12	27°35	9°51	15°11	15°35	27°48	24°42	23°58	6°56	n.a.	T 20
F 21	12 49 0	13° 1'27	16°23	22°16	28° 8	17°52	27°48	9°47	15°13	15°35	27°49	24°30	23°55	7° 3	n.a.	F 21
S 22	12 52 56	13°58'36	29°23	23°52	29° 4	18°33	28° 2	9°43	15°15	15°36	27°50	24°17	23°52	7° 9	n.a.	S 22
S 23	12 56 53	14°55'45	12♏36	25°31	29°59	19°13	28°15	9°38	15°17	15°36	27°51	24° 6	23°49	7°16	n.a.	S 23
M24	13 0 49	15°52'53	26° 1	27°12	0♊55	19°53	28°29	9°34	15°19	15°36	27°52	23°57	23°46	7°23	n.a.	M24
T 25	13 4 46	16°50'01	9♐37	28°56	1°50	20°33	28°42	9°29	15°21	15°37	27°54	23°51	23°42	7°29	n.a.	T 25
W26	13 8 43	17°47'08	23°21	0♈43	2°44	21°13	28°56	9°25	15°23	15°37	27°55	23°47	23°39	7°36	n.a.	W26
T 27	13 12 39	18°44'15	7♑14	2°32	3°38	21°53	29° 9	9°21	15°25	15°37	27°56	23°45	23°36	7°43	n.a.	T 27
F 28	13 16 36	19°41'22	21°15	4°24	4°31	22°33	29°23	9°17	15°27	15°38	27°58	23°45	23°33	7°49	n.a.	F 28
S 29	13 20 32	20°38'29	5♒24	6°18	5°23	23°13	29°36	9°12	15°29	15°38	27°59	23°45	23°30	7°56	n.a.	S 29
S 30	13 24 29	21♈35'35	19♒40	8♈14	6♊15	23♑52	29♈50	9♎ 8	15♒31	15♋39	28♉ 0	23♋44	23♋27	8♌ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s28	21s28	0n 8	13s48	2s20	17n 2	2n43	25s 1	1s 9	8n39	0s41	2s 3	2n42	17s34	0s46	23n42	0n43	20n38	0n40	21n19	21n34	20n18		n.a.
S 2	2 5	19 23	1s10	13 42	2 28	17 25	2 46	25 1	1 11	8 44	0 40	2 2	2 42	17 34	0 46	23 42	0 43	20 39	0 40	21 19	21 35	20 17		n.a.
M 3	1 42	16 0	2 23	13 34	2 34	17 48	2 49	25 1	1 13	8 49	0 40	2 0	2 42	17 33	0 46	23 42	0 43	20 39	0 40	21 20	21 35	20 16		n.a.
T 4	1 18	11 35	3 27	13 24	2 40	18 11	2 51	25 1	1 14	8 54	0 40	1 58	2 42	17 32	0 46	23 42	0 43	20 39	0 40	21 21	21 36	20 16		n.a.
W 5	0 55	6 31	4 17	13 12	2 45	18 33	2 53	25 0	1 16	8 59	0 40	1 56	2 42	17 31	0 46	23 42	0 43	20 39	0 40	21 22	21 36	20 15		n.a.
T 6	0 32	1 9	4 50	12 57	2 49	18 55	2 56	25 0	1 17	9 4	0 40	1 55	2 42	17 30	0 46	23 42	0 43	20 40	0 40	21 24	21 37	20 14		n.a.
F 7	0 8	4n10	5 3	12 41	2 53	19 16	2 58	24 59	1 19	9 9	0 40	1 53	2 42	17 30	0 46	23 43	0 43	20 40	0 40	21 26	21 38	20 13		n.a.
S 8	0n15	9 9	4 59	12 22	2 55	19 37	3 0	24 57	1 21	9 14	0 40	1 51	2 42	17 29	0 46	23 43	0 43	20 40	0 40	21 28	21 38	20 12		n.a.
S 9	0 38	13 31	4 38	12 1	2 57	19 57	3 2	24 56	1 22	9 19	0 39	1 50	2 42	17 28	0 46	23 43	0 43	20 40	0 40	21 29	21 39	20 11		n.a.
M10	1 1	17 7	4 3	11 38	2 58	20 17	3 4	24 55	1 24	9 24	0 39	1 48	2 42	17 27	0 46	23 43	0 43	20 41	0 40	21 30	21 39	20 11		n.a.
T 11	1 25	19 49	3 17	11 14	2 59	20 37	3 6	24 53	1 26	9 29	0 39	1 46	2 42	17 27	0 46	23 43	0 43	20 41	0 40	21 31	21 40	20 10		n.a.
W12	1 48	21 31	2 23	10 47	2 58	20 55	3 7	24 51	1 28	9 34	0 39	1 44	2 42	17 26	0 46	23 43	0 43	20 41	0 40	21 31	21 40	20 9		n.a.
T 13	2 11	22 12	1 24	10 18	2 58	21 14	3 9	24 49	1 29	9 39	0 39	1 43	2 42	17 25	0 46	23 43	0 43	20 42	0 40	21 31	21 41	20 8		n.a.
F 14	2 34	21 52	0 21	9 47	2 56	21 31	3 10	24 46	1 31	9 44	0 39	1 41	2 42	17 25	0 46	23 42	0 43	20 42	0 40	21 31	21 42	20 7		n.a.
S 15	2 57	20 33	0n41	9 15	2 53	21 49	3 12	24 44	1 33	9 49	0 39	1 39	2 42	17 24	0 46	23 42	0 43	20 42	0 40	21 31	21 42	20 6		n.a.
S 16	3 20	18 20	1 42	8 40	2 50	22 5	3 13	24 41	1 34	9 54	0 38	1 37	2 42	17 23	0 46	23 42	0 43	20 42	0 40	21 32	21 43	20 5		n.a.
M17	3 43	15 20	2 39	8 4	2 47	22 22	3 14	24 38	1 36	9 59	0 38	1 36	2 42	17 23	0 46	23 42	0 43	20 43	0 41	21 32	21 43	20 5		n.a.
T 18	4 6	11 39	3 30	7 26	2 43	22 37	3 15	24 35	1 38	10 4	0 38	1 34	2 42	17 22	0 46	23 42	0 43	20 43	0 41	21 34	21 44	20 4		n.a.
W19	4 29	7 25	4 11	6 46	2 38	22 52	3 16	24 32	1 40	10 9	0 38	1 32	2 42	17 21	0 46	23 42	0 43	20 43	0 41	21 35	21 44	20 3		n.a.
T 20	4 52	2 49	4 41	6 5	2 32	23 7	3 17	24 28	1 41	10 14	0 38	1 30	2 42	17 21	0 46	23 42	0 43	20 44	0 41	21 37	21 45	20 2		n.a.
F 21	5 15	2s 0	4 58	5 22	2 26	23 21	3 17	24 25	1 43	10 19	0 38	1 29	2 42	17 20	0 46	23 42	0 43	20 44	0 41	21 39	21 46	20 1		n.a.
S 22	5 37	6 49	5 0	4 37	2 20	23 34	3 18	24 21	1 45	10 24	0 38	1 27	2 42	17 19	0 46	23 42	0 43	20 44	0 41	21 42	21 46	20 0		n.a.
S 23	6 0	11 24	4 46	3 50	2 12	23 47	3 18	24 17	1 47	10 29	0 38	1 25	2 42	17 19	0 46	23 42	0 43	20 45	0 41	21 44	21 47	19 59		n.a.
M24	6 22	15 31	4 16	3 2	2 5	23 59	3 18	24 12	1 49	10 34	0 37	1 24	2 42	17 18	0 46	23 42	0 43	20 45	0 41	21 45	21 47	19 58		n.a.
T 25	6 45	18 52	3 31	2 12	1 57	24 11	3 18	24 8	1 50	10 39	0 37	1 22	2 42	17 18	0 46	23 42	0 43	20 45	0 41	21 46	21 48	19 57		n.a.
W26	7 7	21 12	2 33	1 21	1 48	24 22	3 18	24 4	1 52	10 44	0 37	1 20	2 42	17 17	0 46	23 42	0 43	20 46	0 41	21 47	21 48	19 57		n.a.
T 27	7 29	22 17	1 26	0 29	1 39	24 32	3 17	23 59	1 54	10 49	0 37	1 19	2 41	17 17	0 46	23 42	0 43	20 46	0 41	21 47	21 49	19 56		n.a.
F 28	7 51	21 59	0 13	0n25	1 29	24 42	3 17	23 54	1 56	10 54	0 37	1 17	2 41	17 16	0 46	23 42	0 43	20 46	0 41	21 47	21 50	19 55		n.a.
S 29	8 13	20 17	1s 1	1 20	1 20	24 51	3 16	23 49	1 58	10 59	0 37	1 15	2 41	17 15	0 46	23 42	0 43	20 47	0 41	21 47	21 50	19 54		n.a.
S 30	8n35	17s19	2s13	2n16	1s 9	25n 0	3n15	23s44	2s 0	11n 4	0s37	1s14	2n41	17s15	0s46	23n42	0n43	20n47	0n41	21n48	21n51	19n53		n.a.

Julian Day Number = 983343.5, Delta T = 13h11m11s
Ecliptic obliquity = 23°55'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'54, Lahiri = -31°48'54 Julian Calendar 1 Apr. 2021 BCE == Greg. Calendar 15 March 2021 BCE

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

MAY 2021 BCE (-2020) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 28 25	22♈32'41	4♓ 0	10♈12	7♊ 7	24♑32	0♉ 4	9°R 4	15♒33	15♋39	28♉ 2	23°R40	23♋23	8♌ 9	n.a.	M 1
T 2	13 32 22	23°29'47	18°22	12°13	7°57	25°11	0°17	9♎ 0	15°34	15°40	28° 3	23♋34	23°20	8°16	n.a.	T 2
W 3	13 36 18	24°26'53	2♈40	14°16	8°47	25°50	0°31	8°55	15°36	15°41	28° 4	23°25	23°17	8°23	n.a.	W 3
T 4	13 40 15	25°23'58	16°49	16°20	9°37	26°29	0°44	8°51	15°38	15°41	28° 6	23°14	23°14	8°29	n.a.	T 4
F 5	13 44 12	26°21'03	0♉45	18°26	10°25	27° 8	0°58	8°47	15°39	15°42	28° 7	23° 2	23°11	8°36	n.a.	F 5
S 6	13 48 8	27°18'08	14°22	20°34	11°13	27°47	1°12	8°43	15°41	15°43	28° 9	22°50	23° 7	8°42	n.a.	S 6
S 7	13 52 5	28°15'12	27°37	22°43	12° 0	28°25	1°25	8°39	15°42	15°43	28°10	22°40	23° 4	8°49	n.a.	S 7
M 8	13 56 1	29°12'16	10♊31	24°52	12°46	29° 4	1°39	8°35	15°44	15°44	28°11	22°32	23° 1	8°56	n.a.	M 8
T 9	13 59 58	0♉ 9'20	23° 4	27° 3	13°31	29°42	1°53	8°31	15°45	15°45	28°13	22°27	22°58	9° 2	n.a.	T 9
W10	14 3 54	1° 6'24	5♋19	29°14	14°16	0♒20	2° 6	8°27	15°47	15°46	28°14	22°24	22°55	9° 9	n.a.	W10
T 11	14 7 51	2° 3'27	17°20	1♉24	14°59	0°58	2°20	8°23	15°48	15°47	28°16	22°23	22°52	9°16	n.a.	T 11
F 12	14 11 48	3° 0'29	29°13	3°35	15°42	1°36	2°33	8°20	15°49	15°48	28°17	22°23	22°48	9°22	n.a.	F 12
S 13	14 15 44	3°57'32	11♌ 2	5°45	16°24	2°14	2°47	8°16	15°51	15°49	28°19	22°23	22°45	9°29	n.a.	S 13
S 14	14 19 41	4°54'34	22°52	7°55	17° 4	2°51	3° 1	8°12	15°52	15°50	28°20	22°22	22°42	9°36	n.a.	S 14
M15	14 23 37	5°51'35	4♍50	10° 4	17°44	3°28	3°14	8° 9	15°53	15°51	28°22	22°19	22°39	9°42	n.a.	M15
T 16	14 27 34	6°48'37	17° 0	12°11	18°22	4° 6	3°28	8° 5	15°54	15°52	28°23	22°13	22°36	9°49	n.a.	T 16
W17	14 31 30	7°45'38	29°24	14°18	18°59	4°42	3°42	8° 1	15°55	15°53	28°25	22° 5	22°33	9°56	n.a.	W17
T 18	14 35 27	8°42'40	12♎ 7	16°23	19°35	5°19	3°55	7°58	15°56	15°54	28°26	21°55	22°29	10° 2	n.a.	T 18
F 19	14 39 23	9°39'41	25° 8	18°26	20°10	5°56	4° 9	7°55	15°57	15°55	28°28	21°44	22°26	10° 9	n.a.	F 19
S 20	14 43 20	10°36'42	8♏28	20°28	20°44	6°32	4°22	7°51	15°58	15°56	28°29	21°32	22°23	10°16	n.a.	S 20
S 21	14 47 17	11°33'44	22° 3	22°28	21°16	7° 8	4°36	7°48	15°59	15°57	28°31	21°22	22°20	10°22	n.a.	S 21
M22	14 51 13	12°30'46	5♐52	24°26	21°47	7°44	4°50	7°45	16° 0	15°58	28°32	21°14	22°17	10°29	n.a.	M22
T 23	14 55 10	13°27'49	19°51	26°23	22°16	8°20	5° 3	7°41	16° 1	15°59	28°34	21° 8	22°13	10°36	n.a.	T 23
W24	14 59 6	14°24'52	3♑56	28°18	22°44	8°56	5°17	7°38	16° 1	16° 1	28°36	21° 4	22°10	10°42	n.a.	W24
T 25	15 3 3	15°21'55	18° 5	0♊10	23°10	9°31	5°30	7°35	16° 2	16° 2	28°37	21°D 3	22° 7	10°49	n.a.	T 25
F 26	15 6 59	16°19'00	2♒14	2° 1	23°35	10° 6	5°44	7°32	16° 3	16° 3	28°39	21° 4	22° 4	10°56	n.a.	F 26
S 27	15 10 56	17°16'05	16°23	3°50	23°58	10°41	5°57	7°30	16° 3	16° 5	28°40	21°R 4	22° 1	11° 2	n.a.	S 27
S 28	15 14 53	18°13'11	0♓31	5°37	24°19	11°15	6°11	7°27	16° 4	16° 6	28°42	21° 3	21°58	11° 9	n.a.	S 28
M29	15 18 49	19°10'17	14°36	7°22	24°38	11°50	6°24	7°24	16° 4	16° 7	28°44	21° 1	21°54	11°15	n.a.	M29
T 30	15 22 46	20° 7'24	28°36	9° 6	24°56	12°24	6°37	7°21	16° 5	16° 9	28°45	20°56	21°51	11°22	n.a.	T 30
W31	15 26 42	21♉ 4'32	12♈29	10♊47	25♊12	12♒58	6♉51	7♎19	16♒ 5	16♋10	28♉47	20♋49	21♋48	11♌29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	8n57	13s16	3s16	3n13	0s59	25n 8	3n14	23s38	2s 1	11n 9	0s37	1s12	2n41	17s14	0s47	23n42	0n43	20n48	0n41	21n48	21n51	19n52			n.a.
T 2	9 18	8 27	4 6	4 11	0 48	25 15	3 13	23 33	2 3	11 14	0 37	1 11	2 41	17 14	0 47	23 42	0 43	20 48	0 41	21 49	21 52	19 51			n.a.
W 3	9 40	3 13	4 41	5 9	0 38	25 22	3 12	23 27	2 5	11 19	0 36	1 9	2 41	17 13	0 47	23 42	0 43	20 48	0 41	21 51	21 52	19 50			n.a.
T 4	10 1	2n 9	4 59	6 8	0 27	25 28	3 10	23 22	2 7	11 24	0 36	1 7	2 41	17 13	0 47	23 41	0 43	20 49	0 41	21 53	21 53	19 49			n.a.
F 5	10 22	7 19	4 58	7 7	0 16	25 34	3 8	23 16	2 9	11 29	0 36	1 6	2 41	17 13	0 47	23 41	0 43	20 49	0 41	21 55	21 53	19 48			n.a.
S 6	10 43	12 1	4 40	8 7	0 5	25 39	3 6	23 10	2 11	11 34	0 36	1 4	2 41	17 12	0 47	23 41	0 43	20 49	0 42	21 57	21 54	19 47			n.a.
S 7	11 4	16 1	4 7	9 6	0n 6	25 43	3 4	23 4	2 13	11 39	0 36	1 3	2 40	17 12	0 47	23 41	0 43	20 50	0 42	21 59	21 54	19 46			n.a.
M 8	11 25	19 8	3 22	10 4	0 16	25 47	3 1	22 57	2 15	11 44	0 36	1 1	2 40	17 11	0 47	23 41	0 43	20 50	0 42	22 0	21 55	19 45			n.a.
T 9	11 45	21 16	2 29	11 2	0 26	25 50	2 59	22 51	2 17	11 48	0 36	1 0	2 40	17 11	0 47	23 41	0 43	20 51	0 42	22 1	21 56	19 44			n.a.
W10	12 6	22 20	1 29	11 59	0 36	25 53	2 56	22 44	2 19	11 53	0 36	0 59	2 40	17 10	0 47	23 41	0 43	20 51	0 42	22 1	21 56	19 43			n.a.
T 11	12 26	22 20	0 27	12 55	0 46	25 55	2 52	22 38	2 20	11 58	0 36	0 57	2 40	17 10	0 47	23 41	0 43	20 51	0 42	22 1	21 57	19 42			n.a.
F 12	12 46	21 19	0n36	13 50	0 55	25 56	2 49	22 31	2 22	12 3	0 35	0 56	2 40	17 10	0 47	23 41	0 43	20 52	0 42	22 1	21 57	19 41			n.a.
S 13	13 6	19 22	1 37	14 43	1 4	25 57	2 45	22 24	2 24	12 8	0 35	0 54	2 40	17 9	0 47	23 40	0 43	20 52	0 42	22 1	21 58	19 40			n.a.
S 14	13 25	16 36	2 34	15 34	1 12	25 58	2 41	22 17	2 26	12 13	0 35	0 53	2 39	17 9	0 47	23 40	0 43	20 52	0 42	22 2	21 58	19 39			n.a.
M15	13 45	13 6	3 25	16 23	1 19	25 57	2 37	22 10	2 28	12 18	0 35	0 52	2 39	17 9	0 47	23 40	0 43	20 53	0 42	22 2	21 59	19 38			n.a.
T 16	14 4	9 1	4 7	17 10	1 26	25 56	2 33	22 3	2 30	12 22	0 35	0 50	2 39	17 8	0 47	23 40	0 43	20 53	0 42	22 3	21 59	19 37			n.a.
W17	14 23	4 29	4 39	17 55	1 33	25 55	2 28	21 56	2 32	12 27	0 35	0 49	2 39	17 8	0 47	23 40	0 43	20 54	0 42	22 4	22 0	19 36			n.a.
T 18	14 42	0s20	4 58	18 38	1 38	25 53	2 23	21 49	2 34	12 32	0 35	0 48	2 39	17 8	0 47	23 40	0 43	20 54	0 42	22 6	22 0	19 35			n.a.
F 19	15 0	5 15	5 1	19 19	1 43	25 50	2 18	21 41	2 36	12 37	0 35	0 47	2 39	17 8	0 47	23 40	0 43	20 54	0 42	22 8	22 1	19 34			n.a.
S 20	15 18	10 3	4 49	19 57	1 48	25 47	2 12	21 34	2 38	12 42	0 35	0 46	2 38	17 7	0 47	23 40	0 43	20 55	0 42	22 10	22 1	19 33			n.a.
S 21	15 36	14 28	4 20	20 33	1 51	25 44	2 6	21 26	2 40	12 46	0 35	0 44	2 38	17 7	0 47	23 39	0 43	20 55	0 42	22 11	22 2	19 32			n.a.
M22	15 54	18 11	3 36	21 6	1 54	25 40	2 0	21 19	2 42	12 51	0 35	0 43	2 38	17 7	0 47	23 39	0 43	20 56	0 42	22 13	22 2	19 31			n.a.
T 23	16 12	20 54	2 38	21 37	1 57	25 35	1 53	21 11	2 44	12 56	0 34	0 42	2 38	17 7	0 47	23 39	0 43	20 56	0 43	22 14	22 3	19 30			n.a.
W24	16 29	22 22	1 30	22 6	1 58	25 30	1 47	21 3	2 46	13 0	0 34	0 41	2 38	17 7	0 47	23 39	0 43	20 57	0 43	22 14	22 4	19 29			n.a.
T 25	16 46	22 25	0 16	22 32	1 59	25 24	1 39	20 56	2 48	13 5	0 34	0 40	2 37	17 6	0 47	23 39	0 43	20 57	0 43	22 14	22 4	19 28			n.a.
F 26	17 3	21 1	0s59	22 56	1 59	25 18	1 32	20 48	2 50	13 10	0 34	0 39	2 37	17 6	0 47	23 39	0 43	20 57	0 43	22 14	22 5	19 27			n.a.
S 27	17 20	18 19	2 11	23 18	1 59	25 11	1 24	20 40	2 52	13 14	0 34	0 38	2 37	17 6	0 48	23 38	0 43	20 58	0 43	22 14	22 5	19 26			n.a.
S 28	17 36	14 32	3 14	23 37	1 58	25 4	1 16	20 32	2 54	13 19	0 34	0 37	2 37	17 6	0 48	23 38	0 43	20 58	0 43	22 14	22 6	19 24			n.a.
M29	17 52	9 57	4 6	23 54	1 57	24 56	1 7	20 24	2 56	13 24	0 34	0 36	2 37	17 6	0 48	23 38	0 43	20 59	0 43	22 15	22 6	19 23			n.a.
T 30	18 8	4 52	4 42	24 9	1 55	24 48	0 58	20 16	2 58	13 28	0 34	0 35	2 36	17 6	0 48	23 38	0 43	20 59	0 43	22 15	22 7	19 22			n.a.
W31	18n23	0n25	5s 2	24n22	1n52	24n39	0n49	20s 8	3s 0	13n33	0s34	0s35	2n36	17s 6	0s48	23n38	0n43	20n59	0n43	22n17	22n 7	19n21			n.a.

Julian Day Number = 983373.5, Delta T = 13h11m09s
Ecliptic obliquity = 23°55'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'50, Lahiri = -31°48'50 Julian Calendar 1 May 2021 BCE == Greg. Calendar 14 Apr. 2021 BCE

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

JUNE 2021 BCE (-2020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 30 39	22♉ 1'41	26♈13	12♊26	25♊26	13♒31	7♉ 4	7°R16	16♒ 6	16♋12	28♉48	20°R40	21♋45	11♌35	n.a.	T 1
F 2	15 34 35	22°58'51	9♉44	14° 4	25°38	14° 5	7°18	7♎14	16° 6	16°13	28°50	20♋31	21°42	11°42	n.a.	F 2
S 3	15 38 32	23°56'01	23° 0	15°40	25°48	14°38	7°31	7°11	16° 6	16°15	28°52	20°21	21°38	11°49	n.a.	S 3
S 4	15 42 29	24°53'12	6♊ 0	17°13	25°55	15°11	7°44	7° 9	16° 6	16°16	28°53	20°13	21°35	11°55	n.a.	S 4
M 5	15 46 25	25°50'24	18°42	18°45	26° 1	15°43	7°58	7° 7	16° 7	16°18	28°55	20° 7	21°32	12° 2	n.a.	M 5
T 6	15 50 22	26°47'37	1♋ 7	20°15	26° 4	16°15	8°11	7° 5	16° 7	16°19	28°56	20° 3	21°29	12° 9	n.a.	T 6
W 7	15 54 18	27°44'50	13°17	21°43	26°R 5	16°47	8°24	7° 3	16° 7	16°21	28°58	20° 1	21°26	12°15	n.a.	W 7
T 8	15 58 15	28°42'04	25°16	23° 9	26° 4	17°19	8°37	7° 1	16°R 7	16°22	29° 0	20°D 1	21°23	12°22	n.a.	T 8
F 9	16 2 11	29°39'18	7♌ 8	24°32	26° 1	17°50	8°50	6°59	16° 7	16°24	29° 1	20° 2	21°19	12°29	n.a.	F 9
S 10	16 6 8	0♊36'33	18°57	25°54	25°55	18°21	9° 4	6°57	16° 7	16°26	29° 3	20° 3	21°16	12°35	n.a.	S 10
S 11	16 10 4	1°33'49	0♍48	27°14	25°46	18°51	9°17	6°56	16° 7	16°27	29° 5	20°R 4	21°13	12°42	n.a.	S 11
M12	16 14 1	2°31'05	12°46	28°32	25°36	19°21	9°30	6°54	16° 6	16°29	29° 6	20° 3	21°10	12°49	n.a.	M12
T 13	16 17 58	3°28'22	24°57	29°47	25°23	19°51	9°43	6°53	16° 6	16°31	29° 8	20° 1	21° 7	12°55	n.a.	T 13
W14	16 21 54	4°25'40	7♎25	1♋ 0	25° 7	20°21	9°56	6°51	16° 6	16°32	29° 9	19°56	21° 4	13° 2	n.a.	W14
T 15	16 25 51	5°22'58	20°13	2°11	24°49	20°50	10° 9	6°50	16° 6	16°34	29°11	19°51	21° 0	13° 9	n.a.	T 15
F 16	16 29 47	6°20'18	3♏24	3°19	24°29	21°19	10°21	6°49	16° 5	16°36	29°13	19°44	20°57	13°15	n.a.	F 16
S 17	16 33 44	7°17'38	16°57	4°25	24° 7	21°47	10°34	6°48	16° 5	16°38	29°14	19°37	20°54	13°22	n.a.	S 17
S 18	16 37 40	8°15'00	0♐51	5°29	23°43	22°15	10°47	6°47	16° 4	16°40	29°16	19°31	20°51	13°29	n.a.	S 18
M19	16 41 37	9°12'23	15° 2	6°29	23°17	22°43	11° 0	6°46	16° 4	16°42	29°17	19°26	20°48	13°35	n.a.	M19
T 20	16 45 34	10° 9'47	29°26	7°27	22°48	23°10	11°13	6°45	16° 3	16°43	29°19	19°22	20°44	13°42	n.a.	T 20
W21	16 49 30	11° 7'12	13♑56	8°22	22°18	23°37	11°25	6°44	16° 3	16°45	29°21	19°D21	20°41	13°49	n.a.	W21
T 22	16 53 27	12° 4'39	28°28	9°14	21°47	24° 4	11°38	6°43	16° 2	16°47	29°22	19°21	20°38	13°55	n.a.	T 22
F 23	16 57 23	13° 2'07	12♒56	10° 3	21°14	24°30	11°50	6°43	16° 1	16°49	29°24	19°22	20°35	14° 2	n.a.	F 23
S 24	17 1 20	13°59'37	27°16	10°48	20°40	24°55	12° 3	6°42	16° 1	16°51	29°25	19°24	20°32	14° 9	n.a.	S 24
S 25	17 5 16	14°57'09	11♓27	11°30	20° 5	25°20	12°15	6°42	16° 0	16°53	29°27	19°R24	20°29	14°15	n.a.	S 25
M26	17 9 13	15°54'42	25°27	12° 8	19°29	25°45	12°28	6°42	15°59	16°55	29°29	19°24	20°25	14°22	n.a.	M26
T 27	17 13 9	16°52'16	9♈14	12°42	18°52	26° 9	12°40	6°42	15°58	16°57	29°30	19°22	20°22	14°29	n.a.	T 27
W28	17 17 6	17°49'53	22°48	13°12	18°16	26°33	12°52	6°D41	15°57	16°59	29°32	19°19	20°19	14°35	n.a.	W28
T 29	17 21 3	18°47'31	6♉ 8	13°38	17°39	26°56	13° 5	6°42	15°56	17° 1	29°33	19°15	20°16	14°42	n.a.	T 29
F 30	17 24 59	19♊45'11	19♉15	13♋59	17♊ 2	27♒18	13♉17	6♎42	15♒55	17♋ 3	29♉35	19♋10	20♋13	14♌49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n39	5n37	5s 3	24n33	1n49	24n30	0n39	20s 0	3s 2	13n37	0s34	0s34	2n36	17s 6	0s48	23n38	0n43	21n 0	0n43	22n18	22n 8	19n20		n.a.
F 2	18 54	10 29	4 48	24 42	1 45	24 21	0 29	19 52	3 4	13 42	0 34	0 33	2 36	17 5	0 48	23 37	0 43	21 0	0 43	22 19	22 8	19 19		n.a.
S 3	19 8	14 45	4 17	24 49	1 41	24 10	0 19	19 44	3 7	13 46	0 34	0 32	2 35	17 5	0 48	23 37	0 43	21 1	0 43	22 21	22 9	19 18		n.a.
S 4	19 22	18 14	3 34	24 54	1 36	24 0	0 8	19 36	3 9	13 51	0 33	0 32	2 35	17 5	0 48	23 37	0 43	21 1	0 43	22 22	22 9	19 17		n.a.
M 5	19 36	20 46	2 40	24 57	1 31	23 49	0s 3	19 28	3 11	13 55	0 33	0 31	2 35	17 5	0 48	23 37	0 43	21 2	0 43	22 23	22 10	19 16		n.a.
T 6	19 50	22 15	1 40	24 59	1 26	23 38	0 14	19 21	3 13	14 0	0 33	0 30	2 35	17 5	0 48	23 37	0 43	21 2	0 43	22 24	22 10	19 15		n.a.
W 7	20 3	22 39	0 36	24 59	1 19	23 26	0 26	19 13	3 15	14 4	0 33	0 30	2 34	17 5	0 48	23 36	0 43	21 2	0 43	22 24	22 11	19 13		n.a.
T 8	20 16	21 59	0n28	24 57	1 13	23 14	0 38	19 5	3 17	14 8	0 33	0 29	2 34	17 5	0 48	23 36	0 43	21 3	0 44	22 24	22 11	19 12		n.a.
F 9	20 29	20 20	1 31	24 54	1 6	23 1	0 51	18 57	3 19	14 13	0 33	0 29	2 34	17 5	0 48	23 36	0 43	21 3	0 44	22 24	22 12	19 11		n.a.
S 10	20 42	17 49	2 30	24 50	0 58	22 48	1 3	18 49	3 21	14 17	0 33	0 28	2 34	17 6	0 48	23 36	0 43	21 4	0 44	22 24	22 12	19 10		n.a.
S 11	20 54	14 33	3 22	24 44	0 50	22 35	1 16	18 41	3 23	14 21	0 33	0 28	2 34	17 6	0 48	23 35	0 43	21 4	0 44	22 24	22 13	19 9		n.a.
M12	21 5	10 41	4 6	24 37	0 42	22 21	1 30	18 33	3 25	14 26	0 33	0 27	2 33	17 6	0 48	23 35	0 43	21 5	0 44	22 24	22 13	19 8		n.a.
T 13	21 16	6 19	4 40	24 29	0 34	22 7	1 43	18 26	3 27	14 30	0 33	0 27	2 33	17 6	0 48	23 35	0 43	21 5	0 44	22 24	22 14	19 7		n.a.
W14	21 27	1 36	5 2	24 20	0 24	21 53	1 57	18 18	3 30	14 34	0 33	0 27	2 33	17 6	0 48	23 35	0 43	21 5	0 44	22 25	22 14	19 5		n.a.
T 15	21 38	3s18	5 9	24 10	0 15	21 38	2 11	18 10	3 32	14 38	0 33	0 26	2 32	17 6	0 48	23 35	0 43	21 6	0 44	22 25	22 15	19 4		n.a.
F 16	21 48	8 12	5 1	23 58	0 5	21 24	2 25	18 3	3 34	14 43	0 33	0 26	2 32	17 6	0 48	23 34	0 43	21 6	0 44	22 26	22 15	19 3		n.a.
S 17	21 58	12 51	4 35	23 46	0s 5	21 8	2 39	17 55	3 36	14 47	0 33	0 26	2 32	17 6	0 48	23 34	0 43	21 7	0 44	22 27	22 16	19 2		n.a.
S 18	22 8	16 57	3 53	23 34	0 15	20 53	2 54	17 48	3 38	14 51	0 32	0 26	2 32	17 7	0 48	23 34	0 43	21 7	0 44	22 28	22 16	19 1		n.a.
M19	22 17	20 9	2 56	23 20	0 26	20 37	3 8	17 41	3 40	14 55	0 32	0 26	2 31	17 7	0 48	23 34	0 43	21 8	0 44	22 29	22 17	19 0		n.a.
T 20	22 25	22 9	1 46	23 6	0 37	20 22	3 22	17 33	3 42	14 59	0 32	0 25	2 31	17 7	0 49	23 33	0 43	21 8	0 44	22 30	22 17	18 58		n.a.
W21	22 34	22 41	0 29	22 51	0 48	20 6	3 36	17 26	3 45	15 3	0 32	0 25	2 31	17 7	0 49	23 33	0 43	21 8	0 44	22 30	22 18	18 57		n.a.
T 22	22 42	21 42	0s50	22 37	0 59	19 50	3 50	17 19	3 47	15 7	0 32	0 25	2 31	17 7	0 49	23 33	0 43	21 9	0 44	22 30	22 18	18 56		n.a.
F 23	22 49	19 16	2 5	22 21	1 11	19 34	4 4	17 12	3 49	15 11	0 32	0 25	2 30	17 8	0 49	23 33	0 43	21 9	0 45	22 30	22 19	18 55		n.a.
S 24	22 57	15 40	3 12	22 6	1 23	19 19	4 17	17 6	3 51	15 15	0 32	0 25	2 30	17 8	0 49	23 32	0 43	21 10	0 45	22 29	22 19	18 54		n.a.
S 25	23 3	11 12	4 7	21 50	1 35	19 3	4 31	16 59	3 53	15 19	0 32	0 26	2 30	17 8	0 49	23 32	0 43	21 10	0 45	22 29	22 20	18 52		n.a.
M26	23 10	6 12	4 46	21 35	1 47	18 47	4 43	16 52	3 55	15 23	0 32	0 26	2 30	17 9	0 49	23 32	0 43	21 10	0 45	22 29	22 20	18 51		n.a.
T 27	23 16	0 58	5 8	21 20	1 59	18 32	4 56	16 46	3 57	15 27	0 32	0 26	2 29	17 9	0 49	23 32	0 43	21 11	0 45	22 30	22 21	18 50		n.a.
W28	23 21	4n13	5 12	21 4	2 12	18 17	5 8	16 40	4 0	15 31	0 32	0 26	2 29	17 9	0 49	23 31	0 43	21 11	0 45	22 30	22 21	18 49		n.a.
T 29	23 26	9 8	4 59	20 50	2 24	18 3	5 19	16 33	4 2	15 35	0 32	0 26	2 29	17 9	0 49	23 31	0 43	21 12	0 45	22 31	22 22	18 47		n.a.
F 30	23n31	13n33	4s31	20n35	2s36	17n49	5s30	16s27	4s 4	15n38	0s32	0s27	2n29	17s10	0s49	23n31	0n43	21n12	0n45	22n31	22n22	18n46		n.a.

Julian Day Number = 983404.5, Delta T = 13h11m07s
Ecliptic obliquity = 23°55'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'46, Lahiri = -31°48'46 Julian Calendar 1 June 2021 BCE == Greg. Calendar 15 May 2021 BCE

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

JULY 2021 BCE (-2020) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 28 56	20♊42'53	2♊ 9	14♋15	16°R26	27♒41	13♉29	6♎42	15°R54	17♋ 5	29♉36	19°R 6	20♋10	14♌55	n.a.	S 1
S 2	17 32 52	21°40'36	14°48	14°26	15♊50	28° 2	13°41	6°42	15♒53	17° 7	29°38	19♋ 2	20° 6	15° 2	n.a.	S 2
M 3	17 36 49	22°38'21	27°14	14°32	15°15	28°23	13°53	6°42	15°52	17° 9	29°39	18°59	20° 3	15° 9	n.a.	M 3
T 4	17 40 45	23°36'07	9♋28	14°R33	14°41	28°44	14° 5	6°43	15°51	17°11	29°41	18°57	20° 0	15°15	n.a.	T 4
W 5	17 44 42	24°33'55	21°31	14°28	14° 9	29° 3	14°17	6°44	15°50	17°13	29°42	18°D57	19°57	15°22	n.a.	W 5
T 6	17 48 38	25°31'45	3♌26	14°17	13°37	29°23	14°29	6°44	15°48	17°15	29°44	18°58	19°54	15°28	n.a.	T 6
F 7	17 52 35	26°29'36	15°15	14° 0	13° 8	29°41	14°40	6°45	15°47	17°17	29°45	18°59	19°50	15°35	n.a.	F 7
S 8	17 56 32	27°27'28	27° 3	13°38	12°40	29°59	14°52	6°46	15°46	17°19	29°47	19° 1	19°47	15°42	n.a.	S 8
S 9	18 0 28	28°25'22	8♍54	13°10	12°14	0♓17	15° 4	6°47	15°44	17°22	29°48	19° 2	19°44	15°48	n.a.	S 9
M10	18 4 25	29°23'18	20°51	12°36	11°50	0°34	15°15	6°48	15°43	17°24	29°50	19° 3	19°41	15°55	n.a.	M10
T 11	18 8 21	0♋21'15	3♎ 1	11°57	11°28	0°50	15°26	6°49	15°41	17°26	29°51	19°R 3	19°38	16° 2	n.a.	T 11
W12	18 12 18	1°19'13	15°27	11°14	11° 8	1° 5	15°38	6°50	15°40	17°28	29°53	19° 3	19°35	16° 8	n.a.	W12
T 13	18 16 14	2°17'13	28°14	10°25	10°51	1°20	15°49	6°52	15°38	17°30	29°54	19° 1	19°31	16°15	n.a.	T 13
F 14	18 20 11	3°15'14	11♏25	9°34	10°36	1°34	16° 0	6°53	15°37	17°32	29°55	19° 0	19°28	16°22	n.a.	F 14
S 15	18 24 7	4°13'17	25° 1	8°39	10°23	1°48	16°11	6°55	15°35	17°35	29°57	18°58	19°25	16°28	n.a.	S 15
S 16	18 28 4	5°11'22	9♐ 3	7°43	10°12	2° 0	16°22	6°56	15°33	17°37	29°58	18°56	19°22	16°35	n.a.	S 16
M17	18 32 1	6° 9'29	23°27	6°47	10° 4	2°12	16°33	6°58	15°32	17°39	29°59	18°55	19°19	16°42	n.a.	M17
T 18	18 35 57	7° 7'38	8♑10	5°51	9°59	2°24	16°44	7° 0	15°30	17°41	0♊ 1	18°54	19°16	16°48	n.a.	T 18
W19	18 39 54	8° 5'48	23° 3	4°56	9°56	2°34	16°55	7° 2	15°28	17°43	0° 2	18°D54	19°12	16°55	n.a.	W19
T 20	18 43 50	9° 4'00	7♒59	4° 5	9°D55	2°44	17° 6	7° 4	15°26	17°46	0° 3	18°54	19° 9	17° 2	n.a.	T 20
F 21	18 47 47	10° 2'15	22°50	3°18	9°56	2°53	17°16	7° 6	15°25	17°48	0° 5	18°55	19° 6	17° 8	n.a.	F 21
S 22	18 51 43	11° 0'32	7♓31	2°36	10° 0	3° 1	17°27	7° 8	15°23	17°50	0° 6	18°55	19° 3	17°15	n.a.	S 22
S 23	18 55 40	11°58'50	21°54	2° 1	10° 6	3° 9	17°37	7°10	15°21	17°52	0° 7	18°56	19° 0	17°22	n.a.	S 23
M24	18 59 36	12°57'12	5♈59	1°33	10°15	3°15	17°47	7°13	15°19	17°54	0° 9	18°56	18°56	17°28	n.a.	M24
T 25	19 3 33	13°55'35	19°43	1°12	10°25	3°21	17°57	7°15	15°17	17°57	0°10	18°R56	18°53	17°35	n.a.	T 25
W26	19 7 30	14°54'01	3♉ 8	1° 1	10°38	3°26	18° 8	7°18	15°15	17°59	0°11	18°56	18°50	17°42	n.a.	W26
T 27	19 11 26	15°52'29	16°13	0°D58	10°53	3°30	18°18	7°20	15°13	18° 1	0°12	18°56	18°47	17°48	n.a.	T 27
F 28	19 15 23	16°51'00	29° 2	1° 4	11° 9	3°33	18°27	7°23	15°11	18° 3	0°13	18°55	18°44	17°55	n.a.	F 28
S 29	19 19 19	17°49'32	11♊36	1°19	11°28	3°36	18°37	7°26	15° 9	18° 6	0°15	18°55	18°41	18° 2	n.a.	S 29
S 30	19 23 16	18°48'08	23°58	1°44	11°48	3°37	18°47	7°29	15° 7	18° 8	0°16	18°D55	18°37	18° 8	n.a.	S 30
M31	19 27 12	19♋46'45	6♋ 8	2♋17	12♊10	3°R38	18♉57	7♎32	15♒ 5	18♋10	0♊17	18♋55	18♋34	18♌15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n36	17n16	3s49	20n22	2s48	17n35	5s40	16s21	4s 6	15n42	0s32	0s27	2n28	17s10	0s49	23n31	0n43	21n13	0n45	22n32	22n23	18n45		n.a.
S 2	23 39	20 7	2 57	20 9	3 0	17 22	5 49	16 16	4 8	15 46	0 32	0 27	2 28	17 11	0 49	23 30	0 43	21 13	0 45	22 33	22 23	18 44		n.a.
M 3	23 43	21 57	1 57	19 56	3 12	17 10	5 58	16 10	4 10	15 50	0 32	0 28	2 28	17 11	0 49	23 30	0 43	21 13	0 45	22 33	22 24	18 42		n.a.
T 4	23 46	22 43	0 52	19 45	3 23	16 58	6 6	16 5	4 12	15 53	0 32	0 28	2 27	17 11	0 49	23 30	0 43	21 14	0 45	22 33	22 24	18 41		n.a.
W 5	23 49	22 24	0n14	19 35	3 34	16 47	6 13	16 0	4 14	15 57	0 31	0 29	2 27	17 12	0 49	23 30	0 43	21 14	0 45	22 33	22 25	18 40		n.a.
T 6	23 51	21 4	1 19	19 26	3 44	16 37	6 20	15 55	4 17	16 0	0 31	0 29	2 27	17 12	0 49	23 29	0 43	21 15	0 45	22 33	22 25	18 39		n.a.
F 7	23 53	18 49	2 20	19 19	3 53	16 28	6 26	15 50	4 19	16 4	0 31	0 30	2 27	17 13	0 49	23 29	0 43	21 15	0 46	22 33	22 25	18 37		n.a.
S 8	23 54	15 47	3 15	19 13	4 1	16 19	6 31	15 45	4 21	16 8	0 31	0 30	2 26	17 13	0 49	23 29	0 43	21 15	0 46	22 33	22 26	18 36		n.a.
S 9	23 55	12 7	4 2	19 8	4 9	16 11	6 35	15 41	4 23	16 11	0 31	0 31	2 26	17 13	0 49	23 29	0 43	21 16	0 46	22 33	22 26	18 35		n.a.
M10	23 55	7 57	4 39	19 5	4 15	16 5	6 39	15 37	4 25	16 15	0 31	0 32	2 26	17 14	0 49	23 28	0 43	21 16	0 46	22 32	22 27	18 33		n.a.
T 11	23 55	3 25	5 4	19 4	4 20	15 59	6 42	15 33	4 27	16 18	0 31	0 32	2 26	17 14	0 49	23 28	0 43	21 16	0 46	22 32	22 27	18 32		n.a.
W12	23 55	1s22	5 16	19 4	4 23	15 54	6 44	15 29	4 29	16 21	0 31	0 33	2 25	17 15	0 49	23 28	0 43	21 17	0 46	22 32	22 28	18 31		n.a.
T 13	23 54	6 13	5 12	19 6	4 25	15 50	6 46	15 25	4 31	16 25	0 31	0 34	2 25	17 15	0 49	23 27	0 43	21 17	0 46	22 33	22 28	18 30		n.a.
F 14	23 53	10 56	4 53	19 10	4 25	15 46	6 47	15 22	4 33	16 28	0 31	0 35	2 25	17 16	0 49	23 27	0 43	21 18	0 46	22 33	22 29	18 28		n.a.
S 15	23 51	15 16	4 16	19 16	4 23	15 44	6 48	15 19	4 35	16 31	0 31	0 36	2 24	17 16	0 49	23 27	0 43	21 18	0 46	22 33	22 29	18 27		n.a.
S 16	23 49	18 54	3 23	19 24	4 19	15 43	6 48	15 16	4 37	16 35	0 31	0 37	2 24	17 17	0 49	23 27	0 43	21 18	0 46	22 33	22 30	18 26		n.a.
M17	23 47	21 29	2 16	19 33	4 13	15 42	6 47	15 14	4 39	16 38	0 31	0 37	2 24	17 17	0 49	23 26	0 43	21 19	0 46	22 34	22 30	18 24		n.a.
T 18	23 44	22 41	0 59	19 43	4 5	15 42	6 46	15 11	4 41	16 41	0 31	0 38	2 24	17 18	0 49	23 26	0 43	21 19	0 46	22 34	22 31	18 23		n.a.
W19	23 40	22 17	0s23	19 55	3 55	15 44	6 44	15 9	4 43	16 44	0 31	0 39	2 23	17 19	0 50	23 26	0 43	21 19	0 46	22 34	22 31	18 22		n.a.
T 20	23 36	20 19	1 44	20 8	3 43	15 45	6 42	15 7	4 45	16 47	0 31	0 41	2 23	17 19	0 50	23 25	0 43	21 20	0 46	22 34	22 32	18 20		n.a.
F 21	23 32	16 58	2 58	20 23	3 30	15 48	6 40	15 5	4 47	16 50	0 31	0 42	2 23	17 20	0 50	23 25	0 43	21 20	0 47	22 34	22 32	18 19		n.a.
S 22	23 27	12 36	3 58	20 38	3 16	15 52	6 37	15 4	4 49	16 54	0 31	0 43	2 23	17 20	0 50	23 25	0 43	21 21	0 47	22 34	22 32	18 18		n.a.
S 23	23 22	7 35	4 43	20 55	3 0	15 56	6 34	15 3	4 50	16 57	0 31	0 44	2 22	17 21	0 50	23 25	0 43	21 21	0 47	22 33	22 33	18 16		n.a.
M24	23 17	2 18	5 10	21 12	2 43	16 0	6 30	15 2	4 52	17 0	0 31	0 45	2 22	17 22	0 50	23 24	0 43	21 21	0 47	22 33	22 33	18 15		n.a.
T 25	23 11	2n59	5 18	21 29	2 26	16 6	6 26	15 2	4 54	17 2	0 31	0 46	2 22	17 22	0 50	23 24	0 43	21 22	0 47	22 33	22 34	18 14		n.a.
W26	23 4	7 59	5 8	21 47	2 8	16 12	6 22	15 1	4 56	17 5	0 30	0 48	2 22	17 23	0 50	23 24	0 43	21 22	0 47	22 33	22 34	18 12		n.a.
T 27	22 58	12 31	4 42	22 5	1 50	16 18	6 18	15 1	4 57	17 8	0 30	0 49	2 21	17 23	0 50	23 23	0 43	21 22	0 47	22 33	22 35	18 11		n.a.
F 28	22 50	16 24	4 3	22 24	1 32	16 25	6 13	15 2	4 59	17 11	0 30	0 50	2 21	17 24	0 50	23 23	0 43	21 23	0 47	22 34	22 35	18 9		n.a.
S 29	22 43	19 27	3 13	22 41	1 14	16 32	6 8	15 2	5 0	17 14	0 30	0 52	2 21	17 25	0 50	23 23	0 43	21 23	0 47	22 34	22 36	18 8		n.a.
S 30	22 35	21 33	2 14	22 59	0 56	16 40	6 3	15 3	5 2	17 17	0 30	0 53	2 20	17 25	0 50	23 22	0 43	21 23	0 47	22 34	22 36	18 7		n.a.
M31	22n26	22n36	1s10	23n15	0s39	16n48	5s58	15s 4	5s 3	17n19	0s30	0s54	2n20	17s26	0s50	23n22	0n43	21n24	0n47	22n34	22n37	18n 5		n.a.

Julian Day Number = 983434.5, Delta T = 13h11m05s
Ecliptic obliquity = 23°55'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'42, Lahiri = -31°48'42 Julian Calendar 1 July 2021 BCE == Greg. Calendar 14 June 2021 BCE

The year -2020 astronomical counting style corresponds to year 2021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

AUGUST 2021 BCE (-2020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 31 9	20♋45'24	18♋10	2♋59	12♊34	3°R37	19♉ 6	7♎35	15°R 3	18♋12	0♊18	18°R55	18♋31	18♌22	n.a.	T 1
W 2	19 35 5	21°44'06	0♌ 6	3°50	13° 0	3♓36	19°15	7°38	15♒ 0	18°14	0°19	18♋55	18°28	18°28	n.a.	W 2
T 3	19 39 2	22°42'50	11°56	4°48	13°27	3°34	19°25	7°41	14°58	18°17	0°20	18°55	18°25	18°35	n.a.	T 3
F 4	19 42 58	23°41'36	23°44	5°53	13°56	3°31	19°34	7°44	14°56	18°19	0°21	18°55	18°22	18°42	n.a.	F 4
S 5	19 46 55	24°40'23	5♍32	7° 5	14°27	3°27	19°43	7°48	14°54	18°21	0°22	18°54	18°18	18°48	n.a.	S 5
S 6	19 50 52	25°39'13	17°24	8°23	14°59	3°22	19°52	7°51	14°52	18°23	0°23	18°53	18°15	18°55	n.a.	S 6
M 7	19 54 48	26°38'05	29°22	9°46	15°32	3°17	20° 0	7°55	14°49	18°26	0°24	18°52	18°12	19° 2	n.a.	M 7
T 8	19 58 45	27°36'58	11♎30	11°14	16° 6	3°10	20° 9	7°59	14°47	18°28	0°25	18°51	18° 9	19° 8	n.a.	T 8
W 9	20 2 41	28°35'54	23°53	12°46	16°42	3° 3	20°17	8° 2	14°45	18°30	0°26	18°D51	18° 6	19°15	n.a.	W 9
T 10	20 6 38	29°34'52	6♏35	14°22	17°20	2°55	20°26	8° 6	14°42	18°32	0°27	18°51	18° 2	19°22	n.a.	T 10
F 11	20 10 34	0♌33'51	19°40	16° 1	17°58	2°46	20°34	8°10	14°40	18°34	0°28	18°51	17°59	19°28	n.a.	F 11
S 12	20 14 31	1°32'52	3♐ 9	17°42	18°38	2°36	20°42	8°14	14°38	18°37	0°29	18°52	17°56	19°35	n.a.	S 12
S 13	20 18 27	2°31'56	17° 6	19°26	19°18	2°25	20°50	8°18	14°35	18°39	0°30	18°53	17°53	19°42	n.a.	S 13
M14	20 22 24	3°31'01	1♑30	21°11	20° 0	2°13	20°58	8°22	14°33	18°41	0°31	18°54	17°50	19°48	n.a.	M14
T 15	20 26 20	4°30'09	16°16	22°57	20°43	2° 1	21° 6	8°26	14°31	18°43	0°32	18°R55	17°47	19°55	n.a.	T 15
W16	20 30 17	5°29'19	1♒20	24°44	21°27	1°48	21°13	8°31	14°28	18°45	0°33	18°55	17°43	20° 2	n.a.	W16
T 17	20 34 14	6°28'30	16°33	26°31	22°12	1°34	21°21	8°35	14°26	18°47	0°33	18°54	17°40	20° 8	n.a.	T 17
F 18	20 38 10	7°27'44	1♓44	28°19	22°58	1°20	21°28	8°39	14°23	18°50	0°34	18°52	17°37	20°15	n.a.	F 18
S 19	20 42 7	8°27'01	16°45	0♌ 8	23°44	1° 4	21°35	8°44	14°21	18°52	0°35	18°49	17°34	20°22	n.a.	S 19
S 20	20 46 3	9°26'19	1♈27	1°56	24°32	0°48	21°42	8°48	14°19	18°54	0°36	18°46	17°31	20°28	n.a.	S 20
M21	20 50 0	10°25'40	15°44	3°44	25°21	0°32	21°49	8°53	14°16	18°56	0°36	18°44	17°28	20°35	n.a.	M21
T 22	20 53 56	11°25'04	29°36	5°31	26°10	0°15	21°56	8°58	14°14	18°58	0°37	18°43	17°24	20°42	n.a.	T 22
W23	20 57 53	12°24'30	13♉ 1	7°19	27° 0	29♒57	22° 3	9° 2	14°11	19° 0	0°38	18°D42	17°21	20°48	n.a.	W23
T 24	21 1 49	13°23'59	26° 1	9° 5	27°51	29°39	22° 9	9° 7	14° 9	19° 2	0°38	18°43	17°18	20°55	n.a.	T 24
F 25	21 5 46	14°23'30	8♊41	10°52	28°43	29°20	22°15	9°12	14° 6	19° 4	0°39	18°44	17°15	21° 2	n.a.	F 25
S 26	21 9 42	15°23'04	21° 3	12°37	29°35	29° 1	22°21	9°17	14° 4	19° 6	0°40	18°46	17°12	21° 8	n.a.	S 26
S 27	21 13 39	16°22'41	3♋12	14°22	0♋28	28°41	22°27	9°22	14° 2	19° 8	0°40	18°47	17° 8	21°15	n.a.	S 27
M28	21 17 36	17°22'19	15°11	16° 6	1°22	28°21	22°33	9°27	13°59	19°10	0°41	18°R48	17° 5	21°22	n.a.	M28
T 29	21 21 32	18°22'00	27° 4	17°50	2°16	28° 1	22°39	9°32	13°57	19°12	0°41	18°48	17° 2	21°28	n.a.	T 29
W30	21 25 29	19°21'43	8♌54	19°33	3°11	27°41	22°44	9°38	13°54	19°14	0°42	18°46	16°59	21°35	n.a.	W30
T 31	21 29 25	20♌21'29	20♌42	21♌15	4♋ 7	27♒20	22♉50	9♎43	13♒52	19♋16	0♊42	18♋43	16♋56	21♌42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	22n17	22n36	0s 4	23n31	0s22	16n57	5s52	15s 5	5s 5	17n22	0s30	0s56	2n20	17s27	0s50	23n22	0n43	21n24	0n47	22n34	22n37	18n 4			n.a.	T 1
W 2	22 8	21 33	1n 2	23 45	0 7	17 6	5 46	15 7	5 6	17 25	0 30	0 57	2 20	17 27	0 50	23 22	0 43	21 24	0 48	22 34	22 37	18 3			n.a.	W 2
T 3	21 58	19 33	2 4	23 58	0n 8	17 15	5 41	15 9	5 7	17 27	0 30	0 59	2 19	17 28	0 50	23 21	0 43	21 25	0 48	22 34	22 38	18 1			n.a.	T 3
F 4	21 48	16 44	3 2	24 10	0 22	17 24	5 35	15 11	5 8	17 30	0 30	1 0	2 19	17 29	0 50	23 21	0 43	21 25	0 48	22 34	22 38	18 0			n.a.	F 4
S 5	21 37	13 14	3 51	24 19	0 35	17 34	5 28	15 14	5 9	17 32	0 30	1 2	2 19	17 29	0 50	23 21	0 43	21 25	0 48	22 34	22 39	17 58			n.a.	S 5
S 6	21 27	9 13	4 31	24 26	0 47	17 43	5 22	15 16	5 10	17 35	0 30	1 4	2 19	17 30	0 50	23 20	0 43	21 25	0 48	22 34	22 39	17 57			n.a.	S 6
M 7	21 15	4 49	4 59	24 31	0 58	17 53	5 16	15 19	5 11	17 37	0 30	1 5	2 19	17 31	0 50	23 20	0 43	21 26	0 48	22 34	22 40	17 55			n.a.	M 7
T 8	21 4	0 10	5 15	24 34	1 8	18 3	5 10	15 23	5 12	17 40	0 30	1 7	2 18	17 31	0 50	23 20	0 43	21 26	0 48	22 34	22 40	17 54			n.a.	T 8
W 9	20 52	4s34	5 16	24 34	1 16	18 13	5 3	15 26	5 13	17 42	0 30	1 9	2 18	17 32	0 50	23 20	0 43	21 26	0 48	22 34	22 40	17 53			n.a.	W 9
T 10	20 39	9 14	5 2	24 31	1 24	18 23	4 57	15 30	5 14	17 44	0 30	1 10	2 18	17 33	0 50	23 19	0 43	21 27	0 48	22 34	22 41	17 51			n.a.	T 10
F 11	20 26	13 38	4 33	24 27	1 31	18 33	4 50	15 34	5 14	17 47	0 30	1 12	2 18	17 34	0 50	23 19	0 43	21 27	0 48	22 34	22 41	17 50			n.a.	F 11
S 12	20 13	17 30	3 47	24 19	1 36	18 43	4 43	15 38	5 15	17 49	0 30	1 14	2 17	17 34	0 50	23 19	0 43	21 27	0 48	22 34	22 42	17 48			n.a.	S 12
S 13	20 0	20 31	2 47	24 9	1 41	18 53	4 37	15 42	5 15	17 51	0 30	1 16	2 17	17 35	0 50	23 18	0 43	21 27	0 48	22 34	22 42	17 47			n.a.	S 13
M14	19 46	22 20	1 35	23 57	1 45	19 3	4 30	15 47	5 15	17 53	0 30	1 18	2 17	17 36	0 50	23 18	0 43	21 28	0 49	22 34	22 43	17 45			n.a.	M14
T 15	19 31	22 40	0 15	23 42	1 48	19 13	4 23	15 51	5 15	17 55	0 30	1 20	2 17	17 36	0 50	23 18	0 43	21 28	0 49	22 34	22 43	17 44			n.a.	T 15
W16	19 17	21 22	1s 8	23 25	1 50	19 23	4 16	15 56	5 15	17 57	0 30	1 21	2 16	17 37	0 50	23 18	0 43	21 28	0 49	22 34	22 43	17 42			n.a.	W16
T 17	19 2	18 32	2 27	23 6	1 52	19 32	4 9	16 1	5 15	17 59	0 30	1 23	2 16	17 38	0 50	23 17	0 43	21 29	0 49	22 34	22 44	17 41			n.a.	T 17
F 18	18 47	14 25	3 35	22 45	1 52	19 42	4 3	16 6	5 15	18 1	0 30	1 25	2 16	17 39	0 50	23 17	0 43	21 29	0 49	22 34	22 44	17 40			n.a.	F 18
S 19	18 31	9 26	4 28	22 22	1 52	19 51	3 56	16 11	5 14	18 3	0 30	1 27	2 16	17 39	0 50	23 17	0 43	21 29	0 49	22 34	22 45	17 38			n.a.	S 19
S 20	18 15	4 0	5 1	21 57	1 52	20 0	3 49	16 17	5 14	18 5	0 29	1 29	2 16	17 40	0 50	23 16	0 43	21 29	0 49	22 35	22 45	17 37			n.a.	S 20
M21	17 59	1n29	5 15	21 30	1 51	20 9	3 42	16 22	5 13	18 7	0 29	1 31	2 15	17 41	0 50	23 16	0 43	21 29	0 49	22 35	22 46	17 35			n.a.	M21
T 22	17 42	6 44	5 10	21 2	1 49	20 17	3 35	16 28	5 12	18 9	0 29	1 34	2 15	17 41	0 50	23 16	0 43	21 30	0 49	22 35	22 46	17 34			n.a.	T 22
W23	17 25	11 30	4 48	20 32	1 47	20 25	3 28	16 33	5 11	18 11	0 29	1 36	2 15	17 42	0 50	23 16	0 43	21 30	0 49	22 35	22 46	17 32			n.a.	W23
T 24	17 8	15 35	4 11	20 1	1 44	20 33	3 21	16 39	5 10	18 12	0 29	1 38	2 15	17 43	0 50	23 15	0 43	21 30	0 49	22 35	22 47	17 31			n.a.	T 24
F 25	16 51	18 51	3 23	19 29	1 41	20 41	3 14	16 45	5 9	18 14	0 29	1 40	2 15	17 44	0 50	23 15	0 43	21 30	0 49	22 35	22 47	17 29			n.a.	F 25
S 26	16 33	21 10	2 27	18 55	1 38	20 48	3 8	16 50	5 8	18 16	0 29	1 42	2 14	17 44	0 50	23 15	0 43	21 31	0 50	22 35	22 48	17 28			n.a.	S 26
S 27	16 15	22 28	1 25	18 21	1 34	20 55	3 1	16 56	5 6	18 17	0 29	1 44	2 14	17 45	0 50	23 14	0 43	21 31	0 50	22 35	22 48	17 26			n.a.	S 27
M28	15 56	22 43	0 20	17 45	1 30	21 1	2 54	17 2	5 5	18 19	0 29	1 46	2 14	17 46	0 50	23 14	0 43	21 31	0 50	22 35	22 48	17 25			n.a.	M28
T 29	15 38	21 54	0n45	17 9	1 25	21 7	2 47	17 7	5 3	18 20	0 29	1 49	2 14	17 46	0 50	23 14	0 43	21 31	0 50	22 35	22 49	17 23			n.a.	T 29
W30	15 19	20 8	1 48	16 32	1 21	21 13	2 40	17 13	5 1	18 22	0 29	1 51	2 14	17 47	0 50	23 14	0 43	21 31	0 50	22 35	22 49	17 21			n.a.	W30
T 31	15n 0	17n30	2n46	15n54	1n16	21n18	2s34	17s18	4s59	18n23	0s29	1s53	2n13	17s48	0s50	23n13	0n43	21n32	0n50	22n35	22n50	17n20			n.a.	T 31

Julian Day Number = 983465.5, Delta T = 13h11m03s
Ecliptic obliquity = 23°55'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'38, Lahiri = -31°48'37 Julian Calendar 1 Aug. 2021 BCE == Greg. Calendar 15 July 2021 BCE

The year -2020 astronomical counting style corresponds to year 2021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

SEPTEMBER 2021 BCE (-2020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 33 22	21♌21'16	2♍31	22♌57	5♋ 3	26°R59	22♉55	9♎48	13°R50	19♋18	0♊43	18°R38	16♋53	21♌48	n.a.	F 1
S 2	21 37 18	22°21'06	14°23	24°38	6° 0	26♒39	23° 0	9°54	13♒47	19°20	0°43	18♋32	16°49	21°55	n.a.	S 2
S 3	21 41 15	23°20'57	26°20	26°18	6°57	26°18	23° 4	9°59	13°45	19°22	0°44	18°25	16°46	22° 2	n.a.	S 3
M 4	21 45 11	24°20'51	8♎22	27°58	7°55	25°57	23° 9	10° 5	13°42	19°24	0°44	18°19	16°43	22° 8	n.a.	M 4
T 5	21 49 8	25°20'47	20°34	29°37	8°53	25°36	23°13	10°10	13°40	19°26	0°44	18°13	16°40	22°15	n.a.	T 5
W 6	21 53 4	26°20'44	2♏58	1♍15	9°52	25°15	23°18	10°16	13°38	19°28	0°45	18° 9	16°37	22°22	n.a.	W 6
T 7	21 57 1	27°20'44	15°38	2°53	10°51	24°55	23°22	10°21	13°35	19°30	0°45	18° 7	16°33	22°28	n.a.	T 7
F 8	22 0 58	28°20'45	28°35	4°30	11°50	24°35	23°26	10°27	13°33	19°32	0°45	18°D 6	16°30	22°35	n.a.	F 8
S 9	22 4 54	29°20'48	11♐55	6° 7	12°51	24°15	23°29	10°33	13°31	19°33	0°45	18° 6	16°27	22°42	n.a.	S 9
S 10	22 8 51	0♍20'53	25°40	7°43	13°51	23°55	23°33	10°39	13°28	19°35	0°46	18° 8	16°24	22°49	n.a.	S 10
M11	22 12 47	1°20'59	9♑50	9°18	14°52	23°36	23°36	10°45	13°26	19°37	0°46	18° 9	16°21	22°55	n.a.	M11
T 12	22 16 44	2°21'08	24°26	10°53	15°54	23°17	23°40	10°51	13°24	19°39	0°46	18°R 9	16°18	23° 2	n.a.	T 12
W13	22 20 40	3°21'18	9♒23	12°28	16°55	22°58	23°43	10°57	13°22	19°41	0°46	18° 7	16°14	23° 9	n.a.	W13
T 14	22 24 37	4°21'30	24°35	14° 2	17°58	22°40	23°45	11° 3	13°19	19°42	0°46	18° 3	16°11	23°15	n.a.	T 14
F 15	22 28 33	5°21'44	9♓51	15°35	19° 0	22°23	23°48	11° 9	13°17	19°44	0°46	17°58	16° 8	23°22	n.a.	F 15
S 16	22 32 30	6°22'00	25° 3	17° 8	20° 3	22° 6	23°50	11°15	13°15	19°46	0°46	17°50	16° 5	23°29	n.a.	S 16
S 17	22 36 26	7°22'18	9♈58	18°40	21° 6	21°50	23°53	11°21	13°13	19°47	0°46	17°42	16° 2	23°35	n.a.	S 17
M18	22 40 23	8°22'38	24°29	20°12	22°10	21°34	23°55	11°27	13°11	19°49	0°R46	17°35	15°59	23°42	n.a.	M18
T 19	22 44 20	9°23'00	8♉31	21°44	23°14	21°19	23°57	11°33	13° 8	19°50	0°46	17°29	15°55	23°49	n.a.	T 19
W20	22 48 16	10°23'24	22° 4	23°15	24°18	21° 5	23°58	11°40	13° 6	19°52	0°46	17°25	15°52	23°55	n.a.	W20
T 21	22 52 13	11°23'51	5♊ 8	24°46	25°23	20°51	24° 0	11°46	13° 4	19°54	0°46	17°23	15°49	24° 2	n.a.	T 21
F 22	22 56 9	12°24'19	17°47	26°16	26°28	20°38	24° 1	11°52	13° 2	19°55	0°46	17°D23	15°46	24° 9	n.a.	F 22
S 23	23 0 6	13°24'50	0♋ 6	27°46	27°33	20°26	24° 2	11°59	13° 0	19°57	0°46	17°24	15°43	24°15	n.a.	S 23
S 24	23 4 2	14°25'23	12°10	29°15	28°39	20°14	24° 3	12° 5	12°58	19°58	0°46	17°R25	15°39	24°22	n.a.	S 24
M25	23 7 59	15°25'58	24° 4	0♎44	29°45	20° 4	24° 4	12°12	12°56	20° 0	0°46	17°25	15°36	24°29	n.a.	M25
T 26	23 11 55	16°26'35	5♌53	2°13	0♌51	19°54	24° 4	12°18	12°54	20° 1	0°46	17°23	15°33	24°35	n.a.	T 26
W27	23 15 52	17°27'13	17°40	3°41	1°57	19°45	24° 5	12°25	12°53	20° 2	0°45	17°18	15°30	24°42	n.a.	W27
T 28	23 19 49	18°27'54	29°29	5° 8	3° 4	19°36	24°R 5	12°31	12°51	20° 4	0°45	17°11	15°27	24°49	n.a.	T 28
F 29	23 23 45	19°28'36	11♍22	6°35	4°10	19°29	24° 4	12°38	12°49	20° 5	0°45	17° 1	15°24	24°55	n.a.	F 29
S 30	23 27 42	20♍29'20	23♍21	8♎ 1	5♌18	19♒22	24♉ 4	12♎44	12♒47	20♋ 6	0♊45	16♋50	15♋20	25♌ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n40	14n 8	3n36	15n15	1n10	21n23	2s27	17s23	4s57	18n24	0s29	1s56	2n13	17s49	0s50	23n13	0n43	21n32	0n50	22n36	22n50	17n18		n.a.
S 2	14 21	10 13	4 18	14 36	1 5	21 27	2 20	17 29	4 54	18 26	0 29	1 58	2 13	17 49	0 50	23 13	0 43	21 32	0 50	22 37	22 51	17 17		n.a.
S 3	14 1	5 53	4 48	13 56	0 59	21 31	2 14	17 34	4 52	18 27	0 29	2 0	2 13	17 50	0 50	23 13	0 43	21 32	0 50	22 38	22 51	17 15		n.a.
M 4	13 40	1 17	5 6	13 16	0 54	21 34	2 7	17 39	4 49	18 28	0 29	2 3	2 13	17 51	0 50	23 12	0 43	21 32	0 50	22 39	22 51	17 14		n.a.
T 5	13 20	3s25	5 11	12 35	0 48	21 37	2 1	17 43	4 46	18 29	0 29	2 5	2 12	17 51	0 50	23 12	0 43	21 32	0 50	22 39	22 52	17 12		n.a.
W 6	12 59	8 3	5 1	11 54	0 42	21 39	1 54	17 48	4 43	18 31	0 29	2 7	2 12	17 52	0 50	23 12	0 43	21 33	0 50	22 40	22 52	17 11		n.a.
T 7	12 38	12 27	4 36	11 12	0 36	21 41	1 48	17 52	4 40	18 32	0 29	2 10	2 12	17 53	0 50	23 12	0 44	21 33	0 51	22 40	22 53	17 9		n.a.
F 8	12 17	16 24	3 57	10 30	0 29	21 42	1 41	17 56	4 37	18 33	0 29	2 12	2 12	17 53	0 50	23 11	0 44	21 33	0 51	22 40	22 53	17 8		n.a.
S 9	11 56	19 38	3 4	9 48	0 23	21 43	1 35	18 0	4 34	18 34	0 29	2 15	2 12	17 54	0 50	23 11	0 44	21 33	0 51	22 40	22 53	17 6		n.a.
S 10	11 34	21 52	1 59	9 6	0 16	21 43	1 29	18 4	4 31	18 35	0 29	2 17	2 12	17 55	0 50	23 11	0 44	21 33	0 51	22 40	22 54	17 4		n.a.
M11	11 13	22 48	0 45	8 24	0 10	21 42	1 23	18 7	4 28	18 36	0 29	2 20	2 11	17 55	0 50	23 11	0 44	21 33	0 51	22 40	22 54	17 3		n.a.
T 12	10 51	22 14	0s34	7 41	0 3	21 41	1 17	18 10	4 24	18 36	0 29	2 22	2 11	17 56	0 50	23 10	0 44	21 33	0 51	22 40	22 55	17 1		n.a.
W13	10 29	20 4	1 52	6 58	0s 3	21 40	1 11	18 13	4 21	18 37	0 29	2 25	2 11	17 57	0 50	23 10	0 44	21 34	0 51	22 40	22 55	17 0		n.a.
T 14	10 6	16 29	3 4	6 15	0 10	21 37	1 5	18 16	4 17	18 38	0 28	2 27	2 11	17 57	0 50	23 10	0 44	21 34	0 51	22 41	22 55	16 58		n.a.
F 15	9 44	11 45	4 3	5 33	0 17	21 35	0 59	18 19	4 13	18 39	0 28	2 30	2 11	17 58	0 50	23 10	0 44	21 34	0 51	22 42	22 56	16 56		n.a.
S 16	9 21	6 20	4 44	4 50	0 23	21 31	0 53	18 21	4 9	18 39	0 28	2 32	2 11	17 59	0 50	23 10	0 44	21 34	0 51	22 43	22 56	16 55		n.a.
S 17	8 59	0 38	5 5	4 7	0 30	21 27	0 47	18 23	4 6	18 40	0 28	2 35	2 11	17 59	0 50	23 9	0 44	21 34	0 51	22 44	22 56	16 53		n.a.
M18	8 36	4n57	5 5	3 24	0 36	21 23	0 42	18 24	4 2	18 40	0 28	2 37	2 10	18 0	0 50	23 9	0 44	21 34	0 52	22 45	22 57	16 52		n.a.
T 19	8 13	10 6	4 47	2 41	0 43	21 17	0 36	18 25	3 58	18 41	0 28	2 40	2 10	18 0	0 50	23 9	0 44	21 34	0 52	22 45	22 57	16 50		n.a.
W20	7 49	14 35	4 13	1 58	0 50	21 12	0 30	18 26	3 54	18 41	0 28	2 43	2 10	18 1	0 50	23 9	0 44	21 34	0 52	22 46	22 58	16 48		n.a.
T 21	7 26	18 12	3 27	1 16	0 56	21 5	0 25	18 27	3 50	18 42	0 28	2 45	2 10	18 2	0 50	23 8	0 44	21 34	0 52	22 46	22 58	16 47		n.a.
F 22	7 2	20 49	2 32	0 34	1 2	20 58	0 20	18 28	3 46	18 42	0 28	2 48	2 10	18 2	0 50	23 8	0 44	21 34	0 52	22 46	22 58	16 45		n.a.
S 23	6 39	22 24	1 32	0s 9	1 9	20 50	0 14	18 28	3 42	18 43	0 28	2 51	2 10	18 3	0 50	23 8	0 44	21 34	0 52	22 46	22 59	16 43		n.a.
S 24	6 15	22 53	0 28	0 51	1 15	20 42	0 9	18 28	3 38	18 43	0 28	2 53	2 10	18 3	0 50	23 8	0 44	21 34	0 52	22 46	22 59	16 42		n.a.
M25	5 51	22 19	0n36	1 32	1 21	20 33	0 4	18 27	3 34	18 43	0 28	2 56	2 9	18 4	0 50	23 8	0 44	21 35	0 52	22 46	23 0	16 40		n.a.
T 26	5 27	20 45	1 37	2 14	1 27	20 24	0n 1	18 27	3 30	18 43	0 28	2 59	2 9	18 4	0 50	23 8	0 44	21 35	0 52	22 46	23 0	16 38		n.a.
W27	5 3	18 18	2 34	2 55	1 33	20 13	0 6	18 26	3 25	18 43	0 28	3 1	2 9	18 5	0 50	23 7	0 44	21 35	0 52	22 47	23 0	16 37		n.a.
T 28	4 39	15 4	3 25	3 35	1 39	20 3	0 11	18 25	3 21	18 43	0 28	3 4	2 9	18 5	0 50	23 7	0 44	21 35	0 52	22 48	23 1	16 35		n.a.
F 29	4 15	11 14	4 7	4 16	1 45	19 51	0 15	18 23	3 17	18 43	0 28	3 7	2 9	18 6	0 50	23 7	0 44	21 35	0 53	22 49	23 1	16 33		n.a.
S 30	3n51	6n56	4n38	4s55	1s50	19n39	0n20	18s22	3s13	18n43	0s28	3s 9	2n 9	18s 6	0s50	23n 7	0n44	21n35	0n53	22n51	23n 1	16n32		n.a.

Julian Day Number = 983496.5, Delta T = 13h11m00s
Ecliptic obliquity = 23°55'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'34, Lahiri = -31°48'33 Julian Calendar 1 Sept. 2021 BCE == Greg. Calendar 15 Aug. 2021 BCE

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

OCTOBER 2021 BCE (-2020) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 31 38	21♍30'05	5♎27	9♎27	6♌25	19°R16	24°R 4	12♎51	12°R45	20♋ 8	0°R44	16°R37	15♋17	25♌ 9	n.a.	S 1
M 2	23 35 35	22°30'52	17°41	10°52	7°32	19♒11	24♉ 3	12°58	12♒44	20° 9	0♊44	16♋24	15°14	25°15	n.a.	M 2
T 3	23 39 31	23°31'40	0♏ 4	12°16	8°40	19° 7	24° 2	13° 4	12°42	20°10	0°44	16°13	15°11	25°22	n.a.	T 3
W 4	23 43 28	24°32'30	12°37	13°39	9°48	19° 4	24° 1	13°11	12°40	20°11	0°43	16° 3	15° 8	25°29	n.a.	W 4
T 5	23 47 24	25°33'21	25°22	15° 2	10°56	19° 1	24° 0	13°18	12°39	20°13	0°43	15°57	15° 4	25°35	n.a.	T 5
F 6	23 51 21	26°34'13	8♐21	16°23	12° 5	18°59	23°58	13°25	12°37	20°14	0°42	15°53	15° 1	25°42	n.a.	F 6
S 7	23 55 17	27°35'07	21°36	17°43	13°14	18°58	23°56	13°31	12°36	20°15	0°42	15°51	14°58	25°49	n.a.	S 7
S 8	23 59 14	28°36'01	5♑11	19° 1	14°22	18°D58	23°54	13°38	12°34	20°16	0°41	15°D51	14°55	25°55	n.a.	S 8
M 9	0 3 11	29°36'57	19° 6	20°18	15°31	18°59	23°52	13°45	12°33	20°17	0°41	15°R51	14°52	26° 2	n.a.	M 9
T 10	0 7 7	0♎37'54	3♒24	21°33	16°40	19° 0	23°50	13°52	12°31	20°18	0°40	15°50	14°49	26° 9	n.a.	T 10
W11	0 11 4	1°38'51	18° 1	22°47	17°50	19° 3	23°47	13°59	12°30	20°19	0°40	15°47	14°45	26°15	n.a.	W11
T 12	0 15 0	2°39'50	2♓55	23°57	18°59	19° 6	23°45	14° 6	12°29	20°20	0°39	15°41	14°42	26°22	n.a.	T 12
F 13	0 18 57	3°40'50	17°58	25° 5	20° 9	19°10	23°42	14°13	12°27	20°21	0°39	15°32	14°39	26°29	n.a.	F 13
S 14	0 22 53	4°41'50	3♈ 1	26°10	21°19	19°14	23°39	14°20	12°26	20°22	0°38	15°21	14°36	26°36	n.a.	S 14
S 15	0 26 50	5°42'52	17°54	27°12	22°29	19°19	23°35	14°26	12°25	20°23	0°37	15° 9	14°33	26°42	n.a.	S 15
M16	0 30 46	6°43'55	2♉28	28° 9	23°39	19°25	23°32	14°33	12°24	20°23	0°37	14°58	14°30	26°49	n.a.	M16
T 17	0 34 43	7°45'00	16°36	29° 2	24°49	19°32	23°28	14°40	12°23	20°24	0°36	14°48	14°26	26°56	n.a.	T 17
W18	0 38 40	8°46'06	0♊15	29°50	26° 0	19°39	23°24	14°47	12°22	20°25	0°35	14°41	14°23	27° 2	n.a.	W18
T 19	0 42 36	9°47'13	13°26	0♏32	27°11	19°48	23°20	14°54	12°21	20°26	0°35	14°36	14°20	27° 9	n.a.	T 19
F 20	0 46 33	10°48'21	26°10	1° 7	28°21	19°56	23°16	15° 1	12°20	20°26	0°34	14°34	14°17	27°16	n.a.	F 20
S 21	0 50 29	11°49'30	8♋32	1°35	29°32	20° 6	23°12	15° 8	12°19	20°27	0°33	14°33	14°14	27°22	n.a.	S 21
S 22	0 54 26	12°50'41	20°37	1°54	0♍43	20°16	23° 7	15°15	12°18	20°28	0°32	14°33	14°10	27°29	n.a.	S 22
M23	0 58 22	13°51'53	2♌31	2° 5	1°54	20°26	23° 3	15°22	12°17	20°28	0°31	14°33	14° 7	27°36	n.a.	M23
T 24	1 2 19	14°53'05	14°19	2°R 5	3° 6	20°38	22°58	15°29	12°16	20°29	0°31	14°30	14° 4	27°42	n.a.	T 24
W25	1 6 16	15°54'19	26° 7	1°55	4°17	20°50	22°53	15°36	12°16	20°29	0°30	14°25	14° 1	27°49	n.a.	W25
T 26	1 10 12	16°55'34	7♍58	1°33	5°29	21° 2	22°47	15°43	12°15	20°30	0°29	14°16	13°58	27°56	n.a.	T 26
F 27	1 14 9	17°56'50	19°56	1° 0	6°40	21°15	22°42	15°50	12°14	20°30	0°28	14° 5	13°55	28° 2	n.a.	F 27
S 28	1 18 5	18°58'06	2♎ 4	0°16	7°52	21°29	22°36	15°57	12°14	20°31	0°27	13°52	13°51	28° 9	n.a.	S 28
S 29	1 22 2	19°59'23	14°21	29♎21	9° 4	21°43	22°31	16° 4	12°13	20°31	0°26	13°37	13°48	28°16	n.a.	S 29
M30	1 25 58	21° 0'41	26°51	28°16	10°16	21°58	22°25	16°11	12°13	20°31	0°25	13°23	13°45	28°22	n.a.	M30
T 31	1 29 55	22♎ 1'59	9♏31	27♎ 4	11♍28	22♒13	22♉19	16♎18	12♒12	20♋32	0♊24	13♋10	13♋42	28♌29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n26	2n19	4n57	5s35	1s55	19n27	0n25	18s20	3s 9	18n43	0s28	3s12	2n 9	18s 7	0s50	23n 7	0n44	21n35	0n53	22n52	23n 2	16n30		n.a.
M 2	3 2	2s26	5 2	6 13	2 0	19 14	0 29	18 18	3 5	18 43	0 28	3 15	2 9	18 7	0 50	23 7	0 44	21 35	0 53	22 54	23 2	16 28		n.a.
T 3	2 37	7 9	4 54	6 51	2 5	19 0	0 34	18 15	3 1	18 43	0 27	3 18	2 9	18 8	0 50	23 6	0 44	21 35	0 53	22 55	23 3	16 27		n.a.
W 4	2 13	11 38	4 31	7 28	2 9	18 46	0 38	18 12	2 57	18 43	0 27	3 20	2 9	18 8	0 49	23 6	0 44	21 35	0 53	22 56	23 3	16 25		n.a.
T 5	1 48	15 42	3 54	8 5	2 13	18 31	0 42	18 10	2 53	18 43	0 27	3 23	2 8	18 9	0 49	23 6	0 44	21 35	0 53	22 57	23 3	16 23		n.a.
F 6	1 23	19 6	3 5	8 40	2 17	18 15	0 46	18 6	2 49	18 42	0 27	3 26	2 8	18 9	0 49	23 6	0 44	21 35	0 53	22 58	23 4	16 22		n.a.
S 7	0 59	21 35	2 5	9 15	2 21	17 59	0 50	18 3	2 45	18 42	0 27	3 29	2 8	18 10	0 49	23 6	0 44	21 35	0 53	22 58	23 4	16 20		n.a.
S 8	0 34	22 53	0 56	9 48	2 24	17 42	0 54	17 59	2 41	18 41	0 27	3 31	2 8	18 10	0 49	23 6	0 44	21 35	0 53	22 58	23 4	16 18		n.a.
M 9	0 9	22 49	0s17	10 20	2 26	17 25	0 58	17 56	2 38	18 41	0 27	3 34	2 8	18 10	0 49	23 6	0 45	21 35	0 53	22 58	23 5	16 17		n.a.
T 10	0s15	21 16	1 32	10 51	2 28	17 8	1 1	17 51	2 34	18 41	0 27	3 37	2 8	18 11	0 49	23 5	0 45	21 35	0 53	22 58	23 5	16 15		n.a.
W11	0 40	18 18	2 42	11 21	2 30	16 49	1 5	17 47	2 30	18 40	0 27	3 40	2 8	18 11	0 49	23 5	0 45	21 35	0 54	22 58	23 5	16 13		n.a.
T 12	1 5	14 4	3 42	11 49	2 31	16 31	1 8	17 43	2 26	18 39	0 27	3 43	2 8	18 11	0 49	23 5	0 45	21 35	0 54	22 59	23 6	16 11		n.a.
F 13	1 30	8 56	4 27	12 15	2 31	16 11	1 12	17 38	2 23	18 39	0 27	3 45	2 8	18 12	0 49	23 5	0 45	21 35	0 54	23 0	23 6	16 10		n.a.
S 14	1 54	3 15	4 54	12 39	2 31	15 52	1 15	17 33	2 19	18 38	0 27	3 48	2 8	18 12	0 49	23 5	0 45	21 34	0 54	23 1	23 6	16 8		n.a.
S 15	2 19	2n33	5 0	13 0	2 30	15 31	1 18	17 28	2 16	18 37	0 27	3 51	2 8	18 12	0 49	23 5	0 45	21 34	0 54	23 3	23 7	16 6		n.a.
M16	2 44	8 5	4 47	13 20	2 28	15 11	1 21	17 23	2 12	18 36	0 27	3 54	2 8	18 13	0 49	23 5	0 45	21 34	0 54	23 4	23 7	16 4		n.a.
T 17	3 8	13 3	4 16	13 36	2 25	14 49	1 24	17 17	2 9	18 36	0 26	3 57	2 8	18 13	0 49	23 5	0 45	21 34	0 54	23 5	23 8	16 3		n.a.
W18	3 33	17 10	3 31	13 50	2 21	14 28	1 27	17 12	2 5	18 35	0 26	3 59	2 8	18 13	0 49	23 5	0 45	21 34	0 54	23 6	23 8	16 1		n.a.
T 19	3 57	20 17	2 37	14 0	2 16	14 6	1 29	17 6	2 2	18 34	0 26	4 2	2 7	18 14	0 49	23 5	0 45	21 34	0 54	23 6	23 8	15 59		n.a.
F 20	4 22	22 16	1 36	14 7	2 10	13 43	1 32	17 0	1 58	18 33	0 26	4 5	2 7	18 14	0 49	23 4	0 45	21 34	0 54	23 7	23 9	15 57		n.a.
S 21	4 46	23 7	0 32	14 10	2 2	13 20	1 34	16 54	1 55	18 32	0 26	4 8	2 7	18 14	0 49	23 4	0 45	21 34	0 54	23 7	23 9	15 56		n.a.
S 22	5 10	22 50	0n32	14 9	1 53	12 57	1 37	16 48	1 52	18 31	0 26	4 10	2 7	18 14	0 49	23 4	0 45	21 34	0 55	23 7	23 9	15 54		n.a.
M23	5 35	21 31	1 34	14 3	1 43	12 33	1 39	16 41	1 49	18 29	0 26	4 13	2 7	18 14	0 49	23 4	0 45	21 34	0 55	23 7	23 10	15 52		n.a.
T 24	5 59	19 16	2 30	13 52	1 31	12 9	1 41	16 34	1 46	18 28	0 26	4 16	2 7	18 15	0 49	23 4	0 45	21 34	0 55	23 7	23 10	15 50		n.a.
W25	6 23	16 12	3 21	13 35	1 17	11 44	1 43	16 28	1 43	18 27	0 26	4 19	2 7	18 15	0 49	23 4	0 45	21 34	0 55	23 8	23 10	15 49		n.a.
T 26	6 47	12 29	4 3	13 13	1 2	11 19	1 45	16 21	1 40	18 26	0 26	4 21	2 7	18 15	0 49	23 4	0 45	21 34	0 55	23 9	23 11	15 47		n.a.
F 27	7 11	8 15	4 34	12 46	0 45	10 54	1 47	16 13	1 37	18 25	0 26	4 24	2 7	18 15	0 49	23 4	0 45	21 33	0 55	23 10	23 11	15 45		n.a.
S 28	7 34	3 38	4 53	12 13	0 27	10 28	1 49	16 6	1 34	18 23	0 25	4 27	2 7	18 15	0 49	23 4	0 45	21 33	0 55	23 11	23 11	15 43		n.a.
S 29	7 58	1s11	5 0	11 36	0 8	10 2	1 50	15 59	1 31	18 22	0 25	4 30	2 7	18 15	0 49	23 4	0 45	21 33	0 55	23 13	23 12	15 41		n.a.
M30	8 22	6 2	4 52	10 53	0n12	9 36	1 52	15 51	1 28	18 20	0 25	4 32	2 7	18 15	0 49	23 4	0 45	21 33	0 55	23 14	23 12	15 40		n.a.
T 31	8s45	10s42	4n29	10s 8	0n32	9n 9	1n53	15s43	1s25	18n19	0s25	4s35	2n 7	18s15	0s49	23n 4	0n45	21n33	0n55	23n16	23n12	15n38		n.a.

Julian Day Number = 983526.5, Delta T = 13h10m58s
Ecliptic obliquity = 23°55'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'30, Lahiri = -31°48'29 Julian Calendar 1 Oct. 2021 BCE == Greg. Calendar 14 Sept. 2021 BCE

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

NOVEMBER 2021 BCE (-2020) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 33 51	23♎ 3'18	22♏22	25°R45	12♍40	22♒29	22°R12	16♎25	12°R12	20♋32	0°R23	12°R59	13♋39	28♌36	n.a.	W 1
T 2	1 37 48	24° 4'37	5♐24	24♎23	13°52	22°45	22♉ 6	16°32	12♒12	20°32	0♊22	12♋51	13°36	28°43	n.a.	T 2
F 3	1 41 45	25° 5'56	18°36	23° 0	15° 5	23° 2	22° 0	16°39	12°11	20°33	0°21	12°46	13°32	28°49	n.a.	F 3
S 4	1 45 41	26° 7'16	2♑ 0	21°40	16°17	23°20	21°53	16°46	12°11	20°33	0°20	12°44	13°29	28°56	n.a.	S 4
S 5	1 49 38	27° 8'35	15°36	20°24	17°30	23°38	21°46	16°53	12°11	20°33	0°19	12°D44	13°26	29° 3	n.a.	S 5
M 6	1 53 34	28° 9'55	29°26	19°16	18°42	23°56	21°40	17° 0	12°11	20°33	0°18	12°R44	13°23	29° 9	n.a.	M 6
T 7	1 57 31	29°11'14	13♒30	18°16	19°55	24°15	21°33	17° 7	12°11	20°33	0°17	12°43	13°20	29°16	n.a.	T 7
W 8	2 1 27	0♏12'34	27°48	17°26	21° 7	24°34	21°26	17°14	12°D11	20°33	0°16	12°40	13°16	29°23	n.a.	W 8
T 9	2 5 24	1°13'53	12♓17	16°47	22°20	24°54	21°19	17°20	12°11	20°R33	0°15	12°35	13°13	29°29	n.a.	T 9
F 10	2 9 20	2°15'12	26°54	16°18	23°33	25°14	21°11	17°27	12°11	20°33	0°14	12°27	13°10	29°36	n.a.	F 10
S 11	2 13 17	3°16'31	11♈32	16° 0	24°46	25°34	21° 4	17°34	12°11	20°33	0°12	12°17	13° 7	29°43	n.a.	S 11
S 12	2 17 14	4°17'50	26° 5	15°D52	25°59	25°55	20°56	17°41	12°11	20°33	0°11	12° 5	13° 4	29°49	n.a.	S 12
M13	2 21 10	5°19'09	10♉24	15°54	27°12	26°16	20°49	17°48	12°12	20°33	0°10	11°54	13° 1	29°56	n.a.	M13
T 14	2 25 7	6°20'28	24°23	16° 5	28°25	26°38	20°41	17°54	12°12	20°33	0° 9	11°45	12°57	0♍ 3	n.a.	T 14
W15	2 29 3	7°21'47	7♊59	16°24	29°38	27° 0	20°34	18° 1	12°12	20°32	0° 8	11°38	12°54	0° 9	n.a.	W15
T 16	2 33 0	8°23'06	21°10	16°50	0♎51	27°22	20°26	18° 8	12°13	20°32	0° 7	11°33	12°51	0°16	n.a.	T 16
F 17	2 36 56	9°24'25	3♋57	17°23	2° 5	27°45	20°18	18°15	12°13	20°32	0° 5	11°31	12°48	0°23	n.a.	F 17
S 18	2 40 53	10°25'44	16°23	18° 2	3°18	28° 8	20°10	18°21	12°14	20°32	0° 4	11°D31	12°45	0°30	n.a.	S 18
S 19	2 44 50	11°27'04	28°32	18°47	4°31	28°32	20° 2	18°28	12°14	20°31	0° 3	11°32	12°41	0°36	n.a.	S 19
M20	2 48 46	12°28'23	10♌29	19°36	5°45	28°55	19°54	18°34	12°15	20°31	0° 2	11°R32	12°38	0°43	n.a.	M20
T 21	2 52 43	13°29'42	22°19	20°30	6°58	29°19	19°46	18°41	12°15	20°31	0° 0	11°32	12°35	0°50	n.a.	T 21
W22	2 56 39	14°31'01	4♍ 9	21°27	8°12	29°44	19°38	18°48	12°16	20°30	29♉59	11°29	12°32	0°56	n.a.	W22
T 23	3 0 36	15°32'20	16° 2	22°28	9°25	0♓ 8	19°30	18°54	12°17	20°30	29°58	11°25	12°29	1° 3	n.a.	T 23
F 24	3 4 32	16°33'38	28° 4	23°31	10°39	0°33	19°22	19° 1	12°18	20°29	29°57	11°18	12°26	1°10	n.a.	F 24
S 25	3 8 29	17°34'56	10♎17	24°38	11°52	0°58	19°14	19° 7	12°19	20°29	29°55	11° 9	12°22	1°16	n.a.	S 25
S 26	3 12 26	18°36'14	22°45	25°47	13° 6	1°24	19° 6	19°13	12°20	20°28	29°54	10°59	12°19	1°23	n.a.	S 26
M27	3 16 22	19°37'32	5♏28	26°58	14°20	1°50	18°58	19°20	12°20	20°27	29°53	10°49	12°16	1°30	n.a.	M27
T 28	3 20 19	20°38'49	18°26	28°11	15°33	2°16	18°50	19°26	12°22	20°27	29°52	10°39	12°13	1°36	n.a.	T 28
W29	3 24 15	21°40'05	1♐39	29°25	16°47	2°42	18°42	19°32	12°23	20°26	29°50	10°32	12°10	1°43	n.a.	W29
T 30	3 28 12	22♏41'21	15♐ 5	0♏42	18♎ 1	3♓ 9	18♉34	19♎39	12♒24	20♋26	29♉49	10♋27	12♋ 7	1♍50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9s 8	14s59	3n53	9s20	0n53	8n42	1n55	15s36	1s22	18n17	0s25	4s38	2n 7	18s16	0s49	23n 4	0n45	21n33	0n55	23n17	23n13	15n36		n.a.
T 2	9 31	18 38	3 4	8 31	1 13	8 15	1 56	15 28	1 20	18 16	0 25	4 41	2 7	18 16	0 48	23 4	0 45	21 33	0 55	23 17	23 13	15 34		n.a.
F 3	9 54	21 22	2 4	7 42	1 32	7 47	1 57	15 19	1 17	18 14	0 25	4 43	2 7	18 16	0 48	23 4	0 45	21 32	0 56	23 18	23 13	15 32		n.a.
S 4	10 17	22 58	0 57	6 56	1 49	7 19	1 58	15 11	1 14	18 13	0 25	4 46	2 7	18 16	0 48	23 4	0 46	21 32	0 56	23 18	23 14	15 31		n.a.
S 5	10 40	23 15	0s15	6 12	2 5	6 51	1 59	15 3	1 12	18 11	0 25	4 49	2 7	18 16	0 48	23 4	0 46	21 32	0 56	23 18	23 14	15 29		n.a.
M 6	11 2	22 6	1 27	5 34	2 19	6 23	2 0	14 54	1 9	18 9	0 24	4 51	2 7	18 16	0 48	23 4	0 46	21 32	0 56	23 18	23 14	15 27		n.a.
T 7	11 24	19 35	2 35	5 0	2 30	5 55	2 0	14 45	1 7	18 8	0 24	4 54	2 7	18 16	0 48	23 4	0 46	21 32	0 56	23 18	23 15	15 25		n.a.
W 8	11 46	15 50	3 35	4 32	2 39	5 26	2 1	14 36	1 4	18 6	0 24	4 57	2 7	18 16	0 48	23 4	0 46	21 32	0 56	23 18	23 15	15 23		n.a.
T 9	12 8	11 6	4 21	4 10	2 46	4 57	2 1	14 28	1 2	18 4	0 24	4 59	2 7	18 16	0 48	23 4	0 46	21 32	0 56	23 19	23 15	15 21		n.a.
F 10	12 30	5 41	4 51	3 54	2 51	4 28	2 2	14 18	1 0	18 2	0 24	5 2	2 7	18 15	0 48	23 4	0 46	21 31	0 56	23 20	23 16	15 20		n.a.
S 11	12 51	0n 2	5 2	3 44	2 55	3 59	2 2	14 9	0 57	18 0	0 24	5 5	2 7	18 15	0 48	23 4	0 46	21 31	0 56	23 21	23 16	15 18		n.a.
S 12	13 13	5 44	4 53	3 40	2 56	3 30	2 2	14 0	0 55	17 58	0 24	5 7	2 7	18 15	0 48	23 4	0 46	21 31	0 56	23 22	23 16	15 16		n.a.
M13	13 34	11 2	4 26	3 41	2 56	3 0	2 2	13 50	0 53	17 57	0 24	5 10	2 7	18 15	0 48	23 4	0 46	21 31	0 56	23 23	23 17	15 14		n.a.
T 14	13 54	15 39	3 43	3 46	2 55	2 30	2 2	13 41	0 51	17 55	0 23	5 13	2 7	18 15	0 48	23 4	0 46	21 31	0 56	23 24	23 17	15 12		n.a.
W15	14 15	19 19	2 49	3 55	2 53	2 1	2 2	13 31	0 48	17 53	0 23	5 15	2 7	18 15	0 48	23 5	0 46	21 31	0 56	23 24	23 17	15 10		n.a.
T 16	14 35	21 51	1 46	4 9	2 49	1 31	2 2	13 21	0 46	17 51	0 23	5 18	2 7	18 15	0 48	23 5	0 46	21 30	0 57	23 25	23 17	15 8		n.a.
F 17	14 55	23 12	0 40	4 26	2 45	1 1	2 2	13 11	0 44	17 49	0 23	5 20	2 7	18 15	0 48	23 5	0 46	21 30	0 57	23 25	23 18	15 6		n.a.
S 18	15 15	23 20	0n26	4 45	2 40	0 31	2 1	13 1	0 42	17 47	0 23	5 23	2 7	18 14	0 48	23 5	0 46	21 30	0 57	23 25	23 18	15 5		n.a.
S 19	15 34	22 20	1 30	5 8	2 35	0 1	2 1	12 51	0 40	17 45	0 23	5 25	2 7	18 14	0 48	23 5	0 46	21 30	0 57	23 25	23 18	15 3		n.a.
M20	15 54	20 21	2 29	5 32	2 29	0s29	2 0	12 41	0 38	17 43	0 23	5 28	2 7	18 14	0 48	23 5	0 46	21 30	0 57	23 25	23 19	15 1		n.a.
T 21	16 12	17 30	3 20	5 59	2 22	1 0	2 0	12 30	0 36	17 41	0 22	5 30	2 7	18 14	0 48	23 5	0 46	21 29	0 57	23 25	23 19	14 59		n.a.
W22	16 31	13 57	4 4	6 27	2 15	1 30	1 59	12 20	0 34	17 39	0 22	5 33	2 7	18 14	0 48	23 5	0 46	21 29	0 57	23 25	23 19	14 57		n.a.
T 23	16 49	9 51	4 37	6 56	2 8	2 0	1 58	12 9	0 33	17 37	0 22	5 35	2 8	18 13	0 48	23 5	0 46	21 29	0 57	23 25	23 20	14 55		n.a.
F 24	17 8	5 19	4 58	7 27	2 1	2 30	1 57	11 59	0 31	17 34	0 22	5 38	2 8	18 13	0 48	23 5	0 46	21 29	0 57	23 26	23 20	14 53		n.a.
S 25	17 25	0 31	5 6	7 59	1 53	3 0	1 56	11 48	0 29	17 32	0 22	5 40	2 8	18 13	0 48	23 6	0 46	21 29	0 57	23 27	23 20	14 51		n.a.
S 26	17 43	4s24	4 59	8 32	1 45	3 30	1 55	11 37	0 27	17 30	0 22	5 43	2 8	18 12	0 48	23 6	0 46	21 28	0 57	23 28	23 20	14 49		n.a.
M27	18 0	9 15	4 38	9 5	1 38	4 1	1 54	11 26	0 25	17 28	0 22	5 45	2 8	18 12	0 47	23 6	0 46	21 28	0 57	23 29	23 21	14 47		n.a.
T 28	18 17	13 47	4 2	9 39	1 30	4 31	1 53	11 15	0 24	17 26	0 21	5 47	2 8	18 12	0 47	23 6	0 46	21 28	0 57	23 29	23 21	14 45		n.a.
W29	18 33	17 46	3 13	10 13	1 22	5 1	1 52	11 4	0 22	17 24	0 21	5 50	2 8	18 11	0 47	23 6	0 46	21 28	0 58	23 30	23 21	14 44		n.a.
T 30	18s49	20s53	2n12	10s48	1n14	5s30	1n50	10s52	0s20	17n22	0s21	5s52	2n 8	18s11	0s47	23n 6	0n46	21n28	0n58	23n30	23n22	14n42		n.a.

Julian Day Number = 983557.5, Delta T = 13h10m56s
Ecliptic obliquity = 23°55'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'25, Lahiri = -31°48'25 Julian Calendar 1 Nov. 2021 BCE == Greg. Calendar 15 Oct. 2021 BCE

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ASTRODIENST EPHEMERIS for the year 2021 BCE
geocentric

DECEMBER 2021 BCE (-2020) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 32 8	23♏42'35	28♐42	1♏59	19♎15	3♓36	18°R26	19♎45	12♒25	20°R25	29°R48	10°R24	12♋ 3	1♍56	n.a.	F 1
S 2	3 36 5	24°43'49	12♑27	3°18	20°28	4° 3	18♉17	19°51	12°26	20♋24	29♉46	10°D23	12° 0	2° 3	n.a.	S 2
S 3	3 40 1	25°45'02	26°20	4°39	21°42	4°30	18°10	19°57	12°27	20°23	29°45	10♋24	11°57	2°10	n.a.	S 3
M 4	3 43 58	26°46'14	10♒19	6° 0	22°56	4°58	18° 2	20° 3	12°29	20°22	29°44	10°25	11°54	2°17	n.a.	M 4
T 5	3 47 55	27°47'24	24°24	7°22	24°10	5°25	17°54	20° 9	12°30	20°22	29°42	10°R26	11°51	2°23	n.a.	T 5
W 6	3 51 51	28°48'34	8♓33	8°46	25°24	5°53	17°46	20°15	12°32	20°21	29°41	10°26	11°47	2°30	n.a.	W 6
T 7	3 55 48	29°49'42	22°44	10°10	26°38	6°22	17°38	20°21	12°33	20°20	29°40	10°24	11°44	2°37	n.a.	T 7
F 8	3 59 44	0♗50'48	6♈56	11°35	27°52	6°50	17°30	20°27	12°34	20°19	29°38	10°20	11°41	2°43	n.a.	F 8
S 9	4 3 41	1°51'53	21° 5	13° 1	29° 6	7°19	17°23	20°33	12°36	20°18	29°37	10°14	11°38	2°50	n.a.	S 9
S 10	4 7 37	2°52'57	5♉ 8	14°28	0♏20	7°47	17°15	20°39	12°38	20°17	29°36	10° 8	11°35	2°57	n.a.	S 10
M11	4 11 34	3°54'00	19° 0	15°56	1°34	8°16	17° 8	20°44	12°39	20°16	29°34	10° 2	11°32	3° 3	n.a.	M11
T 12	4 15 31	4°55'02	2♊37	17°24	2°47	8°46	17° 0	20°50	12°41	20°15	29°33	9°56	11°28	3°10	n.a.	T 12
W13	4 19 27	5°56'03	15°57	18°53	4° 1	9°15	16°53	20°56	12°43	20°14	29°32	9°52	11°25	3°17	n.a.	W13
T 14	4 23 24	6°57'02	28°57	20°23	5°15	9°44	16°46	21° 1	12°45	20°13	29°31	9°50	11°22	3°24	n.a.	T 14
F 15	4 27 20	7°58'00	11♋39	21°54	6°29	10°14	16°39	21° 7	12°46	20°12	29°29	9°D50	11°19	3°30	n.a.	F 15
S 16	4 31 17	8°58'57	24° 4	23°25	7°43	10°44	16°32	21°12	12°48	20°11	29°28	9°51	11°16	3°37	n.a.	S 16
S 17	4 35 13	9°59'53	6♌14	24°57	8°58	11°14	16°25	21°18	12°50	20° 9	29°27	9°52	11°13	3°44	n.a.	S 17
M18	4 39 10	11° 0'48	18°13	26°30	10°12	11°44	16°18	21°23	12°52	20° 8	29°25	9°54	11° 9	3°50	n.a.	M18
T 19	4 43 7	12° 1'42	0♍ 5	28° 3	11°26	12°14	16°11	21°28	12°54	20° 7	29°24	9°56	11° 6	3°57	n.a.	T 19
W20	4 47 3	13° 2'34	11°56	29°37	12°40	12°45	16° 5	21°34	12°56	20° 6	29°23	9°R56	11° 3	4° 4	n.a.	W20
T 21	4 51 0	14° 3'25	23°51	1♗12	13°54	13°16	15°58	21°39	12°58	20° 5	29°22	9°56	11° 0	4°10	n.a.	T 21
F 22	4 54 56	15° 4'15	5♎53	2°48	15° 8	13°46	15°52	21°44	13° 0	20° 3	29°20	9°54	10°57	4°17	n.a.	F 22
S 23	4 58 53	16° 5'04	18° 8	4°24	16°22	14°17	15°46	21°49	13° 3	20° 2	29°19	9°51	10°53	4°24	n.a.	S 23
S 24	5 2 49	17° 5'52	0♏39	6° 1	17°36	14°48	15°40	21°54	13° 5	20° 1	29°18	9°48	10°50	4°30	n.a.	S 24
M25	5 6 46	18° 6'38	13°30	7°39	18°50	15°20	15°34	21°59	13° 7	19°59	29°17	9°44	10°47	4°37	n.a.	M25
T 26	5 10 42	19° 7'23	26°40	9°18	20° 4	15°51	15°28	22° 3	13° 9	19°58	29°15	9°41	10°44	4°44	n.a.	T 26
W27	5 14 39	20° 8'06	10♐10	10°57	21°18	16°22	15°23	22° 8	13°12	19°57	29°14	9°38	10°41	4°51	n.a.	W27
T 28	5 18 36	21° 8'48	23°59	12°38	22°32	16°54	15°18	22°13	13°14	19°55	29°13	9°37	10°38	4°57	n.a.	T 28
F 29	5 22 32	22° 9'28	8♑ 2	14°19	23°46	17°26	15°12	22°17	13°16	19°54	29°12	9°D36	10°34	5° 4	n.a.	F 29
S 30	5 26 29	23°10'06	22°16	16° 1	25° 0	17°57	15° 7	22°22	13°19	19°52	29°11	9°37	10°31	5°11	n.a.	S 30
S 31	5 30 25	24♐10'42	6♒37	17♐44	26♏15	18♓29	15♉ 2	22♎26	13♒21	19♋51	29♉ 9	9♋37	10♋28	5♍17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 5	22s52	1n 3	11s23	1n 6	6s 0	1n49	10s41	0s19	17n20	0s21	5s54	2n 8	18s11	0s47	23n 6	0n47	21n27	0n58	23n31	23n22	14n40		n.a.
S 2	19 20	23 31	0s11	11 58	0 58	6 30	1 48	10 29	0 17	17 18	0 21	5 57	2 8	18 10	0 47	23 6	0 47	21 27	0 58	23 31	23 22	14 38		n.a.
S 3	19 35	22 42	1 25	12 33	0 50	7 0	1 46	10 18	0 16	17 15	0 21	5 59	2 8	18 10	0 47	23 7	0 47	21 27	0 58	23 31	23 23	14 36		n.a.
M 4	19 50	20 29	2 35	13 8	0 42	7 29	1 44	10 6	0 14	17 13	0 20	6 1	2 8	18 9	0 47	23 7	0 47	21 27	0 58	23 30	23 23	14 34		n.a.
T 5	20 4	17 2	3 36	13 43	0 34	7 58	1 43	9 54	0 12	17 11	0 20	6 3	2 8	18 9	0 47	23 7	0 47	21 26	0 58	23 30	23 23	14 32		n.a.
W 6	20 18	12 35	4 24	14 18	0 26	8 27	1 41	9 42	0 11	17 9	0 20	6 6	2 8	18 9	0 47	23 7	0 47	21 26	0 58	23 30	23 23	14 30		n.a.
T 7	20 31	7 27	4 56	14 52	0 19	8 56	1 39	9 30	0 10	17 7	0 20	6 8	2 9	18 8	0 47	23 7	0 47	21 26	0 58	23 31	23 24	14 28		n.a.
F 8	20 45	1 55	5 9	15 26	0 11	9 25	1 37	9 18	0 8	17 5	0 20	6 10	2 9	18 8	0 47	23 7	0 47	21 26	0 58	23 31	23 24	14 26		n.a.
S 9	20 57	3n42	5 5	16 0	0 4	9 53	1 35	9 6	0 7	17 3	0 19	6 12	2 9	18 7	0 47	23 8	0 47	21 26	0 58	23 31	23 24	14 24		n.a.
S 10	21 10	9 5	4 41	16 34	0s 4	10 22	1 33	8 54	0 5	17 1	0 19	6 14	2 9	18 7	0 47	23 8	0 47	21 25	0 58	23 32	23 25	14 22		n.a.
M11	21 21	13 57	4 2	17 7	0 11	10 50	1 31	8 42	0 4	16 59	0 19	6 16	2 9	18 6	0 47	23 8	0 47	21 25	0 58	23 32	23 25	14 20		n.a.
T 12	21 33	18 1	3 9	17 39	0 18	11 18	1 29	8 29	0 3	16 57	0 19	6 18	2 9	18 6	0 47	23 8	0 47	21 25	0 58	23 33	23 25	14 18		n.a.
W13	21 44	21 4	2 7	18 11	0 25	11 45	1 27	8 17	0 1	16 55	0 19	6 20	2 9	18 5	0 47	23 8	0 47	21 25	0 58	23 33	23 25	14 16		n.a.
T 14	21 55	22 56	0 59	18 43	0 32	12 12	1 25	8 4	0n 0	16 53	0 19	6 22	2 9	18 5	0 47	23 9	0 47	21 24	0 59	23 33	23 26	14 14		n.a.
F 15	22 5	23 34	0n10	19 14	0 38	12 39	1 23	7 52	0 1	16 51	0 18	6 24	2 9	18 4	0 47	23 9	0 47	21 24	0 59	23 33	23 26	14 12		n.a.
S 16	22 15	23 0	1 17	19 44	0 45	13 6	1 20	7 39	0 3	16 50	0 18	6 26	2 9	18 3	0 47	23 9	0 47	21 24	0 59	23 33	23 26	14 10		n.a.
S 17	22 24	21 21	2 20	20 13	0 51	13 33	1 18	7 26	0 4	16 48	0 18	6 28	2 10	18 3	0 47	23 9	0 47	21 24	0 59	23 33	23 27	14 8		n.a.
M18	22 33	18 46	3 15	20 41	0 57	13 59	1 16	7 13	0 5	16 46	0 18	6 30	2 10	18 2	0 47	23 9	0 47	21 24	0 59	23 33	23 27	14 6		n.a.
T 19	22 41	15 25	4 2	21 9	1 3	14 24	1 13	7 1	0 6	16 44	0 18	6 32	2 10	18 2	0 47	23 10	0 47	21 23	0 59	23 33	23 27	14 4		n.a.
W20	22 49	11 29	4 38	21 35	1 8	14 50	1 11	6 48	0 7	16 42	0 17	6 34	2 10	18 1	0 47	23 10	0 47	21 23	0 59	23 33	23 27	14 2		n.a.
T 21	22 57	7 6	5 2	22 1	1 14	15 15	1 8	6 35	0 9	16 41	0 17	6 36	2 10	18 0	0 47	23 10	0 47	21 23	0 59	23 33	23 28	14 0		n.a.
F 22	23 4	2 24	5 13	22 26	1 19	15 39	1 6	6 21	0 10	16 39	0 17	6 38	2 10	18 0	0 47	23 10	0 47	21 23	0 59	23 33	23 28	13 58		n.a.
S 23	23 11	2s28	5 11	22 49	1 24	16 3	1 3	6 8	0 11	16 37	0 17	6 40	2 10	17 59	0 47	23 10	0 47	21 22	0 59	23 33	23 28	13 56		n.a.
S 24	23 17	7 21	4 54	23 12	1 28	16 27	1 1	5 55	0 12	16 36	0 17	6 41	2 10	17 58	0 47	23 11	0 47	21 22	0 59	23 33	23 28	13 54		n.a.
M25	23 23	12 3	4 22	23 33	1 33	16 51	0 58	5 42	0 13	16 34	0 17	6 43	2 11	17 58	0 46	23 11	0 47	21 22	0 59	23 34	23 29	13 52		n.a.
T 26	23 28	16 19	3 35	23 53	1 37	17 14	0 56	5 28	0 14	16 33	0 16	6 45	2 11	17 57	0 46	23 11	0 47	21 22	0 59	23 34	23 29	13 50		n.a.
W27	23 33	19 52	2 35	24 12	1 41	17 36	0 53	5 15	0 15	16 31	0 16	6 46	2 11	17 56	0 46	23 11	0 47	21 22	0 59	23 34	23 29	13 48		n.a.
T 28	23 37	22 22	1 25	24 29	1 44	17 58	0 50	5 2	0 16	16 30	0 16	6 48	2 11	17 56	0 46	23 12	0 47	21 21	0 59	23 34	23 29	13 46		n.a.
F 29	23 41	23 32	0 9	24 45	1 47	18 20	0 48	4 48	0 17	16 28	0 16	6 50	2 11	17 55	0 46	23 12	0 47	21 21	0 59	23 34	23 30	13 44		n.a.
S 30	23 45	23 11	1s 9	25 0	1 50	18 41	0 45	4 35	0 18	16 27	0 16	6 51	2 11	17 54	0 46	23 12	0 47	21 21	1 0	23 34	23 30	13 42		n.a.
S 31	23s48	21s19	2s24	25s13	1s52	19s 1	0n42	4s21	0n19	16n26	0s15	6s53	2n11	17s53	0s46	23n12	0n47	21n21	1n 0	23n34	23n30	13n40		n.a.

Julian Day Number = 983587.5, Delta T = 13h10m54s
Ecliptic obliquity = 23°55'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'21, Lahiri = -31°48'21 Julian Calendar 1 Dec. 2021 BCE == Greg. Calendar 14 Nov. 2021 BCE

The year -2020 astronomical counting style corresponds to year 2021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

JANUARY 2020 BCE (-2019) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 34 22	25♐11'17	20♒59	19♐28	27♏29	19♓ 1	14°R58	22♎31	13♒24	19°R49	29°R 8	9♋39	10♋25	5♍24	n.a.	M 1
T 2	5 38 18	26°11'49	5♓19	21°12	28°43	19°34	14♉53	22°35	13°26	19♋48	29♉ 7	9°40	10°22	5°31	n.a.	T 2
W 3	5 42 15	27°12'19	19°34	22°58	29°57	20° 6	14°49	22°39	13°29	19°46	29° 6	9°40	10°19	5°37	n.a.	W 3
T 4	5 46 11	28°12'47	3♈42	24°44	1♐11	20°38	14°45	22°44	13°31	19°45	29° 5	9°R40	10°15	5°44	n.a.	T 4
F 5	5 50 8	29°13'13	17°40	26°32	2°25	21°11	14°41	22°48	13°34	19°43	29° 4	9°40	10°12	5°51	n.a.	F 5
S 6	5 54 5	0♊13'36	1♉28	28°20	3°39	21°43	14°37	22°52	13°37	19°42	29° 3	9°39	10° 9	5°58	n.a.	S 6
S 7	5 58 1	1°13'58	15° 4	0♊ 9	4°53	22°16	14°33	22°56	13°39	19°40	29° 1	9°38	10° 6	6° 4	n.a.	S 7
M 8	6 1 58	2°14'17	28°27	1°59	6° 7	22°49	14°30	22°59	13°42	19°39	29° 0	9°37	10° 3	6°11	n.a.	M 8
T 9	6 5 54	3°14'35	11♊37	3°50	7°21	23°22	14°26	23° 3	13°45	19°37	28°59	9°36	9°59	6°18	n.a.	T 9
W10	6 9 51	4°14'50	24°34	5°42	8°35	23°55	14°23	23° 7	13°48	19°36	28°58	9°36	9°56	6°24	n.a.	W10
T 11	6 13 47	5°15'03	7♋16	7°35	9°49	24°28	14°20	23°10	13°51	19°34	28°57	9°D35	9°53	6°31	n.a.	T 11
F 12	6 17 44	6°15'14	19°46	9°28	11° 3	25° 1	14°18	23°14	13°53	19°32	28°56	9°35	9°50	6°38	n.a.	F 12
S 13	6 21 40	7°15'24	2♌ 3	11°22	12°17	25°34	14°15	23°17	13°56	19°31	28°55	9°36	9°47	6°44	n.a.	S 13
S 14	6 25 37	8°15'31	14° 9	13°16	13°31	26° 7	14°13	23°21	13°59	19°29	28°54	9°36	9°44	6°51	n.a.	S 14
M15	6 29 34	9°15'37	26° 7	15°11	14°45	26°41	14°11	23°24	14° 2	19°28	28°53	9°R36	9°40	6°58	n.a.	M15
T 16	6 33 30	10°15'40	8♍ 0	17° 6	15°59	27°14	14° 9	23°27	14° 5	19°26	28°52	9°36	9°37	7° 5	n.a.	T 16
W17	6 37 27	11°15'42	19°51	19° 2	17°13	27°48	14° 7	23°30	14° 8	19°24	28°51	9°36	9°34	7°11	n.a.	W17
T 18	6 41 23	12°15'42	1♎45	20°57	18°27	28°21	14° 6	23°33	14°11	19°23	28°50	9°36	9°31	7°18	n.a.	T 18
F 19	6 45 20	13°15'40	13°46	22°52	19°41	28°55	14° 4	23°36	14°14	19°21	28°50	9°D36	9°28	7°25	n.a.	F 19
S 20	6 49 16	14°15'36	25°59	24°46	20°55	29°29	14° 3	23°39	14°17	19°19	28°49	9°36	9°25	7°31	n.a.	S 20
S 21	6 53 13	15°15'30	8♏28	26°40	22° 9	0♈ 2	14° 2	23°42	14°20	19°18	28°48	9°36	9°21	7°38	n.a.	S 21
M22	6 57 9	16°15'23	21°18	28°32	23°23	0°36	14° 1	23°44	14°23	19°16	28°47	9°37	9°18	7°45	n.a.	M22
T 23	7 1 6	17°15'13	4♐30	0♒23	24°37	1°10	14° 1	23°47	14°26	19°14	28°46	9°37	9°15	7°52	n.a.	T 23
W24	7 5 3	18°15'02	18° 7	2°11	25°51	1°44	14° 0	23°49	14°29	19°13	28°45	9°38	9°12	7°58	n.a.	W24
T 25	7 8 59	19°14'49	2♑ 8	3°57	27° 5	2°18	14°D 0	23°52	14°33	19°11	28°45	9°39	9° 9	8° 5	n.a.	T 25
F 26	7 12 56	20°14'33	16°31	5°40	28°19	2°52	14° 0	23°54	14°36	19° 9	28°44	9°R39	9° 5	8°12	n.a.	F 26
S 27	7 16 52	21°14'16	1♒10	7°20	29°33	3°27	14° 1	23°56	14°39	19° 8	28°43	9°38	9° 2	8°18	n.a.	S 27
S 28	7 20 49	22°13'56	15°58	8°55	0♑47	4° 1	14° 1	23°58	14°42	19° 6	28°42	9°37	8°59	8°25	n.a.	S 28
M29	7 24 45	23°13'34	0♓48	10°27	2° 1	4°35	14° 2	24° 0	14°45	19° 4	28°42	9°35	8°56	8°32	n.a.	M29
T 30	7 28 42	24°13'09	15°33	11°53	3°15	5° 9	14° 2	24° 2	14°49	19° 3	28°41	9°33	8°53	8°38	n.a.	T 30
W31	7 32 38	25♑12'42	0♈ 6	13♒13	4♑29	5♈44	14♉ 3	24♎ 4	14♒52	19♋ 1	28♉40	9♋32	8♋50	8♍45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s50	18s 5	3s29	25s24	1s54	19s21	0n40	4s 7	0n20	16n25	0s15	6s54	2n12	17s53	0s46	23n13	0n47	21n21	1n 0	23n34	23n30	13n38			n.a.
T 2	23 52	13 47	4 22	25 33	1 56	19 41	0 37	3 53	0 21	16 23	0 15	6 56	2 12	17 52	0 46	23 13	0 48	21 20	1 0	23 34	23 31	13 36			n.a.
W 3	23 54	8 45	4 57	25 41	1 57	20 0	0 34	3 40	0 22	16 22	0 15	6 57	2 12	17 51	0 46	23 13	0 48	21 20	1 0	23 34	23 31	13 33			n.a.
T 4	23 55	3 18	5 15	25 47	1 58	20 18	0 31	3 26	0 23	16 21	0 15	6 59	2 12	17 50	0 46	23 13	0 48	21 20	1 0	23 34	23 31	13 31			n.a.
F 5	23 55	2n15	5 14	25 51	1 59	20 36	0 29	3 12	0 24	16 20	0 14	7 0	2 12	17 49	0 46	23 14	0 48	21 20	1 0	23 34	23 31	13 29			n.a.
S 6	23 55	7 38	4 54	25 53	1 59	20 53	0 26	2 58	0 25	16 19	0 14	7 1	2 12	17 49	0 46	23 14	0 48	21 20	1 0	23 34	23 32	13 27			n.a.
S 7	23 55	12 34	4 18	25 53	1 58	21 10	0 23	2 44	0 26	16 18	0 14	7 3	2 12	17 48	0 46	23 14	0 48	21 19	1 0	23 34	23 32	13 25			n.a.
M 8	23 54	16 50	3 29	25 52	1 57	21 26	0 20	2 30	0 27	16 18	0 14	7 4	2 13	17 47	0 46	23 14	0 48	21 19	1 0	23 34	23 32	13 23			n.a.
T 9	23 53	20 11	2 29	25 47	1 55	21 41	0 18	2 16	0 27	16 17	0 14	7 5	2 13	17 46	0 46	23 15	0 48	21 19	1 0	23 34	23 32	13 21			n.a.
W10	23 51	22 26	1 22	25 41	1 53	21 56	0 15	2 2	0 28	16 16	0 14	7 7	2 13	17 45	0 46	23 15	0 48	21 19	1 0	23 34	23 33	13 19			n.a.
T 11	23 49	23 30	0 13	25 33	1 51	22 10	0 12	1 48	0 29	16 15	0 13	7 8	2 13	17 44	0 46	23 15	0 48	21 19	1 0	23 34	23 33	13 17			n.a.
F 12	23 46	23 22	0n56	25 22	1 47	22 24	0 9	1 34	0 30	16 15	0 13	7 9	2 13	17 44	0 46	23 15	0 48	21 18	1 0	23 34	23 33	13 15			n.a.
S 13	23 43	22 5	2 1	25 9	1 43	22 37	0 7	1 20	0 31	16 14	0 13	7 10	2 13	17 43	0 46	23 16	0 48	21 18	1 0	23 34	23 33	13 13			n.a.
S 14	23 40	19 47	3 0	24 53	1 39	22 49	0 4	1 6	0 31	16 14	0 13	7 11	2 14	17 42	0 46	23 16	0 48	21 18	1 0	23 34	23 34	13 10			n.a.
M15	23 36	16 40	3 51	24 35	1 34	23 1	0 1	0 51	0 32	16 13	0 13	7 12	2 14	17 41	0 46	23 16	0 48	21 18	1 0	23 34	23 34	13 8			n.a.
T 16	23 31	12 54	4 30	24 15	1 28	23 12	0s 1	0 37	0 33	16 13	0 12	7 13	2 14	17 40	0 46	23 16	0 48	21 18	1 0	23 34	23 34	13 6			n.a.
W17	23 26	8 39	4 59	23 53	1 21	23 22	0 4	0 23	0 34	16 12	0 12	7 14	2 14	17 39	0 46	23 17	0 48	21 18	1 1	23 34	23 34	13 4			n.a.
T 18	23 21	4 5	5 14	23 29	1 14	23 31	0 7	0 9	0 35	16 12	0 12	7 15	2 14	17 38	0 46	23 17	0 48	21 17	1 1	23 34	23 35	13 2			n.a.
F 19	23 15	0s42	5 16	23 2	1 6	23 40	0 9	0n 6	0 35	16 12	0 12	7 16	2 14	17 37	0 46	23 17	0 48	21 17	1 1	23 34	23 35	13 0			n.a.
S 20	23 9	5 31	5 4	22 33	0 58	23 48	0 12	0 20	0 36	16 12	0 12	7 17	2 15	17 36	0 46	23 17	0 48	21 17	1 1	23 34	23 35	12 58			n.a.
S 21	23 2	10 14	4 38	22 2	0 48	23 56	0 14	0 34	0 37	16 11	0 12	7 18	2 15	17 35	0 46	23 18	0 48	21 17	1 1	23 34	23 35	12 55			n.a.
M22	22 55	14 38	3 57	21 30	0 38	24 2	0 17	0 49	0 37	16 11	0 11	7 19	2 15	17 35	0 46	23 18	0 48	21 17	1 1	23 34	23 36	12 53			n.a.
T 23	22 47	18 29	3 3	20 56	0 28	24 8	0 20	1 3	0 38	16 11	0 11	7 19	2 15	17 34	0 46	23 18	0 48	21 17	1 1	23 34	23 36	12 51			n.a.
W24	22 39	21 27	1 57	20 20	0 17	24 14	0 22	1 18	0 39	16 11	0 11	7 20	2 15	17 33	0 46	23 18	0 48	21 17	1 1	23 34	23 36	12 49			n.a.
T 25	22 31	23 13	0 41	19 44	0 5	24 18	0 25	1 32	0 39	16 12	0 11	7 21	2 16	17 32	0 46	23 19	0 48	21 16	1 1	23 34	23 36	12 47			n.a.
F 26	22 22	23 31	0s38	19 7	0n 8	24 22	0 27	1 46	0 40	16 12	0 11	7 22	2 16	17 31	0 46	23 19	0 48	21 16	1 1	23 34	23 36	12 45			n.a.
S 27	22 13	22 12	1 56	18 29	0 21	24 25	0 29	2 1	0 41	16 12	0 10	7 22	2 16	17 30	0 46	23 19	0 48	21 16	1 1	23 34	23 37	12 43			n.a.
S 28	22 3	19 21	3 8	17 51	0 34	24 27	0 32	2 15	0 41	16 12	0 10	7 23	2 16	17 29	0 46	23 19	0 48	21 16	1 1	23 34	23 37	12 40			n.a.
M29	21 53	15 14	4 7	17 13	0 48	24 29	0 34	2 30	0 42	16 13	0 10	7 23	2 16	17 28	0 46	23 20	0 48	21 16	1 1	23 34	23 37	12 38			n.a.
T 30	21 42	10 14	4 49	16 36	1 1	24 30	0 36	2 44	0 43	16 13	0 10	7 24	2 16	17 27	0 46	23 20	0 48	21 16	1 1	23 34	23 37	12 36			n.a.
W31	21s32	4s42	5s12	15s59	1n15	24s30	0s39	2n59	0n43	16n14	0s10	7s24	2n17	17s26	0s46	23n20	0n48	21n16	1n 1	23n35	23n38	12n34			n.a.

Julian Day Number = 983618.5, Delta T = 13h10m52s
Ecliptic obliquity = 23°55'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'17, Lahiri = -31°48'17 Julian Calendar 1 Jan. 2020 BCE == Greg. Calendar 15 Dec. 2021 BCE

The year -2019 astronomical counting style corresponds to year 2020 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

FEBRUARY 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 36 35	26♉12'12	14♈23	14♒28	5♉43	6♈18	14♉ 5	24♎ 6	14♒55	18°R59	28°R40	9°R31	8♋46	8♍52	n.a.	T 1
F 2	7 40 31	27°11'40	28°22	15°36	6°57	6°53	14° 6	24° 7	14°58	18♋58	28♉39	9°D30	8°43	8°59	n.a.	F 2
S 3	7 44 28	28°11'05	12♉ 0	16°38	8°11	7°28	14° 8	24° 9	15° 2	18°56	28°39	9♋31	8°40	9° 5	n.a.	S 3
S 4	7 48 25	29°10'28	25°21	17°33	9°24	8° 2	14° 9	24°10	15° 5	18°55	28°38	9°32	8°37	9°12	n.a.	S 4
M 5	7 52 21	0♒ 9'49	8♊24	18°20	10°38	8°37	14°11	24°12	15° 8	18°53	28°38	9°34	8°34	9°19	n.a.	M 5
T 6	7 56 18	1° 9'07	21°12	19° 0	11°52	9°12	14°13	24°13	15°12	18°51	28°37	9°35	8°31	9°25	n.a.	T 6
W 7	8 0 14	2° 8'22	3♋47	19°32	13° 6	9°46	14°16	24°14	15°15	18°50	28°37	9°R36	8°27	9°32	n.a.	W 7
T 8	8 4 11	3° 7'35	16°11	19°57	14°20	10°21	14°18	24°15	15°18	18°48	28°36	9°36	8°24	9°39	n.a.	T 8
F 9	8 8 7	4° 6'46	28°26	20°14	15°34	10°56	14°21	24°16	15°22	18°46	28°36	9°35	8°21	9°46	n.a.	F 9
S 10	8 12 4	5° 5'55	10♌32	20°23	16°48	11°31	14°24	24°17	15°25	18°45	28°35	9°32	8°18	9°52	n.a.	S 10
S 11	8 16 0	6° 5'01	22°31	20°R24	18° 1	12° 6	14°27	24°17	15°29	18°43	28°35	9°28	8°15	9°59	n.a.	S 11
M12	8 19 57	7° 4'05	4♍26	20°19	19°15	12°41	14°30	24°18	15°32	18°42	28°34	9°24	8°11	10° 6	n.a.	M12
T 13	8 23 53	8° 3'07	16°18	20° 6	20°29	13°16	14°34	24°19	15°35	18°40	28°34	9°18	8° 8	10°12	n.a.	T 13
W14	8 27 50	9° 2'07	28°10	19°46	21°43	13°51	14°37	24°19	15°39	18°39	28°34	9°14	8° 5	10°19	n.a.	W14
T 15	8 31 47	10° 1'05	10♎ 4	19°20	22°57	14°26	14°41	24°19	15°42	18°37	28°33	9° 9	8° 2	10°26	n.a.	T 15
F 16	8 35 43	11° 0'01	22° 5	18°49	24°11	15° 1	14°45	24°20	15°46	18°36	28°33	9° 6	7°59	10°32	n.a.	F 16
S 17	8 39 40	11°58'55	4♏16	18°13	25°24	15°36	14°49	24°20	15°49	18°34	28°33	9° 5	7°56	10°39	n.a.	S 17
S 18	8 43 36	12°57'48	16°41	17°33	26°38	16°11	14°53	24°R20	15°52	18°33	28°33	9°D 4	7°52	10°46	n.a.	S 18
M19	8 47 33	13°56'38	29°25	16°49	27°52	16°47	14°58	24°20	15°56	18°31	28°33	9° 5	7°49	10°53	n.a.	M19
T 20	8 51 29	14°55'26	12♐33	16° 4	29° 6	17°22	15° 2	24°20	15°59	18°30	28°32	9° 7	7°46	10°59	n.a.	T 20
W21	8 55 26	15°54'13	26° 6	15°17	0♒20	17°57	15° 7	24°19	16° 3	18°28	28°32	9° 8	7°43	11° 6	n.a.	W21
T 22	8 59 22	16°52'58	10♑ 7	14°29	1°34	18°33	15°12	24°19	16° 6	18°27	28°32	9°R 9	7°40	11°13	n.a.	T 22
F 23	9 3 19	17°51'41	24°35	13°42	2°47	19° 8	15°17	24°19	16° 9	18°25	28°32	9° 8	7°36	11°19	n.a.	F 23
S 24	9 7 15	18°50'21	9♒25	12°57	4° 1	19°43	15°22	24°18	16°13	18°24	28°32	9° 5	7°33	11°26	n.a.	S 24
S 25	9 11 12	19°49'00	24°30	12°13	5°15	20°19	15°28	24°17	16°16	18°23	28°32	9° 0	7°30	11°33	n.a.	S 25
M26	9 15 9	20°47'36	9♓42	11°32	6°29	20°54	15°34	24°17	16°20	18°21	28°32	8°55	7°27	11°40	n.a.	M26
T 27	9 19 5	21°46'10	24°50	10°55	7°42	21°30	15°39	24°16	16°23	18°20	28°D32	8°48	7°24	11°46	n.a.	T 27
W28	9 23 2	22♒44'42	9♈43	10♒22	8♒56	22♈ 5	15♉45	24♎15	16♒26	18♋19	28♉32	8♋42	7♋21	11♍53	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s20	0n58	5 s15	15 s24	1n30	24 s29	0 s41	3n13	0n44	16n14	0 s10	7 s25	2n17	17 s25	0 s46	23n20	0n48	21n16	1n 1	23n35	23n38	12n32		n.a.
F 2	21 9	6 27	4 59	14 50	1 44	24 27	0 43	3 28	0 44	16 15	0 9	7 25	2 17	17 24	0 46	23 21	0 48	21 16	1 1	23 35	23 38	12 30		n.a.
S 3	20 57	11 31	4 27	14 18	1 57	24 25	0 45	3 42	0 45	16 15	0 9	7 26	2 17	17 23	0 46	23 21	0 48	21 15	1 1	23 35	23 38	12 27		n.a.
S 4	20 44	15 55	3 40	13 49	2 11	24 22	0 47	3 57	0 45	16 16	0 9	7 26	2 17	17 22	0 46	23 21	0 48	21 15	1 1	23 35	23 38	12 25		n.a.
M 5	20 32	19 28	2 44	13 22	2 24	24 19	0 49	4 11	0 46	16 17	0 9	7 26	2 18	17 21	0 46	23 21	0 48	21 15	1 1	23 34	23 39	12 23		n.a.
T 6	20 18	21 58	1 40	12 57	2 37	24 14	0 51	4 26	0 47	16 18	0 9	7 27	2 18	17 20	0 46	23 22	0 48	21 15	1 1	23 34	23 39	12 21		n.a.
W 7	20 5	23 20	0 32	12 36	2 49	24 9	0 53	4 40	0 47	16 18	0 9	7 27	2 18	17 19	0 46	23 22	0 48	21 15	1 1	23 34	23 39	12 19		n.a.
T 8	19 51	23 31	0n36	12 17	3 0	24 3	0 55	4 54	0 48	16 19	0 8	7 27	2 18	17 18	0 46	23 22	0 48	21 15	1 2	23 34	23 39	12 16		n.a.
F 9	19 37	22 33	1 42	12 2	3 10	23 57	0 57	5 9	0 48	16 20	0 8	7 27	2 18	17 17	0 46	23 22	0 48	21 15	1 2	23 34	23 39	12 14		n.a.
S 10	19 23	20 33	2 42	11 50	3 19	23 49	0 59	5 23	0 49	16 21	0 8	7 27	2 19	17 16	0 46	23 23	0 48	21 15	1 2	23 35	23 40	12 12		n.a.
S 11	19 8	17 39	3 34	11 42	3 27	23 41	1 1	5 38	0 49	16 22	0 8	7 28	2 19	17 15	0 46	23 23	0 48	21 15	1 2	23 35	23 40	12 10		n.a.
M12	18 53	14 3	4 17	11 38	3 34	23 32	1 2	5 52	0 50	16 24	0 8	7 28	2 19	17 14	0 46	23 23	0 48	21 15	1 2	23 35	23 40	12 7		n.a.
T 13	18 37	9 55	4 48	11 37	3 39	23 23	1 4	6 6	0 50	16 25	0 8	7 28	2 19	17 13	0 46	23 23	0 48	21 15	1 2	23 35	23 40	12 5		n.a.
W14	18 22	5 25	5 7	11 40	3 43	23 13	1 6	6 21	0 51	16 26	0 7	7 28	2 19	17 12	0 46	23 24	0 48	21 15	1 2	23 36	23 40	12 3		n.a.
T 15	18 6	0 42	5 12	11 46	3 45	23 2	1 7	6 35	0 51	16 27	0 7	7 28	2 19	17 11	0 46	23 24	0 48	21 15	1 2	23 36	23 41	12 1		n.a.
F 16	17 49	4 s 4	5 4	11 55	3 46	22 50	1 9	6 49	0 52	16 29	0 7	7 28	2 20	17 10	0 46	23 24	0 48	21 15	1 2	23 36	23 41	11 59		n.a.
S 17	17 33	8 46	4 43	12 7	3 45	22 38	1 10	7 4	0 52	16 30	0 7	7 27	2 20	17 9	0 46	23 24	0 48	21 15	1 2	23 36	23 41	11 56		n.a.
S 18	17 16	13 13	4 8	12 22	3 42	22 25	1 11	7 18	0 53	16 31	0 7	7 27	2 20	17 7	0 46	23 24	0 48	21 15	1 2	23 37	23 41	11 54		n.a.
M19	16 59	17 11	3 20	12 40	3 37	22 12	1 13	7 32	0 53	16 33	0 7	7 27	2 20	17 6	0 46	23 25	0 48	21 15	1 2	23 36	23 41	11 52		n.a.
T 20	16 41	20 27	2 20	13 0	3 31	21 58	1 14	7 46	0 53	16 34	0 7	7 27	2 20	17 5	0 46	23 25	0 48	21 15	1 2	23 36	23 42	11 50		n.a.
W21	16 24	22 42	1 10	13 21	3 23	21 43	1 15	8 1	0 54	16 36	0 6	7 27	2 21	17 4	0 46	23 25	0 48	21 15	1 2	23 36	23 42	11 47		n.a.
T 22	16 6	23 37	0 s 5	13 44	3 13	21 27	1 16	8 15	0 54	16 38	0 6	7 26	2 21	17 3	0 46	23 25	0 48	21 15	1 2	23 36	23 42	11 45		n.a.
F 23	15 47	23 0	1 23	14 8	3 2	21 11	1 17	8 29	0 55	16 39	0 6	7 26	2 21	17 2	0 46	23 25	0 48	21 15	1 2	23 36	23 42	11 43		n.a.
S 24	15 29	20 47	2 37	14 33	2 50	20 55	1 19	8 43	0 55	16 41	0 6	7 26	2 21	17 1	0 46	23 26	0 48	21 15	1 2	23 36	23 42	11 40		n.a.
S 25	15 10	17 5	3 41	14 58	2 37	20 37	1 19	8 57	0 56	16 43	0 6	7 25	2 21	17 0	0 46	23 26	0 48	21 15	1 2	23 37	23 43	11 38		n.a.
M26	14 51	12 14	4 30	15 23	2 24	20 20	1 20	9 11	0 56	16 45	0 6	7 25	2 21	16 59	0 46	23 26	0 48	21 15	1 2	23 37	23 43	11 36		n.a.
T 27	14 32	6 40	5 0	15 47	2 9	20 1	1 21	9 25	0 56	16 46	0 5	7 24	2 22	16 58	0 46	23 26	0 48	21 15	1 2	23 38	23 43	11 34		n.a.
W28	14 s13	0 s47	5 s 9	16 s11	1n54	19 s42	1 s22	9n39	0n57	16n48	0 s 5	7 s24	2n22	16 s57	0 s46	23n26	0n48	21n15	1n 2	23n38	23n43	11n31		n.a.

Julian Day Number = 983649.5, Delta T = 13h10m50s
Ecliptic obliquity = 23°55'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'13, Lahiri = -31°48'12 Julian Calendar 1 Feb. 2020 BCE == Greg. Calendar 15 Jan. 2020 BCE

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

MARCH 2020 BCE (-2019) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 26 58	23♒43'12	24♈16	9°R52	10♒10	22♈41	15♉51	24°R14	16♒30	18°R17	28♉32	8°R37	7♋17	12♍ 0	n.a.	T 1
F 2	9 30 55	24°41'39	8♉24	9♒28	11°24	23°17	15°57	24♎13	16°33	18♋16	28°32	8♋34	7°14	12° 6	n.a.	F 2
S 3	9 34 51	25°40'04	22° 5	9° 9	12°37	23°52	16° 4	24°12	16°37	18°15	28°32	8°D33	7°11	12°13	n.a.	S 3
S 4	9 38 48	26°38'27	5♊22	8°54	13°51	24°28	16°10	24°10	16°40	18°14	28°32	8°33	7° 8	12°20	n.a.	S 4
M 5	9 42 44	27°36'47	18°17	8°45	15° 5	25° 4	16°17	24° 9	16°43	18°12	28°32	8°34	7° 5	12°27	n.a.	M 5
T 6	9 46 41	28°35'05	0♋53	8°D41	16°19	25°39	16°24	24° 8	16°47	18°11	28°33	8°35	7° 2	12°33	n.a.	T 6
W 7	9 50 37	29°33'21	13°14	8°41	17°32	26°15	16°31	24° 6	16°50	18°10	28°33	8°R36	6°58	12°40	n.a.	W 7
T 8	9 54 34	0♓31'35	25°25	8°47	18°46	26°51	16°38	24° 4	16°53	18° 9	28°33	8°34	6°55	12°47	n.a.	T 8
F 9	9 58 31	1°29'46	7♌27	8°58	20° 0	27°27	16°45	24° 3	16°57	18° 8	28°33	8°30	6°52	12°53	n.a.	F 9
S 10	10 2 27	2°27'56	19°24	9°14	21°14	28° 3	16°52	24° 1	17° 0	18° 7	28°33	8°24	6°49	13° 0	n.a.	S 10
S 11	10 6 24	3°26'03	1♍18	9°34	22°27	28°38	17° 0	23°59	17° 3	18° 6	28°34	8°16	6°46	13° 7	n.a.	S 11
M12	10 10 20	4°24'09	13°10	9°59	23°41	29°14	17° 7	23°57	17° 7	18° 5	28°34	8° 5	6°42	13°14	n.a.	M12
T 13	10 14 17	5°22'12	25° 3	10°28	24°55	29°50	17°15	23°55	17°10	18° 3	28°34	7°55	6°39	13°20	n.a.	T 13
W14	10 18 13	6°20'14	6♎56	11° 1	26° 8	0♉26	17°23	23°53	17°13	18° 2	28°35	7°44	6°36	13°27	n.a.	W14
T 15	10 22 10	7°18'15	18°54	11°38	27°22	1° 2	17°31	23°50	17°17	18° 2	28°35	7°34	6°33	13°34	n.a.	T 15
F 16	10 26 6	8°16'13	0♏57	12°19	28°36	1°38	17°39	23°48	17°20	18° 1	28°36	7°26	6°30	13°40	n.a.	F 16
S 17	10 30 3	9°14'10	13° 9	13° 4	29°49	2°14	17°47	23°46	17°23	18° 0	28°36	7°21	6°27	13°47	n.a.	S 17
S 18	10 33 59	10°12'06	25°33	13°52	1♓ 3	2°50	17°56	23°43	17°26	17°59	28°37	7°17	6°23	13°54	n.a.	S 18
M19	10 37 56	11°10'00	8♐14	14°44	2°17	3°26	18° 4	23°40	17°29	17°58	28°37	7°D16	6°20	14° 1	n.a.	M19
T 20	10 41 53	12° 7'53	21°16	15°39	3°30	4° 2	18°13	23°38	17°33	17°57	28°38	7°16	6°17	14° 7	n.a.	T 20
W21	10 45 49	13° 5'44	4♑42	16°37	4°44	4°38	18°21	23°35	17°36	17°56	28°38	7°R17	6°14	14°14	n.a.	W21
T 22	10 49 46	14° 3'34	18°35	17°38	5°58	5°14	18°30	23°32	17°39	17°56	28°39	7°16	6°11	14°21	n.a.	T 22
F 23	10 53 42	15° 1'23	2♒56	18°41	7°11	5°50	18°39	23°29	17°42	17°55	28°39	7°14	6° 8	14°27	n.a.	F 23
S 24	10 57 39	15°59'10	17°42	19°48	8°25	6°26	18°48	23°26	17°45	17°54	28°40	7° 9	6° 4	14°34	n.a.	S 24
S 25	11 1 35	16°56'55	2♓49	20°57	9°39	7° 3	18°57	23°23	17°48	17°53	28°40	7° 2	6° 1	14°41	n.a.	S 25
M26	11 5 32	17°54'39	18° 6	22° 9	10°52	7°39	19° 7	23°20	17°51	17°53	28°41	6°53	5°58	14°48	n.a.	M26
T 27	11 9 28	18°52'22	3♈24	23°24	12° 6	8°15	19°16	23°17	17°54	17°52	28°42	6°43	5°55	14°54	n.a.	T 27
W28	11 13 25	19°50'03	18°30	24°41	13°20	8°51	19°26	23°14	17°57	17°51	28°42	6°33	5°52	15° 1	n.a.	W28
T 29	11 17 21	20°47'42	3♉15	26° 0	14°33	9°28	19°35	23°11	18° 0	17°51	28°43	6°25	5°48	15° 8	n.a.	T 29
F 30	11 21 18	21°45'19	17°34	27°22	15°47	10° 4	19°45	23° 7	18° 3	17°50	28°44	6°18	5°45	15°14	n.a.	F 30
S 31	11 25 15	22♓42'55	1♊23	28♒46	17♓ 1	10♉40	19♉55	23♎ 4	18♒ 6	17♋50	28♉45	6♋15	5♋42	15♍21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s53	5n 0	4s58	16s33	1n38	19s23	1s23	9n53	0n57	16n50	0s 5	7s23	2n22	16s56	0s46	23n27	0n48	21n15	1n 2	23n38	23n43	11n29		n.a.
F 2	13 33	10 22	4 28	16 55	1 23	19 3	1 23	10 7	0 58	16 52	0 5	7 23	2 22	16 55	0 46	23 27	0 48	21 15	1 2	23 39	23 43	11 27		n.a.
S 3	13 13	15 3	3 44	17 15	1 7	18 42	1 24	10 20	0 58	16 54	0 5	7 22	2 22	16 54	0 46	23 27	0 48	21 15	1 2	23 39	23 44	11 25		n.a.
S 4	12 53	18 51	2 50	17 34	0 52	18 21	1 24	10 34	0 58	16 56	0 5	7 21	2 22	16 53	0 46	23 27	0 48	21 15	1 3	23 39	23 44	11 22		n.a.
M 5	12 33	21 37	1 47	17 51	0 36	17 59	1 25	10 48	0 59	16 58	0 5	7 21	2 23	16 52	0 46	23 27	0 48	21 15	1 3	23 39	23 44	11 20		n.a.
T 6	12 12	23 14	0 42	18 7	0 21	17 37	1 25	11 2	0 59	17 0	0 4	7 20	2 23	16 51	0 46	23 27	0 48	21 15	1 3	23 38	23 44	11 18		n.a.
W 7	11 51	23 40	0n25	18 21	0 6	17 15	1 26	11 15	0 59	17 3	0 4	7 19	2 23	16 50	0 46	23 28	0 48	21 15	1 3	23 38	23 44	11 15		n.a.
T 8	11 31	22 57	1 29	18 33	0s 8	16 52	1 26	11 29	1 0	17 5	0 4	7 19	2 23	16 49	0 46	23 28	0 48	21 16	1 3	23 39	23 44	11 13		n.a.
F 9	11 10	21 10	2 29	18 43	0 21	16 28	1 26	11 42	1 0	17 7	0 4	7 18	2 23	16 48	0 46	23 28	0 48	21 16	1 3	23 39	23 45	11 11		n.a.
S 10	10 48	18 28	3 21	18 52	0 35	16 4	1 26	11 56	1 0	17 9	0 4	7 17	2 23	16 47	0 46	23 28	0 48	21 16	1 3	23 39	23 45	11 8		n.a.
S 11	10 27	15 1	4 4	18 59	0 47	15 40	1 26	12 9	1 1	17 12	0 4	7 16	2 24	16 46	0 46	23 28	0 48	21 16	1 3	23 40	23 45	11 6		n.a.
M12	10 5	10 59	4 36	19 3	0 59	15 15	1 26	12 22	1 1	17 14	0 4	7 15	2 24	16 45	0 46	23 28	0 48	21 16	1 3	23 40	23 45	11 4		n.a.
T 13	9 44	6 32	4 56	19 6	1 11	14 50	1 26	12 36	1 1	17 16	0 4	7 14	2 24	16 44	0 46	23 28	0 48	21 16	1 3	23 41	23 45	11 1		n.a.
W14	9 22	1 50	5 4	19 7	1 21	14 24	1 26	12 49	1 2	17 19	0 3	7 13	2 24	16 43	0 46	23 29	0 48	21 16	1 3	23 42	23 45	10 59		n.a.
T 15	9 0	2s58	4 58	19 6	1 31	13 58	1 26	13 2	1 2	17 21	0 3	7 12	2 24	16 42	0 46	23 29	0 48	21 16	1 3	23 42	23 46	10 57		n.a.
F 16	8 38	7 41	4 39	19 3	1 41	13 32	1 26	13 15	1 2	17 23	0 3	7 11	2 24	16 41	0 46	23 29	0 48	21 16	1 3	23 43	23 46	10 54		n.a.
S 17	8 16	12 11	4 7	18 59	1 49	13 5	1 25	13 28	1 3	17 26	0 3	7 10	2 24	16 40	0 46	23 29	0 48	21 17	1 3	23 43	23 46	10 52		n.a.
S 18	7 54	16 15	3 23	18 52	1 57	12 38	1 25	13 41	1 3	17 28	0 3	7 9	2 25	16 39	0 46	23 29	0 48	21 17	1 3	23 43	23 46	10 50		n.a.
M19	7 31	19 41	2 28	18 44	2 5	12 11	1 25	13 54	1 3	17 31	0 3	7 8	2 25	16 38	0 46	23 29	0 48	21 17	1 3	23 43	23 46	10 47		n.a.
T 20	7 9	22 14	1 24	18 33	2 11	11 43	1 24	14 7	1 3	17 34	0 3	7 7	2 25	16 37	0 46	23 29	0 48	21 17	1 3	23 43	23 46	10 45		n.a.
W21	6 46	23 37	0 14	18 21	2 17	11 16	1 23	14 19	1 4	17 36	0 2	7 6	2 25	16 36	0 46	23 29	0 48	21 17	1 3	23 43	23 47	10 43		n.a.
T 22	6 24	23 36	1s 0	18 7	2 23	10 47	1 23	14 32	1 4	17 39	0 2	7 5	2 25	16 35	0 46	23 29	0 48	21 17	1 3	23 43	23 47	10 40		n.a.
F 23	6 1	22 2	2 12	17 51	2 27	10 19	1 22	14 45	1 4	17 41	0 2	7 4	2 25	16 34	0 46	23 29	0 48	21 18	1 3	23 43	23 47	10 38		n.a.
S 24	5 38	18 58	3 17	17 34	2 31	9 50	1 21	14 57	1 5	17 44	0 2	7 2	2 25	16 33	0 46	23 30	0 48	21 18	1 3	23 44	23 47	10 36		n.a.
S 25	5 15	14 33	4 10	17 14	2 35	9 21	1 21	15 10	1 5	17 47	0 2	7 1	2 25	16 32	0 46	23 30	0 48	21 18	1 3	23 44	23 47	10 33		n.a.
M26	4 52	9 10	4 46	16 53	2 37	8 52	1 20	15 22	1 5	17 49	0 2	7 0	2 26	16 31	0 46	23 30	0 48	21 18	1 3	23 45	23 47	10 31		n.a.
T 27	4 29	3 13	5 1	16 30	2 39	8 22	1 19	15 34	1 5	17 52	0 2	6 59	2 26	16 30	0 46	23 30	0 48	21 18	1 3	23 45	23 47	10 29		n.a.
W28	4 6	2n51	4 55	16 5	2 41	7 53	1 18	15 46	1 6	17 55	0 2	6 57	2 26	16 29	0 46	23 30	0 48	21 18	1 3	23 46	23 48	10 26		n.a.
T 29	3 43	8 38	4 30	15 38	2 42	7 23	1 17	15 58	1 6	17 58	0 1	6 56	2 26	16 28	0 46	23 30	0 48	21 19	1 4	23 46	23 48	10 24		n.a.
F 30	3 20	13 47	3 48	15 9	2 42	6 53	1 16	16 10	1 6	18 1	0 1	6 55	2 26	16 27	0 46	23 30	0 48	21 19	1 4	23 46	23 48	10 21		n.a.
S 31	2s57	18n 2	2s53	14s39	2s41	6s22	1s15	16n22	1n 6	18n 3	0s 1	6s53	2n26	16s26	0s46	23n30	0n48	21n19	1n 4	23n47	23n48	10n19		n.a.

Julian Day Number = 983677.5, Delta T = 13h10m48s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'09, Lahiri = -31°48'09 Julian Calendar 1 March 2020 BCE == Greg. Calendar 12 Feb. 2020 BCE

The year -2019 astronomical counting style corresponds to year 2020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

APRIL 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 29 11	23♓40'29	14♊44	0♓13	18♓14	11♉16	20♉ 4	23°R 0	18♒ 9	17°R49	28♉46	6°R13	5♋39	15♍28	n.a.	S 1
M 2	11 33 8	24°38'02	27°38	1°41	19°28	11°53	20°14	22♎57	18°12	17♋49	28°46	6°D13	5°36	15°35	n.a.	M 2
T 3	11 37 4	25°35'33	10♋12	3°12	20°42	12°29	20°25	22°53	18°15	17°48	28°47	6°R13	5°33	15°41	n.a.	T 3
W 4	11 41 1	26°33'02	22°28	4°46	21°55	13° 5	20°35	22°50	18°18	17°48	28°48	6♋12	5°29	15°48	n.a.	W 4
T 5	11 44 57	27°30'30	4♌32	6°21	23° 9	13°42	20°45	22°46	18°21	17°48	28°49	6° 9	5°26	15°55	n.a.	T 5
F 6	11 48 54	28°27'56	16°29	7°59	24°23	14°18	20°55	22°42	18°24	17°47	28°50	6° 4	5°23	16° 1	n.a.	F 6
S 7	11 52 50	29°25'21	28°21	9°39	25°36	14°55	21° 6	22°38	18°26	17°47	28°51	5°56	5°20	16° 8	n.a.	S 7
S 8	11 56 47	0♈22'44	10♍12	11°21	26°50	15°31	21°16	22°34	18°29	17°47	28°52	5°45	5°17	16°15	n.a.	S 8
M 9	12 0 44	1°20'06	22° 4	13° 5	28° 3	16° 8	21°27	22°31	18°32	17°47	28°53	5°33	5°13	16°22	n.a.	M 9
T 10	12 4 40	2°17'27	3♎59	14°52	29°17	16°44	21°38	22°27	18°35	17°46	28°54	5°19	5°10	16°28	n.a.	T 10
W11	12 8 37	3°14'47	15°58	16°40	0♈31	17°21	21°48	22°23	18°37	17°46	28°55	5° 5	5° 7	16°35	n.a.	W11
T 12	12 12 33	4°12'06	28° 2	18°31	1°44	17°57	21°59	22°19	18°40	17°46	28°56	4°53	5° 4	16°42	n.a.	T 12
F 13	12 16 30	5° 9'23	10♏13	20°24	2°58	18°34	22°10	22°14	18°42	17°46	28°57	4°42	5° 1	16°48	n.a.	F 13
S 14	12 20 26	6° 6'40	22°32	22°20	4°11	19°10	22°21	22°10	18°45	17°46	28°58	4°35	4°58	16°55	n.a.	S 14
S 15	12 24 23	7° 3'56	5♐ 2	24°17	5°25	19°47	22°32	22° 6	18°48	17°46	28°59	4°30	4°54	17° 2	n.a.	S 15
M16	12 28 19	8° 1'12	17°46	26°16	6°39	20°23	22°43	22° 2	18°50	17°D46	29° 0	4°28	4°51	17° 9	n.a.	M16
T 17	12 32 16	8°58'27	0♑48	28°17	7°52	21° 0	22°55	21°58	18°52	17°46	29° 1	4°27	4°48	17°15	n.a.	T 17
W18	12 36 13	9°55'41	14° 9	0♈21	9° 6	21°37	23° 6	21°54	18°55	17°46	29° 2	4°27	4°45	17°22	n.a.	W18
T 19	12 40 9	10°52'54	27°54	2°25	10°20	22°13	23°17	21°49	18°57	17°46	29° 3	4°26	4°42	17°29	n.a.	T 19
F 20	12 44 6	11°50'08	12♒ 4	4°32	11°33	22°50	23°29	21°45	19° 0	17°46	29° 4	4°24	4°39	17°35	n.a.	F 20
S 21	12 48 2	12°47'20	26°38	6°40	12°47	23°27	23°40	21°41	19° 2	17°46	29° 6	4°19	4°35	17°42	n.a.	S 21
S 22	12 51 59	13°44'32	11♓32	8°49	14° 1	24° 3	23°52	21°37	19° 4	17°47	29° 7	4°12	4°32	17°49	n.a.	S 22
M23	12 55 55	14°41'43	26°39	10°59	15°14	24°40	24° 4	21°32	19° 7	17°47	29° 8	4° 2	4°29	17°56	n.a.	M23
T 24	12 59 52	15°38'54	11♈49	13°10	16°28	25°17	24°15	21°28	19° 9	17°47	29° 9	3°52	4°26	18° 2	n.a.	T 24
W25	13 3 48	16°36'04	26°53	15°21	17°42	25°54	24°27	21°24	19°11	17°47	29°10	3°41	4°23	18° 9	n.a.	W25
T 26	13 7 45	17°33'13	11♉40	17°32	18°55	26°31	24°39	21°19	19°13	17°48	29°12	3°32	4°19	18°16	n.a.	T 26
F 27	13 11 42	18°30'22	26° 2	19°44	20° 9	27° 7	24°51	21°15	19°15	17°48	29°13	3°26	4°16	18°22	n.a.	F 27
S 28	13 15 38	19°27'29	9♊56	21°55	21°22	27°44	25° 3	21°10	19°17	17°48	29°14	3°22	4°13	18°29	n.a.	S 28
S 29	13 19 35	20°24'37	23°22	24° 6	22°36	28°21	25°15	21° 6	19°19	17°49	29°16	3°20	4°10	18°36	n.a.	S 29
M30	13 23 31	21♈21'43	6♋20	26♈16	23♈50	28♉58	25♉27	21♎ 2	19♒21	17♋49	29♉17	3°D19	4♋ 7	18♍43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s34	21n11	1s51	14s 7	2s40	5s52	1s13	16n34	1n 6	18n 6	0s 1	6s52	2n26	16s25	0s46	23n30	0n48	21n19	1n 4	23n47	23n48	10n17		n.a.
M 2	2 10	23 9	0 45	13 33	2 38	5 21	1 12	16 46	1 7	18 9	0 1	6 50	2 26	16 25	0 46	23 30	0 48	21 20	1 4	23 47	23 48	10 14		n.a.
T 3	1 47	23 53	0n21	12 57	2 36	4 51	1 11	16 57	1 7	18 12	0 1	6 49	2 26	16 24	0 46	23 30	0 48	21 20	1 4	23 47	23 48	10 12		n.a.
W 4	1 24	23 24	1 25	12 20	2 33	4 20	1 10	17 9	1 7	18 15	0 1	6 48	2 26	16 23	0 46	23 30	0 48	21 20	1 4	23 47	23 49	10 9		n.a.
T 5	1 1	21 50	2 24	11 40	2 30	3 49	1 8	17 20	1 7	18 18	0 1	6 46	2 26	16 22	0 46	23 30	0 48	21 20	1 4	23 47	23 49	10 7		n.a.
F 6	0 37	19 19	3 16	10 59	2 26	3 18	1 7	17 32	1 8	18 21	0 0	6 45	2 26	16 21	0 46	23 30	0 48	21 21	1 4	23 47	23 49	10 5		n.a.
S 7	0 14	16 0	3 58	10 17	2 21	2 46	1 5	17 43	1 8	18 23	0 0	6 43	2 27	16 20	0 46	23 30	0 48	21 21	1 4	23 47	23 49	10 2		n.a.
S 8	0n 9	12 3	4 31	9 32	2 16	2 15	1 4	17 54	1 8	18 26	0 0	6 42	2 27	16 19	0 46	23 30	0 48	21 21	1 4	23 48	23 49	10 0		n.a.
M 9	0 32	7 39	4 51	8 46	2 10	1 44	1 2	18 5	1 8	18 29	0 0	6 40	2 27	16 19	0 46	23 30	0 48	21 21	1 4	23 48	23 49	9 57		n.a.
T 10	0 56	2 57	4 59	7 58	2 4	1 13	1 0	18 16	1 8	18 32	0 0	6 39	2 27	16 18	0 46	23 30	0 48	21 22	1 4	23 49	23 49	9 55		n.a.
W11	1 19	1s53	4 54	7 9	1 57	0 41	0 59	18 27	1 9	18 35	0n 0	6 37	2 27	16 17	0 46	23 30	0 48	21 22	1 4	23 50	23 49	9 53		n.a.
T 12	1 42	6 42	4 36	6 18	1 49	0 10	0 57	18 37	1 9	18 38	0 0	6 36	2 27	16 16	0 46	23 30	0 48	21 22	1 4	23 50	23 50	9 50		n.a.
F 13	2 5	11 19	4 5	5 25	1 42	0n22	0 55	18 48	1 9	18 41	0 0	6 34	2 27	16 15	0 46	23 30	0 48	21 22	1 4	23 50	23 50	9 48		n.a.
S 14	2 28	15 32	3 22	4 32	1 33	0 53	0 53	18 59	1 9	18 44	0 0	6 32	2 27	16 15	0 46	23 30	0 48	21 23	1 4	23 51	23 50	9 45		n.a.
S 15	2 52	19 8	2 29	3 36	1 24	1 25	0 52	19 9	1 9	18 47	0 1	6 31	2 27	16 14	0 46	23 30	0 48	21 23	1 4	23 51	23 50	9 43		n.a.
M16	3 15	21 54	1 27	2 40	1 15	1 56	0 50	19 19	1 9	18 50	0 1	6 29	2 27	16 13	0 46	23 30	0 48	21 23	1 4	23 51	23 50	9 40		n.a.
T 17	3 38	23 36	0 19	1 42	1 6	2 27	0 48	19 29	1 10	18 53	0 1	6 28	2 27	16 12	0 46	23 30	0 48	21 23	1 4	23 51	23 50	9 38		n.a.
W18	4 1	24 0	0s51	0 43	0 56	2 59	0 46	19 39	1 10	18 56	0 1	6 26	2 27	16 11	0 46	23 30	0 48	21 24	1 4	23 51	23 50	9 36		n.a.
T 19	4 23	22 58	2 1	0n17	0 46	3 30	0 44	19 49	1 10	18 59	0 1	6 24	2 27	16 11	0 46	23 30	0 48	21 24	1 4	23 51	23 50	9 33		n.a.
F 20	4 46	20 28	3 5	1 18	0 35	4 1	0 42	19 59	1 10	19 2	0 1	6 23	2 27	16 10	0 47	23 30	0 48	21 24	1 4	23 51	23 51	9 31		n.a.
S 21	5 9	16 37	3 59	2 19	0 25	4 32	0 40	20 9	1 10	19 5	0 1	6 21	2 27	16 9	0 47	23 30	0 48	21 25	1 5	23 51	23 51	9 28		n.a.
S 22	5 32	11 39	4 38	3 21	0 14	5 4	0 38	20 18	1 10	19 8	0 1	6 20	2 27	16 9	0 47	23 30	0 48	21 25	1 5	23 51	23 51	9 26		n.a.
M23	5 54	5 54	4 58	4 22	0 4	5 35	0 35	20 28	1 10	19 12	0 1	6 18	2 27	16 8	0 47	23 30	0 48	21 25	1 5	23 52	23 51	9 23		n.a.
T 24	6 17	0n13	4 58	5 24	0n 7	6 5	0 33	20 37	1 11	19 15	0 2	6 16	2 27	16 7	0 47	23 30	0 48	21 26	1 5	23 52	23 51	9 21		n.a.
W25	6 39	6 16	4 37	6 26	0 17	6 36	0 31	20 46	1 11	19 18	0 2	6 15	2 27	16 7	0 47	23 30	0 48	21 26	1 5	23 52	23 51	9 18		n.a.
T 26	7 2	11 53	3 57	7 27	0 28	7 7	0 29	20 55	1 11	19 21	0 2	6 13	2 27	16 6	0 47	23 30	0 48	21 26	1 5	23 53	23 51	9 16		n.a.
F 27	7 24	16 41	3 4	8 27	0 38	7 37	0 27	21 4	1 11	19 24	0 2	6 11	2 27	16 5	0 47	23 30	0 48	21 27	1 5	23 53	23 51	9 13		n.a.
S 28	7 46	20 24	2 1	9 26	0 47	8 7	0 24	21 13	1 11	19 27	0 2	6 10	2 27	16 5	0 47	23 30	0 47	21 27	1 5	23 53	23 51	9 11		n.a.
S 29	8 8	22 53	0 53	10 24	0 57	8 37	0 22	21 21	1 11	19 30	0 2	6 8	2 27	16 4	0 47	23 30	0 47	21 27	1 5	23 53	23 52	9 8		n.a.
M30	8n30	24n 2	0n16	11n21	1n 6	9n 7	0s20	21n30	1n11	19n33	0n 2	6s 6	2n27	16s 3	0s47	23n30	0n47	21n28	1n 5	23n53	23n52	9n 6		n.a.

Julian Day Number = 983708.5, Delta T = 13h10m46s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'05, Lahiri = -31°48'04 Julian Calendar 1 Apr. 2020 BCE == Greg. Calendar 15 March 2020 BCE

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

MAY 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 27 28	22♈18'48	18♋56	28♈24	25♈ 3	29♉35	25♉39	20°R57	19♒23	17♋50	29♉18	3°R20	4♋ 4	18♍49	n.a.	T 1
W 2	13 31 24	23°15'53	1♌13	0♉32	26°17	0♊12	25°51	20♎53	19°25	17°50	29°20	3♋19	4° 0	18°56	n.a.	W 2
T 3	13 35 21	24°12'57	13°17	2°38	27°31	0°49	26° 3	20°48	19°27	17°51	29°21	3°18	3°57	19° 3	n.a.	T 3
F 4	13 39 18	25°10'01	25°13	4°42	28°44	1°26	26°16	20°44	19°29	17°51	29°22	3°14	3°54	19° 9	n.a.	F 4
S 5	13 43 14	26° 7'04	7♍ 4	6°45	29°58	2° 3	26°28	20°40	19°31	17°52	29°24	3° 7	3°51	19°16	n.a.	S 5
S 6	13 47 11	27° 4'06	18°56	8°46	1♉12	2°40	26°40	20°35	19°33	17°53	29°25	2°59	3°48	19°23	n.a.	S 6
M 7	13 51 7	28° 1'08	0♎50	10°45	2°25	3°17	26°53	20°31	19°34	17°53	29°26	2°48	3°44	19°30	n.a.	M 7
T 8	13 55 4	28°58'10	12°49	12°42	3°39	3°54	27° 5	20°27	19°36	17°54	29°28	2°37	3°41	19°36	n.a.	T 8
W 9	13 59 0	29°55'11	24°56	14°37	4°53	4°31	27°18	20°22	19°38	17°55	29°29	2°25	3°38	19°43	n.a.	W 9
T 10	14 2 57	0♉52'12	7♏10	16°30	6° 6	5° 8	27°30	20°18	19°39	17°55	29°31	2°15	3°35	19°50	n.a.	T 10
F 11	14 6 53	1°49'13	19°34	18°20	7°20	5°45	27°43	20°14	19°41	17°56	29°32	2° 7	3°32	19°57	n.a.	F 11
S 12	14 10 50	2°46'14	2♐ 7	20° 9	8°34	6°22	27°55	20°10	19°42	17°57	29°34	2° 0	3°29	20° 3	n.a.	S 12
S 13	14 14 47	3°43'15	14°50	21°55	9°47	6°59	28° 8	20° 5	19°44	17°58	29°35	1°57	3°25	20°10	n.a.	S 13
M14	14 18 43	4°40'17	27°46	23°39	11° 1	7°36	28°21	20° 1	19°45	17°59	29°37	1°D55	3°22	20°17	n.a.	M14
T 15	14 22 40	5°37'19	10♑56	25°21	12°15	8°14	28°33	19°57	19°46	18° 0	29°38	1°56	3°19	20°23	n.a.	T 15
W16	14 26 36	6°34'20	24°22	27° 1	13°28	8°51	28°46	19°53	19°48	18° 1	29°40	1°56	3°16	20°30	n.a.	W16
T 17	14 30 33	7°31'23	8♒ 6	28°39	14°42	9°28	28°59	19°49	19°49	18° 2	29°41	1°R57	3°13	20°37	n.a.	T 17
F 18	14 34 29	8°28'25	22° 8	0♊14	15°56	10° 5	29°12	19°45	19°50	18° 3	29°43	1°56	3°10	20°44	n.a.	F 18
S 19	14 38 26	9°25'29	6♓29	1°48	17°10	10°42	29°25	19°41	19°51	18° 4	29°44	1°53	3° 6	20°50	n.a.	S 19
S 20	14 42 23	10°22'32	21° 4	3°19	18°23	11°20	29°38	19°37	19°53	18° 5	29°46	1°49	3° 3	20°57	n.a.	S 20
M21	14 46 19	11°19'36	5♈51	4°47	19°37	11°57	29°51	19°33	19°54	18° 6	29°47	1°42	3° 0	21° 4	n.a.	M21
T 22	14 50 16	12°16'40	20°41	6°14	20°51	12°34	0♊ 4	19°29	19°55	18° 7	29°49	1°35	2°57	21°10	n.a.	T 22
W23	14 54 12	13°13'45	5♉27	7°38	22° 4	13°12	0°17	19°25	19°56	18° 8	29°51	1°28	2°54	21°17	n.a.	W23
T 24	14 58 9	14°10'50	20° 0	9° 0	23°18	13°49	0°30	19°21	19°57	18° 9	29°52	1°21	2°50	21°24	n.a.	T 24
F 25	15 2 5	15° 7'56	4♊14	10°20	24°32	14°27	0°43	19°18	19°58	18°10	29°54	1°17	2°47	21°31	n.a.	F 25
S 26	15 6 2	16° 5'02	18° 5	11°37	25°46	15° 4	0°56	19°14	19°58	18°12	29°55	1°14	2°44	21°37	n.a.	S 26
S 27	15 9 59	17° 2'08	1♋30	12°52	26°59	15°42	1° 9	19°10	19°59	18°13	29°57	1°D13	2°41	21°44	n.a.	S 27
M28	15 13 55	17°59'15	14°30	14° 4	28°13	16°19	1°22	19° 7	20° 0	18°14	29°58	1°14	2°38	21°51	n.a.	M28
T 29	15 17 52	18°56'21	27° 9	15°13	29°27	16°57	1°35	19° 3	20° 1	18°15	0♊ 0	1°15	2°35	21°58	n.a.	T 29
W30	15 21 48	19°53'28	9♌28	16°20	0♊41	17°34	1°48	19° 0	20° 1	18°17	0° 2	1°17	2°31	22° 4	n.a.	W30
T 31	15 25 45	20♉50'35	21♌34	17♊24	1♊54	18♊12	2♊ 1	18♎56	20♒ 2	18♋18	0♊ 3	1°R17	2♋28	22♍11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	8n51	23n55	1n22	12n16	1n14	9n37	0s18	21n38	1n11	19n36	0n 2	6s 5	2n27	16s 3	0s47	23n30	0n47	21n28	1n 5	23n53		23n52		9n 4			n.a.
W 2	9 13	22 36	2 22	13 10	1 22	10 7	0 15	21 46	1 12	19 39	0 2	6 3	2 27	16 2	0 47	23 30	0 47	21 28	1 5	23 53		23 52		9 1			n.a.
T 3	9 35	20 17	3 15	14 1	1 29	10 36	0 13	21 54	1 12	19 42	0 3	6 2	2 26	16 2	0 47	23 30	0 47	21 29	1 5	23 53		23 52		8 59			n.a.
F 4	9 56	17 7	3 59	14 51	1 36	11 5	0 11	22 2	1 12	19 45	0 3	6 0	2 26	16 1	0 47	23 29	0 47	21 29	1 5	23 53		23 52		8 56			n.a.
S 5	10 17	13 17	4 32	15 39	1 42	11 34	0 8	22 10	1 12	19 48	0 3	5 58	2 26	16 1	0 47	23 29	0 47	21 29	1 5	23 53		23 52		8 54			n.a.
S 6	10 38	8 57	4 54	16 24	1 47	12 2	0 6	22 17	1 12	19 51	0 3	5 57	2 26	16 0	0 47	23 29	0 47	21 30	1 5	23 54		23 52		8 51			n.a.
M 7	10 59	4 16	5 2	17 7	1 52	12 30	0 4	22 25	1 12	19 54	0 3	5 55	2 26	16 0	0 47	23 29	0 47	21 30	1 5	23 54		23 52		8 49			n.a.
T 8	11 20	0s36	4 58	17 48	1 56	12 58	0 1	22 32	1 12	19 57	0 3	5 54	2 26	15 59	0 47	23 29	0 47	21 30	1 5	23 54		23 52		8 46			n.a.
W 9	11 40	5 31	4 40	18 27	1 59	13 26	0n 1	22 39	1 12	20 0	0 3	5 52	2 26	15 59	0 47	23 29	0 47	21 31	1 5	23 54		23 53		8 44			n.a.
T 10	12 1	10 16	4 9	19 3	2 2	13 53	0 4	22 46	1 12	20 3	0 3	5 51	2 26	15 58	0 47	23 29	0 47	21 31	1 5	23 54		23 53		8 41			n.a.
F 11	12 21	14 41	3 26	19 37	2 4	14 20	0 6	22 53	1 12	20 6	0 3	5 49	2 26	15 58	0 47	23 29	0 47	21 32	1 6	23 55		23 53		8 39			n.a.
S 12	12 41	18 31	2 32	20 9	2 6	14 46	0 8	23 0	1 12	20 9	0 4	5 48	2 26	15 57	0 47	23 29	0 47	21 32	1 6	23 55		23 53		8 36			n.a.
S 13	13 1	21 33	1 30	20 39	2 6	15 13	0 11	23 7	1 13	20 12	0 4	5 46	2 26	15 57	0 47	23 28	0 47	21 32	1 6	23 55		23 53		8 33			n.a.
M14	13 20	23 32	0 22	21 6	2 6	15 39	0 13	23 13	1 13	20 15	0 4	5 45	2 26	15 56	0 47	23 28	0 47	21 33	1 6	23 55		23 53		8 31			n.a.
T 15	13 40	24 16	0s48	21 31	2 6	16 4	0 15	23 19	1 13	20 18	0 4	5 43	2 25	15 56	0 47	23 28	0 47	21 33	1 6	23 55		23 53		8 28			n.a.
W16	13 59	23 36	1 57	21 54	2 4	16 29	0 18	23 25	1 13	20 21	0 4	5 42	2 25	15 56	0 47	23 28	0 47	21 33	1 6	23 55		23 53		8 26			n.a.
T 17	14 18	21 32	3 1	22 15	2 3	16 54	0 20	23 31	1 13	20 24	0 4	5 40	2 25	15 55	0 47	23 28	0 47	21 34	1 6	23 55		23 53		8 23			n.a.
F 18	14 37	18 7	3 56	22 34	2 0	17 18	0 22	23 37	1 13	20 27	0 4	5 39	2 25	15 55	0 48	23 28	0 47	21 34	1 6	23 55		23 53		8 21			n.a.
S 19	14 55	13 35	4 37	22 51	1 57	17 42	0 25	23 42	1 13	20 30	0 4	5 37	2 25	15 54	0 48	23 28	0 47	21 35	1 6	23 55		23 53		8 18			n.a.
S 20	15 14	8 12	5 1	23 6	1 53	18 5	0 27	23 48	1 13	20 33	0 4	5 36	2 25	15 54	0 48	23 27	0 47	21 35	1 6	23 55		23 53		8 16			n.a.
M21	15 32	2 18	5 6	23 19	1 49	18 28	0 29	23 53	1 13	20 36	0 4	5 35	2 25	15 54	0 48	23 27	0 47	21 35	1 6	23 55		23 53		8 13			n.a.
T 22	15 50	3n46	4 50	23 30	1 44	18 50	0 32	23 58	1 13	20 39	0 5	5 33	2 24	15 53	0 48	23 27	0 47	21 36	1 6	23 55		23 54		8 11			n.a.
W23	16 8	9 36	4 15	23 39	1 39	19 12	0 34	24 3	1 13	20 42	0 5	5 32	2 24	15 53	0 48	23 27	0 47	21 36	1 6	23 55		23 54		8 8			n.a.
T 24	16 25	14 50	3 24	23 46	1 33	19 33	0 36	24 8	1 13	20 45	0 5	5 30	2 24	15 53	0 48	23 27	0 47	21 37	1 6	23 55		23 54		8 6			n.a.
F 25	16 42	19 7	2 20	23 52	1 26	19 54	0 38	24 13	1 13	20 48	0 5	5 29	2 24	15 53	0 48	23 27	0 47	21 37	1 6	23 55		23 54		8 3			n.a.
S 26	16 59	22 13	1 10	23 56	1 19	20 15	0 40	24 17	1 13	20 51	0 5	5 28	2 24	15 52	0 48	23 26	0 47	21 37	1 6	23 55		23 54		8 0			n.a.
S 27	17 16	23 57	0n 2	23 59	1 11	20 34	0 43	24 21	1 13	20 53	0 5	5 27	2 24	15 52	0 48	23 26	0 47	21 38	1 6	23 55		23 54		7 58			n.a.
M28	17 32	24 18	1 11	24 0	1 3	20 54	0 45	24 25	1 13	20 56	0 5	5 25	2 23	15 52	0 48	23 26	0 47	21 38	1 6	23 55		23 54		7 55			n.a.
T 29	17 48	23 22	2 16	24 0	0 55	21 12	0 47	24 29	1 13	20 59	0 5	5 24	2 23	15 52	0 48	23 26	0 47	21 39	1 7	23 55		23 54		7 53			n.a.
W30	18 4	21 20	3 12	23 58	0 46	21 30	0 49	24 33	1 13	21 2	0 5	5 23	2 23	15 52	0 48	23 26	0 47	21 39	1 7	23 55		23 54		7 50			n.a.
T 31	18n20	18n22	3n59	23n55	0n36	21n48	0n51	24n36	1n13	21n 5	0n 6	5s22	2n23	15s51	0s48	23n25	0n47	21n39	1n 7	23n55		23n54		7n48			n.a.

Julian Day Number = 983738.5, Delta T = 13h10m44s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°55'01, Lahiri = -31°48'00 Julian Calendar 1 May 2020 BCE == Greg. Calendar 14 Apr. 2020 BCE

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

JUNE 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 29 41	21♉47'43	3♍31	18♊26	3♊ 8	18♊49	2♊15	18°R53	20♒ 3	18♋20	0♊ 5	1°R16	2♋25	22♍18	n.a.	F 1
S 2	15 33 38	22°44'51	15°24	19°24	4°22	19°27	2°28	18♎50	20° 3	18°21	0° 6	1♋14	2°22	22°24	n.a.	S 2
S 3	15 37 34	23°41'59	27°17	20°19	5°36	20° 4	2°41	18°47	20° 4	18°22	0° 8	1°10	2°19	22°31	n.a.	S 3
M 4	15 41 31	24°39'08	9♎15	21°11	6°49	20°42	2°54	18°43	20° 4	18°24	0°10	1° 5	2°16	22°38	n.a.	M 4
T 5	15 45 28	25°36'17	21°19	22° 0	8° 3	21°20	3° 7	18°40	20° 4	18°25	0°11	0°59	2°12	22°45	n.a.	T 5
W 6	15 49 24	26°33'27	3♏34	22°45	9°17	21°57	3°21	18°37	20° 5	18°27	0°13	0°53	2° 9	22°51	n.a.	W 6
T 7	15 53 21	27°30'37	16° 0	23°27	10°31	22°35	3°34	18°34	20° 5	18°28	0°15	0°47	2° 6	22°58	n.a.	T 7
F 8	15 57 17	28°27'49	28°38	24° 5	11°45	23°13	3°47	18°32	20° 5	18°30	0°16	0°43	2° 3	23° 5	n.a.	F 8
S 9	16 1 14	29°25'01	11♐29	24°39	12°58	23°51	4° 0	18°29	20° 5	18°31	0°18	0°40	2° 0	23°11	n.a.	S 9
S 10	16 5 10	0♊22'14	24°33	25° 9	14°12	24°28	4°14	18°26	20° 6	18°33	0°19	0°D38	1°56	23°18	n.a.	S 10
M11	16 9 7	1°19'29	7♑50	25°35	15°26	25° 6	4°27	18°23	20° 6	18°35	0°21	0°39	1°53	23°25	n.a.	M11
T 12	16 13 4	2°16'44	21°18	25°56	16°40	25°44	4°40	18°21	20°R 6	18°36	0°23	0°40	1°50	23°32	n.a.	T 12
W13	16 17 0	3°14'01	4♒59	26°12	17°53	26°22	4°54	18°18	20° 6	18°38	0°24	0°41	1°47	23°38	n.a.	W13
T 14	16 20 57	4°11'19	18°51	26°24	19° 7	27° 0	5° 7	18°16	20° 6	18°40	0°26	0°42	1°44	23°45	n.a.	T 14
F 15	16 24 53	5° 8'38	2♓55	26°31	20°21	27°38	5°20	18°14	20° 6	18°41	0°28	0°R43	1°41	23°52	n.a.	F 15
S 16	16 28 50	6° 5'58	17° 8	26°R33	21°35	28°16	5°34	18°11	20° 5	18°43	0°29	0°43	1°37	23°59	n.a.	S 16
S 17	16 32 46	7° 3'20	1♈28	26°30	22°49	28°54	5°47	18° 9	20° 5	18°45	0°31	0°41	1°34	24° 5	n.a.	S 17
M18	16 36 43	8° 0'44	15°52	26°21	24° 2	29°32	6° 0	18° 7	20° 5	18°47	0°33	0°39	1°31	24°12	n.a.	M18
T 19	16 40 39	8°58'08	0♉17	26° 8	25°16	0♋10	6°13	18° 5	20° 5	18°48	0°34	0°36	1°28	24°19	n.a.	T 19
W20	16 44 36	9°55'35	14°36	25°49	26°30	0°48	6°27	18° 3	20° 4	18°50	0°36	0°33	1°25	24°25	n.a.	W20
T 21	16 48 33	10°53'02	28°45	25°25	27°44	1°26	6°40	18° 2	20° 4	18°52	0°37	0°31	1°22	24°32	n.a.	T 21
F 22	16 52 29	11°50'31	12♊39	24°56	28°58	2° 4	6°53	18° 0	20° 3	18°54	0°39	0°29	1°18	24°39	n.a.	F 22
S 23	16 56 26	12°48'02	26°16	24°23	0♋11	2°42	7° 7	17°58	20° 3	18°56	0°41	0°D28	1°15	24°46	n.a.	S 23
S 24	17 0 22	13°45'33	9♋32	23°46	1°25	3°20	7°20	17°57	20° 2	18°58	0°42	0°29	1°12	24°52	n.a.	S 24
M25	17 4 19	14°43'06	22°28	23° 4	2°39	3°58	7°33	17°55	20° 2	19° 0	0°44	0°29	1° 9	24°59	n.a.	M25
T 26	17 8 15	15°40'40	5♌ 5	22°20	3°53	4°37	7°46	17°54	20° 1	19° 2	0°45	0°31	1° 6	25° 6	n.a.	T 26
W27	17 12 12	16°38'15	17°25	21°33	5° 7	5°15	8° 0	17°53	20° 0	19° 4	0°47	0°32	1° 2	25°13	n.a.	W27
T 28	17 16 9	17°35'52	29°33	20°44	6°21	5°53	8°13	17°51	20° 0	19° 5	0°49	0°33	0°59	25°19	n.a.	T 28
F 29	17 20 5	18°33'29	11♍31	19°55	7°34	6°32	8°26	17°50	19°59	19° 7	0°50	0°33	0°56	25°26	n.a.	F 29
S 30	17 24 2	19♊31'08	23♍25	19♊ 5	8♋48	7♋10	8♊39	17♎49	19♒58	19♋ 9	0♊52	0°R34	0♋53	25♍33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n35	14n40	4n35	23n51	0n26	22n 5	0n53	24n40	1n13	21n 7	0n 6	5s21	2n23	15s51	0s48	23n25	0n47	21n40	1n 7	23n55	23n54	7n45		n.a.
S 2	18 50	10 26	4 59	23 45	0 16	22 21	0 55	24 43	1 13	21 10	0 6	5 20	2 23	15 51	0 48	23 25	0 47	21 40	1 7	23 55	23 54	7 43		n.a.
S 3	19 5	5 49	5 10	23 39	0 5	22 36	0 57	24 46	1 13	21 13	0 6	5 19	2 22	15 51	0 48	23 25	0 47	21 41	1 7	23 55	23 54	7 40		n.a.
M 4	19 19	0 57	5 7	23 31	0s 7	22 51	0 59	24 49	1 13	21 16	0 6	5 18	2 22	15 51	0 48	23 25	0 47	21 41	1 7	23 55	23 54	7 37		n.a.
T 5	19 33	4s 0	4 51	23 22	0 18	23 6	1 1	24 51	1 13	21 18	0 6	5 17	2 22	15 51	0 48	23 24	0 47	21 42	1 7	23 55	23 54	7 35		n.a.
W 6	19 47	8 52	4 22	23 13	0 31	23 19	1 2	24 54	1 13	21 21	0 6	5 16	2 22	15 51	0 48	23 24	0 47	21 42	1 7	23 55	23 54	7 32		n.a.
T 7	20 0	13 28	3 39	23 3	0 43	23 32	1 4	24 56	1 13	21 24	0 6	5 15	2 22	15 51	0 48	23 24	0 47	21 42	1 7	23 55	23 55	7 30		n.a.
F 8	20 13	17 34	2 46	22 52	0 56	23 44	1 6	24 58	1 13	21 26	0 6	5 14	2 21	15 51	0 48	23 24	0 47	21 43	1 7	23 55	23 55	7 27		n.a.
S 9	20 26	20 55	1 43	22 40	1 9	23 56	1 8	25 0	1 13	21 29	0 6	5 13	2 21	15 51	0 48	23 23	0 47	21 43	1 7	23 55	23 55	7 24		n.a.
S 10	20 38	23 15	0 33	22 28	1 22	24 7	1 9	25 2	1 13	21 32	0 7	5 12	2 21	15 51	0 48	23 23	0 47	21 44	1 7	23 55	23 55	7 22		n.a.
M11	20 51	24 21	0s39	22 15	1 36	24 17	1 11	25 3	1 13	21 34	0 7	5 11	2 21	15 51	0 48	23 23	0 47	21 44	1 7	23 55	23 55	7 19		n.a.
T 12	21 2	24 1	1 51	22 2	1 49	24 27	1 12	25 5	1 13	21 37	0 7	5 11	2 21	15 51	0 49	23 23	0 47	21 44	1 7	23 55	23 55	7 17		n.a.
W13	21 14	22 16	2 57	21 49	2 3	24 35	1 14	25 6	1 13	21 40	0 7	5 10	2 20	15 51	0 49	23 23	0 47	21 45	1 7	23 55	23 55	7 14		n.a.
T 14	21 25	19 10	3 54	21 36	2 17	24 43	1 15	25 7	1 13	21 42	0 7	5 9	2 20	15 51	0 49	23 22	0 47	21 45	1 8	23 55	23 55	7 11		n.a.
F 15	21 35	14 57	4 38	21 22	2 31	24 51	1 17	25 7	1 13	21 45	0 7	5 8	2 20	15 51	0 49	23 22	0 47	21 46	1 8	23 55	23 55	7 9		n.a.
S 16	21 46	9 51	5 5	21 9	2 44	24 57	1 18	25 8	1 13	21 47	0 7	5 8	2 20	15 51	0 49	23 22	0 47	21 46	1 8	23 55	23 55	7 6		n.a.
S 17	21 56	4 11	5 14	20 55	2 58	25 3	1 19	25 8	1 13	21 50	0 7	5 7	2 19	15 51	0 49	23 22	0 47	21 47	1 8	23 55	23 55	7 4		n.a.
M18	22 5	1n43	5 3	20 42	3 11	25 8	1 21	25 9	1 13	21 52	0 7	5 6	2 19	15 51	0 49	23 21	0 47	21 47	1 8	23 55	23 55	7 1		n.a.
T 19	22 15	7 33	4 33	20 29	3 23	25 12	1 22	25 9	1 13	21 55	0 8	5 6	2 19	15 51	0 49	23 21	0 47	21 47	1 8	23 55	23 55	6 58		n.a.
W20	22 23	12 57	3 46	20 17	3 35	25 16	1 23	25 8	1 13	21 57	0 8	5 5	2 19	15 52	0 49	23 21	0 47	21 48	1 8	23 55	23 55	6 56		n.a.
T 21	22 32	17 35	2 46	20 5	3 46	25 18	1 24	25 8	1 13	21 59	0 8	5 5	2 18	15 52	0 49	23 20	0 47	21 48	1 8	23 56	23 55	6 53		n.a.
F 22	22 40	21 11	1 37	19 53	3 57	25 20	1 25	25 7	1 13	22 2	0 8	5 4	2 18	15 52	0 49	23 20	0 47	21 49	1 8	23 56	23 55	6 50		n.a.
S 23	22 48	23 29	0 23	19 43	4 6	25 21	1 26	25 7	1 13	22 4	0 8	5 4	2 18	15 52	0 49	23 20	0 47	21 49	1 8	23 56	23 55	6 48		n.a.
S 24	22 55	24 24	0n50	19 33	4 14	25 22	1 27	25 6	1 13	22 7	0 8	5 4	2 18	15 52	0 49	23 20	0 47	21 49	1 8	23 56	23 55	6 45		n.a.
M25	23 2	23 57	1 58	19 24	4 21	25 21	1 28	25 5	1 13	22 9	0 8	5 3	2 17	15 52	0 49	23 19	0 47	21 50	1 8	23 56	23 55	6 43		n.a.
T 26	23 8	22 17	3 0	19 16	4 26	25 20	1 28	25 3	1 13	22 11	0 8	5 3	2 17	15 53	0 49	23 19	0 47	21 50	1 8	23 56	23 55	6 40		n.a.
W27	23 14	19 35	3 51	19 10	4 30	25 18	1 29	25 2	1 13	22 14	0 8	5 3	2 17	15 53	0 49	23 19	0 47	21 51	1 8	23 56	23 55	6 37		n.a.
T 28	23 20	16 5	4 31	19 5	4 32	25 16	1 30	25 0	1 13	22 16	0 9	5 3	2 17	15 53	0 49	23 19	0 47	21 51	1 9	23 55	23 55	6 35		n.a.
F 29	23 25	11 59	4 59	19 1	4 32	25 12	1 30	24 58	1 12	22 18	0 9	5 2	2 16	15 54	0 49	23 18	0 47	21 51	1 9	23 55	23 55	6 32		n.a.
S 30	23n30	7n27	5n14	18n59	4s30	25n 8	1n31	24n56	1n12	22n20	0n 9	5s 2	2n16	15s54	0s49	23n18	0n47	21n52	1n 9	23n55	23n55	6n29		n.a.

Julian Day Number = 983769.5, Delta T = 13h10m42s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'57, Lahiri = -31°47'56 Julian Calendar 1 June 2020 BCE == Greg. Calendar 15 May 2020 BCE

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

JULY 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 27 58	20♊28'48	5♎19	18°R17	10♋ 2	7♋48	8♊52	17°R48	19°R57	19♋11	0♊53	0°R33	0♋50	25♍39	n.a.	S 1
M 2	17 31 55	21°26'29	17°17	17♊30	11°16	8°27	9° 5	17♎48	19♒56	19°13	0°55	0♋32	0°47	25°46	n.a.	M 2
T 3	17 35 51	22°24'11	29°25	16°47	12°30	9° 5	9°18	17°47	19°55	19°15	0°56	0°31	0°43	25°53	n.a.	T 3
W 4	17 39 48	23°21'55	11♏45	16° 7	13°43	9°44	9°32	17°46	19°54	19°17	0°58	0°30	0°40	26° 0	n.a.	W 4
T 5	17 43 44	24°19'41	24°20	15°33	14°57	10°22	9°45	17°46	19°53	19°20	0°59	0°30	0°37	26° 6	n.a.	T 5
F 6	17 47 41	25°17'28	7♐11	15° 3	16°11	11° 1	9°58	17°45	19°52	19°22	1° 1	0°29	0°34	26°13	n.a.	F 6
S 7	17 51 38	26°15'16	20°21	14°40	17°25	11°39	10°11	17°45	19°51	19°24	1° 2	0°29	0°31	26°20	n.a.	S 7
S 8	17 55 34	27°13'06	3♑47	14°24	18°38	12°18	10°24	17°45	19°50	19°26	1° 4	0°D29	0°28	26°26	n.a.	S 8
M 9	17 59 31	28°10'58	17°29	14°15	19°52	12°56	10°37	17°44	19°49	19°28	1° 5	0°29	0°24	26°33	n.a.	M 9
T 10	18 3 27	29° 8'52	1♒24	14°D13	21° 6	13°35	10°50	17°D44	19°48	19°30	1° 7	0°29	0°21	26°40	n.a.	T 10
W11	18 7 24	0♋ 6'48	15°29	14°20	22°20	14°14	11° 3	17°44	19°46	19°32	1° 8	0°R29	0°18	26°47	n.a.	W11
T 12	18 11 20	1° 4'45	29°41	14°34	23°33	14°52	11°15	17°45	19°45	19°34	1°10	0°29	0°15	26°53	n.a.	T 12
F 13	18 15 17	2° 2'45	13♓56	14°56	24°47	15°31	11°28	17°45	19°44	19°36	1°11	0°29	0°12	27° 0	n.a.	F 13
S 14	18 19 13	3° 0'47	28°11	15°26	26° 1	16°10	11°41	17°45	19°42	19°39	1°13	0°D29	0° 8	27° 7	n.a.	S 14
S 15	18 23 10	3°58'51	12♈24	16° 5	27°15	16°49	11°54	17°46	19°41	19°41	1°14	0°29	0° 5	27°14	n.a.	S 15
M16	18 27 7	4°56'57	26°33	16°50	28°28	17°28	12° 7	17°46	19°39	19°43	1°15	0°29	0° 2	27°20	n.a.	M16
T 17	18 31 3	5°55'05	10♉34	17°44	29°42	18° 7	12°19	17°47	19°38	19°45	1°17	0°29	29♊59	27°27	n.a.	T 17
W18	18 35 0	6°53'15	24°26	18°44	0♌56	18°45	12°32	17°47	19°36	19°47	1°18	0°30	29°56	27°34	n.a.	W18
T 19	18 38 56	7°51'28	8♊ 8	19°51	2°10	19°24	12°45	17°48	19°34	19°49	1°20	0°31	29°53	27°40	n.a.	T 19
F 20	18 42 53	8°49'43	21°36	21° 5	3°23	20° 3	12°57	17°49	19°33	19°52	1°21	0°31	29°49	27°47	n.a.	F 20
S 21	18 46 49	9°47'59	4♋51	22°25	4°37	20°42	13°10	17°50	19°31	19°54	1°22	0°R31	29°46	27°54	n.a.	S 21
S 22	18 50 46	10°46'18	17°51	23°50	5°51	21°21	13°22	17°51	19°29	19°56	1°24	0°31	29°43	28° 1	n.a.	S 22
M23	18 54 42	11°44'39	0♌36	25°20	7° 4	22° 1	13°35	17°52	19°28	19°58	1°25	0°30	29°40	28° 7	n.a.	M23
T 24	18 58 39	12°43'01	13° 6	26°54	8°18	22°40	13°47	17°54	19°26	20° 0	1°26	0°28	29°37	28°14	n.a.	T 24
W25	19 2 36	13°41'26	25°23	28°32	9°32	23°19	14° 0	17°55	19°24	20° 3	1°28	0°26	29°34	28°21	n.a.	W25
T 26	19 6 32	14°39'52	7♍29	0♋14	10°45	23°58	14°12	17°57	19°22	20° 5	1°29	0°24	29°30	28°28	n.a.	T 26
F 27	19 10 29	15°38'20	19°26	1°59	11°59	24°37	14°24	17°58	19°20	20° 7	1°30	0°22	29°27	28°34	n.a.	F 27
S 28	19 14 25	16°36'50	1♎20	3°46	13°12	25°17	14°36	18° 0	19°18	20° 9	1°31	0°21	29°24	28°41	n.a.	S 28
S 29	19 18 22	17°35'22	13°13	5°35	14°26	25°56	14°49	18° 2	19°16	20°12	1°32	0°D20	29°21	28°48	n.a.	S 29
M30	19 22 18	18°33'55	25°10	7°25	15°40	26°35	15° 1	18° 3	19°14	20°14	1°34	0°20	29°18	28°54	n.a.	M30
T 31	19 26 15	19♋32'31	7♏16	9♋17	16♌53	27♋15	15♊13	18♎ 5	19♒12	20♋16	1♊35	0♋21	29♊14	29♍ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n35	2n39	5n15	18n58	4s26	25n 3	1n31	24n54	1n12	22n22	0n 9	5s 2	2n16	15s54	0s49	23n18	0n47	21n52	1n 9	23n55	23n55	6n27			n.a.
M 2	23 39	2s16	5 3	19 0	4 21	24 57	1 31	24 51	1 12	22 25	0 9	5 2	2 16	15 54	0 49	23 17	0 47	21 53	1 9	23 56	23 55	6 24			n.a.
T 3	23 42	7 11	4 37	19 3	4 14	24 51	1 32	24 48	1 12	22 27	0 9	5 2	2 15	15 55	0 49	23 17	0 47	21 53	1 9	23 56	23 55	6 21			n.a.
W 4	23 45	11 54	3 58	19 7	4 5	24 43	1 32	24 45	1 12	22 29	0 9	5 2	2 15	15 55	0 49	23 17	0 47	21 53	1 9	23 56	23 55	6 19			n.a.
T 5	23 48	16 13	3 7	19 14	3 55	24 35	1 32	24 42	1 12	22 31	0 9	5 2	2 15	15 56	0 49	23 17	0 47	21 54	1 9	23 56	23 55	6 16			n.a.
F 6	23 50	19 53	2 5	19 23	3 43	24 27	1 32	24 39	1 12	22 33	0 9	5 2	2 15	15 56	0 49	23 16	0 47	21 54	1 9	23 56	23 55	6 13			n.a.
S 7	23 52	22 38	0 56	19 33	3 30	24 17	1 32	24 36	1 12	22 35	0 10	5 2	2 14	15 56	0 49	23 16	0 47	21 55	1 9	23 56	23 56	6 11			n.a.
S 8	23 54	24 11	0s18	19 45	3 16	24 7	1 32	24 32	1 12	22 37	0 10	5 2	2 14	15 57	0 50	23 16	0 47	21 55	1 9	23 56	23 56	6 8			n.a.
M 9	23 55	24 17	1 33	19 59	3 1	23 56	1 32	24 28	1 12	22 39	0 10	5 3	2 14	15 57	0 50	23 15	0 47	21 55	1 9	23 56	23 56	6 5			n.a.
T 10	23 55	22 54	2 43	20 14	2 45	23 44	1 32	24 24	1 11	22 41	0 10	5 3	2 14	15 58	0 50	23 15	0 47	21 56	1 9	23 56	23 56	6 3			n.a.
W11	23 56	20 5	3 44	20 31	2 29	23 32	1 31	24 20	1 11	22 43	0 10	5 3	2 13	15 58	0 50	23 15	0 47	21 56	1 10	23 56	23 56	6 0			n.a.
T 12	23 55	16 3	4 32	20 49	2 12	23 19	1 31	24 15	1 11	22 45	0 10	5 3	2 13	15 59	0 50	23 14	0 47	21 57	1 10	23 56	23 56	5 57			n.a.
F 13	23 55	11 6	5 4	21 8	1 56	23 5	1 30	24 11	1 11	22 47	0 10	5 4	2 13	15 59	0 50	23 14	0 47	21 57	1 10	23 56	23 56	5 55			n.a.
S 14	23 53	5 33	5 17	21 28	1 39	22 51	1 30	24 6	1 11	22 49	0 10	5 4	2 13	15 59	0 50	23 14	0 47	21 57	1 10	23 56	23 56	5 52			n.a.
S 15	23 52	0n15	5 10	21 49	1 22	22 36	1 29	24 1	1 11	22 51	0 11	5 4	2 12	16 0	0 50	23 13	0 47	21 58	1 10	23 56	23 56	5 49			n.a.
M16	23 50	6 2	4 45	22 10	1 6	22 20	1 29	23 56	1 11	22 53	0 11	5 5	2 12	16 1	0 50	23 13	0 47	21 58	1 10	23 56	23 56	5 47			n.a.
T 17	23 47	11 27	4 3	22 31	0 50	22 4	1 28	23 50	1 11	22 55	0 11	5 5	2 12	16 1	0 50	23 13	0 47	21 59	1 10	23 56	23 56	5 44			n.a.
W18	23 45	16 15	3 7	22 52	0 34	21 47	1 27	23 45	1 11	22 56	0 11	5 6	2 12	16 2	0 50	23 12	0 47	21 59	1 10	23 56	23 56	5 41			n.a.
T 19	23 41	20 7	2 1	23 13	0 19	21 29	1 26	23 39	1 10	22 58	0 11	5 6	2 11	16 2	0 50	23 12	0 47	21 59	1 10	23 56	23 56	5 39			n.a.
F 20	23 37	22 50	0 49	23 33	0 5	21 11	1 25	23 33	1 10	23 0	0 11	5 7	2 11	16 3	0 50	23 12	0 47	22 0	1 10	23 56	23 56	5 36			n.a.
S 21	23 33	24 14	0n24	23 51	0n 9	20 52	1 24	23 27	1 10	23 2	0 11	5 8	2 11	16 3	0 50	23 12	0 47	22 0	1 10	23 56	23 56	5 33			n.a.
S 22	23 29	24 16	1 34	24 9	0 22	20 32	1 23	23 21	1 10	23 3	0 11	5 8	2 11	16 4	0 50	23 11	0 47	22 0	1 10	23 56	23 56	5 30			n.a.
M23	23 24	23 1	2 39	24 25	0 34	20 12	1 22	23 14	1 10	23 5	0 11	5 9	2 10	16 4	0 50	23 11	0 47	22 1	1 10	23 56	23 56	5 28			n.a.
T 24	23 18	20 38	3 34	24 39	0 45	19 52	1 21	23 7	1 10	23 7	0 12	5 10	2 10	16 5	0 50	23 11	0 47	22 1	1 11	23 56	23 56	5 25			n.a.
W25	23 12	17 22	4 19	24 51	0 56	19 31	1 20	23 0	1 10	23 8	0 12	5 11	2 10	16 6	0 50	23 10	0 47	22 1	1 11	23 56	23 56	5 22			n.a.
T 26	23 6	13 25	4 51	25 0	1 5	19 9	1 18	22 53	1 9	23 10	0 12	5 11	2 9	16 6	0 50	23 10	0 47	22 2	1 11	23 56	23 56	5 20			n.a.
F 27	22 59	8 59	5 10	25 8	1 13	18 47	1 17	22 46	1 9	23 12	0 12	5 12	2 9	16 7	0 50	23 10	0 47	22 2	1 11	23 56	23 56	5 17			n.a.
S 28	22 52	4 16	5 15	25 13	1 21	18 24	1 16	22 39	1 9	23 13	0 12	5 13	2 9	16 7	0 50	23 9	0 47	22 2	1 11	23 56	23 55	5 14			n.a.
S 29	22 45	0s37	5 8	25 15	1 27	18 1	1 14	22 31	1 9	23 15	0 12	5 14	2 9	16 8	0 50	23 9	0 47	22 3	1 11	23 56	23 55	5 11			n.a.
M30	22 37	5 30	4 46	25 15	1 33	17 37	1 12	22 23	1 9	23 16	0 12	5 15	2 8	16 9	0 50	23 9	0 47	22 3	1 11	23 56	23 55	5 9			n.a.
T 31	22n28	10s15	4n12	25n13	1n38	17n13	1n11	22n15	1n 9	23n18	0n12	5s16	2n 8	16s 9	0s50	23n 8	0n47	22n 3	1n11	23n56	23n55	5n 6			n.a.

Julian Day Number = 983799.5, Delta T = 13h10m40s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'53, Lahiri = -31°47'52 Julian Calendar 1 July 2020 BCE == Greg. Calendar 14 June 2020 BCE

The year -2019 astronomical counting style corresponds to year 2020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

AUGUST 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 30 11	20♋31'08	19♏36	11♋ 9	18♌ 7	27♋54	15♊25	18♎ 7	19°R10	20♋18	1♊36	0♋23	29♊11	29♍ 8	n.a.	W 1
T 2	19 34 8	21°29'47	2♐14	13° 2	19°20	28°33	15°37	18°10	19♒ 8	20°20	1°37	0°24	29° 8	29°15	n.a.	T 2
F 3	19 38 4	22°28'28	15°13	14°55	20°34	29°13	15°48	18°12	19° 6	20°23	1°38	0°25	29° 5	29°21	n.a.	F 3
S 4	19 42 1	23°27'11	28°34	16°48	21°47	29°52	16° 0	18°14	19° 4	20°25	1°39	0°R26	29° 2	29°28	n.a.	S 4
S 5	19 45 58	24°25'56	12♑18	18°41	23° 1	0♌32	16°12	18°17	19° 2	20°27	1°40	0°26	28°59	29°35	n.a.	S 5
M 6	19 49 54	25°24'44	26°24	20°33	24°14	1°11	16°24	18°19	19° 0	20°29	1°42	0°24	28°55	29°42	n.a.	M 6
T 7	19 53 51	26°23'33	10♒46	22°25	25°28	1°51	16°35	18°22	18°58	20°32	1°43	0°21	28°52	29°48	n.a.	T 7
W 8	19 57 47	27°22'25	25°20	24°17	26°41	2°31	16°47	18°24	18°56	20°34	1°44	0°18	28°49	29°55	n.a.	W 8
T 9	20 1 44	28°21'19	9♓59	26° 8	27°55	3°10	16°58	18°27	18°53	20°36	1°45	0°14	28°46	0♎ 2	n.a.	T 9
F 10	20 5 40	29°20'15	24°36	27°58	29° 8	3°50	17°10	18°30	18°51	20°38	1°46	0°10	28°43	0° 8	n.a.	F 10
S 11	20 9 37	0♌19'14	9♈ 5	29°47	0♍21	4°30	17°21	18°33	18°49	20°40	1°47	0° 7	28°39	0°15	n.a.	S 11
S 12	20 13 33	1°18'15	23°22	1♌35	1°35	5°10	17°32	18°36	18°46	20°43	1°48	0° 6	28°36	0°22	n.a.	S 12
M13	20 17 30	2°17'19	7♉25	3°23	2°48	5°50	17°44	18°39	18°44	20°45	1°48	0°D 6	28°33	0°29	n.a.	M13
T 14	20 21 26	3°16'25	21°13	5°10	4° 1	6°29	17°55	18°42	18°42	20°47	1°49	0° 6	28°30	0°35	n.a.	T 14
W15	20 25 23	4°15'34	4♊45	6°56	5°15	7° 9	18° 6	18°46	18°40	20°49	1°50	0° 8	28°27	0°42	n.a.	W15
T 16	20 29 20	5°14'45	18° 3	8°41	6°28	7°49	18°17	18°49	18°37	20°51	1°51	0° 9	28°24	0°49	n.a.	T 16
F 17	20 33 16	6°13'59	1♋ 7	10°25	7°41	8°29	18°27	18°52	18°35	20°54	1°52	0°R10	28°20	0°56	n.a.	F 17
S 18	20 37 13	7°13'15	14° 0	12° 8	8°54	9° 9	18°38	18°56	18°32	20°56	1°53	0° 9	28°17	1° 2	n.a.	S 18
S 19	20 41 9	8°12'34	26°40	13°51	10° 8	9°49	18°49	18°59	18°30	20°58	1°54	0° 6	28°14	1° 9	n.a.	S 19
M20	20 45 6	9°11'55	9♌10	15°32	11°21	10°30	19° 0	19° 3	18°28	21° 0	1°54	0° 1	28°11	1°16	n.a.	M20
T 21	20 49 2	10°11'18	21°29	17°13	12°34	11°10	19°10	19° 7	18°25	21° 2	1°55	29♊55	28° 8	1°22	n.a.	T 21
W22	20 52 59	11°10'43	3♍39	18°53	13°47	11°50	19°21	19°11	18°23	21° 4	1°56	29°47	28° 5	1°29	n.a.	W22
T 23	20 56 55	12°10'10	15°40	20°32	15° 0	12°30	19°31	19°15	18°20	21° 7	1°57	29°39	28° 1	1°36	n.a.	T 23
F 24	21 0 52	13° 9'39	27°36	22°10	16°13	13°10	19°41	19°19	18°18	21° 9	1°57	29°31	27°58	1°43	n.a.	F 24
S 25	21 4 48	14° 9'11	9♎27	23°48	17°26	13°51	19°51	19°23	18°16	21°11	1°58	29°25	27°55	1°49	n.a.	S 25
S 26	21 8 45	15° 8'44	21°18	25°25	18°39	14°31	20° 1	19°27	18°13	21°13	1°59	29°20	27°52	1°56	n.a.	S 26
M27	21 12 42	16° 8'19	3♏13	27° 1	19°53	15°12	20°11	19°31	18°11	21°15	1°59	29°17	27°49	2° 3	n.a.	M27
T 28	21 16 38	17° 7'56	15°15	28°36	21° 5	15°52	20°21	19°36	18° 8	21°17	2° 0	29°D16	27°45	2° 9	n.a.	T 28
W29	21 20 35	18° 7'35	27°31	0♍11	22°18	16°32	20°31	19°40	18° 6	21°19	2° 0	29°16	27°42	2°16	n.a.	W29
T 30	21 24 31	19° 7'17	10♐ 5	1°45	23°31	17°13	20°40	19°44	18° 3	21°21	2° 1	29°17	27°39	2°23	n.a.	T 30
F 31	21 28 28	20♌ 7'00	23♐ 2	3♍18	24♍44	17♌53	20♊50	19♎49	18♒ 1	21♋23	2♊ 1	29°R18	27♊36	2♎30	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	22n19	14s41	3n26	25n 8	1n41	16n48	1n 9	22n 7	1n 8	23n19	0n13	5s17	2n 8	16s10	0s50	23n 8	0n47	22n 4	1n11	23n56	23n55	5n 3			n.a.
T 2	22 10	18 36	2 29	25 0	1 45	16 23	1 7	21 59	1 8	23 21	0 13	5 18	2 8	16 11	0 50	23 8	0 47	22 4	1 11	23 56	23 55	5 1			n.a.
F 3	22 1	21 43	1 23	24 51	1 47	15 57	1 5	21 50	1 8	23 22	0 13	5 19	2 7	16 11	0 50	23 7	0 47	22 4	1 11	23 56	23 55	4 58			n.a.
S 4	21 51	23 45	0 10	24 38	1 49	15 31	1 3	21 42	1 8	23 23	0 13	5 20	2 7	16 12	0 50	23 7	0 47	22 5	1 12	23 56	23 55	4 55			n.a.
S 5	21 40	24 25	1s 5	24 24	1 49	15 5	1 1	21 33	1 8	23 25	0 13	5 21	2 7	16 13	0 50	23 7	0 47	22 5	1 12	23 56	23 55	4 52			n.a.
M 6	21 29	23 33	2 18	24 7	1 50	14 38	0 59	21 24	1 7	23 26	0 13	5 23	2 7	16 14	0 50	23 6	0 47	22 5	1 12	23 56	23 55	4 50			n.a.
T 7	21 18	21 8	3 23	23 49	1 49	14 11	0 57	21 15	1 7	23 27	0 13	5 24	2 6	16 14	0 50	23 6	0 47	22 6	1 12	23 56	23 55	4 47			n.a.
W 8	21 7	17 21	4 17	23 29	1 48	13 44	0 55	21 5	1 7	23 29	0 14	5 25	2 6	16 15	0 50	23 6	0 47	22 6	1 12	23 56	23 55	4 44			n.a.
T 9	20 55	12 29	4 53	23 6	1 47	13 16	0 53	20 56	1 7	23 30	0 14	5 26	2 6	16 16	0 50	23 5	0 47	22 6	1 12	23 56	23 55	4 41			n.a.
F 10	20 42	6 56	5 11	22 42	1 45	12 48	0 50	20 46	1 7	23 31	0 14	5 28	2 6	16 16	0 50	23 5	0 47	22 7	1 12	23 56	23 55	4 39			n.a.
S 11	20 30	1 3	5 9	22 17	1 43	12 19	0 48	20 36	1 6	23 33	0 14	5 29	2 5	16 17	0 50	23 5	0 47	22 7	1 12	23 56	23 55	4 36			n.a.
S 12	20 16	4n49	4 47	21 50	1 40	11 50	0 45	20 26	1 6	23 34	0 14	5 30	2 5	16 18	0 50	23 4	0 47	22 7	1 12	23 56	23 55	4 33			n.a.
M13	20 3	10 21	4 9	21 21	1 37	11 21	0 43	20 16	1 6	23 35	0 14	5 32	2 5	16 19	0 50	23 4	0 47	22 7	1 12	23 56	23 55	4 30			n.a.
T 14	19 49	15 16	3 17	20 52	1 33	10 52	0 40	20 5	1 6	23 36	0 14	5 33	2 5	16 19	0 50	23 4	0 47	22 8	1 12	23 56	23 55	4 28			n.a.
W15	19 35	19 19	2 14	20 21	1 29	10 22	0 38	19 55	1 6	23 37	0 15	5 35	2 4	16 20	0 50	23 3	0 47	22 8	1 13	23 56	23 55	4 25			n.a.
T 16	19 21	22 17	1 6	19 49	1 25	9 52	0 35	19 44	1 5	23 38	0 15	5 36	2 4	16 21	0 50	23 3	0 47	22 8	1 13	23 56	23 55	4 22			n.a.
F 17	19 6	24 1	0n 5	19 16	1 20	9 22	0 33	19 33	1 5	23 40	0 15	5 38	2 4	16 22	0 50	23 3	0 47	22 9	1 13	23 56	23 55	4 19			n.a.
S 18	18 50	24 25	1 15	18 42	1 15	8 51	0 30	19 22	1 5	23 41	0 15	5 39	2 4	16 22	0 50	23 2	0 47	22 9	1 13	23 56	23 55	4 17			n.a.
S 19	18 35	23 31	2 19	18 8	1 10	8 21	0 27	19 11	1 5	23 42	0 15	5 41	2 4	16 23	0 50	23 2	0 47	22 9	1 13	23 56	23 55	4 14			n.a.
M20	18 19	21 28	3 16	17 32	1 5	7 50	0 24	19 0	1 5	23 43	0 15	5 43	2 3	16 24	0 51	23 2	0 47	22 9	1 13	23 56	23 55	4 11			n.a.
T 21	18 3	18 26	4 2	16 56	0 59	7 19	0 21	18 48	1 4	23 44	0 15	5 44	2 3	16 25	0 51	23 1	0 47	22 10	1 13	23 56	23 55	4 8			n.a.
W22	17 46	14 39	4 37	16 19	0 54	6 47	0 19	18 37	1 4	23 45	0 16	5 46	2 3	16 26	0 51	23 1	0 47	22 10	1 13	23 56	23 55	4 6			n.a.
T 23	17 30	10 20	4 59	15 41	0 48	6 16	0 16	18 25	1 4	23 46	0 16	5 48	2 3	16 26	0 51	23 1	0 47	22 10	1 13	23 56	23 55	4 3			n.a.
F 24	17 12	5 40	5 8	15 3	0 42	5 44	0 13	18 13	1 4	23 47	0 16	5 50	2 2	16 27	0 51	23 0	0 47	22 10	1 13	23 56	23 55	4 0			n.a.
S 25	16 55	0 49	5 3	14 25	0 35	5 12	0 10	18 1	1 3	23 48	0 16	5 51	2 2	16 28	0 51	23 0	0 48	22 10	1 14	23 56	23 55	3 57			n.a.
S 26	16 37	4s 4	4 46	13 46	0 29	4 41	0 7	17 49	1 3	23 49	0 16	5 53	2 2	16 29	0 51	23 0	0 48	22 11	1 14	23 55	23 55	3 54			n.a.
M27	16 19	8 50	4 16	13 7	0 23	4 9	0 4	17 36	1 3	23 50	0 16	5 55	2 2	16 29	0 51	23 0	0 48	22 11	1 14	23 55	23 54	3 52			n.a.
T 28	16 1	13 20	3 35	12 27	0 16	3 37	0 1	17 24	1 3	23 50	0 16	5 57	2 2	16 30	0 51	22 59	0 48	22 11	1 14	23 55	23 54	3 49			n.a.
W29	15 42	17 22	2 43	11 47	0 9	3 4	0s 3	17 11	1 2	23 51	0 17	5 59	2 1	16 31	0 51	22 59	0 48	22 11	1 14	23 55	23 54	3 46			n.a.
T 30	15 24	20 44	1 42	11 7	0 3	2 32	0 6	16 58	1 2	23 52	0 17	6 1	2 1	16 32	0 51	22 59	0 48	22 12	1 14	23 55	23 54	3 43			n.a.
F 31	15n 4	23s11	0n34	10n26	0s 4	2n 0	0s 9	16n45	1n 2	23n53	0n17	6s 3	2n 1	16s32	0s51	22n58	0n48	22n12	1n14	23n55	23n54	3n41			n.a.

Julian Day Number = 983830.5, Delta T = 13h10m38s
Ecliptic obliquity = 23°55'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'48, Lahiri = -31°47'48 Julian Calendar 1 Aug. 2020 BCE == Greg. Calendar 15 July 2020 BCE

The year -2019 astronomical counting style corresponds to year 2020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

SEPTEMBER 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 32 24	21♌ 6'45	6♑25	4♍50	25♍57	18♌34	20♊59	19♎54	17°R59	21♋25	2♊ 2	29°R18	27♊33	2♎36	n.a.	S 1
S 2	21 36 21	22° 6'32	20°15	6°22	27°10	19°15	21° 9	19°58	17♒56	21°27	2° 2	29♊16	27°30	2°43	n.a.	S 2
M 3	21 40 17	23° 6'21	4♒33	7°54	28°23	19°55	21°18	20° 3	17°54	21°29	2° 3	29°12	27°26	2°50	n.a.	M 3
T 4	21 44 14	24° 6'11	19°15	9°24	29°36	20°36	21°27	20° 8	17°51	21°31	2° 3	29° 6	27°23	2°57	n.a.	T 4
W 5	21 48 10	25° 6'04	4♓13	10°54	0♎48	21°17	21°36	20°13	17°49	21°33	2° 4	28°57	27°20	3° 3	n.a.	W 5
T 6	21 52 7	26° 5'59	19°18	12°23	2° 1	21°58	21°45	20°18	17°46	21°35	2° 4	28°48	27°17	3°10	n.a.	T 6
F 7	21 56 4	27° 5'57	4♈21	13°52	3°14	22°38	21°54	20°23	17°44	21°37	2° 4	28°40	27°14	3°17	n.a.	F 7
S 8	22 0 0	28° 5'56	19°12	15°20	4°26	23°19	22° 2	20°28	17°42	21°39	2° 5	28°33	27°11	3°23	n.a.	S 8
S 9	22 3 57	29° 5'58	3♉44	16°47	5°39	24° 0	22°11	20°33	17°39	21°40	2° 5	28°28	27° 7	3°30	n.a.	S 9
M10	22 7 53	0♍ 6'03	17°54	18°13	6°51	24°41	22°19	20°38	17°37	21°42	2° 5	28°25	27° 4	3°37	n.a.	M10
T 11	22 11 50	1° 6'09	1♊40	19°39	8° 4	25°22	22°27	20°43	17°35	21°44	2° 5	28°D24	27° 1	3°44	n.a.	T 11
W12	22 15 46	2° 6'18	15° 4	21° 4	9°16	26° 3	22°35	20°49	17°32	21°46	2° 6	28°25	26°58	3°50	n.a.	W12
T 13	22 19 43	3° 6'30	28° 9	22°29	10°29	26°44	22°43	20°54	17°30	21°48	2° 6	28°R25	26°55	3°57	n.a.	T 13
F 14	22 23 39	4° 6'44	10♋57	23°52	11°41	27°25	22°51	21° 0	17°28	21°50	2° 6	28°24	26°51	4° 4	n.a.	F 14
S 15	22 27 36	5° 7'00	23°31	25°15	12°53	28° 7	22°59	21° 5	17°25	21°51	2° 6	28°22	26°48	4°11	n.a.	S 15
S 16	22 31 32	6° 7'18	5♌55	26°36	14° 6	28°48	23° 7	21°11	17°23	21°53	2° 6	28°16	26°45	4°17	n.a.	S 16
M17	22 35 29	7° 7'38	18° 9	27°57	15°18	29°29	23°14	21°16	17°21	21°55	2° 6	28° 7	26°42	4°24	n.a.	M17
T 18	22 39 26	8° 8'00	0♍17	29°16	16°30	0♍10	23°21	21°22	17°18	21°56	2° 6	27°56	26°39	4°31	n.a.	T 18
W19	22 43 22	9° 8'24	12°18	0♎35	17°42	0°52	23°28	21°28	17°16	21°58	2° 6	27°43	26°36	4°37	n.a.	W19
T 20	22 47 19	10° 8'50	24°15	1°52	18°55	1°33	23°35	21°33	17°14	22° 0	2°R 6	27°29	26°32	4°44	n.a.	T 20
F 21	22 51 15	11° 9'17	6♎ 8	3° 7	20° 7	2°15	23°42	21°39	17°12	22° 1	2° 6	27°15	26°29	4°51	n.a.	F 21
S 22	22 55 12	12° 9'46	17°58	4°21	21°19	2°56	23°49	21°45	17°10	22° 3	2° 6	27° 3	26°26	4°58	n.a.	S 22
S 23	22 59 8	13°10'17	29°49	5°33	22°31	3°37	23°56	21°51	17° 8	22° 4	2° 6	26°53	26°23	5° 4	n.a.	S 23
M24	23 3 5	14°10'50	11♏43	6°43	23°43	4°19	24° 2	21°57	17° 5	22° 6	2° 6	26°46	26°20	5°11	n.a.	M24
T 25	23 7 1	15°11'24	23°43	7°51	24°55	5° 1	24° 8	22° 3	17° 3	22° 7	2° 6	26°41	26°16	5°18	n.a.	T 25
W26	23 10 58	16°12'00	5♐55	8°57	26° 6	5°42	24°14	22° 9	17° 1	22° 9	2° 6	26°40	26°13	5°24	n.a.	W26
T 27	23 14 54	17°12'37	18°23	10° 0	27°18	6°24	24°20	22°15	16°59	22°10	2° 6	26°D39	26°10	5°31	n.a.	T 27
F 28	23 18 51	18°13'16	1♑13	10°59	28°30	7° 6	24°26	22°21	16°57	22°12	2° 6	26°R39	26° 7	5°38	n.a.	F 28
S 29	23 22 48	19°13'56	14°28	11°55	29°42	7°47	24°32	22°28	16°55	22°13	2° 5	26°38	26° 4	5°45	n.a.	S 29
S 30	23 26 44	20♍14'38	28♑13	12♎48	0♏53	8♍29	24♊37	22♎34	16♒53	22♋15	2♊ 5	26♊35	26♊ 1	5♎51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n45	24s24	0s38	9n45	0s11	1n27	0s12	16n32	1n 1	23n54	0n17	6s 5	2n 1	16s33	0s51	22n58	0n48	22n12	1n14	23n55	23n54	3n38		n.a.
S 2	14 25	24 11	1 50	9 5	0 18	0 55	0 15	16 19	1 1	23 55	0 17	6 6	2 0	16 34	0 51	22 58	0 48	22 12	1 14	23 55	23 54	3 35		n.a.
M 3	14 5	22 22	2 57	8 24	0 25	0 22	0 19	16 6	1 1	23 55	0 17	6 9	2 0	16 35	0 51	22 57	0 48	22 12	1 14	23 55	23 54	3 32		n.a.
T 4	13 45	19 3	3 55	7 43	0 32	0s10	0 22	15 52	1 1	23 56	0 18	6 11	2 0	16 35	0 51	22 57	0 48	22 13	1 14	23 55	23 54	3 29		n.a.
W 5	13 25	14 26	4 37	7 2	0 39	0 43	0 25	15 39	1 0	23 57	0 18	6 13	2 0	16 36	0 51	22 57	0 48	22 13	1 15	23 55	23 54	3 27		n.a.
T 6	13 4	8 54	5 0	6 21	0 46	1 15	0 28	15 25	1 0	23 58	0 18	6 15	2 0	16 37	0 51	22 57	0 48	22 13	1 15	23 55	23 54	3 24		n.a.
F 7	12 44	2 51	5 3	5 40	0 53	1 47	0 32	15 11	1 0	23 58	0 18	6 17	1 59	16 38	0 51	22 56	0 48	22 13	1 15	23 55	23 54	3 21		n.a.
S 8	12 23	3n17	4 45	4 59	0 59	2 20	0 35	14 57	0 59	23 59	0 18	6 19	1 59	16 38	0 51	22 56	0 48	22 13	1 15	23 55	23 54	3 18		n.a.
S 9	12 1	9 7	4 9	4 18	1 6	2 52	0 38	14 43	0 59	24 0	0 18	6 21	1 59	16 39	0 50	22 56	0 48	22 13	1 15	23 55	23 54	3 15		n.a.
M10	11 40	14 20	3 18	3 38	1 13	3 25	0 42	14 29	0 59	24 0	0 19	6 23	1 59	16 40	0 50	22 55	0 48	22 14	1 15	23 55	23 54	3 13		n.a.
T 11	11 18	18 40	2 18	2 58	1 20	3 57	0 45	14 14	0 58	24 1	0 19	6 25	1 59	16 41	0 50	22 55	0 48	22 14	1 15	23 55	23 54	3 10		n.a.
W12	10 56	21 54	1 11	2 17	1 26	4 29	0 48	14 0	0 58	24 2	0 19	6 28	1 59	16 41	0 50	22 55	0 48	22 14	1 15	23 55	23 53	3 7		n.a.
T 13	10 34	23 53	0 1	1 38	1 33	5 1	0 52	13 45	0 58	24 2	0 19	6 30	1 58	16 42	0 50	22 55	0 48	22 14	1 15	23 55	23 53	3 4		n.a.
F 14	10 12	24 34	1n 6	0 58	1 39	5 33	0 55	13 31	0 58	24 3	0 19	6 32	1 58	16 43	0 50	22 54	0 48	22 14	1 15	23 55	23 53	3 1		n.a.
S 15	9 50	23 57	2 9	0 19	1 45	6 5	0 58	13 16	0 57	24 4	0 19	6 34	1 58	16 44	0 50	22 54	0 48	22 14	1 16	23 55	23 53	2 58		n.a.
S 16	9 27	22 10	3 5	0s19	1 51	6 37	1 1	13 1	0 57	24 4	0 20	6 37	1 58	16 44	0 50	22 54	0 48	22 14	1 16	23 55	23 53	2 56		n.a.
M17	9 4	19 21	3 51	0 57	1 57	7 8	1 5	12 46	0 57	24 5	0 20	6 39	1 58	16 45	0 50	22 54	0 48	22 14	1 16	23 55	23 53	2 53		n.a.
T 18	8 41	15 45	4 27	1 35	2 3	7 40	1 8	12 31	0 56	24 5	0 20	6 41	1 58	16 46	0 50	22 53	0 48	22 15	1 16	23 55	23 53	2 50		n.a.
W19	8 18	11 32	4 50	2 12	2 9	8 11	1 11	12 15	0 56	24 6	0 20	6 43	1 57	16 46	0 50	22 53	0 48	22 15	1 16	23 54	23 53	2 47		n.a.
T 20	7 55	6 54	5 0	2 48	2 14	8 42	1 15	12 0	0 56	24 6	0 20	6 46	1 57	16 47	0 50	22 53	0 48	22 15	1 16	23 54	23 53	2 44		n.a.
F 21	7 32	2 3	4 57	3 23	2 19	9 13	1 18	11 45	0 55	24 7	0 20	6 48	1 57	16 48	0 50	22 53	0 48	22 15	1 16	23 54	23 53	2 42		n.a.
S 22	7 8	2s52	4 41	3 57	2 23	9 43	1 21	11 29	0 55	24 7	0 21	6 51	1 57	16 48	0 50	22 52	0 48	22 15	1 16	23 54	23 53	2 39		n.a.
S 23	6 45	7 42	4 13	4 30	2 28	10 14	1 24	11 13	0 54	24 8	0 21	6 53	1 57	16 49	0 50	22 52	0 48	22 15	1 16	23 53	23 53	2 36		n.a.
M24	6 21	12 16	3 34	5 2	2 32	10 44	1 27	10 58	0 54	24 8	0 21	6 55	1 57	16 50	0 50	22 52	0 48	22 15	1 16	23 53	23 52	2 33		n.a.
T 25	5 57	16 26	2 45	5 33	2 35	11 14	1 30	10 42	0 54	24 9	0 21	6 58	1 56	16 50	0 50	22 52	0 48	22 15	1 17	23 53	23 52	2 30		n.a.
W26	5 33	19 58	1 47	6 2	2 38	11 44	1 33	10 26	0 53	24 9	0 21	7 0	1 56	16 51	0 50	22 52	0 48	22 15	1 17	23 53	23 52	2 27		n.a.
T 27	5 9	22 41	0 44	6 30	2 41	12 13	1 37	10 10	0 53	24 10	0 22	7 3	1 56	16 51	0 50	22 51	0 48	22 15	1 17	23 53	23 52	2 25		n.a.
F 28	4 45	24 19	0s24	6 55	2 43	12 42	1 40	9 54	0 53	24 10	0 22	7 5	1 56	16 52	0 50	22 51	0 49	22 15	1 17	23 53	23 52	2 22		n.a.
S 29	4 21	24 39	1 33	7 19	2 44	13 11	1 42	9 37	0 52	24 11	0 22	7 8	1 56	16 53	0 50	22 51	0 49	22 15	1 17	23 53	23 52	2 19		n.a.
S 30	3n56	23s31	2s38	7s40	2s45	13s39	1s45	9n21	0n52	24n11	0n22	7s10	1n56	16s53	0s50	22n51	0n49	22n15	1n17	23n53	23n52	2n16		n.a.

Julian Day Number = 983861.5, Delta T = 13h10m36s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'44, Lahiri = -31°47'44 Julian Calendar 1 Sept. 2020 BCE == Greg. Calendar 15 Aug. 2020 BCE

The year -2019 astronomical counting style corresponds to year 2020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

OCTOBER 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 30 41	21♍15'20	12♒29	13♎35	2♏ 5	9♍11	24♊43	22♎40	16°R52	22♋16	2°R 5	26°R30	25♊57	5♎58	n.a.	M 1
T 2	23 34 37	22°16'04	27°12	14°18	3°16	9°53	24°48	22°46	16♒50	22°17	2♊ 4	26♊22	25°54	6° 5	n.a.	T 2
W 3	23 38 34	23°16'50	12♓19	14°55	4°28	10°35	24°53	22°53	16°48	22°19	2° 4	26°11	25°51	6°12	n.a.	W 3
T 4	23 42 30	24°17'37	27°38	15°25	5°39	11°17	24°58	22°59	16°46	22°20	2° 4	25°59	25°48	6°18	n.a.	T 4
F 5	23 46 27	25°18'25	12♈59	15°49	6°50	11°59	25° 2	23° 6	16°44	22°21	2° 3	25°48	25°45	6°25	n.a.	F 5
S 6	23 50 23	26°19'15	28° 9	16° 5	8° 1	12°41	25° 7	23°12	16°43	22°22	2° 3	25°38	25°42	6°32	n.a.	S 6
S 7	23 54 20	27°20'06	13♉ 0	16°R12	9°12	13°23	25°11	23°19	16°41	22°24	2° 3	25°31	25°38	6°38	n.a.	S 7
M 8	23 58 17	28°21'00	27°24	16°10	10°23	14° 5	25°15	23°25	16°39	22°25	2° 2	25°26	25°35	6°45	n.a.	M 8
T 9	0 2 13	29°21'55	11♊20	15°58	11°34	14°47	25°19	23°32	16°38	22°26	2° 2	25°24	25°32	6°52	n.a.	T 9
W10	0 6 10	0♎22'51	24°49	15°36	12°45	15°29	25°23	23°38	16°36	22°27	2° 1	25°24	25°29	6°59	n.a.	W10
T 11	0 10 6	1°23'50	7♋52	15° 3	13°56	16°12	25°27	23°45	16°34	22°28	2° 1	25°24	25°26	7° 5	n.a.	T 11
F 12	0 14 3	2°24'49	20°35	14°19	15° 7	16°54	25°30	23°52	16°33	22°29	2° 0	25°23	25°22	7°12	n.a.	F 12
S 13	0 17 59	3°25'51	3♌ 1	13°24	16°17	17°36	25°33	23°58	16°31	22°30	2° 0	25°20	25°19	7°19	n.a.	S 13
S 14	0 21 56	4°26'53	15°15	12°21	17°28	18°19	25°36	24° 5	16°30	22°31	1°59	25°14	25°16	7°25	n.a.	S 14
M15	0 25 52	5°27'57	27°19	11° 9	18°38	19° 1	25°39	24°12	16°29	22°32	1°58	25° 5	25°13	7°32	n.a.	M15
T 16	0 29 49	6°29'03	9♍18	9°51	19°48	19°44	25°42	24°18	16°27	22°33	1°58	24°53	25°10	7°39	n.a.	T 16
W17	0 33 46	7°30'09	21°13	8°29	20°59	20°26	25°44	24°25	16°26	22°34	1°57	24°39	25° 7	7°46	n.a.	W17
T 18	0 37 42	8°31'17	3♎ 5	7° 7	22° 9	21° 9	25°47	24°32	16°25	22°35	1°56	24°24	25° 3	7°52	n.a.	T 18
F 19	0 41 39	9°32'25	14°57	5°46	23°19	21°51	25°49	24°39	16°24	22°35	1°56	24°10	25° 0	7°59	n.a.	F 19
S 20	0 45 35	10°33'35	26°49	4°30	24°29	22°34	25°51	24°46	16°22	22°36	1°55	23°57	24°57	8° 6	n.a.	S 20
S 21	0 49 32	11°34'46	8♏43	3°20	25°39	23°17	25°52	24°53	16°21	22°37	1°54	23°46	24°54	8°13	n.a.	S 21
M22	0 53 28	12°35'57	20°41	2°20	26°48	23°59	25°54	24°59	16°20	22°38	1°53	23°38	24°51	8°19	n.a.	M22
T 23	0 57 25	13°37'09	2♐46	1°30	27°58	24°42	25°55	25° 6	16°19	22°38	1°53	23°34	24°48	8°26	n.a.	T 23
W24	1 1 21	14°38'22	15° 0	0°50	29° 7	25°25	25°56	25°13	16°18	22°39	1°52	23°31	24°44	8°33	n.a.	W24
T 25	1 5 18	15°39'35	27°27	0°22	0♑17	26° 8	25°57	25°20	16°17	22°40	1°51	23°D31	24°41	8°39	n.a.	T 25
F 26	1 9 15	16°40'49	10♑13	0° 6	1°26	26°51	25°58	25°27	16°17	22°40	1°50	23°R32	24°38	8°46	n.a.	F 26
S 27	1 13 11	17°42'03	23°21	29°D59	2°35	27°34	25°59	25°34	16°16	22°41	1°49	23°32	24°35	8°53	n.a.	S 27
S 28	1 17 8	18°43'18	6♒55	0° 4	3°44	28°17	25°59	25°41	16°15	22°41	1°48	23°30	24°32	9° 0	n.a.	S 28
M29	1 21 4	19°44'33	20°57	0°18	4°52	29° 0	25°R59	25°48	16°14	22°42	1°47	23°26	24°28	9° 6	n.a.	M29
T 30	1 25 1	20°45'48	5♓27	0°41	6° 1	29°43	25°59	25°55	16°14	22°42	1°47	23°20	24°25	9°13	n.a.	T 30
W31	1 28 57	21♎47'04	20♓23	1♎11	7♐ 9	0♎26	25♊59	26♎ 2	16♒13	22♋42	1♊46	23♊12	24♊22	9♎20	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	3n32	20s52	3s37	7s59	2s45	14s 8	1s48	9n 5	0n51	24n11	0n22	7s13	1n56	16s54	0s50	22n51	0n49	22n16	1n17	23n53	23n52	2n13			n.a.
T 2	3 8	16 47	4 22	8 15	2 44	14 35	1 51	8 48	0 51	24 12	0 22	7 15	1 55	16 54	0 50	22 50	0 49	22 16	1 17	23 53	23 52	2 10			n.a.
W 3	2 43	11 33	4 51	8 28	2 42	15 3	1 54	8 32	0 51	24 12	0 23	7 18	1 55	16 55	0 50	22 50	0 49	22 16	1 17	23 52	23 52	2 7			n.a.
T 4	2 19	5 32	5 0	8 37	2 38	15 30	1 57	8 15	0 50	24 13	0 23	7 20	1 55	16 55	0 50	22 50	0 49	22 16	1 17	23 52	23 52	2 5			n.a.
F 5	1 54	0n50	4 47	8 42	2 34	15 57	1 59	7 58	0 50	24 13	0 23	7 23	1 55	16 56	0 50	22 50	0 49	22 16	1 18	23 51	23 51	2 2			n.a.
S 6	1 29	7 6	4 13	8 43	2 28	16 23	2 2	7 42	0 49	24 13	0 23	7 25	1 55	16 56	0 50	22 50	0 49	22 16	1 18	23 51	23 51	1 59			n.a.
S 7	1 5	12 49	3 24	8 40	2 21	16 49	2 5	7 25	0 49	24 14	0 23	7 28	1 55	16 57	0 50	22 50	0 49	22 16	1 18	23 51	23 51	1 56			n.a.
M 8	0 40	17 41	2 22	8 31	2 13	17 14	2 7	7 8	0 49	24 14	0 24	7 30	1 55	16 57	0 50	22 49	0 49	22 16	1 18	23 51	23 51	1 53			n.a.
T 9	0 15	21 23	1 14	8 17	2 2	17 40	2 10	6 51	0 48	24 14	0 24	7 33	1 55	16 58	0 50	22 49	0 49	22 16	1 18	23 51	23 51	1 50			n.a.
W10	0s 9	23 46	0 3	7 57	1 50	18 4	2 12	6 34	0 48	24 15	0 24	7 35	1 54	16 58	0 50	22 49	0 49	22 16	1 18	23 51	23 51	1 48			n.a.
T 11	0 34	24 47	1n 5	7 31	1 37	18 28	2 14	6 17	0 47	24 15	0 24	7 38	1 54	16 59	0 50	22 49	0 49	22 16	1 18	23 51	23 51	1 45			n.a.
F 12	0 59	24 26	2 9	7 0	1 21	18 52	2 16	5 59	0 47	24 15	0 24	7 41	1 54	16 59	0 50	22 49	0 49	22 16	1 18	23 51	23 51	1 42			n.a.
S 13	1 23	22 52	3 5	6 23	1 4	19 15	2 19	5 42	0 46	24 16	0 25	7 43	1 54	17 0	0 50	22 49	0 49	22 16	1 18	23 51	23 51	1 39			n.a.
S 14	1 48	20 15	3 51	5 40	0 46	19 38	2 21	5 25	0 46	24 16	0 25	7 46	1 54	17 0	0 50	22 49	0 49	22 16	1 18	23 50	23 50	1 36			n.a.
M15	2 13	16 48	4 26	4 54	0 26	20 0	2 23	5 8	0 46	24 16	0 25	7 48	1 54	17 0	0 50	22 48	0 49	22 16	1 19	23 50	23 50	1 33			n.a.
T 16	2 37	12 41	4 49	4 4	0 6	20 22	2 25	4 50	0 45	24 17	0 25	7 51	1 54	17 1	0 50	22 48	0 49	22 15	1 19	23 50	23 50	1 30			n.a.
W17	3 2	8 7	4 59	3 12	0n15	20 43	2 27	4 33	0 45	24 17	0 26	7 54	1 54	17 1	0 50	22 48	0 49	22 15	1 19	23 49	23 50	1 27			n.a.
T 18	3 27	3 16	4 56	2 20	0 35	21 4	2 28	4 15	0 44	24 17	0 26	7 56	1 54	17 1	0 50	22 48	0 49	22 15	1 19	23 48	23 50	1 25			n.a.
F 19	3 51	1s42	4 41	1 30	0 55	21 24	2 30	3 58	0 44	24 17	0 26	7 59	1 54	17 2	0 50	22 48	0 49	22 15	1 19	23 48	23 50	1 22			n.a.
S 20	4 16	6 37	4 13	0 42	1 14	21 43	2 32	3 40	0 43	24 18	0 26	8 2	1 53	17 2	0 50	22 48	0 49	22 15	1 19	23 47	23 50	1 19			n.a.
S 21	4 40	11 20	3 34	0n 2	1 31	22 2	2 33	3 22	0 43	24 18	0 26	8 4	1 53	17 2	0 50	22 48	0 49	22 15	1 19	23 47	23 50	1 16			n.a.
M22	5 5	15 39	2 45	0 40	1 46	22 20	2 35	3 5	0 42	24 18	0 27	8 7	1 53	17 3	0 49	22 48	0 49	22 15	1 19	23 46	23 49	1 13			n.a.
T 23	5 29	19 22	1 48	1 13	2 0	22 38	2 36	2 47	0 42	24 19	0 27	8 9	1 53	17 3	0 49	22 48	0 49	22 15	1 19	23 46	23 49	1 10			n.a.
W24	5 53	22 19	0 45	1 39	2 11	22 55	2 37	2 29	0 41	24 19	0 27	8 12	1 53	17 3	0 49	22 48	0 49	22 15	1 19	23 46	23 49	1 7			n.a.
T 25	6 17	24 15	0s21	1 59	2 20	23 12	2 38	2 11	0 41	24 19	0 27	8 15	1 53	17 3	0 49	22 48	0 50	22 15	1 19	23 46	23 49	1 4			n.a.
F 26	6 41	24 59	1 28	2 13	2 28	23 28	2 39	1 54	0 40	24 19	0 27	8 17	1 53	17 4	0 49	22 47	0 50	22 15	1 20	23 46	23 49	1 2			n.a.
S 27	7 5	24 21	2 32	2 20	2 33	23 43	2 40	1 36	0 40	24 19	0 28	8 20	1 53	17 4	0 49	22 47	0 50	22 15	1 20	23 46	23 49	0 59			n.a.
S 28	7 29	22 18	3 29	2 22	2 37	23 57	2 41	1 18	0 39	24 20	0 28	8 23	1 53	17 4	0 49	22 47	0 50	22 15	1 20	23 46	23 49	0 56			n.a.
M29	7 52	18 51	4 17	2 18	2 40	24 11	2 42	1 0	0 39	24 20	0 28	8 25	1 53	17 4	0 49	22 47	0 50	22 15	1 20	23 46	23 49	0 53			n.a.
T 30	8 16	14 10	4 49	2 10	2 41	24 25	2 42	0 42	0 38	24 20	0 28	8 28	1 53	17 5	0 49	22 47	0 50	22 14	1 20	23 45	23 48	0 50			n.a.
W31	8s39	8s31	5s 3	1n58	2n40	24s37	2s43	0n24	0n38	24n20	0n29	8s31	1n53	17s 5	0s49	22n47	0n50	22n14	1n20	23n45	23n48	0n47			n.a.

Julian Day Number = 983891.5, Delta T = 13h10m34s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'40, Lahiri = -31°47'40 Julian Calendar 1 Oct. 2020 BCE == Greg. Calendar 14 Sept. 2020 BCE

The year -2019 astronomical counting style corresponds to year 2020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

NOVEMBER 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 32 54	22♎48'19	5♈35	1♎49	8♐18	1♎ 9	25°R59	26♎ 9	16°R12	22♋43	1°R45	23°R 2	24♊19	9♎26	n.a.	T 1
F 2	1 36 51	23°49'35	20°55	2°33	9°26	1°52	25♊58	26°16	16♒12	22°43	1♊44	22♊53	24°16	9°33	n.a.	F 2
S 3	1 40 47	24°50'52	6♉11	3°22	10°34	2°35	25°57	26°23	16°11	22°43	1°43	22°44	24°13	9°40	n.a.	S 3
S 4	1 44 44	25°52'09	21°11	4°17	11°41	3°19	25°56	26°30	16°11	22°44	1°42	22°38	24° 9	9°47	n.a.	S 4
M 5	1 48 40	26°53'27	5♊48	5°15	12°49	4° 2	25°55	26°37	16°10	22°44	1°41	22°35	24° 6	9°53	n.a.	M 5
T 6	1 52 37	27°54'45	19°57	6°18	13°56	4°45	25°53	26°44	16°10	22°44	1°40	22°D33	24° 3	10° 0	n.a.	T 6
W 7	1 56 33	28°56'04	3♋36	7°24	15° 3	5°29	25°52	26°51	16°10	22°44	1°38	22°34	24° 0	10° 7	n.a.	W 7
T 8	2 0 30	29°57'23	16°48	8°32	16°10	6°12	25°50	26°58	16°10	22°44	1°37	22°35	23°57	10°13	n.a.	T 8
F 9	2 4 27	0♏58'43	29°35	9°43	17°17	6°55	25°48	27° 5	16° 9	22°45	1°36	22°R36	23°53	10°20	n.a.	F 9
S 10	2 8 23	2° 0'03	12♌ 2	10°57	18°23	7°39	25°46	27°12	16° 9	22°45	1°35	22°35	23°50	10°27	n.a.	S 10
S 11	2 12 20	3° 1'24	24°14	12°12	19°30	8°23	25°44	27°19	16° 9	22°R45	1°34	22°32	23°47	10°34	n.a.	S 11
M12	2 16 16	4° 2'45	6♍15	13°30	20°36	9° 6	25°41	27°26	16°D 9	22°45	1°33	22°27	23°44	10°40	n.a.	M12
T 13	2 20 13	5° 4'06	18°10	14°48	21°42	9°50	25°38	27°33	16° 9	22°45	1°32	22°21	23°41	10°47	n.a.	T 13
W14	2 24 9	6° 5'27	0♎ 1	16° 9	22°47	10°33	25°35	27°40	16° 9	22°45	1°31	22°12	23°38	10°54	n.a.	W14
T 15	2 28 6	7° 6'48	11°52	17°30	23°52	11°17	25°32	27°47	16°10	22°44	1°29	22° 3	23°34	11° 1	n.a.	T 15
F 16	2 32 2	8° 8'09	23°45	18°53	24°57	12° 1	25°29	27°54	16°10	22°44	1°28	21°54	23°31	11° 7	n.a.	F 16
S 17	2 35 59	9° 9'31	5♏41	20°16	26° 2	12°45	25°25	28° 1	16°10	22°44	1°27	21°45	23°28	11°14	n.a.	S 17
S 18	2 39 56	10°10'52	17°43	21°40	27° 7	13°28	25°22	28° 8	16°10	22°44	1°26	21°39	23°25	11°21	n.a.	S 18
M19	2 43 52	11°12'12	29°51	23° 6	28°11	14°12	25°18	28°14	16°11	22°44	1°25	21°34	23°22	11°27	n.a.	M19
T 20	2 47 49	12°13'33	12♐ 6	24°32	29°15	14°56	25°14	28°21	16°11	22°43	1°23	21°32	23°19	11°34	n.a.	T 20
W21	2 51 45	13°14'53	24°32	25°58	0♑18	15°40	25° 9	28°28	16°11	22°43	1°22	21°D31	23°15	11°41	n.a.	W21
T 22	2 55 42	14°16'13	7♑ 9	27°25	1°22	16°24	25° 5	28°35	16°12	22°43	1°21	21°32	23°12	11°48	n.a.	T 22
F 23	2 59 38	15°17'32	20° 1	28°53	2°25	17° 8	25° 0	28°42	16°13	22°42	1°20	21°34	23° 9	11°54	n.a.	F 23
S 24	3 3 35	16°18'50	3♒10	0♏22	3°27	17°52	24°56	28°49	16°13	22°42	1°18	21°35	23° 6	12° 1	n.a.	S 24
S 25	3 7 32	17°20'07	16°40	1°51	4°29	18°36	24°51	28°55	16°14	22°41	1°17	21°R36	23° 3	12° 8	n.a.	S 25
M26	3 11 28	18°21'24	0♓31	3°20	5°31	19°20	24°46	29° 2	16°15	22°41	1°16	21°35	22°59	12°14	n.a.	M26
T 27	3 15 25	19°22'40	14°44	4°50	6°32	20° 4	24°40	29° 9	16°15	22°40	1°15	21°33	22°56	12°21	n.a.	T 27
W28	3 19 21	20°23'54	29°18	6°21	7°33	20°49	24°35	29°16	16°16	22°40	1°13	21°30	22°53	12°28	n.a.	W28
T 29	3 23 18	21°25'08	14♈ 8	7°52	8°34	21°33	24°29	29°22	16°17	22°39	1°12	21°25	22°50	12°35	n.a.	T 29
F 30	3 27 14	22♏26'21	29♈ 7	9♏24	9♑34	22♎17	24♊24	29♎29	16♒18	22♋39	1♊11	21♊21	22♊47	12♎41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s 3	2s16	4s57	1n41	2n39	24s49	2s43	0n 6	0n37	24n21	0n29	8s33	1n53	17s 5	0s49	22n47	0n50	22n14	1n20	23n44	23n48	0n44		n.a.
F 2	9 26	4n11	4 29	1 21	2 37	25 0	2 43	0s12	0 37	24 21	0 29	8 36	1 53	17 5	0 49	22 47	0 50	22 14	1 20	23 44	23 48	0 41		n.a.
S 3	9 49	10 22	3 42	0 58	2 34	25 11	2 43	0 30	0 36	24 21	0 29	8 38	1 52	17 5	0 49	22 47	0 50	22 14	1 20	23 43	23 48	0 39		n.a.
S 4	10 12	15 51	2 40	0 33	2 30	25 20	2 43	0 48	0 36	24 21	0 29	8 41	1 52	17 5	0 49	22 47	0 50	22 14	1 20	23 43	23 48	0 36		n.a.
M 5	10 34	20 15	1 29	0 5	2 26	25 30	2 43	1 6	0 35	24 21	0 30	8 44	1 52	17 5	0 49	22 47	0 50	22 14	1 21	23 43	23 48	0 33		n.a.
T 6	10 57	23 18	0 14	0s24	2 21	25 38	2 43	1 24	0 35	24 22	0 30	8 46	1 52	17 5	0 49	22 47	0 50	22 14	1 21	23 43	23 47	0 30		n.a.
W 7	11 19	24 52	0n59	0 56	2 15	25 46	2 43	1 42	0 34	24 22	0 30	8 49	1 52	17 5	0 49	22 47	0 50	22 14	1 21	23 43	23 47	0 27		n.a.
T 8	11 41	24 56	2 6	1 28	2 10	25 53	2 42	2 0	0 33	24 22	0 30	8 51	1 52	17 5	0 49	22 47	0 50	22 13	1 21	23 43	23 47	0 24		n.a.
F 9	12 3	23 40	3 5	2 3	2 3	25 59	2 41	2 18	0 33	24 22	0 31	8 54	1 52	17 5	0 49	22 47	0 50	22 13	1 21	23 43	23 47	0 21		n.a.
S 10	12 25	21 16	3 54	2 38	1 57	26 4	2 41	2 36	0 32	24 22	0 31	8 57	1 52	17 5	0 49	22 47	0 50	22 13	1 21	23 43	23 47	0 18		n.a.
S 11	12 46	17 57	4 31	3 14	1 51	26 9	2 40	2 54	0 32	24 22	0 31	8 59	1 52	17 5	0 49	22 47	0 50	22 13	1 21	23 43	23 47	0 15		n.a.
M12	13 7	13 57	4 55	3 51	1 44	26 13	2 39	3 12	0 31	24 22	0 31	9 2	1 52	17 5	0 49	22 47	0 50	22 13	1 21	23 42	23 46	0 12		n.a.
T 13	13 28	9 27	5 6	4 28	1 37	26 17	2 37	3 30	0 31	24 23	0 31	9 4	1 52	17 5	0 49	22 47	0 50	22 13	1 21	23 42	23 46	0 10		n.a.
W14	13 49	4 38	5 4	5 6	1 30	26 19	2 36	3 48	0 30	24 23	0 32	9 7	1 52	17 5	0 49	22 48	0 50	22 12	1 21	23 42	23 46	0 7		n.a.
T 15	14 10	0s22	4 49	5 44	1 23	26 21	2 34	4 6	0 29	24 23	0 32	9 9	1 52	17 5	0 49	22 48	0 50	22 12	1 21	23 41	23 46	0 4		n.a.
F 16	14 30	5 21	4 22	6 23	1 15	26 22	2 33	4 24	0 29	24 23	0 32	9 12	1 52	17 5	0 48	22 48	0 50	22 12	1 21	23 40	23 46	0 1		n.a.
S 17	14 50	10 12	3 42	7 2	1 8	26 23	2 31	4 42	0 28	24 23	0 32	9 14	1 52	17 5	0 48	22 48	0 50	22 12	1 22	23 40	23 46	0s 2		n.a.
S 18	15 10	14 42	2 53	7 41	1 1	26 23	2 29	5 0	0 28	24 23	0 33	9 17	1 52	17 5	0 48	22 48	0 51	22 12	1 22	23 39	23 46	0 5		n.a.
M19	15 30	18 40	1 55	8 20	0 53	26 22	2 27	5 18	0 27	24 23	0 33	9 19	1 52	17 5	0 48	22 48	0 51	22 12	1 22	23 39	23 45	0 8		n.a.
T 20	15 49	21 52	0 51	8 59	0 46	26 20	2 25	5 36	0 26	24 23	0 33	9 22	1 52	17 4	0 48	22 48	0 51	22 11	1 22	23 39	23 45	0 11		n.a.
W21	16 8	24 5	0s16	9 38	0 39	26 18	2 22	5 54	0 26	24 23	0 33	9 24	1 52	17 4	0 48	22 48	0 51	22 11	1 22	23 39	23 45	0 14		n.a.
T 22	16 27	25 8	1 24	10 17	0 31	26 15	2 20	6 11	0 25	24 23	0 33	9 27	1 52	17 4	0 48	22 48	0 51	22 11	1 22	23 39	23 45	0 17		n.a.
F 23	16 45	24 51	2 29	10 56	0 24	26 11	2 17	6 29	0 25	24 23	0 34	9 29	1 52	17 4	0 48	22 48	0 51	22 11	1 22	23 39	23 45	0 20		n.a.
S 24	17 3	23 12	3 28	11 34	0 17	26 7	2 14	6 47	0 24	24 23	0 34	9 32	1 52	17 4	0 48	22 48	0 51	22 11	1 22	23 39	23 45	0 23		n.a.
S 25	17 21	20 13	4 16	12 12	0 10	26 2	2 11	7 5	0 23	24 23	0 34	9 34	1 52	17 3	0 48	22 48	0 51	22 10	1 22	23 39	23 44	0 25		n.a.
M26	17 39	16 3	4 52	12 50	0 3	25 56	2 8	7 22	0 23	24 23	0 34	9 37	1 52	17 3	0 48	22 49	0 51	22 10	1 22	23 39	23 44	0 28		n.a.
T 27	17 56	10 53	5 10	13 28	0s 4	25 50	2 4	7 40	0 22	24 23	0 34	9 39	1 52	17 3	0 48	22 49	0 51	22 10	1 22	23 39	23 44	0 31		n.a.
W28	18 13	5 0	5 9	14 5	0 11	25 43	2 1	7 57	0 21	24 23	0 35	9 41	1 52	17 3	0 48	22 49	0 51	22 10	1 22	23 39	23 44	0 34		n.a.
T 29	18 29	1n16	4 48	14 42	0 18	25 35	1 57	8 15	0 21	24 23	0 35	9 44	1 52	17 2	0 48	22 49	0 51	22 10	1 22	23 39	23 44	0 37		n.a.
F 30	18s45	7n32	4s 7	15s18	0s25	25s27	1s53	8s32	0n20	24n23	0n35	9s46	1n52	17s 2	0s48	22n49	0n51	22n10	1n23	23n38	23n44	0s40		n.a.

Julian Day Number = 983922.5, Delta T = 13h10m31s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'36, Lahiri = -31°47'35 Julian Calendar 1 Nov. 2020 BCE == Greg. Calendar 15 Oct. 2020 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2020 BCE
geocentric

DECEMBER 2020 BCE (-2019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 31 11	23♏27'33	14♉ 7	10♏56	10♑34	23♎ 1	24°R18	29♎36	16♒19	22°R38	1°R 9	21°R17	22♊44	12♎48	n.a.	S 1
S 2	3 35 7	24°28'45	28°58	12°28	11°33	23°46	24♊12	29°42	16°20	22♋37	1♊ 8	21♊14	22°40	12°55	n.a.	S 2
M 3	3 39 4	25°29'56	13♊33	14° 1	12°31	24°30	24° 6	29°49	16°21	22°37	1° 7	21°13	22°37	13° 1	n.a.	M 3
T 4	3 43 1	26°31'06	27°46	15°35	13°30	25°14	24° 0	29°55	16°22	22°36	1° 5	21°D13	22°34	13° 8	n.a.	T 4
W 5	3 46 57	27°32'15	11♋32	17° 9	14°27	25°59	23°53	0♏ 2	16°23	22°35	1° 4	21°14	22°31	13°15	n.a.	W 5
T 6	3 50 54	28°33'24	24°53	18°44	15°24	26°43	23°47	0° 8	16°24	22°34	1° 3	21°15	22°28	13°22	n.a.	T 6
F 7	3 54 50	29°34'31	7♌48	20°19	16°21	27°28	23°40	0°15	16°26	22°34	1° 2	21°17	22°25	13°28	n.a.	F 7
S 8	3 58 47	0♐35'38	20°22	21°55	17°17	28°12	23°33	0°21	16°27	22°33	1° 0	21°18	22°21	13°35	n.a.	S 8
S 9	4 2 43	1°36'45	2♍38	23°31	18°12	28°57	23°27	0°27	16°28	22°32	0°59	21°R19	22°18	13°42	n.a.	S 9
M10	4 6 40	2°37'50	14°41	25° 8	19° 6	29°42	23°20	0°34	16°30	22°31	0°58	21°18	22°15	13°48	n.a.	M10
T 11	4 10 37	3°38'55	26°36	26°46	20° 0	0♏26	23°13	0°40	16°31	22°30	0°56	21°17	22°12	13°55	n.a.	T 11
W12	4 14 33	4°39'59	8♎27	28°24	20°54	1°11	23° 5	0°46	16°33	22°29	0°55	21°14	22° 9	14° 2	n.a.	W12
T 13	4 18 30	5°41'01	20°18	0♐ 3	21°46	1°56	22°58	0°52	16°34	22°28	0°54	21°12	22° 5	14° 9	n.a.	T 13
F 14	4 22 26	6°42'03	2♏13	1°42	22°38	2°40	22°51	0°58	16°36	22°27	0°52	21°10	22° 2	14°15	n.a.	F 14
S 15	4 26 23	7°43'04	14°14	3°23	23°29	3°25	22°43	1° 5	16°38	22°26	0°51	21° 7	21°59	14°22	n.a.	S 15
S 16	4 30 19	8°44'04	26°25	5° 3	24°20	4°10	22°36	1°11	16°39	22°25	0°50	21° 6	21°56	14°29	n.a.	S 16
M17	4 34 16	9°45'02	8♐45	6°45	25° 9	4°55	22°28	1°17	16°41	22°24	0°48	21° 5	21°53	14°35	n.a.	M17
T 18	4 38 13	10°45'59	21°18	8°27	25°58	5°39	22°21	1°23	16°43	22°23	0°47	21°D 4	21°50	14°42	n.a.	T 18
W19	4 42 9	11°46'55	4♑ 2	10°10	26°46	6°24	22°13	1°28	16°45	22°21	0°46	21° 5	21°46	14°49	n.a.	W19
T 20	4 46 6	12°47'49	17° 0	11°54	27°32	7° 9	22° 5	1°34	16°46	22°20	0°44	21° 5	21°43	14°56	n.a.	T 20
F 21	4 50 2	13°48'42	0♒10	13°38	28°18	7°54	21°57	1°40	16°48	22°19	0°43	21° 6	21°40	15° 2	n.a.	F 21
S 22	4 53 59	14°49'33	13°34	15°24	29° 3	8°39	21°50	1°46	16°50	22°18	0°42	21° 7	21°37	15° 9	n.a.	S 22
S 23	4 57 55	15°50'22	27°12	17°10	29°47	9°24	21°42	1°52	16°52	22°17	0°41	21° 7	21°34	15°16	n.a.	S 23
M24	5 1 52	16°51'09	11♓ 4	18°56	0♒29	10° 9	21°34	1°57	16°54	22°15	0°39	21°R 8	21°31	15°22	n.a.	M24
T 25	5 5 48	17°51'54	25° 8	20°43	1°11	10°54	21°26	2° 3	16°56	22°14	0°38	21° 7	21°27	15°29	n.a.	T 25
W26	5 9 45	18°52'38	9♈25	22°31	1°51	11°39	21°18	2° 8	16°59	22°13	0°37	21° 7	21°24	15°36	n.a.	W26
T 27	5 13 42	19°53'19	23°50	24°20	2°30	12°24	21°10	2°14	17° 1	22°11	0°36	21° 7	21°21	15°43	n.a.	T 27
F 28	5 17 38	20°53'59	8♉21	26° 9	3° 8	13°10	21° 2	2°19	17° 3	22°10	0°34	21°D 7	21°18	15°49	n.a.	F 28
S 29	5 21 35	21°54'36	22°52	27°58	3°44	13°55	20°54	2°25	17° 5	22° 9	0°33	21° 7	21°15	15°56	n.a.	S 29
S 30	5 25 31	22°55'12	7♊18	29°48	4°19	14°40	20°46	2°30	17° 7	22° 7	0°32	21° 7	21°11	16° 3	n.a.	S 30
M31	5 29 28	23♐55'47	21♊34	1♑39	4♒53	15♏25	20♊38	2♏35	17♒10	22♋ 6	0♊31	21°R 7	21♊ 8	16♎ 9	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 1	13n23	3s 9	15s54	0s31	25s18	1s49	8s50	0n19	24n23	0n35	9s49	1n52	17s 2	0s48	22n49	0n51	22n 9	1n23	23n38	23n43	0s43		n.a.
S 2	19 16	18 24	1 59	16 29	0 38	25 9	1 44	9 7	0 19	24 23	0 36	9 51	1 52	17 1	0 48	22 49	0 51	22 9	1 23	23 38	23 43	0 46		n.a.
M 3	19 32	22 12	0 42	17 4	0 44	24 59	1 40	9 24	0 18	24 23	0 36	9 53	1 52	17 1	0 48	22 50	0 51	22 9	1 23	23 38	23 43	0 49		n.a.
T 4	19 46	24 30	0n36	17 38	0 50	24 48	1 35	9 41	0 17	24 23	0 36	9 56	1 52	17 1	0 48	22 50	0 51	22 9	1 23	23 38	23 43	0 52		n.a.
W 5	20 1	25 14	1 50	18 11	0 56	24 37	1 30	9 59	0 17	24 23	0 36	9 58	1 52	17 0	0 48	22 50	0 51	22 8	1 23	23 38	23 43	0 55		n.a.
T 6	20 15	24 27	2 55	18 44	1 1	24 26	1 25	10 16	0 16	24 23	0 36	10 0	1 52	17 0	0 48	22 50	0 51	22 8	1 23	23 38	23 42	0 58		n.a.
F 7	20 28	22 22	3 49	19 16	1 7	24 14	1 20	10 33	0 15	24 23	0 37	10 2	1 52	16 59	0 48	22 50	0 51	22 8	1 23	23 38	23 42	1 1		n.a.
S 8	20 41	19 15	4 31	19 47	1 12	24 1	1 15	10 49	0 15	24 23	0 37	10 5	1 52	16 59	0 48	22 50	0 51	22 8	1 23	23 38	23 42	1 3		n.a.
S 9	20 54	15 22	4 59	20 17	1 17	23 48	1 9	11 6	0 14	24 23	0 37	10 7	1 52	16 58	0 48	22 51	0 51	22 8	1 23	23 38	23 42	1 6		n.a.
M10	21 7	10 57	5 13	20 46	1 22	23 35	1 3	11 23	0 13	24 22	0 37	10 9	1 52	16 58	0 48	22 51	0 51	22 7	1 23	23 38	23 42	1 9		n.a.
T 11	21 19	6 10	5 14	21 14	1 27	23 21	0 57	11 40	0 12	24 22	0 37	10 11	1 52	16 57	0 47	22 51	0 51	22 7	1 23	23 38	23 41	1 12		n.a.
W12	21 30	1 11	5 1	21 41	1 31	23 6	0 51	11 56	0 12	24 22	0 38	10 13	1 52	16 57	0 47	22 51	0 51	22 7	1 23	23 38	23 41	1 15		n.a.
T 13	21 41	3s50	4 36	22 7	1 35	22 51	0 44	12 13	0 11	24 22	0 38	10 15	1 53	16 56	0 47	22 51	0 51	22 7	1 23	23 38	23 41	1 18		n.a.
F 14	21 52	8 46	3 58	22 32	1 39	22 36	0 38	12 29	0 10	24 22	0 38	10 18	1 53	16 56	0 47	22 52	0 51	22 7	1 24	23 37	23 41	1 21		n.a.
S 15	22 2	13 25	3 10	22 56	1 43	22 21	0 31	12 45	0 10	24 21	0 38	10 20	1 53	16 55	0 47	22 52	0 52	22 6	1 24	23 37	23 41	1 24		n.a.
S 16	22 12	17 36	2 12	23 19	1 46	22 5	0 24	13 2	0 9	24 21	0 38	10 22	1 53	16 55	0 47	22 52	0 52	22 6	1 24	23 37	23 41	1 27		n.a.
M17	22 22	21 6	1 8	23 40	1 49	21 49	0 17	13 18	0 8	24 21	0 38	10 24	1 53	16 54	0 47	22 52	0 52	22 6	1 24	23 37	23 40	1 30		n.a.
T 18	22 31	23 39	0s 1	24 0	1 51	21 32	0 9	13 34	0 7	24 21	0 39	10 26	1 53	16 54	0 47	22 52	0 52	22 6	1 24	23 37	23 40	1 33		n.a.
W19	22 39	25 3	1 11	24 18	1 54	21 15	0 1	13 49	0 7	24 20	0 39	10 28	1 53	16 53	0 47	22 53	0 52	22 5	1 24	23 37	23 40	1 36		n.a.
T 20	22 48	25 7	2 19	24 35	1 56	20 58	0n 6	14 5	0 6	24 20	0 39	10 30	1 53	16 52	0 47	22 53	0 52	22 5	1 24	23 37	23 40	1 39		n.a.
F 21	22 55	23 47	3 20	24 50	1 57	20 41	0 15	14 21	0 5	24 20	0 39	10 32	1 53	16 52	0 47	22 53	0 52	22 5	1 24	23 37	23 40	1 42		n.a.
S 22	23 3	21 6	4 12	25 4	1 58	20 23	0 23	14 36	0 4	24 19	0 39	10 34	1 53	16 51	0 47	22 53	0 52	22 5	1 24	23 37	23 39	1 45		n.a.
S 23	23 9	17 13	4 50	25 16	1 59	20 6	0 32	14 52	0 4	24 19	0 39	10 36	1 53	16 51	0 47	22 54	0 52	22 5	1 24	23 37	23 39	1 48		n.a.
M24	23 16	12 21	5 12	25 26	1 59	19 48	0 40	15 7	0 3	24 19	0 40	10 38	1 53	16 50	0 47	22 54	0 52	22 4	1 24	23 37	23 39	1 51		n.a.
T 25	23 22	6 47	5 16	25 34	1 58	19 30	0 49	15 22	0 2	24 18	0 40	10 40	1 53	16 49	0 47	22 54	0 52	22 4	1 24	23 37	23 39	1 53		n.a.
W26	23 27	0 48	5 1	25 40	1 58	19 12	0 59	15 37	0 1	24 18	0 40	10 41	1 53	16 49	0 47	22 54	0 52	22 4	1 24	23 37	23 38	1 56		n.a.
T 27	23 32	5n18	4 27	25 44	1 56	18 54	1 8	15 52	0 1	24 18	0 40	10 43	1 53	16 48	0 47	22 55	0 52	22 4	1 24	23 37	23 38	1 59		n.a.
F 28	23 36	11 10	3 36	25 46	1 54	18 36	1 18	16 7	0s 0	24 17	0 40	10 45	1 54	16 47	0 47	22 55	0 52	22 4	1 24	23 37	23 38	2 2		n.a.
S 29	23 40	16 26	2 31	25 46	1 52	18 17	1 28	16 21	0 1	24 17	0 40	10 47	1 54	16 46	0 47	22 55	0 52	22 3	1 24	23 37	23 38	2 5		n.a.
S 30	23 44	20 43	1 16	25 44	1 49	17 59	1 38	16 36	0 2	24 16	0 41	10 49	1 54	16 46	0 47	22 55	0 52	22 3	1 25	23 37	23 38	2 8		n.a.
M31	23s47	23n42	0n 2	25s40	1s45	17s41	1n48	16s50	0s 3	24n16	0n41	10s50	1n54	16s45	0s47	22n56	0n52	22n 3	1n25	23n37	23n37	2s11		n.a.

Julian Day Number = 983952.5, Delta T = 13h10m29s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'32, Lahiri = -31°47'31 Julian Calendar 1 Dec. 2020 BCE == Greg. Calendar 14 Nov. 2020 BCE

The year -2019 astronomical counting style corresponds to year 2020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

JANUARY 2019 BCE (-2018) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 33 24	24♐56'19	5♋34	3♑29	5♒25	16♏10	20°R30	2♏40	17♒12	22°R 4	0°R30	21°R 7	21♊ 5	16♎16	n.a.	T 1
W 2	5 37 21	25°56'50	19°15	5°19	5°55	16°55	20♊22	2°45	17°14	22♋ 3	0♊28	21♊ 7	21° 2	16°23	n.a.	W 2
T 3	5 41 18	26°57'19	2♌35	7°10	6°24	17°41	20°15	2°50	17°17	22° 2	0°27	21° 6	20°59	16°30	n.a.	T 3
F 4	5 45 14	27°57'46	15°33	8°59	6°51	18°26	20° 7	2°55	17°19	22° 0	0°26	21° 5	20°56	16°36	n.a.	F 4
S 5	5 49 11	28°58'12	28°11	10°48	7°17	19°11	19°59	3° 0	17°22	21°59	0°25	21° 4	20°52	16°43	n.a.	S 5
S 6	5 53 7	29°58'36	10♍31	12°36	7°41	19°57	19°51	3° 5	17°24	21°57	0°24	21° 4	20°49	16°50	n.a.	S 6
M 7	5 57 4	0♑58'58	22°38	14°23	8° 2	20°42	19°43	3°10	17°27	21°56	0°23	21° 3	20°46	16°56	n.a.	M 7
T 8	6 1 0	1°59'19	4♎35	16° 8	8°22	21°27	19°36	3°15	17°30	21°54	0°22	21°D 3	20°43	17° 3	n.a.	T 8
W 9	6 4 57	2°59'38	16°27	17°51	8°40	22°13	19°28	3°19	17°32	21°53	0°20	21° 3	20°40	17°10	n.a.	W 9
T 10	6 8 53	3°59'55	28°19	19°31	8°56	22°58	19°21	3°24	17°35	21°51	0°19	21° 4	20°37	17°17	n.a.	T 10
F 11	6 12 50	5° 0'11	10♏15	21° 8	9° 9	23°44	19°13	3°28	17°38	21°49	0°18	21° 5	20°33	17°23	n.a.	F 11
S 12	6 16 46	6° 0'25	22°20	22°41	9°21	24°29	19° 6	3°33	17°40	21°48	0°17	21° 7	20°30	17°30	n.a.	S 12
S 13	6 20 43	7° 0'37	4♐37	24°10	9°30	25°15	18°59	3°37	17°43	21°46	0°16	21° 8	20°27	17°37	n.a.	S 13
M14	6 24 40	8° 0'47	17° 9	25°34	9°37	26° 0	18°51	3°41	17°46	21°45	0°15	21°R 9	20°24	17°43	n.a.	M14
T 15	6 28 36	9° 0'56	29°58	26°52	9°42	26°46	18°44	3°46	17°49	21°43	0°14	21° 8	20°21	17°50	n.a.	T 15
W16	6 32 33	10° 1'02	13♑ 4	28° 4	9°R44	27°31	18°37	3°50	17°51	21°41	0°13	21° 7	20°17	17°57	n.a.	W16
T 17	6 36 29	11° 1'06	26°26	29°10	9°44	28°17	18°30	3°54	17°54	21°40	0°12	21° 5	20°14	18° 3	n.a.	T 17
F 18	6 40 26	12° 1'08	10♒ 4	0♒ 8	9°41	29° 3	18°24	3°58	17°57	21°38	0°11	21° 2	20°11	18°10	n.a.	F 18
S 19	6 44 22	13° 1'08	23°53	0°58	9°36	29°48	18°17	4° 2	18° 0	21°37	0°10	20°59	20° 8	18°17	n.a.	S 19
S 20	6 48 19	14° 1'06	7♓53	1°41	9°28	0♐34	18°10	4° 5	18° 3	21°35	0°10	20°56	20° 5	18°24	n.a.	S 20
M21	6 52 15	15° 1'01	21°59	2°14	9°18	1°19	18° 4	4° 9	18° 6	21°33	0° 9	20°54	20° 2	18°30	n.a.	M21
T 22	6 56 12	16° 0'53	6♈ 8	2°39	9° 5	2° 5	17°58	4°13	18° 9	21°32	0° 8	20°52	19°58	18°37	n.a.	T 22
W23	7 0 9	17° 0'43	20°19	2°55	8°50	2°51	17°51	4°16	18°12	21°30	0° 7	20°D52	19°55	18°44	n.a.	W23
T 24	7 4 5	18° 0'31	4♉30	3°R 2	8°32	3°36	17°45	4°20	18°15	21°28	0° 6	20°53	19°52	18°50	n.a.	T 24
F 25	7 8 2	19° 0'16	18°37	3° 0	8°12	4°22	17°39	4°23	18°18	21°27	0° 5	20°54	19°49	18°57	n.a.	F 25
S 26	7 11 58	19°59'59	2♊41	2°50	7°49	5° 8	17°34	4°26	18°21	21°25	0° 4	20°55	19°46	19° 4	n.a.	S 26
S 27	7 15 55	20°59'40	16°37	2°31	7°24	5°53	17°28	4°30	18°24	21°23	0° 4	20°R56	19°43	19°11	n.a.	S 27
M28	7 19 51	21°59'18	0♋25	2° 4	6°57	6°39	17°23	4°33	18°28	21°22	0° 3	20°56	19°39	19°17	n.a.	M28
T 29	7 23 48	22°58'54	14° 2	1°31	6°28	7°25	17°17	4°36	18°31	21°20	0° 2	20°54	19°36	19°24	n.a.	T 29
W30	7 27 44	23°58'27	27°25	0°51	5°57	8°10	17°12	4°39	18°34	21°18	0° 2	20°51	19°33	19°31	n.a.	W30
T 31	7 31 41	24♑57'59	10♌33	0♒ 6	5♒25	8♐56	17♊ 7	4♏42	18♒37	21♋17	0♊ 1	20♊46	19♊30	19♎37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s50	25n 8	1n19	25 s33	1 s41	17 s23	1n59	17 s 4	0 s 3	24n15	0n41	10 s52	1n54	16 s44	0 s47	22n56	0n52	22n 3	1n25	23n37	23n37	2 s14		n.a.
W 2	23 52	24 59	2 30	25 24	1 36	17 5	2 10	17 18	0 4	24 15	0 41	10 54	1 54	16 43	0 47	22 56	0 52	22 3	1 25	23 37	23 37	2 17		n.a.
T 3	23 53	23 23	3 30	25 13	1 30	16 47	2 21	17 32	0 5	24 15	0 41	10 55	1 54	16 43	0 47	22 56	0 52	22 2	1 25	23 37	23 37	2 20		n.a.
F 4	23 55	20 36	4 18	25 0	1 23	16 29	2 32	17 45	0 6	24 14	0 41	10 57	1 54	16 42	0 47	22 57	0 52	22 2	1 25	23 37	23 37	2 23		n.a.
S 5	23 55	16 54	4 52	24 44	1 16	16 11	2 44	17 59	0 7	24 14	0 41	10 59	1 54	16 41	0 47	22 57	0 52	22 2	1 25	23 37	23 36	2 26		n.a.
S 6	23 56	12 33	5 11	24 26	1 8	15 54	2 55	18 12	0 7	24 13	0 41	11 0	1 54	16 40	0 47	22 57	0 52	22 2	1 25	23 37	23 36	2 29		n.a.
M 7	23 55	7 49	5 17	24 7	0 59	15 37	3 7	18 25	0 8	24 13	0 42	11 2	1 54	16 39	0 47	22 58	0 52	22 2	1 25	23 37	23 36	2 32		n.a.
T 8	23 55	2 50	5 8	23 45	0 49	15 20	3 19	18 38	0 9	24 12	0 42	11 3	1 55	16 39	0 47	22 58	0 52	22 1	1 25	23 37	23 36	2 35		n.a.
W 9	23 53	2 s12	4 46	23 21	0 39	15 4	3 31	18 51	0 10	24 12	0 42	11 5	1 55	16 38	0 47	22 58	0 52	22 1	1 25	23 37	23 35	2 38		n.a.
T 10	23 52	7 10	4 12	22 56	0 28	14 48	3 44	19 4	0 11	24 11	0 42	11 6	1 55	16 37	0 46	22 58	0 52	22 1	1 25	23 37	23 35	2 41		n.a.
F 11	23 50	11 55	3 27	22 29	0 16	14 32	3 56	19 16	0 12	24 11	0 42	11 8	1 55	16 36	0 46	22 59	0 52	22 1	1 25	23 37	23 35	2 44		n.a.
S 12	23 47	16 16	2 33	22 2	0 3	14 17	4 9	19 29	0 12	24 10	0 42	11 9	1 55	16 35	0 46	22 59	0 52	22 1	1 25	23 37	23 35	2 47		n.a.
S 13	23 44	20 1	1 30	21 33	0n10	14 2	4 22	19 41	0 13	24 10	0 42	11 11	1 55	16 34	0 46	22 59	0 52	22 0	1 25	23 37	23 34	2 50		n.a.
M14	23 41	22 56	0 22	21 4	0 24	13 48	4 34	19 53	0 14	24 9	0 42	11 12	1 55	16 33	0 46	22 59	0 52	22 0	1 25	23 37	23 34	2 53		n.a.
T 15	23 37	24 44	0 s49	20 35	0 38	13 34	4 47	20 4	0 15	24 9	0 42	11 13	1 55	16 32	0 46	23 0	0 52	22 0	1 25	23 37	23 34	2 56		n.a.
W16	23 32	25 14	1 58	20 6	0 53	13 21	5 0	20 16	0 16	24 8	0 42	11 15	1 55	16 31	0 46	23 0	0 52	22 0	1 25	23 37	23 34	2 58		n.a.
T 17	23 27	24 17	3 2	19 38	1 8	13 9	5 13	20 27	0 17	24 7	0 43	11 16	1 56	16 31	0 46	23 0	0 52	22 0	1 25	23 37	23 34	3 1		n.a.
F 18	23 22	21 53	3 58	19 10	1 24	12 57	5 26	20 38	0 18	24 7	0 43	11 17	1 56	16 30	0 46	23 1	0 52	22 0	1 25	23 37	23 33	3 4		n.a.
S 19	23 16	18 13	4 40	18 44	1 39	12 46	5 39	20 49	0 18	24 6	0 43	11 18	1 56	16 29	0 46	23 1	0 52	21 59	1 25	23 37	23 33	3 7		n.a.
S 20	23 10	13 30	5 6	18 20	1 55	12 36	5 52	21 0	0 19	24 6	0 43	11 19	1 56	16 28	0 46	23 1	0 52	21 59	1 26	23 37	23 33	3 10		n.a.
M21	23 4	8 2	5 14	17 57	2 10	12 26	6 4	21 10	0 20	24 5	0 43	11 21	1 56	16 27	0 46	23 1	0 52	21 59	1 26	23 36	23 33	3 13		n.a.
T 22	22 57	2 8	5 3	17 37	2 25	12 18	6 17	21 21	0 21	24 5	0 43	11 22	1 56	16 26	0 46	23 2	0 53	21 59	1 26	23 36	23 32	3 16		n.a.
W23	22 49	3n53	4 34	17 19	2 39	12 10	6 29	21 31	0 22	24 4	0 43	11 23	1 56	16 25	0 46	23 2	0 53	21 59	1 26	23 36	23 32	3 19		n.a.
T 24	22 41	9 43	3 48	17 4	2 53	12 3	6 41	21 40	0 23	24 4	0 43	11 24	1 56	16 24	0 46	23 2	0 53	21 59	1 26	23 36	23 32	3 22		n.a.
F 25	22 33	15 2	2 48	16 52	3 6	11 57	6 52	21 50	0 24	24 3	0 43	11 25	1 57	16 23	0 46	23 3	0 53	21 59	1 26	23 36	23 32	3 25		n.a.
S 26	22 24	19 31	1 38	16 43	3 17	11 52	7 3	21 59	0 25	24 3	0 43	11 26	1 57	16 22	0 46	23 3	0 53	21 58	1 26	23 37	23 31	3 28		n.a.
S 27	22 15	22 51	0 24	16 38	3 28	11 48	7 14	22 9	0 25	24 2	0 43	11 27	1 57	16 21	0 46	23 3	0 53	21 58	1 26	23 37	23 31	3 31		n.a.
M28	22 5	24 47	0n52	16 35	3 37	11 45	7 24	22 18	0 26	24 2	0 43	11 28	1 57	16 20	0 46	23 3	0 53	21 58	1 26	23 37	23 31	3 34		n.a.
T 29	21 55	25 12	2 3	16 35	3 44	11 43	7 34	22 26	0 27	24 1	0 43	11 29	1 57	16 19	0 46	23 4	0 53	21 58	1 26	23 36	23 31	3 37		n.a.
W30	21 45	24 8	3 6	16 39	3 50	11 42	7 42	22 35	0 28	24 1	0 43	11 30	1 57	16 18	0 46	23 4	0 53	21 58	1 26	23 36	23 30	3 40		n.a.
T 31	21 s34	21n45	3n58	16 s45	3n53	11 s42	7n51	22 s43	0 s29	24n 1	0n43	11 s30	1n57	16 s17	0 s46	23n 4	0n53	21n58	1n26	23n36	23n30	3 s43		n.a.

Julian Day Number = 983983.5, Delta T = 13h10m27s
Ecliptic obliquity = 23°55'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'28, Lahiri = -31°47'27 Julian Calendar 1 Jan. 2019 BCE == Greg. Calendar 15 Dec. 2020 BCE

The year -2018 astronomical counting style corresponds to year 2019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

FEBRUARY 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 35 38	25♉57'28	23♌25	29°R16	4°R50	9♐42	17°R 2	4♏44	18♒40	21°R15	0°R 0	20°R40	19♊27	19♎44	n.a.	F 1
S 2	7 39 34	26°56'55	6♍ 0	28♉23	4♒15	10°28	16♊58	4°47	18°43	21♋13	29♉59	20♊33	19°23	19°51	n.a.	S 2
S 3	7 43 31	27°56'20	18°20	27°29	3°39	11°13	16°53	4°50	18°47	21°12	29°59	20°27	19°20	19°58	n.a.	S 3
M 4	7 47 27	28°55'43	0♎27	26°34	3° 1	11°59	16°49	4°52	18°50	21°10	29°58	20°22	19°17	20° 4	n.a.	M 4
T 5	7 51 24	29°55'04	12°24	25°39	2°24	12°45	16°44	4°54	18°53	21° 8	29°58	20°19	19°14	20°11	n.a.	T 5
W 6	7 55 20	0♒54'23	24°16	24°46	1°45	13°31	16°40	4°57	18°56	21° 7	29°57	20°17	19°11	20°18	n.a.	W 6
T 7	7 59 17	1°53'40	6♏ 8	23°56	1° 7	14°16	16°37	4°59	19° 0	21° 5	29°57	20°D17	19° 8	20°24	n.a.	T 7
F 8	8 3 13	2°52'55	18° 4	23° 8	0°29	15° 2	16°33	5° 1	19° 3	21° 4	29°56	20°18	19° 4	20°31	n.a.	F 8
S 9	8 7 10	3°52'08	0♐10	22°25	29♉51	15°48	16°29	5° 3	19° 6	21° 2	29°56	20°19	19° 1	20°38	n.a.	S 9
S 10	8 11 6	4°51'19	12°30	21°47	29°15	16°34	16°26	5° 5	19°10	21° 0	29°55	20°21	18°58	20°44	n.a.	S 10
M11	8 15 3	5°50'29	25° 8	21°14	28°39	17°20	16°23	5° 7	19°13	20°59	29°55	20°R21	18°55	20°51	n.a.	M11
T 12	8 19 0	6°49'36	8♉ 7	20°46	28° 4	18° 5	16°20	5° 9	19°16	20°57	29°54	20°19	18°52	20°58	n.a.	T 12
W13	8 22 56	7°48'41	21°29	20°24	27°30	18°51	16°17	5°10	19°20	20°56	29°54	20°16	18°48	21° 5	n.a.	W13
T 14	8 26 53	8°47'44	5♒14	20° 8	26°58	19°37	16°14	5°12	19°23	20°54	29°54	20°10	18°45	21°11	n.a.	T 14
F 15	8 30 49	9°46'45	19°17	19°57	26°28	20°23	16°12	5°13	19°27	20°52	29°53	20° 3	18°42	21°18	n.a.	F 15
S 16	8 34 46	10°45'43	3♓36	19°D52	26° 0	21° 9	16°10	5°15	19°30	20°51	29°53	19°54	18°39	21°25	n.a.	S 16
S 17	8 38 42	11°44'40	18° 3	19°53	25°34	21°54	16° 8	5°16	19°33	20°49	29°53	19°46	18°36	21°31	n.a.	S 17
M18	8 42 39	12°43'33	2♈33	19°59	25°10	22°40	16° 6	5°17	19°37	20°48	29°52	19°39	18°33	21°38	n.a.	M18
T 19	8 46 35	13°42'25	17° 0	20°10	24°48	23°26	16° 4	5°18	19°40	20°46	29°52	19°34	18°29	21°45	n.a.	T 19
W20	8 50 32	14°41'13	1♉19	20°26	24°28	24°12	16° 3	5°19	19°44	20°45	29°52	19°32	18°26	21°51	n.a.	W20
T 21	8 54 28	15°40'00	15°28	20°48	24°11	24°57	16° 2	5°20	19°47	20°43	29°52	19°D31	18°23	21°58	n.a.	T 21
F 22	8 58 25	16°38'44	29°25	21°13	23°56	25°43	16° 0	5°21	19°50	20°42	29°52	19°31	18°20	22° 5	n.a.	F 22
S 23	9 2 22	17°37'25	13♊10	21°44	23°43	26°29	15°59	5°22	19°54	20°40	29°52	19°R32	18°17	22°12	n.a.	S 23
S 24	9 6 18	18°36'05	26°45	22°18	23°33	27°15	15°59	5°22	19°57	20°39	29°51	19°32	18°14	22°18	n.a.	S 24
M25	9 10 15	19°34'42	10♋ 8	22°56	23°26	28° 0	15°58	5°23	20° 1	20°38	29°51	19°30	18°10	22°25	n.a.	M25
T 26	9 14 11	20°33'16	23°20	23°39	23°21	28°46	15°58	5°23	20° 4	20°36	29°51	19°26	18° 7	22°32	n.a.	T 26
W27	9 18 8	21°31'48	6♌20	24°24	23°18	29°32	15°D58	5°24	20° 7	20°35	29°51	19°19	18° 4	22°38	n.a.	W27
T 28	9 22 4	22♒30'18	19♌10	25♉14	23°D18	0♉17	15♊58	5♏24	20♒11	20♋33	29°D51	19♊ 9	18♊ 1	22♎45	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s23	18n19	4n36	16 s53	3n55	11 s43	7n58	22 s51	0 s30	24n 0	0n44	11 s31	1n57	16 s16	0 s46	23n 5	0n53	21n58	1n26	23n35	23n30	3 s46		n.a.
S 2	21 12	14 8	5 1	17 4	3 55	11 44	8 5	22 59	0 31	24 0	0 44	11 32	1 58	16 15	0 46	23 5	0 53	21 58	1 26	23 35	23 30	3 49		n.a.
S 3	21 0	9 27	5 10	17 17	3 53	11 47	8 11	23 6	0 32	23 59	0 44	11 33	1 58	16 14	0 46	23 5	0 53	21 58	1 26	23 35	23 29	3 52		n.a.
M 4	20 47	4 29	5 6	17 32	3 49	11 51	8 15	23 13	0 33	23 59	0 44	11 34	1 58	16 13	0 46	23 5	0 53	21 57	1 26	23 34	23 29	3 55		n.a.
T 5	20 35	0 s36	4 48	17 48	3 43	11 55	8 20	23 20	0 33	23 58	0 44	11 34	1 58	16 12	0 46	23 6	0 53	21 57	1 26	23 34	23 29	3 58		n.a.
W 6	20 22	5 37	4 18	18 5	3 35	12 0	8 23	23 27	0 34	23 58	0 44	11 35	1 58	16 11	0 46	23 6	0 53	21 57	1 26	23 34	23 29	4 1		n.a.
T 7	20 8	10 26	3 37	18 23	3 26	12 6	8 25	23 34	0 35	23 58	0 44	11 35	1 58	16 10	0 46	23 6	0 53	21 57	1 26	23 34	23 28	4 4		n.a.
F 8	19 55	14 54	2 46	18 41	3 16	12 13	8 26	23 40	0 36	23 57	0 44	11 36	1 58	16 8	0 46	23 6	0 53	21 57	1 26	23 34	23 28	4 7		n.a.
S 9	19 41	18 51	1 47	18 59	3 4	12 21	8 26	23 46	0 37	23 57	0 44	11 37	1 59	16 7	0 46	23 7	0 53	21 57	1 26	23 34	23 28	4 10		n.a.
S 10	19 26	22 3	0 42	19 18	2 52	12 29	8 26	23 52	0 38	23 57	0 44	11 37	1 59	16 6	0 46	23 7	0 53	21 57	1 26	23 34	23 27	4 13		n.a.
M11	19 12	24 16	0 s26	19 36	2 39	12 38	8 24	23 57	0 39	23 56	0 44	11 38	1 59	16 5	0 46	23 7	0 53	21 57	1 26	23 34	23 27	4 16		n.a.
T 12	18 57	25 15	1 35	19 54	2 25	12 47	8 21	24 3	0 40	23 56	0 44	11 38	1 59	16 4	0 46	23 7	0 53	21 57	1 26	23 34	23 27	4 19		n.a.
W13	18 41	24 48	2 40	20 11	2 11	12 57	8 18	24 7	0 41	23 56	0 44	11 39	1 59	16 3	0 46	23 8	0 53	21 57	1 26	23 34	23 27	4 22		n.a.
T 14	18 26	22 52	3 38	20 28	1 56	13 7	8 14	24 12	0 42	23 56	0 44	11 39	1 59	16 2	0 46	23 8	0 53	21 57	1 26	23 33	23 26	4 25		n.a.
F 15	18 10	19 30	4 24	20 44	1 42	13 17	8 9	24 17	0 43	23 55	0 44	11 39	1 59	16 1	0 46	23 8	0 53	21 57	1 26	23 33	23 26	4 28		n.a.
S 16	17 53	14 56	4 54	20 59	1 27	13 28	8 3	24 21	0 43	23 55	0 44	11 40	2 0	16 0	0 46	23 8	0 53	21 57	1 27	23 32	23 26	4 31		n.a.
S 17	17 37	9 29	5 6	21 14	1 12	13 39	7 57	24 25	0 44	23 55	0 44	11 40	2 0	15 59	0 46	23 9	0 53	21 57	1 27	23 31	23 26	4 34		n.a.
M18	17 20	3 31	4 59	21 27	0 58	13 50	7 50	24 28	0 45	23 55	0 44	11 40	2 0	15 58	0 46	23 9	0 53	21 57	1 27	23 31	23 25	4 36		n.a.
T 19	17 3	2n38	4 32	21 39	0 44	14 1	7 42	24 32	0 46	23 55	0 44	11 40	2 0	15 57	0 46	23 9	0 53	21 57	1 27	23 30	23 25	4 39		n.a.
W20	16 46	8 36	3 49	21 50	0 30	14 13	7 34	24 35	0 47	23 54	0 44	11 41	2 0	15 55	0 46	23 9	0 53	21 57	1 27	23 30	23 25	4 42		n.a.
T 21	16 28	14 4	2 52	22 0	0 17	14 24	7 26	24 38	0 48	23 54	0 44	11 41	2 0	15 54	0 46	23 10	0 53	21 57	1 27	23 30	23 24	4 45		n.a.
F 22	16 10	18 43	1 46	22 9	0 4	14 35	7 17	24 40	0 49	23 54	0 44	11 41	2 0	15 53	0 46	23 10	0 53	21 57	1 27	23 30	23 24	4 48		n.a.
S 23	15 52	22 17	0 34	22 16	0 s 8	14 47	7 7	24 43	0 50	23 54	0 44	11 41	2 1	15 52	0 46	23 10	0 53	21 57	1 27	23 30	23 24	4 51		n.a.
S 24	15 33	24 32	0n38	22 22	0 20	14 58	6 58	24 45	0 51	23 54	0 44	11 41	2 1	15 51	0 46	23 10	0 53	21 57	1 27	23 30	23 24	4 54		n.a.
M25	15 15	25 19	1 48	22 27	0 32	15 9	6 48	24 46	0 52	23 54	0 44	11 41	2 1	15 50	0 46	23 11	0 53	21 57	1 27	23 30	23 23	4 57		n.a.
T 26	14 56	24 39	2 50	22 31	0 43	15 20	6 37	24 48	0 53	23 54	0 44	11 41	2 1	15 49	0 46	23 11	0 53	21 57	1 27	23 30	23 23	5 0		n.a.
W27	14 37	22 39	3 42	22 33	0 53	15 31	6 27	24 49	0 54	23 54	0 44	11 41	2 1	15 48	0 46	23 11	0 53	21 57	1 27	23 29	23 23	5 3		n.a.
T 28	14 s17	19n31	4n23	22 s34	1 s 3	15 s41	6n16	24 s50	0 s54	23n54	0n44	11 s41	2n 1	15 s47	0 s46	23n11	0n53	21n57	1n27	23n28	23n22	5 s 6		n.a.

Julian Day Number = 984014.5, Delta T = 13h10m25s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'23, Lahiri = -31°47'23 Julian Calendar 1 Feb. 2019 BCE == Greg. Calendar 15 Jan. 2019 BCE

The year -2018 astronomical counting style corresponds to year 2019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

MARCH 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 26 1	23♒28'46	1♍47	26♉ 6	23♉20	1♉ 3	15♊58	5♏24	20♒14	20°R32	29♉51	18°R58	17♊58	22♎52	n.a.	F 1
S 2	9 29 57	24°27'12	14°12	27° 2	23°24	1°49	15°58	5°R24	20°18	20♋31	29°51	18♊46	17°54	22°58	n.a.	S 2
S 3	9 33 54	25°25'36	26°26	28° 0	23°31	2°34	15°59	5°24	20°21	20°30	29°51	18°35	17°51	23° 5	n.a.	S 3
M 4	9 37 50	26°23'58	8♎29	29° 2	23°40	3°20	16° 0	5°24	20°24	20°28	29°51	18°25	17°48	23°12	n.a.	M 4
T 5	9 41 47	27°22'18	20°25	0♒ 6	23°51	4° 5	16° 1	5°23	20°28	20°27	29°51	18°16	17°45	23°19	n.a.	T 5
W 6	9 45 44	28°20'37	2♏16	1°12	24° 4	4°51	16° 2	5°23	20°31	20°26	29°52	18°11	17°42	23°25	n.a.	W 6
T 7	9 49 40	29°18'53	14° 6	2°22	24°19	5°37	16° 3	5°23	20°35	20°25	29°52	18° 8	17°39	23°32	n.a.	T 7
F 8	9 53 37	0♓17'08	26° 1	3°33	24°36	6°22	16° 5	5°22	20°38	20°23	29°52	18°D 7	17°35	23°39	n.a.	F 8
S 9	9 57 33	1°15'21	8♐ 5	4°47	24°55	7° 8	16° 6	5°21	20°41	20°22	29°52	18° 7	17°32	23°45	n.a.	S 9
S 10	10 1 30	2°13'33	20°24	6° 4	25°16	7°53	16° 8	5°21	20°45	20°21	29°52	18°R 7	17°29	23°52	n.a.	S 10
M11	10 5 26	3°11'43	3♉ 2	7°22	25°39	8°39	16°10	5°20	20°48	20°20	29°53	18° 6	17°26	23°59	n.a.	M11
T 12	10 9 23	4° 9'52	16° 5	8°43	26° 3	9°24	16°13	5°19	20°52	20°19	29°53	18° 3	17°23	24° 5	n.a.	T 12
W13	10 13 19	5° 7'58	29°34	10° 5	26°29	10°10	16°15	5°18	20°55	20°18	29°53	17°58	17°20	24°12	n.a.	W13
T 14	10 17 16	6° 6'03	13♒30	11°30	26°57	10°55	16°18	5°17	20°58	20°17	29°54	17°50	17°16	24°19	n.a.	T 14
F 15	10 21 12	7° 4'07	27°52	12°57	27°26	11°41	16°20	5°15	21° 2	20°16	29°54	17°40	17°13	24°26	n.a.	F 15
S 16	10 25 9	8° 2'08	12♓32	14°26	27°57	12°26	16°23	5°14	21° 5	20°15	29°54	17°29	17°10	24°32	n.a.	S 16
S 17	10 29 6	9° 0'08	27°25	15°56	28°29	13°11	16°26	5°13	21° 8	20°14	29°55	17°18	17° 7	24°39	n.a.	S 17
M18	10 33 2	9°58'06	12♈20	17°29	29° 2	13°57	16°30	5°11	21°11	20°13	29°55	17° 8	17° 4	24°46	n.a.	M18
T 19	10 36 59	10°56'01	27° 9	19° 3	29°37	14°42	16°33	5°10	21°15	20°12	29°56	17° 1	17° 0	24°52	n.a.	T 19
W20	10 40 55	11°53'55	11♉45	20°40	0♒13	15°27	16°37	5° 8	21°18	20°11	29°56	16°56	16°57	24°59	n.a.	W20
T 21	10 44 52	12°51'47	26° 3	22°18	0°50	16°12	16°40	5° 6	21°21	20°10	29°57	16°54	16°54	25° 6	n.a.	T 21
F 22	10 48 48	13°49'37	10♊ 3	23°59	1°28	16°57	16°44	5° 4	21°24	20° 9	29°57	16°54	16°51	25°12	n.a.	F 22
S 23	10 52 45	14°47'25	23°43	25°41	2° 8	17°43	16°49	5° 2	21°28	20° 8	29°58	16°53	16°48	25°19	n.a.	S 23
S 24	10 56 41	15°45'11	7♋ 6	27°25	2°48	18°28	16°53	5° 0	21°31	20° 7	29°58	16°53	16°45	25°26	n.a.	S 24
M25	11 0 38	16°42'56	20°13	29°11	3°29	19°13	16°57	4°58	21°34	20° 7	29°59	16°50	16°41	25°32	n.a.	M25
T 26	11 4 34	17°40'38	3♌ 7	0♓59	4°12	19°58	17° 2	4°56	21°37	20° 6	29°59	16°45	16°38	25°39	n.a.	T 26
W27	11 8 31	18°38'19	15°49	2°49	4°55	20°43	17° 7	4°54	21°40	20° 5	0♊ 0	16°36	16°35	25°46	n.a.	W27
T 28	11 12 28	19°35'58	28°20	4°41	5°40	21°28	17°12	4°51	21°43	20° 5	0° 1	16°26	16°32	25°53	n.a.	T 28
F 29	11 16 24	20°33'35	10♍42	6°34	6°25	22°13	17°17	4°49	21°46	20° 4	0° 2	16°13	16°29	25°59	n.a.	F 29
S 30	11 20 21	21°31'11	22°55	8°30	7°11	22°58	17°22	4°46	21°50	20° 3	0° 2	15°59	16°25	26° 6	n.a.	S 30
S 31	11 24 17	22♓28'45	4♎59	10♓27	7♒58	23♉42	17♊27	4♏44	21♒53	20♋ 3	0♊ 3	15♊46	16♊22	26♎13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s58	15n32	4n49	22s33	1s13	15s52	6n 6	24s51	0s55	23n54	0n44	11s41	2n 1	15s45	0s46	23n11	0n53	21n57	1n27	23n27	23n22	5s 9		n.a.
S 2	13 38	10 57	5 1	22 31	1 22	16 2	5 55	24 51	0 56	23 54	0 44	11 41	2 2	15 44	0 46	23 12	0 53	21 57	1 27	23 26	23 22	5 12		n.a.
S 3	13 18	6 1	5 0	22 27	1 30	16 11	5 44	24 51	0 57	23 54	0 44	11 41	2 2	15 43	0 46	23 12	0 53	21 57	1 27	23 25	23 22	5 15		n.a.
M 4	12 58	0 54	4 44	22 22	1 38	16 21	5 33	24 51	0 58	23 54	0 44	11 40	2 2	15 42	0 46	23 12	0 53	21 57	1 27	23 25	23 21	5 18		n.a.
T 5	12 38	4s11	4 17	22 15	1 45	16 30	5 22	24 51	0 59	23 54	0 44	11 40	2 2	15 41	0 46	23 12	0 53	21 57	1 27	23 24	23 21	5 21		n.a.
W 6	12 17	9 6	3 38	22 7	1 52	16 38	5 11	24 50	1 0	23 54	0 44	11 40	2 2	15 40	0 46	23 12	0 53	21 57	1 27	23 23	23 21	5 24		n.a.
T 7	11 57	13 41	2 50	21 57	1 58	16 46	5 0	24 49	1 1	23 54	0 44	11 40	2 2	15 39	0 46	23 13	0 53	21 57	1 27	23 23	23 20	5 27		n.a.
F 8	11 36	17 48	1 55	21 45	2 4	16 54	4 49	24 48	1 2	23 55	0 44	11 39	2 2	15 38	0 46	23 13	0 53	21 57	1 27	23 23	23 20	5 30		n.a.
S 9	11 15	21 14	0 53	21 32	2 9	17 2	4 38	24 46	1 3	23 55	0 44	11 39	2 3	15 37	0 46	23 13	0 53	21 57	1 27	23 23	23 20	5 33		n.a.
S 10	10 54	23 46	0s12	21 17	2 13	17 8	4 27	24 45	1 4	23 55	0 44	11 39	2 3	15 36	0 46	23 13	0 53	21 57	1 27	23 23	23 19	5 36		n.a.
M11	10 32	25 12	1 18	21 0	2 17	17 15	4 16	24 43	1 4	23 55	0 44	11 38	2 3	15 35	0 46	23 13	0 53	21 57	1 27	23 23	23 19	5 39		n.a.
T 12	10 11	25 18	2 22	20 42	2 20	17 21	4 6	24 40	1 5	23 55	0 44	11 38	2 3	15 33	0 46	23 13	0 53	21 57	1 27	23 23	23 19	5 42		n.a.
W13	9 49	23 55	3 21	20 22	2 23	17 26	3 55	24 38	1 6	23 56	0 44	11 37	2 3	15 32	0 46	23 14	0 53	21 58	1 27	23 22	23 19	5 45		n.a.
T 14	9 27	21 4	4 9	20 0	2 25	17 31	3 45	24 35	1 7	23 56	0 44	11 37	2 3	15 31	0 46	23 14	0 53	21 58	1 27	23 21	23 18	5 48		n.a.
F 15	9 6	16 52	4 43	19 37	2 27	17 36	3 34	24 32	1 8	23 56	0 44	11 36	2 3	15 30	0 46	23 14	0 53	21 58	1 27	23 21	23 18	5 51		n.a.
S 16	8 44	11 35	4 59	19 11	2 28	17 40	3 24	24 28	1 9	23 56	0 44	11 36	2 3	15 29	0 46	23 14	0 53	21 58	1 27	23 19	23 18	5 54		n.a.
S 17	8 21	5 34	4 56	18 44	2 28	17 43	3 14	24 25	1 10	23 57	0 44	11 35	2 4	15 28	0 46	23 14	0 53	21 58	1 27	23 18	23 17	5 57		n.a.
M18	7 59	0n48	4 32	18 15	2 28	17 46	3 4	24 21	1 11	23 57	0 44	11 35	2 4	15 27	0 46	23 14	0 53	21 58	1 27	23 17	23 17	6 0		n.a.
T 19	7 37	7 5	3 51	17 45	2 28	17 48	2 55	24 17	1 12	23 57	0 44	11 34	2 4	15 26	0 46	23 14	0 53	21 58	1 27	23 17	23 17	6 3		n.a.
W20	7 14	12 54	2 54	17 12	2 27	17 50	2 45	24 13	1 12	23 58	0 44	11 33	2 4	15 25	0 46	23 15	0 53	21 58	1 28	23 16	23 16	6 6		n.a.
T 21	6 52	17 55	1 48	16 38	2 25	17 51	2 36	24 8	1 13	23 58	0 44	11 33	2 4	15 24	0 46	23 15	0 53	21 58	1 28	23 16	23 16	6 9		n.a.
F 22	6 29	21 49	0 36	16 2	2 23	17 52	2 26	24 3	1 14	23 58	0 44	11 32	2 4	15 23	0 46	23 15	0 53	21 59	1 28	23 16	23 16	6 12		n.a.
S 23	6 6	24 22	0n36	15 24	2 20	17 52	2 17	23 58	1 15	23 59	0 44	11 31	2 4	15 22	0 46	23 15	0 53	21 59	1 28	23 16	23 15	6 15		n.a.
S 24	5 44	25 28	1 45	14 44	2 16	17 51	2 8	23 53	1 16	23 59	0 44	11 30	2 4	15 21	0 46	23 15	0 53	21 59	1 28	23 16	23 15	6 18		n.a.
M25	5 21	25 6	2 46	14 3	2 12	17 50	1 59	23 47	1 17	24 0	0 44	11 29	2 5	15 20	0 46	23 15	0 53	21 59	1 28	23 16	23 15	6 21		n.a.
T 26	4 58	23 23	3 38	13 20	2 8	17 49	1 51	23 41	1 18	24 0	0 44	11 29	2 5	15 19	0 46	23 15	0 53	21 59	1 28	23 15	23 14	6 24		n.a.
W27	4 35	20 31	4 18	12 34	2 2	17 46	1 42	23 35	1 18	24 1	0 44	11 28	2 5	15 18	0 46	23 15	0 53	21 59	1 28	23 14	23 14	6 27		n.a.
T 28	4 12	16 44	4 45	11 48	1 57	17 44	1 34	23 29	1 19	24 1	0 44	11 27	2 5	15 17	0 46	23 15	0 52	22 0	1 28	23 13	23 14	6 30		n.a.
F 29	3 49	12 17	4 58	10 59	1 51	17 40	1 25	23 22	1 20	24 2	0 44	11 26	2 5	15 16	0 46	23 15	0 52	22 0	1 28	23 12	23 13	6 33		n.a.
S 30	3 26	7 24	4 58	10 9	1 44	17 36	1 17	23 15	1 21	24 2	0 44	11 25	2 5	15 15	0 46	23 16	0 52	22 0	1 28	23 10	23 13	6 36		n.a.
S 31	3s 3	2n18	4n43	9s17	1s37	17s32	1n 9	23s 8	1s22	24n 3	0n44	11s24	2n 5	15s14	0s46	23n16	0n52	22n 0	1n28	23n 9	23n13	6s38		n.a.

Julian Day Number = 984042.5, Delta T = 13h10m23s
Ecliptic obliquity = 23°55'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'20, Lahiri = -31°47'19 Julian Calendar 1 March 2019 BCE == Greg. Calendar 12 Feb. 2019 BCE

The year -2018 astronomical counting style corresponds to year 2019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

APRIL 2019 BCE (-2018) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 28 14	23♓26'18	16♎57	12♓27	8♒45	24♉27	17♊33	4°R41	21♒56	20°R 2	0♊ 4	15°R34	16♊19	26♎19	n.a.	M 1
T 2	11 32 10	24°23'49	28°49	14°28	9°34	25°12	17°39	4♏38	21°59	20♋ 2	0° 5	15♊25	16°16	26°26	n.a.	T 2
W 3	11 36 7	25°21'19	10♏38	16°30	10°23	25°57	17°44	4°36	22° 2	20° 1	0° 5	15°18	16°13	26°33	n.a.	W 3
T 4	11 40 3	26°18'49	22°28	18°35	11°13	26°41	17°50	4°33	22° 5	20° 1	0° 6	15°13	16°10	26°39	n.a.	T 4
F 5	11 44 0	27°16'17	4♐22	20°41	12° 3	27°26	17°56	4°30	22° 8	20° 0	0° 7	15°11	16° 6	26°46	n.a.	F 5
S 6	11 47 57	28°13'44	16°25	22°48	12°54	28°11	18° 3	4°27	22°10	20° 0	0° 8	15°D11	16° 3	26°53	n.a.	S 6
S 7	11 51 53	29°11'10	28°42	24°56	13°46	28°55	18° 9	4°24	22°13	20° 0	0° 9	15°R11	16° 0	26°59	n.a.	S 7
M 8	11 55 50	0♈ 8'36	11♉18	27° 6	14°39	29°40	18°16	4°20	22°16	19°59	0°10	15°11	15°57	27° 6	n.a.	M 8
T 9	11 59 46	1° 6'00	24°18	29°16	15°32	0♒24	18°22	4°17	22°19	19°59	0°11	15° 9	15°54	27°13	n.a.	T 9
W10	12 3 43	2° 3'24	7♒46	1♈27	16°25	1° 9	18°29	4°14	22°22	19°59	0°12	15° 5	15°51	27°20	n.a.	W10
T 11	12 7 39	3° 0'46	21°44	3°39	17°19	1°53	18°36	4°10	22°25	19°58	0°13	14°58	15°47	27°26	n.a.	T 11
F 12	12 11 36	3°58'08	6♓ 9	5°50	18°14	2°37	18°43	4° 7	22°27	19°58	0°13	14°49	15°44	27°33	n.a.	F 12
S 13	12 15 32	4°55'28	20°59	8° 1	19° 9	3°22	18°50	4° 3	22°30	19°58	0°15	14°39	15°41	27°40	n.a.	S 13
S 14	12 19 29	5°52'48	6♈ 5	10°12	20° 4	4° 6	18°58	4° 0	22°33	19°58	0°16	14°29	15°38	27°46	n.a.	S 14
M15	12 23 26	6°50'06	21°16	12°22	21° 1	4°50	19° 5	3°56	22°36	19°58	0°17	14°21	15°35	27°53	n.a.	M15
T 16	12 27 22	7°47'24	6♉24	14°31	21°57	5°34	19°13	3°53	22°38	19°58	0°18	14°14	15°31	28° 0	n.a.	T 16
W17	12 31 19	8°44'41	21°17	16°39	22°54	6°18	19°21	3°49	22°41	19°58	0°19	14°10	15°28	28° 6	n.a.	W17
T 18	12 35 15	9°41'56	5♊50	18°45	23°51	7° 2	19°29	3°45	22°43	19°D58	0°20	14° 8	15°25	28°13	n.a.	T 18
F 19	12 39 12	10°39'10	20° 0	20°50	24°49	7°46	19°37	3°41	22°46	19°58	0°21	14°D 8	15°22	28°20	n.a.	F 19
S 20	12 43 8	11°36'24	3♋45	22°53	25°47	8°29	19°45	3°37	22°48	19°58	0°22	14° 8	15°19	28°26	n.a.	S 20
S 21	12 47 5	12°33'36	17° 8	24°54	26°45	9°13	19°53	3°34	22°51	19°58	0°23	14°R 8	15°16	28°33	n.a.	S 21
M22	12 51 1	13°30'47	0♌10	26°52	27°44	9°57	20° 1	3°30	22°53	19°58	0°24	14° 7	15°12	28°40	n.a.	M22
T 23	12 54 58	14°27'57	12°54	28°49	28°44	10°41	20°10	3°26	22°56	19°58	0°26	14° 4	15° 9	28°46	n.a.	T 23
W24	12 58 55	15°25'06	25°25	0♌43	29°43	11°24	20°18	3°22	22°58	19°58	0°27	13°58	15° 6	28°53	n.a.	W24
T 25	13 2 51	16°22'14	7♍43	2°35	0♓43	12° 8	20°27	3°18	23° 1	19°58	0°28	13°50	15° 3	29° 0	n.a.	T 25
F 26	13 6 48	17°19'21	19°53	4°25	1°43	12°51	20°36	3°13	23° 3	19°59	0°29	13°40	15° 0	29° 7	n.a.	F 26
S 27	13 10 44	18°16'27	1♎55	6°12	2°44	13°34	20°45	3° 9	23° 5	19°59	0°31	13°30	14°57	29°13	n.a.	S 27
S 28	13 14 41	19°13'33	13°52	7°56	3°44	14°18	20°53	3° 5	23° 7	19°59	0°32	13°20	14°53	29°20	n.a.	S 28
M29	13 18 37	20°10'38	25°44	9°39	4°46	15° 1	21° 3	3° 1	23°10	19°59	0°33	13°11	14°50	29°27	n.a.	M29
T 30	13 22 34	21♈ 7'43	7♏34	11♉18	5♓47	15♒44	21♊12	2♏57	23♒12	20♋ 0	0♊34	13♊ 4	14♊47	29♎33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s39	2s51	4n17	8s23	1s29	17s27	1n 2	23s 1	1s23	24n 3	0n43	11s23	2n 5	15s13	0s46	23n16	0n52	22n 0	1n28	23n 8	23n12	6s41		n.a.
T 2	2 16	7 52	3 39	7 28	1 21	17 21	0 54	22 54	1 23	24 4	0 43	11 22	2 5	15 12	0 46	23 16	0 52	22 1	1 28	23 7	23 12	6 44		n.a.
W 3	1 53	12 36	2 52	6 32	1 12	17 15	0 47	22 46	1 24	24 4	0 43	11 21	2 5	15 11	0 46	23 16	0 52	22 1	1 28	23 6	23 12	6 47		n.a.
T 4	1 30	16 52	1 57	5 34	1 3	17 8	0 39	22 38	1 25	24 5	0 43	11 20	2 5	15 10	0 46	23 16	0 52	22 1	1 28	23 5	23 11	6 50		n.a.
F 5	1 6	20 31	0 57	4 35	0 53	17 1	0 32	22 30	1 26	24 5	0 43	11 19	2 6	15 9	0 46	23 16	0 52	22 1	1 28	23 5	23 11	6 53		n.a.
S 6	0 43	23 20	0s 7	3 35	0 44	16 53	0 25	22 22	1 27	24 6	0 43	11 18	2 6	15 8	0 46	23 16	0 52	22 1	1 28	23 5	23 11	6 56		n.a.
S 7	0 20	25 6	1 11	2 34	0 34	16 44	0 19	22 13	1 28	24 6	0 43	11 17	2 6	15 7	0 46	23 16	0 52	22 2	1 28	23 5	23 10	6 59		n.a.
M 8	0n 3	25 39	2 14	1 32	0 23	16 35	0 12	22 4	1 28	24 7	0 43	11 15	2 6	15 6	0 46	23 16	0 52	22 2	1 28	23 5	23 10	7 2		n.a.
T 9	0 27	24 50	3 12	0 30	0 13	16 25	0 5	21 55	1 29	24 8	0 43	11 14	2 6	15 5	0 46	23 16	0 52	22 2	1 28	23 5	23 10	7 5		n.a.
W10	0 50	22 34	4 1	0n33	0 2	16 15	0s 1	21 46	1 30	24 8	0 43	11 13	2 6	15 4	0 46	23 16	0 52	22 2	1 28	23 4	23 9	7 8		n.a.
T 11	1 13	18 55	4 38	1 36	0n 8	16 4	0 7	21 37	1 31	24 9	0 43	11 12	2 6	15 3	0 46	23 16	0 52	22 3	1 28	23 4	23 9	7 11		n.a.
F 12	1 36	14 3	4 59	2 39	0 19	15 53	0 13	21 27	1 32	24 9	0 43	11 11	2 6	15 2	0 46	23 16	0 52	22 3	1 28	23 3	23 9	7 14		n.a.
S 13	2 0	8 14	5 0	3 41	0 29	15 41	0 19	21 18	1 32	24 10	0 43	11 9	2 6	15 1	0 46	23 16	0 52	22 3	1 28	23 1	23 8	7 17		n.a.
S 14	2 23	1 50	4 41	4 43	0 39	15 29	0 25	21 8	1 33	24 11	0 43	11 8	2 6	15 1	0 46	23 16	0 52	22 3	1 28	23 0	23 8	7 20		n.a.
M15	2 46	4n44	4 2	5 44	0 49	15 16	0 30	20 58	1 34	24 11	0 43	11 7	2 6	15 0	0 47	23 16	0 52	22 4	1 28	22 59	23 8	7 23		n.a.
T 16	3 9	11 0	3 6	6 44	0 59	15 2	0 36	20 47	1 35	24 12	0 43	11 6	2 6	14 59	0 47	23 16	0 52	22 4	1 28	22 58	23 7	7 26		n.a.
W17	3 32	16 33	1 58	7 43	1 8	14 48	0 41	20 37	1 35	24 12	0 43	11 4	2 6	14 58	0 47	23 16	0 52	22 4	1 28	22 58	23 7	7 29		n.a.
T 18	3 55	21 0	0 44	8 40	1 17	14 34	0 46	20 26	1 36	24 13	0 43	11 3	2 6	14 57	0 47	23 16	0 52	22 4	1 28	22 58	23 7	7 32		n.a.
F 19	4 18	24 4	0n31	9 36	1 25	14 19	0 51	20 16	1 37	24 14	0 43	11 2	2 6	14 56	0 47	23 16	0 52	22 5	1 29	22 58	23 6	7 35		n.a.
S 20	4 41	25 35	1 43	10 30	1 33	14 3	0 56	20 5	1 38	24 14	0 43	11 0	2 6	14 55	0 47	23 16	0 52	22 5	1 29	22 58	23 6	7 38		n.a.
S 21	5 4	25 33	2 47	11 23	1 40	13 47	1 0	19 53	1 38	24 15	0 43	10 59	2 6	14 55	0 47	23 16	0 52	22 5	1 29	22 58	23 6	7 41		n.a.
M22	5 26	24 6	3 40	12 13	1 47	13 31	1 5	19 42	1 39	24 16	0 43	10 57	2 6	14 54	0 47	23 16	0 52	22 6	1 29	22 58	23 5	7 44		n.a.
T 23	5 49	21 27	4 21	13 1	1 53	13 14	1 9	19 31	1 40	24 16	0 43	10 56	2 6	14 53	0 47	23 16	0 52	22 6	1 29	22 57	23 5	7 47		n.a.
W24	6 11	17 50	4 49	13 47	1 58	12 57	1 13	19 19	1 41	24 17	0 43	10 55	2 6	14 52	0 47	23 16	0 52	22 6	1 29	22 56	23 5	7 50		n.a.
T 25	6 34	13 31	5 3	14 32	2 2	12 39	1 18	19 7	1 41	24 18	0 43	10 53	2 6	14 52	0 47	23 16	0 52	22 6	1 29	22 56	23 4	7 53		n.a.
F 26	6 56	8 42	5 3	15 14	2 6	12 21	1 22	18 55	1 42	24 18	0 43	10 52	2 6	14 51	0 47	23 16	0 52	22 7	1 29	22 54	23 4	7 56		n.a.
S 27	7 18	3 38	4 49	15 53	2 10	12 2	1 25	18 43	1 43	24 19	0 43	10 50	2 6	14 50	0 47	23 16	0 52	22 7	1 29	22 53	23 3	7 59		n.a.
S 28	7 40	1s33	4 23	16 31	2 12	11 43	1 29	18 31	1 43	24 20	0 43	10 49	2 6	14 49	0 47	23 16	0 52	22 7	1 29	22 52	23 3	8 2		n.a.
M29	8 2	6 39	3 46	17 6	2 14	11 23	1 33	18 19	1 44	24 20	0 43	10 48	2 6	14 49	0 47	23 16	0 52	22 8	1 29	22 51	23 3	8 5		n.a.
T 30	8n24	11s31	2n58	17n40	2n15	11s 3	1s36	18s 6	1s45	24n21	0n43	10s46	2n 6	14s48	0s47	23n16	0n52	22n 8	1n29	22n50	23n 2	8s 7		n.a.

Julian Day Number = 984073.5, Delta T = 13h10m21s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'15, Lahiri = -31°47'15 Julian Calendar 1 Apr. 2019 BCE == Greg. Calendar 15 March 2019 BCE

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

MAY 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 26 30	22♈ 4'47	19♏24	12♉55	6♓49	16♒27	21♊21	2°R52	23♒14	20♋ 0	0♊36	12°R59	14♊44	29♎40	n.a.	W 1
T 2	13 30 27	23° 1'51	1♐15	14°30	7°51	17°10	21°30	2♏48	23°16	20° 1	0°37	12♊56	14°41	29°47	n.a.	T 2
F 3	13 34 24	23°58'55	13°12	16° 2	8°53	17°53	21°40	2°44	23°18	20° 1	0°38	12°D55	14°37	29°53	n.a.	F 3
S 4	13 38 20	24°55'58	25°17	17°31	9°55	18°36	21°50	2°40	23°20	20° 2	0°40	12°56	14°34	0♏ 0	n.a.	S 4
S 5	13 42 17	25°53'02	7♑36	18°58	10°58	19°18	21°59	2°35	23°22	20° 2	0°41	12°57	14°31	0° 7	n.a.	S 5
M 6	13 46 13	26°50'05	20°11	20°22	12° 1	20° 1	22° 9	2°31	23°24	20° 3	0°43	12°58	14°28	0°13	n.a.	M 6
T 7	13 50 10	27°47'09	3♒ 9	21°43	13° 4	20°44	22°19	2°27	23°26	20° 3	0°44	12°R58	14°25	0°20	n.a.	T 7
W 8	13 54 6	28°44'12	16°32	23° 2	14° 8	21°26	22°29	2°22	23°28	20° 4	0°45	12°57	14°22	0°27	n.a.	W 8
T 9	13 58 3	29°41'16	0♓24	24°18	15°12	22° 8	22°39	2°18	23°30	20° 4	0°47	12°54	14°18	0°33	n.a.	T 9
F 10	14 2 0	0♉38'19	14°43	25°31	16°15	22°51	22°49	2°13	23°31	20° 5	0°48	12°49	14°15	0°40	n.a.	F 10
S 11	14 5 56	1°35'23	29°27	26°41	17°20	23°33	22°59	2° 9	23°33	20° 6	0°50	12°43	14°12	0°47	n.a.	S 11
S 12	14 9 53	2°32'27	14♈31	27°49	18°24	24°15	23°10	2° 5	23°35	20° 7	0°51	12°37	14° 9	0°53	n.a.	S 12
M13	14 13 49	3°29'30	29°44	28°53	19°28	24°57	23°20	2° 0	23°36	20° 7	0°53	12°32	14° 6	1° 0	n.a.	M13
T 14	14 17 46	4°26'34	14♉58	29°55	20°33	25°39	23°31	1°56	23°38	20° 8	0°54	12°28	14° 2	1° 7	n.a.	T 14
W15	14 21 42	5°23'38	0♊ 1	0♊53	21°38	26°21	23°41	1°51	23°40	20° 9	0°56	12°26	13°59	1°14	n.a.	W15
T 16	14 25 39	6°20'42	14°46	1°47	22°43	27° 3	23°52	1°47	23°41	20°10	0°57	12°D25	13°56	1°20	n.a.	T 16
F 17	14 29 36	7°17'45	29° 7	2°39	23°48	27°44	24° 3	1°43	23°43	20°11	0°59	12°26	13°53	1°27	n.a.	F 17
S 18	14 33 32	8°14'49	13♋ 1	3°27	24°54	28°26	24°13	1°38	23°44	20°12	1° 0	12°28	13°50	1°34	n.a.	S 18
S 19	14 37 29	9°11'52	26°30	4°11	25°59	29° 7	24°24	1°34	23°45	20°13	1° 2	12°29	13°47	1°40	n.a.	S 19
M20	14 41 25	10° 8'55	9♌34	4°52	27° 5	29°49	24°35	1°30	23°47	20°14	1° 3	12°R30	13°43	1°47	n.a.	M20
T 21	14 45 22	11° 5'58	22°18	5°28	28°11	0♓30	24°46	1°25	23°48	20°15	1° 5	12°29	13°40	1°54	n.a.	T 21
W22	14 49 18	12° 3'01	4♍44	6° 1	29°17	1°11	24°57	1°21	23°49	20°16	1° 6	12°27	13°37	2° 0	n.a.	W22
T 23	14 53 15	13° 0'04	16°56	6°30	0♈23	1°52	25° 9	1°17	23°50	20°17	1° 8	12°24	13°34	2° 7	n.a.	T 23
F 24	14 57 11	13°57'07	28°59	6°54	1°30	2°33	25°20	1°13	23°52	20°18	1°10	12°20	13°31	2°14	n.a.	F 24
S 25	15 1 8	14°54'11	10♎55	7°14	2°36	3°14	25°31	1° 8	23°53	20°19	1°11	12°15	13°28	2°20	n.a.	S 25
S 26	15 5 5	15°51'14	22°46	7°29	3°43	3°55	25°43	1° 4	23°54	20°20	1°13	12°11	13°24	2°27	n.a.	S 26
M27	15 9 1	16°48'18	4♏36	7°40	4°50	4°35	25°54	1° 0	23°55	20°21	1°14	12° 7	13°21	2°34	n.a.	M27
T 28	15 12 58	17°45'22	16°27	7°46	5°57	5°16	26° 6	0°56	23°56	20°23	1°16	12° 4	13°18	2°40	n.a.	T 28
W29	15 16 54	18°42'27	28°20	7°R47	7° 4	5°56	26°17	0°52	23°57	20°24	1°17	12° 2	13°15	2°47	n.a.	W29
T 30	15 20 51	19°39'32	10♐17	7°43	8°11	6°36	26°29	0°48	23°58	20°25	1°19	12°D 1	13°12	2°54	n.a.	T 30
F 31	15 24 47	20♉36'38	22♐22	7♊35	9♈19	7♓16	26♊40	0♏44	23♒58	20♋26	1♊21	12♊ 1	13♊ 8	3♏ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	8n46	15s58	2n 3	18n11	2n15	10s43	1s39	17s54	1s45	24n21	0n43	10s45	2n 6	14s47	0s47	23n16	0n52	22n 8	1n29	22n49	23n 2	8s10			n.a.
T 2	9 8	19 49	1 3	18 40	2 15	10 22	1 42	17 41	1 46	24 22	0 43	10 43	2 6	14 47	0 47	23 15	0 52	22 9	1 29	22 49	23 2	8 13			n.a.
F 3	9 29	22 52	0s 1	19 6	2 14	10 1	1 45	17 28	1 47	24 23	0 43	10 42	2 6	14 46	0 47	23 15	0 52	22 9	1 29	22 49	23 1	8 16			n.a.
S 4	9 51	24 57	1 6	19 31	2 13	9 40	1 48	17 15	1 47	24 23	0 43	10 40	2 6	14 45	0 47	23 15	0 52	22 9	1 29	22 49	23 1	8 19			n.a.
S 5	10 12	25 51	2 9	19 54	2 10	9 18	1 51	17 2	1 48	24 24	0 43	10 39	2 6	14 45	0 47	23 15	0 52	22 10	1 29	22 49	23 0	8 22			n.a.
M 6	10 33	25 28	3 8	20 14	2 7	8 56	1 53	16 49	1 49	24 24	0 43	10 37	2 6	14 44	0 47	23 15	0 52	22 10	1 29	22 49	23 0	8 25			n.a.
T 7	10 54	23 42	3 58	20 33	2 3	8 33	1 56	16 36	1 49	24 25	0 43	10 36	2 6	14 43	0 47	23 15	0 52	22 10	1 29	22 49	23 0	8 28			n.a.
W 8	11 15	20 36	4 38	20 49	1 59	8 11	1 58	16 22	1 50	24 26	0 43	10 34	2 6	14 43	0 47	23 15	0 52	22 11	1 29	22 49	22 59	8 31			n.a.
T 9	11 35	16 15	5 2	21 4	1 54	7 48	2 0	16 9	1 50	24 26	0 43	10 33	2 6	14 42	0 47	23 15	0 52	22 11	1 29	22 48	22 59	8 34			n.a.
F 10	11 56	10 52	5 9	21 17	1 48	7 24	2 2	15 55	1 51	24 27	0 43	10 31	2 6	14 42	0 47	23 15	0 52	22 11	1 29	22 48	22 59	8 37			n.a.
S 11	12 16	4 44	4 57	21 28	1 42	7 0	2 4	15 42	1 52	24 27	0 43	10 30	2 6	14 41	0 47	23 14	0 52	22 12	1 29	22 47	22 58	8 40			n.a.
S 12	12 36	1n48	4 23	21 37	1 35	6 36	2 6	15 28	1 52	24 28	0 43	10 28	2 6	14 41	0 47	23 14	0 52	22 12	1 29	22 46	22 58	8 43			n.a.
M13	12 56	8 19	3 31	21 44	1 27	6 12	2 8	15 14	1 53	24 29	0 43	10 27	2 6	14 40	0 47	23 14	0 52	22 13	1 30	22 46	22 57	8 46			n.a.
T 14	13 16	14 22	2 24	21 49	1 19	5 48	2 9	15 0	1 53	24 29	0 43	10 25	2 6	14 40	0 47	23 14	0 52	22 13	1 30	22 45	22 57	8 49			n.a.
W15	13 35	19 28	1 7	21 53	1 10	5 23	2 11	14 46	1 54	24 30	0 43	10 24	2 6	14 39	0 48	23 14	0 52	22 13	1 30	22 45	22 57	8 52			n.a.
T 16	13 54	23 15	0n13	21 55	1 0	4 58	2 12	14 32	1 55	24 30	0 43	10 23	2 6	14 39	0 48	23 14	0 52	22 14	1 30	22 45	22 56	8 55			n.a.
F 17	14 14	25 25	1 30	21 56	0 50	4 33	2 13	14 18	1 55	24 31	0 43	10 21	2 6	14 38	0 48	23 14	0 52	22 14	1 30	22 45	22 56	8 58			n.a.
S 18	14 32	25 55	2 39	21 55	0 39	4 7	2 14	14 4	1 56	24 31	0 43	10 20	2 5	14 38	0 48	23 13	0 52	22 14	1 30	22 45	22 55	9 1			n.a.
S 19	14 51	24 50	3 38	21 52	0 28	3 41	2 15	13 49	1 56	24 32	0 43	10 18	2 5	14 37	0 48	23 13	0 52	22 15	1 30	22 45	22 55	9 4			n.a.
M20	15 10	22 26	4 23	21 48	0 16	3 16	2 16	13 35	1 57	24 32	0 43	10 17	2 5	14 37	0 48	23 13	0 52	22 15	1 30	22 45	22 55	9 7			n.a.
T 21	15 28	18 58	4 54	21 43	0 4	2 49	2 17	13 21	1 57	24 33	0 43	10 15	2 5	14 36	0 48	23 13	0 52	22 16	1 30	22 45	22 54	9 9			n.a.
W22	15 46	14 45	5 10	21 36	0s 9	2 23	2 18	13 6	1 58	24 33	0 43	10 14	2 5	14 36	0 48	23 13	0 52	22 16	1 30	22 45	22 54	9 12			n.a.
T 23	16 3	10 1	5 12	21 28	0 23	1 57	2 18	12 52	1 58	24 34	0 43	10 13	2 5	14 36	0 48	23 13	0 52	22 16	1 30	22 45	22 54	9 15			n.a.
F 24	16 21	4 59	5 0	21 18	0 36	1 30	2 19	12 37	1 59	24 34	0 43	10 11	2 5	14 35	0 48	23 12	0 52	22 17	1 30	22 44	22 53	9 18			n.a.
S 25	16 38	0s12	4 35	21 8	0 51	1 4	2 19	12 22	1 59	24 34	0 43	10 10	2 5	14 35	0 48	23 12	0 52	22 17	1 30	22 43	22 53	9 21			n.a.
S 26	16 55	5 21	3 58	20 56	1 5	0 37	2 19	12 8	2 0	24 35	0 43	10 8	2 5	14 35	0 48	23 12	0 52	22 17	1 30	22 43	22 52	9 24			n.a.
M27	17 12	10 19	3 11	20 43	1 20	0 10	2 19	11 53	2 0	24 35	0 43	10 7	2 4	14 34	0 48	23 12	0 52	22 18	1 30	22 42	22 52	9 27			n.a.
T 28	17 28	14 55	2 16	20 29	1 35	0n17	2 19	11 38	2 1	24 36	0 44	10 6	2 4	14 34	0 48	23 12	0 52	22 18	1 30	22 42	22 52	9 30			n.a.
W29	17 44	18 59	1 15	20 15	1 50	0 44	2 19	11 23	2 1	24 36	0 44	10 4	2 4	14 34	0 48	23 11	0 52	22 19	1 30	22 42	22 51	9 33			n.a.
T 30	18 0	22 17	0 10	19 59	2 5	1 11	2 19	11 9	2 2	24 36	0 44	10 3	2 4	14 34	0 48	23 11	0 52	22 19	1 30	22 41	22 51	9 36			n.a.
F 31	18n16	24s39	0s57	19n43	2s20	1n39	2s19	10s54	2s 2	24n37	0n44	10s 2	2n 4	14s33	0s48	23n11	0n52	22n19	1n31	22n41	22n50	9s39			n.a.

Julian Day Number = 984103.5, Delta T = 13h10m19s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'11, Lahiri = -31°47'11 Julian Calendar 1 May 2019 BCE == Greg. Calendar 14 Apr. 2019 BCE

The year -2018 astronomical counting style corresponds to year 2019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

JUNE 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 28 44	21♉33'45	4♋36	7°R22	10♈26	7♓56	26♊52	0°R40	23♒59	20♋28	1♊22	12♊ 2	13♊ 5	3♏ 7	n.a.	S 1
S 2	15 32 41	22°30'52	17° 2	7♊ 4	11°34	8°36	27° 4	0♏36	24° 0	20°29	1°24	12° 4	13° 2	3°14	n.a.	S 2
M 3	15 36 37	23°28'01	29°44	6°42	12°42	9°16	27°16	0°32	24° 1	20°30	1°26	12° 5	12°59	3°20	n.a.	M 3
T 4	15 40 34	24°25'10	12♒44	6°16	13°50	9°56	27°28	0°28	24° 1	20°32	1°27	12° 6	12°56	3°27	n.a.	T 4
W 5	15 44 30	25°22'21	26° 5	5°45	14°58	10°35	27°40	0°24	24° 2	20°33	1°29	12°R 7	12°53	3°34	n.a.	W 5
T 6	15 48 27	26°19'32	9♓50	5°12	16° 6	11°14	27°52	0°21	24° 2	20°35	1°30	12° 6	12°49	3°41	n.a.	T 6
F 7	15 52 23	27°16'44	23°58	4°35	17°14	11°54	28° 4	0°17	24° 3	20°36	1°32	12° 5	12°46	3°47	n.a.	F 7
S 8	15 56 20	28°13'58	8♈28	3°56	18°23	12°33	28°16	0°13	24° 3	20°38	1°34	12° 4	12°43	3°54	n.a.	S 8
S 9	16 0 16	29°11'12	23°16	3°14	19°31	13°12	28°28	0°10	24° 4	20°39	1°35	12° 2	12°40	4° 1	n.a.	S 9
M10	16 4 13	0♊ 8'28	8♉17	2°32	20°40	13°51	28°40	0° 6	24° 4	20°41	1°37	12° 1	12°37	4° 7	n.a.	M10
T 11	16 8 10	1° 5'45	23°21	1°49	21°49	14°29	28°53	0° 3	24° 4	20°42	1°39	12° 0	12°34	4°14	n.a.	T 11
W12	16 12 6	2° 3'02	8♊20	1° 7	22°58	15° 8	29° 5	29♎59	24° 5	20°44	1°40	11°D59	12°30	4°21	n.a.	W12
T 13	16 16 3	3° 0'21	23° 6	0°25	24° 7	15°46	29°17	29°56	24° 5	20°46	1°42	11°59	12°27	4°27	n.a.	T 13
F 14	16 19 59	3°57'41	7♋31	29♉46	25°16	16°24	29°30	29°53	24° 5	20°47	1°44	12° 0	12°24	4°34	n.a.	F 14
S 15	16 23 56	4°55'02	21°33	29° 8	26°25	17° 2	29°42	29°50	24° 5	20°49	1°45	12° 1	12°21	4°41	n.a.	S 15
S 16	16 27 52	5°52'23	5♌ 8	28°35	27°34	17°40	29°54	29°47	24° 5	20°50	1°47	12° 1	12°18	4°47	n.a.	S 16
M17	16 31 49	6°49'45	18°18	28° 5	28°44	18°18	0♋ 7	29°44	24°R 5	20°52	1°49	12° 2	12°14	4°54	n.a.	M17
T 18	16 35 46	7°47'08	1♍ 5	27°39	29°53	18°56	0°20	29°41	24° 5	20°54	1°50	12° 2	12°11	5° 1	n.a.	T 18
W19	16 39 42	8°44'32	13°32	27°19	1♉ 3	19°33	0°32	29°38	24° 5	20°56	1°52	12°R 2	12° 8	5° 7	n.a.	W19
T 20	16 43 39	9°41'57	25°43	27° 4	2°12	20°10	0°45	29°35	24° 5	20°57	1°53	12° 2	12° 5	5°14	n.a.	T 20
F 21	16 47 35	10°39'22	7♎43	26°55	3°22	20°47	0°57	29°32	24° 5	20°59	1°55	12° 2	12° 2	5°21	n.a.	F 21
S 22	16 51 32	11°36'49	19°36	26°D53	4°32	21°24	1°10	29°29	24° 5	21° 1	1°57	12°D 2	11°59	5°27	n.a.	S 22
S 23	16 55 28	12°34'17	1♏26	26°56	5°42	22° 1	1°23	29°27	24° 4	21° 3	1°58	12° 2	11°55	5°34	n.a.	S 23
M24	16 59 25	13°31'46	13°16	27° 7	6°52	22°38	1°36	29°24	24° 4	21° 5	2° 0	12° 2	11°52	5°41	n.a.	M24
T 25	17 3 21	14°29'16	25°10	27°24	8° 2	23°14	1°48	29°22	24° 4	21° 7	2° 2	12° 2	11°49	5°47	n.a.	T 25
W26	17 7 18	15°26'48	7♐10	27°48	9°13	23°50	2° 1	29°19	24° 3	21° 8	2° 3	12°R 2	11°46	5°54	n.a.	W26
T 27	17 11 15	16°24'21	19°18	28°19	10°23	24°26	2°14	29°17	24° 3	21°10	2° 5	12° 2	11°43	6° 1	n.a.	T 27
F 28	17 15 11	17°21'55	1♑36	28°57	11°33	25° 2	2°27	29°15	24° 2	21°12	2° 6	12° 2	11°40	6° 7	n.a.	F 28
S 29	17 19 8	18°19'31	14° 5	29°41	12°44	25°38	2°40	29°13	24° 2	21°14	2° 8	12° 1	11°36	6°14	n.a.	S 29
S 30	17 23 4	19♊17'08	26♑47	0♊33	13♉55	26♓13	2♋52	29♎11	24♒ 1	21♋16	2♊10	12♊ 0	11♊33	6♏21	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n31	25s52	2s 1	19n26	2s35	2n 6	2s18	10s39	2s 3	24n37	0n44	10s 1	2n 4	14s33	0s48	23n11	0n51	22n20	1n31	22n42	22n50	9s42		n.a.
S 2	18 46	25 49	3 1	19 9	2 50	2 34	2 18	10 24	2 3	24 37	0 44	9 59	2 4	14 33	0 48	23 11	0 51	22 20	1 31	22 42	22 50	9 45		n.a.
M 3	19 1	24 26	3 54	18 51	3 4	3 1	2 17	10 9	2 3	24 38	0 44	9 58	2 4	14 33	0 48	23 10	0 51	22 21	1 31	22 42	22 49	9 48		n.a.
T 4	19 16	21 44	4 36	18 33	3 17	3 29	2 16	9 54	2 4	24 38	0 44	9 57	2 3	14 32	0 48	23 10	0 51	22 21	1 31	22 42	22 49	9 51		n.a.
W 5	19 30	17 50	5 4	18 15	3 30	3 56	2 16	9 39	2 4	24 38	0 44	9 56	2 3	14 32	0 48	23 10	0 51	22 21	1 31	22 42	22 48	9 54		n.a.
T 6	19 43	12 54	5 16	17 58	3 42	4 24	2 15	9 24	2 5	24 38	0 44	9 54	2 3	14 32	0 48	23 10	0 51	22 22	1 31	22 42	22 48	9 56		n.a.
F 7	19 57	7 10	5 9	17 41	3 53	4 51	2 14	9 10	2 5	24 39	0 44	9 53	2 3	14 32	0 48	23 9	0 51	22 22	1 31	22 42	22 47	9 59		n.a.
S 8	20 10	0 54	4 43	17 24	4 2	5 19	2 13	8 55	2 5	24 39	0 44	9 52	2 3	14 32	0 48	23 9	0 51	22 23	1 31	22 42	22 47	10 2		n.a.
S 9	20 23	5n32	3 58	17 8	4 11	5 46	2 12	8 40	2 6	24 39	0 44	9 51	2 3	14 32	0 48	23 9	0 51	22 23	1 31	22 42	22 47	10 5		n.a.
M10	20 36	11 47	2 56	16 53	4 18	6 13	2 10	8 25	2 6	24 39	0 44	9 50	2 2	14 32	0 49	23 9	0 51	22 23	1 31	22 41	22 46	10 8		n.a.
T 11	20 48	17 21	1 42	16 39	4 23	6 41	2 9	8 10	2 6	24 39	0 44	9 49	2 2	14 32	0 49	23 8	0 51	22 24	1 31	22 41	22 46	10 11		n.a.
W12	21 0	21 49	0 20	16 27	4 27	7 8	2 8	7 55	2 7	24 39	0 44	9 48	2 2	14 32	0 49	23 8	0 51	22 24	1 31	22 41	22 45	10 14		n.a.
T 13	21 11	24 46	1n 1	16 16	4 29	7 35	2 6	7 40	2 7	24 40	0 44	9 47	2 2	14 32	0 49	23 8	0 51	22 25	1 31	22 41	22 45	10 17		n.a.
F 14	21 22	25 59	2 17	16 8	4 29	8 2	2 5	7 25	2 7	24 40	0 44	9 46	2 2	14 32	0 49	23 8	0 51	22 25	1 31	22 41	22 45	10 20		n.a.
S 15	21 33	25 29	3 22	16 1	4 28	8 29	2 3	7 10	2 8	24 40	0 44	9 45	2 2	14 32	0 49	23 7	0 51	22 25	1 31	22 41	22 44	10 23		n.a.
S 16	21 43	23 28	4 14	15 57	4 25	8 56	2 1	6 56	2 8	24 40	0 44	9 44	2 1	14 32	0 49	23 7	0 51	22 26	1 32	22 41	22 44	10 26		n.a.
M17	21 53	20 15	4 51	15 54	4 20	9 23	2 0	6 41	2 8	24 40	0 44	9 43	2 1	14 32	0 49	23 7	0 51	22 26	1 32	22 42	22 43	10 29		n.a.
T 18	22 3	16 9	5 12	15 55	4 14	9 50	1 58	6 26	2 9	24 40	0 44	9 42	2 1	14 32	0 49	23 7	0 51	22 27	1 32	22 42	22 43	10 32		n.a.
W19	22 12	11 28	5 17	15 57	4 7	10 16	1 56	6 11	2 9	24 40	0 44	9 41	2 1	14 32	0 49	23 6	0 51	22 27	1 32	22 42	22 42	10 34		n.a.
T 20	22 21	6 26	5 8	16 3	3 58	10 42	1 54	5 57	2 9	24 40	0 44	9 40	2 1	14 32	0 49	23 6	0 51	22 28	1 32	22 42	22 42	10 37		n.a.
F 21	22 30	1 15	4 46	16 10	3 48	11 8	1 52	5 42	2 9	24 40	0 44	9 40	2 0	14 32	0 49	23 6	0 51	22 28	1 32	22 42	22 42	10 40		n.a.
S 22	22 38	3s57	4 12	16 20	3 37	11 34	1 50	5 27	2 10	24 40	0 44	9 39	2 0	14 32	0 49	23 5	0 51	22 28	1 32	22 42	22 41	10 43		n.a.
S 23	22 46	8 59	3 27	16 33	3 25	12 0	1 48	5 13	2 10	24 40	0 45	9 38	2 0	14 32	0 49	23 5	0 51	22 29	1 32	22 42	22 41	10 46		n.a.
M24	22 53	13 43	2 33	16 48	3 12	12 26	1 46	4 58	2 10	24 40	0 45	9 37	2 0	14 32	0 49	23 5	0 51	22 29	1 32	22 42	22 40	10 49		n.a.
T 25	23 0	17 57	1 32	17 5	2 58	12 51	1 43	4 44	2 10	24 39	0 45	9 37	2 0	14 33	0 49	23 5	0 51	22 30	1 32	22 42	22 40	10 52		n.a.
W26	23 7	21 30	0 27	17 24	2 44	13 16	1 41	4 29	2 11	24 39	0 45	9 36	1 59	14 33	0 49	23 4	0 51	22 30	1 32	22 42	22 39	10 55		n.a.
T 27	23 13	24 9	0s40	17 46	2 30	13 41	1 39	4 15	2 11	24 39	0 45	9 35	1 59	14 33	0 49	23 4	0 51	22 30	1 32	22 42	22 39	10 58		n.a.
F 28	23 19	25 41	1 46	18 9	2 15	14 5	1 36	4 1	2 11	24 39	0 45	9 35	1 59	14 33	0 49	23 4	0 51	22 31	1 32	22 42	22 38	11 1		n.a.
S 29	23 24	25 57	2 49	18 33	1 59	14 29	1 34	3 46	2 11	24 39	0 45	9 34	1 59	14 33	0 49	23 3	0 51	22 31	1 32	22 41	22 38	11 4		n.a.
S 30	23n29	24s53	3s43	18n59	1s44	14n53	1s31	3s32	2s11	24n39	0n45	9s34	1n58	14s34	0s49	23n 3	0n51	22n32	1n33	22n41	22n38	11s 6		n.a.

Julian Day Number = 984134.5, Delta T = 13h10m17s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'07, Lahiri = -31°47'07 Julian Calendar 1 June 2019 BCE == Greg. Calendar 15 May 2019 BCE

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

JULY 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 27 1	20♊14'48	9♒43	1♊30	15♉ 5	26♓48	3♋ 5	29°R 9	24°R 0	21♋18	2♊11	11°R59	11♊30	6♏27	n.a.	M 1
T 2	17 30 57	21°12'28	22°54	2°34	16°16	27°23	3°18	29♎ 7	24♒ 0	21°20	2°13	11♊58	11°27	6°34	n.a.	T 2
W 3	17 34 54	22°10'11	6♓21	3°44	17°27	27°58	3°31	29° 5	23°59	21°22	2°14	11°58	11°24	6°41	n.a.	W 3
T 4	17 38 51	23° 7'55	20° 4	5° 0	18°38	28°33	3°44	29° 3	23°58	21°24	2°16	11°D57	11°20	6°47	n.a.	T 4
F 5	17 42 47	24° 5'42	4♈ 3	6°22	19°49	29° 7	3°57	29° 2	23°57	21°26	2°17	11°57	11°17	6°54	n.a.	F 5
S 6	17 46 44	25° 3'30	18°19	7°48	21° 0	29°42	4°10	29° 0	23°56	21°28	2°19	11°58	11°14	7° 1	n.a.	S 6
S 7	17 50 40	26° 1'20	2♉47	9°20	22°12	0♈16	4°23	28°59	23°55	21°30	2°20	11°59	11°11	7° 7	n.a.	S 7
M 8	17 54 37	26°59'13	17°25	10°56	23°23	0°49	4°36	28°57	23°54	21°32	2°22	12° 0	11° 8	7°14	n.a.	M 8
T 9	17 58 33	27°57'07	2♊ 8	12°36	24°34	1°23	4°49	28°56	23°53	21°34	2°23	12° 1	11° 5	7°21	n.a.	T 9
W10	18 2 30	28°55'03	16°49	14°19	25°46	1°56	5° 2	28°55	23°52	21°36	2°25	12°R 1	11° 1	7°27	n.a.	W10
T 11	18 6 26	29°53'01	1♋22	16° 6	26°58	2°29	5°16	28°54	23°51	21°38	2°26	12° 0	10°58	7°34	n.a.	T 11
F 12	18 10 23	0♋51'01	15°40	17°56	28° 9	3° 2	5°29	28°53	23°50	21°41	2°28	11°59	10°55	7°41	n.a.	F 12
S 13	18 14 20	1°49'02	29°39	19°48	29°21	3°35	5°42	28°52	23°49	21°43	2°29	11°56	10°52	7°47	n.a.	S 13
S 14	18 18 16	2°47'05	13♌16	21°41	0♊33	4° 7	5°55	28°51	23°47	21°45	2°31	11°53	10°49	7°54	n.a.	S 14
M15	18 22 13	3°45'10	26°29	23°37	1°45	4°39	6° 8	28°51	23°46	21°47	2°32	11°50	10°46	8° 1	n.a.	M15
T 16	18 26 9	4°43'16	9♍18	25°33	2°57	5°11	6°21	28°50	23°45	21°49	2°34	11°48	10°42	8° 7	n.a.	T 16
W17	18 30 6	5°41'24	21°48	27°30	4° 9	5°43	6°34	28°49	23°43	21°51	2°35	11°46	10°39	8°14	n.a.	W17
T 18	18 34 2	6°39'33	4♎ 0	29°27	5°21	6°14	6°47	28°49	23°42	21°53	2°37	11°D45	10°36	8°21	n.a.	T 18
F 19	18 37 59	7°37'44	16° 0	1♋25	6°33	6°45	7° 0	28°49	23°41	21°56	2°38	11°45	10°33	8°27	n.a.	F 19
S 20	18 41 55	8°35'57	27°52	3°23	7°45	7°15	7°13	28°49	23°39	21°58	2°39	11°46	10°30	8°34	n.a.	S 20
S 21	18 45 52	9°34'11	9♏42	5°20	8°58	7°46	7°27	28°48	23°38	22° 0	2°41	11°48	10°26	8°41	n.a.	S 21
M22	18 49 48	10°32'28	21°34	7°17	10°10	8°16	7°40	28°D48	23°36	22° 2	2°42	11°50	10°23	8°47	n.a.	M22
T 23	18 53 45	11°30'46	3♐31	9°13	11°23	8°46	7°53	28°49	23°34	22° 4	2°43	11°51	10°20	8°54	n.a.	T 23
W24	18 57 42	12°29'06	15°38	11° 9	12°35	9°15	8° 6	28°49	23°33	22° 7	2°45	11°R51	10°17	9° 1	n.a.	W24
T 25	19 1 38	13°27'27	27°58	13° 4	13°48	9°45	8°19	28°49	23°31	22° 9	2°46	11°50	10°14	9° 7	n.a.	T 25
F 26	19 5 35	14°25'51	10♑32	14°58	15° 0	10°14	8°32	28°49	23°29	22°11	2°47	11°47	10°11	9°14	n.a.	F 26
S 27	19 9 31	15°24'17	23°21	16°50	16°13	10°42	8°45	28°50	23°28	22°13	2°49	11°43	10° 7	9°21	n.a.	S 27
S 28	19 13 28	16°22'45	6♒25	18°42	17°26	11°10	8°58	28°50	23°26	22°15	2°50	11°38	10° 4	9°27	n.a.	S 28
M29	19 17 24	17°21'15	19°44	20°33	18°39	11°38	9°11	28°51	23°24	22°18	2°51	11°32	10° 1	9°34	n.a.	M29
T 30	19 21 21	18°19'47	3♓15	22°23	19°52	12° 6	9°24	28°52	23°22	22°20	2°52	11°26	9°58	9°41	n.a.	T 30
W31	19 25 17	19♋18'22	16♓57	24♋12	21♊ 5	12♈33	9♋37	28♎53	23♒20	22♋22	2♊54	11♊22	9♊55	9♏47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	23n34	22s28	4s28	19n26	1s29	15n17	1s29	3s18	2s12	24n38	0n45	9s33	1n58	14s34	0s49	23n 3	0n51	22n32	1n33	22n41		22n37		11s 9			n.a.
T 2	23 38	18 52	4 59	19 54	1 14	15 40	1 26	3 4	2 12	24 38	0 45	9 33	1 58	14 34	0 49	23 2	0 51	22 32	1 33	22 41		22 37		11 12			n.a.
W 3	23 41	14 14	5 15	20 22	0 59	16 3	1 24	2 50	2 12	24 38	0 45	9 32	1 58	14 34	0 49	23 2	0 51	22 33	1 33	22 41		22 36		11 15			n.a.
T 4	23 45	8 48	5 14	20 51	0 44	16 26	1 21	2 36	2 12	24 38	0 45	9 32	1 58	14 35	0 49	23 2	0 51	22 33	1 33	22 41		22 36		11 18			n.a.
F 5	23 47	2 50	4 54	21 19	0 30	16 48	1 18	2 22	2 12	24 37	0 45	9 32	1 57	14 35	0 50	23 1	0 51	22 34	1 33	22 41		22 35		11 21			n.a.
S 6	23 50	3n24	4 15	21 48	0 16	17 10	1 16	2 8	2 12	24 37	0 45	9 31	1 57	14 35	0 50	23 1	0 51	22 34	1 33	22 41		22 35		11 24			n.a.
S 7	23 52	9 33	3 20	22 15	0 3	17 31	1 13	1 55	2 12	24 36	0 45	9 31	1 57	14 36	0 50	23 1	0 51	22 34	1 33	22 41		22 34		11 27			n.a.
M 8	23 53	15 16	2 12	22 42	0n10	17 52	1 10	1 41	2 13	24 36	0 45	9 31	1 57	14 36	0 50	23 0	0 51	22 35	1 33	22 41		22 34		11 30			n.a.
T 9	23 55	20 7	0 54	23 8	0 22	18 13	1 7	1 28	2 13	24 36	0 46	9 30	1 56	14 37	0 50	23 0	0 51	22 35	1 33	22 41		22 34		11 32			n.a.
W10	23 55	23 42	0n27	23 32	0 34	18 33	1 4	1 14	2 13	24 35	0 46	9 30	1 56	14 37	0 50	23 0	0 51	22 35	1 33	22 41		22 33		11 35			n.a.
T 11	23 56	25 40	1 45	23 55	0 44	18 53	1 1	1 1	2 13	24 35	0 46	9 30	1 56	14 37	0 50	22 59	0 51	22 36	1 33	22 41		22 33		11 38			n.a.
F 12	23 55	25 53	2 55	24 16	0 54	19 12	0 59	0 48	2 13	24 34	0 46	9 30	1 56	14 38	0 50	22 59	0 51	22 36	1 34	22 41		22 32		11 41			n.a.
S 13	23 55	24 26	3 53	24 34	1 3	19 31	0 56	0 34	2 13	24 34	0 46	9 30	1 55	14 38	0 50	22 59	0 51	22 37	1 34	22 41		22 32		11 44			n.a.
S 14	23 54	21 35	4 37	24 50	1 11	19 49	0 53	0 21	2 13	24 33	0 46	9 30	1 55	14 39	0 50	22 58	0 51	22 37	1 34	22 40		22 31		11 47			n.a.
M15	23 52	17 41	5 4	25 4	1 18	20 7	0 50	0 8	2 13	24 33	0 46	9 30	1 55	14 39	0 50	22 58	0 51	22 37	1 34	22 40		22 31		11 50			n.a.
T 16	23 50	13 4	5 14	25 16	1 25	20 24	0 47	0n 4	2 13	24 32	0 46	9 30	1 55	14 40	0 50	22 58	0 51	22 38	1 34	22 40		22 30		11 53			n.a.
W17	23 48	8 3	5 10	25 25	1 30	20 41	0 44	0 17	2 13	24 32	0 46	9 30	1 54	14 40	0 50	22 57	0 51	22 38	1 34	22 39		22 30		11 56			n.a.
T 18	23 45	2 49	4 51	25 31	1 35	20 57	0 41	0 30	2 13	24 31	0 46	9 30	1 54	14 41	0 50	22 57	0 51	22 39	1 34	22 39		22 29		11 58			n.a.
F 19	23 42	2s25	4 20	25 34	1 39	21 13	0 38	0 42	2 13	24 30	0 46	9 30	1 54	14 41	0 50	22 57	0 51	22 39	1 34	22 39		22 29		12 1			n.a.
S 20	23 38	7 32	3 38	25 35	1 42	21 28	0 35	0 55	2 13	24 30	0 46	9 30	1 54	14 42	0 50	22 56	0 51	22 39	1 34	22 39		22 29		12 4			n.a.
S 21	23 34	12 22	2 47	25 34	1 45	21 43	0 32	1 7	2 13	24 29	0 47	9 30	1 54	14 42	0 50	22 56	0 51	22 40	1 34	22 40		22 28		12 7			n.a.
M22	23 30	16 46	1 49	25 30	1 47	21 57	0 29	1 19	2 13	24 29	0 47	9 31	1 53	14 43	0 50	22 56	0 51	22 40	1 34	22 40		22 28		12 10			n.a.
T 23	23 25	20 32	0 46	25 24	1 48	22 10	0 26	1 31	2 13	24 28	0 47	9 31	1 53	14 43	0 50	22 55	0 51	22 40	1 34	22 40		22 27		12 13			n.a.
W24	23 20	23 29	0s21	25 15	1 48	22 23	0 23	1 43	2 13	24 27	0 47	9 31	1 53	14 44	0 50	22 55	0 51	22 41	1 35	22 40		22 27		12 16			n.a.
T 25	23 14	25 22	1 27	25 4	1 48	22 35	0 20	1 55	2 13	24 26	0 47	9 31	1 53	14 44	0 50	22 54	0 51	22 41	1 35	22 40		22 26		12 18			n.a.
F 26	23 8	26 0	2 30	24 51	1 48	22 47	0 17	2 6	2 13	24 26	0 47	9 32	1 52	14 45	0 50	22 54	0 51	22 41	1 35	22 40		22 26		12 21			n.a.
S 27	23 1	25 16	3 27	24 36	1 46	22 58	0 14	2 18	2 12	24 25	0 47	9 32	1 52	14 46	0 50	22 54	0 51	22 42	1 35	22 39		22 25		12 24			n.a.
S 28	22 54	23 9	4 14	24 19	1 45	23 8	0 11	2 29	2 12	24 24	0 47	9 33	1 52	14 46	0 50	22 53	0 51	22 42	1 35	22 38		22 25		12 27			n.a.
M29	22 46	19 45	4 49	24 0	1 42	23 17	0 8	2 40	2 12	24 23	0 47	9 33	1 52	14 47	0 50	22 53	0 51	22 42	1 35	22 37		22 24		12 30			n.a.
T 30	22 39	15 17	5 7	23 40	1 40	23 26	0 6	2 51	2 12	24 22	0 47	9 34	1 51	14 48	0 50	22 53	0 51	22 43	1 35	22 37		22 24		12 33			n.a.
W31	22n30	9s59	5s 9	23n18	1n37	23n35	0s 3	3n 2	2s12	24n22	0n47	9s34	1n51	14s48	0s50	22n52	0n51	22n43	1n35	22n36		22n23		12s36			n.a.

Julian Day Number = 984164.5, Delta T = 13h10m15s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°54'03, Lahiri = -31°47'03 Julian Calendar 1 July 2019 BCE == Greg. Calendar 14 June 2019 BCE

The year -2018 astronomical counting style corresponds to year 2019 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

AUGUST 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 29 14	20♋16'58	0♈50	26♋ 0	22♊18	13♈ 0	9♋50	28♎54	23°R18	22♋24	2♊55	11°R18	9♊51	9♏54	n.a.	T 1
F 2	19 33 11	21°15'38	14°50	27°46	23°31	13°27	10° 3	28°55	23♒16	22°27	2°56	11♊17	9°48	10° 1	n.a.	F 2
S 3	19 37 7	22°14'19	28°57	29°32	24°45	13°53	10°16	28°56	23°15	22°29	2°57	11°D17	9°45	10° 7	n.a.	S 3
S 4	19 41 4	23°13'03	13♉ 9	1♌17	25°58	14°19	10°29	28°57	23°13	22°31	2°58	11°18	9°42	10°14	n.a.	S 4
M 5	19 45 0	24°11'50	27°25	3° 0	27°11	14°44	10°42	28°58	23°10	22°33	2°59	11°19	9°39	10°21	n.a.	M 5
T 6	19 48 57	25°10'39	11♊42	4°43	28°25	15° 9	10°55	29° 0	23° 8	22°35	3° 1	11°R20	9°36	10°27	n.a.	T 6
W 7	19 52 53	26° 9'31	25°57	6°24	29°38	15°34	11° 8	29° 1	23° 6	22°38	3° 2	11°19	9°32	10°34	n.a.	W 7
T 8	19 56 50	27° 8'25	10♋ 6	8° 5	0♋52	15°58	11°21	29° 3	23° 4	22°40	3° 3	11°16	9°29	10°41	n.a.	T 8
F 9	20 0 46	28° 7'21	24° 6	9°44	2° 6	16°22	11°34	29° 5	23° 2	22°42	3° 4	11°11	9°26	10°47	n.a.	F 9
S 10	20 4 43	29° 6'19	7♌51	11°23	3°19	16°45	11°46	29° 7	23° 0	22°44	3° 5	11° 3	9°23	10°54	n.a.	S 10
S 11	20 8 40	0♌ 5'20	21°19	13° 0	4°33	17° 8	11°59	29° 8	22°58	22°47	3° 6	10°55	9°20	11° 1	n.a.	S 11
M12	20 12 36	1° 4'22	4♍27	14°37	5°47	17°30	12°12	29°10	22°56	22°49	3° 7	10°46	9°17	11° 7	n.a.	M12
T 13	20 16 33	2° 3'27	17°15	16°13	7° 1	17°52	12°25	29°13	22°53	22°51	3° 8	10°38	9°13	11°14	n.a.	T 13
W14	20 20 29	3° 2'33	29°44	17°48	8°15	18°13	12°37	29°15	22°51	22°53	3° 9	10°31	9°10	11°21	n.a.	W14
T 15	20 24 26	4° 1'42	11♎56	19°22	9°29	18°34	12°50	29°17	22°49	22°55	3°10	10°27	9° 7	11°27	n.a.	T 15
F 16	20 28 22	5° 0'52	23°56	20°55	10°43	18°55	13° 3	29°19	22°47	22°58	3°11	10°24	9° 4	11°34	n.a.	F 16
S 17	20 32 19	6° 0'05	5♏48	22°27	11°57	19°15	13°15	29°22	22°44	23° 0	3°11	10°D23	9° 1	11°41	n.a.	S 17
S 18	20 36 15	6°59'19	17°37	23°58	13°11	19°34	13°28	29°24	22°42	23° 2	3°12	10°24	8°57	11°47	n.a.	S 18
M19	20 40 12	7°58'35	29°29	25°29	14°25	19°53	13°40	29°27	22°40	23° 4	3°13	10°25	8°54	11°54	n.a.	M19
T 20	20 44 8	8°57'54	11♐28	26°58	15°39	20°12	13°53	29°30	22°37	23° 6	3°14	10°R25	8°51	12° 1	n.a.	T 20
W21	20 48 5	9°57'14	23°40	28°27	16°54	20°30	14° 5	29°33	22°35	23° 9	3°15	10°24	8°48	12° 7	n.a.	W21
T 22	20 52 1	10°56'37	6♑ 8	29°54	18° 8	20°47	14°18	29°36	22°32	23°11	3°16	10°21	8°45	12°14	n.a.	T 22
F 23	20 55 58	11°56'01	18°56	1♍21	19°22	21° 4	14°30	29°39	22°30	23°13	3°16	10°15	8°42	12°21	n.a.	F 23
S 24	20 59 55	12°55'28	2♒ 4	2°47	20°37	21°20	14°42	29°42	22°28	23°15	3°17	10° 7	8°38	12°27	n.a.	S 24
S 25	21 3 51	13°54'56	15°31	4°12	21°51	21°36	14°55	29°45	22°25	23°17	3°18	9°57	8°35	12°34	n.a.	S 25
M26	21 7 48	14°54'27	29°16	5°36	23° 6	21°51	15° 7	29°48	22°23	23°19	3°18	9°47	8°32	12°41	n.a.	M26
T 27	21 11 44	15°54'00	13♓14	7° 0	24°20	22° 5	15°19	29°51	22°20	23°21	3°19	9°36	8°29	12°47	n.a.	T 27
W28	21 15 41	16°53'36	27°22	8°22	25°35	22°19	15°31	29°55	22°18	23°23	3°20	9°27	8°26	12°54	n.a.	W28
T 29	21 19 37	17°53'14	11♈34	9°43	26°50	22°32	15°43	29°58	22°16	23°25	3°20	9°20	8°23	13° 1	n.a.	T 29
F 30	21 23 34	18°52'54	25°47	11° 2	28° 4	22°45	15°55	0♏ 2	22°13	23°28	3°21	9°15	8°19	13° 7	n.a.	F 30
S 31	21 27 30	19♌52'37	9♉57	12♍21	29♋19	22♈57	16♋ 7	0♏ 6	22♒11	23♋30	3♊21	9♊13	8♊16	13♏14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22n22	4s 8	4s53	22n54	1n33	23n42	0n 0	3n13	2s12	24n21	0n48	9s35	1n51	14s49	0s50	22n52	0n51	22n43	1n35	22n36	22n23	12s38			n.a.
F 2	22 12	1n59	4 19	22 29	1 29	23 49	0 3	3 24	2 12	24 20	0 48	9 35	1 51	14 50	0 50	22 52	0 51	22 44	1 35	22 35	22 22	12 41			n.a.
S 3	22 3	8 4	3 30	22 3	1 25	23 55	0 6	3 34	2 11	24 19	0 48	9 36	1 50	14 50	0 50	22 51	0 51	22 44	1 36	22 35	22 22	12 44			n.a.
S 4	21 53	13 46	2 27	21 36	1 21	24 1	0 9	3 45	2 11	24 18	0 48	9 37	1 50	14 51	0 50	22 51	0 51	22 44	1 36	22 35	22 21	12 47			n.a.
M 5	21 43	18 46	1 15	21 7	1 16	24 5	0 12	3 55	2 11	24 17	0 48	9 37	1 50	14 52	0 50	22 51	0 51	22 45	1 36	22 36	22 21	12 50			n.a.
T 6	21 32	22 41	0n 2	20 37	1 11	24 9	0 14	4 5	2 11	24 16	0 48	9 38	1 50	14 52	0 50	22 50	0 51	22 45	1 36	22 36	22 20	12 53			n.a.
W 7	21 21	25 10	1 18	20 7	1 6	24 13	0 17	4 15	2 10	24 15	0 48	9 39	1 49	14 53	0 51	22 50	0 51	22 45	1 36	22 36	22 20	12 56			n.a.
T 8	21 9	26 1	2 29	19 35	1 0	24 15	0 20	4 25	2 10	24 14	0 48	9 40	1 49	14 54	0 51	22 49	0 51	22 46	1 36	22 35	22 19	12 58			n.a.
F 9	20 57	25 10	3 30	19 3	0 54	24 17	0 22	4 34	2 10	24 13	0 48	9 40	1 49	14 55	0 51	22 49	0 51	22 46	1 36	22 34	22 19	13 1			n.a.
S 10	20 45	22 49	4 17	18 29	0 48	24 18	0 25	4 43	2 9	24 12	0 49	9 41	1 49	14 55	0 51	22 49	0 52	22 46	1 36	22 33	22 19	13 4			n.a.
S 11	20 33	19 14	4 49	17 55	0 42	24 18	0 28	4 53	2 9	24 11	0 49	9 42	1 48	14 56	0 51	22 48	0 52	22 47	1 36	22 32	22 18	13 7			n.a.
M12	20 20	14 47	5 5	17 21	0 36	24 18	0 30	5 2	2 9	24 10	0 49	9 43	1 48	14 57	0 51	22 48	0 52	22 47	1 36	22 31	22 18	13 10			n.a.
T 13	20 6	9 48	5 5	16 46	0 29	24 17	0 33	5 11	2 8	24 9	0 49	9 44	1 48	14 58	0 51	22 48	0 52	22 47	1 37	22 30	22 17	13 13			n.a.
W14	19 53	4 32	4 50	16 10	0 23	24 15	0 35	5 19	2 8	24 8	0 49	9 45	1 48	14 58	0 51	22 47	0 52	22 48	1 37	22 29	22 17	13 15			n.a.
T 15	19 38	0s48	4 22	15 34	0 16	24 12	0 38	5 28	2 8	24 7	0 49	9 46	1 48	14 59	0 51	22 47	0 52	22 48	1 37	22 28	22 16	13 18			n.a.
F 16	19 24	6 1	3 43	14 57	0 9	24 9	0 40	5 36	2 7	24 5	0 49	9 47	1 47	15 0	0 51	22 47	0 52	22 48	1 37	22 28	22 16	13 21			n.a.
S 17	19 9	10 59	2 55	14 20	0 2	24 5	0 42	5 44	2 7	24 4	0 49	9 48	1 47	15 1	0 51	22 46	0 52	22 48	1 37	22 28	22 15	13 24			n.a.
S 18	18 54	15 32	1 59	13 43	0s 5	24 0	0 45	5 52	2 6	24 3	0 50	9 50	1 47	15 1	0 51	22 46	0 52	22 49	1 37	22 28	22 15	13 27			n.a.
M19	18 39	19 30	0 58	13 6	0 12	23 54	0 47	6 0	2 6	24 2	0 50	9 51	1 47	15 2	0 51	22 45	0 52	22 49	1 37	22 28	22 14	13 29			n.a.
T 20	18 23	22 42	0s 6	12 28	0 20	23 48	0 49	6 7	2 5	24 1	0 50	9 52	1 46	15 3	0 51	22 45	0 52	22 49	1 37	22 28	22 14	13 32			n.a.
W21	18 7	24 57	1 10	11 50	0 27	23 41	0 51	6 14	2 5	24 0	0 50	9 53	1 46	15 4	0 51	22 45	0 52	22 49	1 37	22 28	22 13	13 35			n.a.
T 22	17 50	26 0	2 13	11 12	0 34	23 33	0 53	6 22	2 4	23 58	0 50	9 54	1 46	15 5	0 51	22 44	0 52	22 50	1 37	22 27	22 13	13 38			n.a.
F 23	17 34	25 42	3 10	10 34	0 42	23 25	0 55	6 28	2 4	23 57	0 50	9 56	1 46	15 5	0 51	22 44	0 52	22 50	1 38	22 26	22 12	13 41			n.a.
S 24	17 17	23 59	3 59	9 56	0 49	23 15	0 57	6 35	2 3	23 56	0 50	9 57	1 45	15 6	0 51	22 44	0 52	22 50	1 38	22 25	22 12	13 44			n.a.
S 25	16 59	20 53	4 36	9 18	0 56	23 5	0 59	6 42	2 3	23 55	0 51	9 58	1 45	15 7	0 51	22 43	0 52	22 50	1 38	22 24	22 11	13 46			n.a.
M26	16 42	16 36	4 58	8 39	1 4	22 55	1 1	6 48	2 2	23 53	0 51	10 0	1 45	15 8	0 51	22 43	0 52	22 51	1 38	22 22	22 11	13 49			n.a.
T 27	16 24	11 21	5 2	8 1	1 11	22 43	1 3	6 54	2 1	23 52	0 51	10 1	1 45	15 9	0 51	22 43	0 52	22 51	1 38	22 21	22 10	13 52			n.a.
W28	16 5	5 28	4 48	7 24	1 18	22 31	1 5	7 0	2 1	23 51	0 51	10 3	1 45	15 10	0 51	22 42	0 52	22 51	1 38	22 19	22 10	13 55			n.a.
T 29	15 47	0n44	4 17	6 46	1 26	22 18	1 7	7 6	2 0	23 50	0 51	10 4	1 44	15 10	0 51	22 42	0 52	22 51	1 38	22 18	22 9	13 58			n.a.
F 30	15 28	6 55	3 29	6 9	1 33	22 5	1 8	7 11	1 59	23 48	0 51	10 5	1 44	15 11	0 51	22 42	0 52	22 52	1 38	22 17	22 8	14 0			n.a.
S 31	15n 9	12n45	2s29	5n32	1s40	21n51	1n10	7n16	1s58	23n47	0n52	10s 7	1n44	15s12	0s51	22n41	0n52	22n52	1n38	22n17	22n 8	14s 3			n.a.

Julian Day Number = 984195.5, Delta T = 13h10m13s
Ecliptic obliquity = 23°55'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'59, Lahiri = -31°46'58 Julian Calendar 1 Aug. 2019 BCE == Greg. Calendar 15 July 2019 BCE

The year -2018 astronomical counting style corresponds to year 2019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

SEPTEMBER 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 31 27	20♌52'22	24♉ 4	13♍39	0♌34	23♈ 8	16♋19	0♏ 9	22°R 8	23♋32	3♊22	9°D13	8♊13	13♏21	n.a.	S 1
M 2	21 35 23	21°52'09	8♊ 6	14°55	1°49	23°18	16°31	0°13	22♒ 6	23°34	3°23	9°R13	8°10	13°27	n.a.	M 2
T 3	21 39 20	22°52'00	22° 2	16° 9	3° 4	23°28	16°42	0°17	22° 3	23°36	3°23	9♊12	8° 7	13°34	n.a.	T 3
W 4	21 43 17	23°51'53	5♋53	17°22	4°18	23°37	16°54	0°21	22° 1	23°38	3°23	9°10	8° 3	13°41	n.a.	W 4
T 5	21 47 13	24°51'48	19°36	18°34	5°33	23°45	17° 6	0°25	21°58	23°40	3°24	9° 5	8° 0	13°47	n.a.	T 5
F 6	21 51 10	25°51'45	3♌10	19°43	6°48	23°53	17°17	0°29	21°56	23°42	3°24	8°56	7°57	13°54	n.a.	F 6
S 7	21 55 6	26°51'44	16°34	20°51	8° 3	24° 0	17°29	0°34	21°54	23°44	3°25	8°46	7°54	14° 1	n.a.	S 7
S 8	21 59 3	27°51'46	29°44	21°56	9°19	24° 6	17°40	0°38	21°51	23°46	3°25	8°33	7°51	14° 7	n.a.	S 8
M 9	22 2 59	28°51'50	12♍39	22°59	10°34	24°11	17°52	0°42	21°49	23°47	3°25	8°19	7°48	14°14	n.a.	M 9
T 10	22 6 56	29°51'55	25°18	24° 0	11°49	24°16	18° 3	0°47	21°46	23°49	3°26	8° 6	7°44	14°21	n.a.	T 10
W11	22 10 52	0♍52'03	7♎41	24°57	13° 4	24°19	18°14	0°51	21°44	23°51	3°26	7°55	7°41	14°27	n.a.	W11
T 12	22 14 49	1°52'12	19°50	25°51	14°19	24°22	18°25	0°56	21°41	23°53	3°26	7°46	7°38	14°34	n.a.	T 12
F 13	22 18 45	2°52'23	1♏48	26°42	15°34	24°24	18°37	1° 1	21°39	23°55	3°26	7°40	7°35	14°41	n.a.	F 13
S 14	22 22 42	3°52'36	13°38	27°28	16°50	24°25	18°47	1° 5	21°37	23°57	3°27	7°37	7°32	14°47	n.a.	S 14
S 15	22 26 39	4°52'51	25°26	28°10	18° 5	24°R26	18°58	1°10	21°34	23°59	3°27	7°36	7°29	14°54	n.a.	S 15
M16	22 30 35	5°53'08	7♐16	28°48	19°20	24°25	19° 9	1°15	21°32	24° 0	3°27	7°36	7°25	15° 1	n.a.	M16
T 17	22 34 32	6°53'26	19°14	29°19	20°36	24°24	19°20	1°20	21°30	24° 2	3°27	7°35	7°22	15° 7	n.a.	T 17
W18	22 38 28	7°53'46	1♑26	29°45	21°51	24°22	19°31	1°25	21°27	24° 4	3°27	7°34	7°19	15°14	n.a.	W18
T 19	22 42 25	8°54'07	13°56	0♎ 3	23° 6	24°19	19°41	1°30	21°25	24° 6	3°27	7°30	7°16	15°21	n.a.	T 19
F 20	22 46 21	9°54'30	26°49	0°15	24°22	24°15	19°52	1°35	21°23	24° 7	3°27	7°24	7°13	15°27	n.a.	F 20
S 21	22 50 18	10°54'55	10♒ 8	0°R18	25°37	24°10	20° 2	1°41	21°20	24° 9	3°R27	7°15	7° 9	15°34	n.a.	S 21
S 22	22 54 14	11°55'22	23°51	0°13	26°52	24° 4	20°12	1°46	21°18	24°11	3°27	7° 4	7° 6	15°41	n.a.	S 22
M23	22 58 11	12°55'50	7♓57	29♍59	28° 8	23°58	20°23	1°51	21°16	24°12	3°27	6°52	7° 3	15°47	n.a.	M23
T 24	23 2 8	13°56'20	22°22	29°35	29°23	23°51	20°33	1°57	21°14	24°14	3°27	6°39	7° 0	15°54	n.a.	T 24
W25	23 6 4	14°56'51	6♈57	29° 1	0♍39	23°42	20°43	2° 2	21°12	24°15	3°27	6°29	6°57	16° 0	n.a.	W25
T 26	23 10 1	15°57'25	21°36	28°17	1°54	23°33	20°53	2° 8	21° 9	24°17	3°27	6°20	6°54	16° 7	n.a.	T 26
F 27	23 13 57	16°58'00	6♉12	27°23	3°10	23°23	21° 3	2°13	21° 7	24°18	3°27	6°15	6°50	16°14	n.a.	F 27
S 28	23 17 54	17°58'38	20°40	26°21	4°25	23°12	21°12	2°19	21° 5	24°20	3°27	6°12	6°47	16°20	n.a.	S 28
S 29	23 21 50	18°59'17	4♊55	25°11	5°41	23° 1	21°22	2°24	21° 3	24°21	3°27	6°D11	6°44	16°27	n.a.	S 29
M30	23 25 47	19♍59'59	18♊57	23♍55	6♍57	22♈48	21♋32	2♏30	21♒ 1	24♋23	3♊26	6°R12	6♊41	16♏34	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n50	17n53	1s20	4n55	1s47	21n36	1n11	7n21	1s58	23n46	0n52	10s 9	1n44	15s13	0s51	22n41	0n52	22n52	1n39	22n17	22n 7	14s 6		n.a.
M 2	14 30	22 0	0 6	4 19	1 54	21 21	1 13	7 26	1 57	23 44	0 52	10 10	1 43	15 14	0 51	22 41	0 52	22 52	1 39	22 17	22 7	14 9		n.a.
T 3	14 10	24 48	1n 7	3 43	2 1	21 5	1 14	7 30	1 56	23 43	0 52	10 12	1 43	15 14	0 51	22 40	0 52	22 52	1 39	22 17	22 6	14 11		n.a.
W 4	13 50	26 4	2 16	3 9	2 7	20 48	1 16	7 34	1 55	23 42	0 52	10 13	1 43	15 15	0 51	22 40	0 52	22 53	1 39	22 17	22 6	14 14		n.a.
T 5	13 30	25 42	3 16	2 34	2 13	20 30	1 17	7 38	1 54	23 40	0 52	10 15	1 43	15 16	0 51	22 40	0 52	22 53	1 39	22 16	22 5	14 17		n.a.
F 6	13 9	23 48	4 5	2 1	2 20	20 13	1 18	7 42	1 53	23 39	0 53	10 17	1 43	15 17	0 51	22 39	0 52	22 53	1 39	22 14	22 5	14 20		n.a.
S 7	12 49	20 36	4 38	1 29	2 26	19 54	1 19	7 46	1 52	23 38	0 53	10 18	1 42	15 18	0 51	22 39	0 52	22 53	1 39	22 13	22 4	14 23		n.a.
S 8	12 28	16 25	4 57	0 57	2 31	19 35	1 20	7 49	1 51	23 36	0 53	10 20	1 42	15 18	0 51	22 39	0 52	22 53	1 39	22 11	22 4	14 25		n.a.
M 9	12 6	11 32	4 59	0 27	2 36	19 15	1 21	7 52	1 50	23 35	0 53	10 22	1 42	15 19	0 51	22 38	0 52	22 54	1 39	22 8	22 3	14 28		n.a.
T 10	11 45	6 17	4 47	0s 2	2 41	18 55	1 22	7 54	1 49	23 34	0 53	10 24	1 42	15 20	0 51	22 38	0 52	22 54	1 40	22 6	22 3	14 31		n.a.
W11	11 23	0 53	4 21	0 29	2 46	18 34	1 23	7 57	1 48	23 32	0 53	10 25	1 42	15 21	0 51	22 38	0 52	22 54	1 40	22 5	22 2	14 34		n.a.
T 12	11 1	4s28	3 44	0 55	2 50	18 12	1 24	7 59	1 47	23 31	0 54	10 27	1 41	15 22	0 51	22 37	0 52	22 54	1 40	22 3	22 2	14 36		n.a.
F 13	10 39	9 34	2 57	1 18	2 54	17 51	1 25	8 1	1 46	23 30	0 54	10 29	1 41	15 22	0 51	22 37	0 52	22 54	1 40	22 2	22 1	14 39		n.a.
S 14	10 17	14 18	2 3	1 40	2 57	17 28	1 26	8 2	1 44	23 28	0 54	10 31	1 41	15 23	0 51	22 37	0 52	22 54	1 40	22 2	22 1	14 42		n.a.
S 15	9 55	18 28	1 4	1 59	2 59	17 5	1 26	8 4	1 43	23 27	0 54	10 33	1 41	15 24	0 51	22 37	0 52	22 54	1 40	22 1	22 0	14 45		n.a.
M16	9 32	21 56	0 2	2 16	3 0	16 42	1 27	8 5	1 42	23 25	0 54	10 35	1 41	15 25	0 51	22 36	0 52	22 55	1 40	22 1	22 0	14 47		n.a.
T 17	9 10	24 30	1s 1	2 29	3 1	16 18	1 27	8 5	1 40	23 24	0 55	10 37	1 41	15 25	0 51	22 36	0 52	22 55	1 40	22 1	21 59	14 50		n.a.
W18	8 47	25 58	2 3	2 39	3 1	15 53	1 28	8 6	1 39	23 23	0 55	10 38	1 40	15 26	0 51	22 36	0 52	22 55	1 40	22 1	21 59	14 53		n.a.
T 19	8 24	26 9	3 0	2 46	3 0	15 28	1 28	8 6	1 38	23 21	0 55	10 40	1 40	15 27	0 51	22 35	0 52	22 55	1 41	22 0	21 58	14 56		n.a.
F 20	8 1	24 58	3 49	2 48	2 57	15 3	1 28	8 6	1 36	23 20	0 55	10 42	1 40	15 28	0 51	22 35	0 53	22 55	1 41	21 59	21 57	14 58		n.a.
S 21	7 37	22 21	4 28	2 46	2 54	14 37	1 28	8 6	1 35	23 19	0 55	10 44	1 40	15 28	0 51	22 35	0 53	22 55	1 41	21 58	21 57	15 1		n.a.
S 22	7 14	18 25	4 53	2 39	2 48	14 11	1 29	8 5	1 33	23 17	0 56	10 46	1 40	15 29	0 51	22 35	0 53	22 55	1 41	21 56	21 56	15 4		n.a.
M23	6 50	13 23	5 0	2 27	2 42	13 45	1 29	8 4	1 31	23 16	0 56	10 48	1 39	15 30	0 51	22 34	0 53	22 55	1 41	21 54	21 56	15 7		n.a.
T 24	6 27	7 30	4 49	2 10	2 33	13 18	1 29	8 3	1 30	23 14	0 56	10 50	1 39	15 31	0 51	22 34	0 53	22 56	1 41	21 52	21 55	15 9		n.a.
W25	6 3	1 9	4 20	1 46	2 23	12 51	1 29	8 2	1 28	23 13	0 56	10 53	1 39	15 31	0 51	22 34	0 53	22 56	1 41	21 50	21 55	15 12		n.a.
T 26	5 39	5n19	3 32	1 17	2 11	12 23	1 28	8 0	1 26	23 12	0 56	10 55	1 39	15 32	0 51	22 34	0 53	22 56	1 41	21 48	21 54	15 15		n.a.
F 27	5 15	11 29	2 32	0 43	1 57	11 55	1 28	7 58	1 24	23 10	0 57	10 57	1 39	15 33	0 51	22 33	0 53	22 56	1 41	21 47	21 54	15 18		n.a.
S 28	4 51	16 59	1 21	0 3	1 41	11 27	1 28	7 55	1 23	23 9	0 57	10 59	1 39	15 33	0 50	22 33	0 53	22 56	1 42	21 47	21 53	15 20		n.a.
S 29	4 27	21 26	0 7	0n41	1 23	10 58	1 28	7 53	1 21	23 8	0 57	11 1	1 38	15 34	0 50	22 33	0 53	22 56	1 42	21 47	21 53	15 23		n.a.
M30	4n 2	24n34	1n 7	1n29	1s 4	10n29	1n27	7n50	1s19	23n 6	0n57	11s 3	1n38	15s35	0s50	22n33	0n53	22n56	1n42	21n47	21n52	15s26		n.a.

Julian Day Number = 984226.5, Delta T = 13h10m11s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'55, Lahiri = -31°46'54 Julian Calendar 1 Sept. 2019 BCE == Greg. Calendar 15 Aug. 2019 BCE

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

OCTOBER 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 29 43	21♍ 0'42	2♋45	22°R35	8♍12	22°R35	21♋41	2♏36	20°R59	24♋24	3°R26	6°R11	6♊38	16♏40	n.a.	T 1
W 2	23 33 40	22° 1'28	16°20	21♍15	9°28	22♈21	21°50	2°42	20♒57	24°26	3♊26	6♊ 9	6°34	16°47	n.a.	W 2
T 3	23 37 37	23° 2'15	29°43	19°55	10°43	22° 6	21°59	2°48	20°55	24°27	3°26	6° 4	6°31	16°54	n.a.	T 3
F 4	23 41 33	24° 3'04	12♌55	18°40	11°59	21°50	22° 9	2°54	20°53	24°28	3°25	5°56	6°28	17° 0	n.a.	F 4
S 5	23 45 30	25° 3'54	25°55	17°31	13°15	21°34	22°18	3° 0	20°51	24°30	3°25	5°46	6°25	17° 7	n.a.	S 5
S 6	23 49 26	26° 4'46	8♍43	16°30	14°30	21°16	22°26	3° 6	20°49	24°31	3°25	5°33	6°22	17°14	n.a.	S 6
M 7	23 53 23	27° 5'40	21°20	15°40	15°46	20°59	22°35	3°12	20°47	24°32	3°24	5°20	6°19	17°20	n.a.	M 7
T 8	23 57 19	28° 6'35	3♎45	15° 0	17° 2	20°40	22°44	3°18	20°46	24°33	3°24	5° 8	6°15	17°27	n.a.	T 8
W 9	0 1 16	29° 7'31	15°58	14°33	18°17	20°21	22°52	3°24	20°44	24°35	3°23	4°57	6°12	17°34	n.a.	W 9
T 10	0 5 12	0♎ 8'29	28° 1	14°17	19°33	20° 1	23° 1	3°30	20°42	24°36	3°23	4°48	6° 9	17°40	n.a.	T 10
F 11	0 9 9	1° 9'27	9♏54	14°D12	20°49	19°41	23° 9	3°36	20°40	24°37	3°22	4°42	6° 6	17°47	n.a.	F 11
S 12	0 13 5	2°10'27	21°42	14°18	22° 4	19°20	23°17	3°43	20°39	24°38	3°22	4°39	6° 3	17°54	n.a.	S 12
S 13	0 17 2	3°11'28	3♐28	14°34	23°20	18°58	23°25	3°49	20°37	24°39	3°21	4°D38	6° 0	18° 0	n.a.	S 13
M14	0 20 59	4°12'30	15°16	15° 0	24°36	18°36	23°33	3°56	20°35	24°40	3°21	4°38	5°56	18° 7	n.a.	M14
T 15	0 24 55	5°13'33	27°12	15°34	25°51	18°14	23°41	4° 2	20°34	24°41	3°20	4°39	5°53	18°14	n.a.	T 15
W16	0 28 52	6°14'37	9♑21	16°15	27° 7	17°52	23°48	4° 8	20°32	24°42	3°20	4°R39	5°50	18°20	n.a.	W16
T 17	0 32 48	7°15'42	21°48	17° 3	28°23	17°29	23°56	4°15	20°31	24°43	3°19	4°38	5°47	18°27	n.a.	T 17
F 18	0 36 45	8°16'47	4♒38	17°57	29°39	17° 6	24° 3	4°21	20°30	24°44	3°18	4°35	5°44	18°33	n.a.	F 18
S 19	0 40 41	9°17'54	17°55	18°56	0♎54	16°42	24°10	4°28	20°28	24°45	3°18	4°29	5°40	18°40	n.a.	S 19
S 20	0 44 38	10°19'01	1♓41	20° 0	2°10	16°19	24°17	4°35	20°27	24°46	3°17	4°22	5°37	18°47	n.a.	S 20
M21	0 48 35	11°20'08	15°55	21° 7	3°26	15°55	24°24	4°41	20°26	24°47	3°16	4°13	5°34	18°53	n.a.	M21
T 22	0 52 31	12°21'17	0♈33	22°18	4°41	15°32	24°31	4°48	20°24	24°47	3°16	4° 4	5°31	19° 0	n.a.	T 22
W23	0 56 28	13°22'26	15°27	23°32	5°57	15° 8	24°37	4°55	20°23	24°48	3°15	3°56	5°28	19° 7	n.a.	W23
T 24	1 0 24	14°23'36	0♉30	24°48	7°13	14°45	24°44	5° 1	20°22	24°49	3°14	3°50	5°25	19°13	n.a.	T 24
F 25	1 4 21	15°24'47	15°31	26° 6	8°28	14°21	24°50	5° 8	20°21	24°50	3°13	3°46	5°21	19°20	n.a.	F 25
S 26	1 8 17	16°25'59	0♊23	27°26	9°44	13°58	24°56	5°15	20°20	24°50	3°12	3°D45	5°18	19°27	n.a.	S 26
S 27	1 12 14	17°27'12	14°58	28°48	11° 0	13°35	25° 2	5°22	20°19	24°51	3°12	3°45	5°15	19°33	n.a.	S 27
M28	1 16 10	18°28'26	29°14	0♎11	12°15	13°12	25° 8	5°28	20°18	24°51	3°11	3°47	5°12	19°40	n.a.	M28
T 29	1 20 7	19°29'41	13♋ 8	1°35	13°31	12°49	25°14	5°35	20°17	24°52	3°10	3°R48	5° 9	19°47	n.a.	T 29
W30	1 24 4	20°30'56	26°42	3° 1	14°47	12°26	25°19	5°42	20°16	24°52	3° 9	3°48	5° 6	19°53	n.a.	W30
T 31	1 28 0	21♎32'13	9♌57	4♎27	16♎ 2	12♈ 4	25♋25	5♏49	20♒15	24♋53	3♊ 8	3♊46	5♊ 2	20♏ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	3n38	26n10	2n16	2n19	0s45	10n 0	1n27	7n47	1s17	23n 5	0n57	11s 5	1n38	15s35	0s50	22n33	0n53	22n56	1n42	21n47	21n51	15s29			n.a.
W 2	3 14	26 8	3 16	3 10	0 24	9 30	1 26	7 43	1 15	23 4	0 58	11 7	1 38	15 36	0 50	22 32	0 53	22 56	1 42	21 46	21 51	15 31			n.a.
T 3	2 49	24 35	4 4	4 1	0 3	9 1	1 26	7 39	1 13	23 3	0 58	11 10	1 38	15 37	0 50	22 32	0 53	22 56	1 42	21 46	21 50	15 34			n.a.
F 4	2 25	21 43	4 38	4 50	0n17	8 31	1 25	7 35	1 10	23 1	0 58	11 12	1 38	15 37	0 50	22 32	0 53	22 56	1 42	21 44	21 50	15 37			n.a.
S 5	2 0	17 47	4 57	5 35	0 37	8 0	1 24	7 31	1 8	23 0	0 58	11 14	1 38	15 38	0 50	22 32	0 53	22 56	1 42	21 42	21 49	15 39			n.a.
S 6	1 35	13 6	5 1	6 16	0 55	7 30	1 23	7 27	1 6	22 59	0 59	11 16	1 37	15 38	0 50	22 31	0 53	22 56	1 42	21 40	21 49	15 42			n.a.
M 7	1 11	7 56	4 50	6 52	1 12	6 59	1 23	7 22	1 4	22 57	0 59	11 19	1 37	15 39	0 50	22 31	0 53	22 56	1 43	21 38	21 48	15 45			n.a.
T 8	0 46	2 32	4 26	7 21	1 27	6 28	1 22	7 17	1 1	22 56	0 59	11 21	1 37	15 39	0 50	22 31	0 53	22 56	1 43	21 35	21 48	15 47			n.a.
W 9	0 21	2s54	3 49	7 45	1 40	5 57	1 21	7 12	0 59	22 55	0 59	11 23	1 37	15 40	0 50	22 31	0 53	22 56	1 43	21 33	21 47	15 50			n.a.
T 10	0s 3	8 9	3 2	8 2	1 52	5 26	1 20	7 6	0 57	22 54	1 0	11 25	1 37	15 41	0 50	22 31	0 53	22 56	1 43	21 32	21 46	15 53			n.a.
F 11	0 28	13 4	2 8	8 12	2 2	4 55	1 19	7 1	0 54	22 53	1 0	11 28	1 37	15 41	0 50	22 31	0 53	22 56	1 43	21 31	21 46	15 56			n.a.
S 12	0 53	17 28	1 9	8 17	2 10	4 23	1 17	6 55	0 52	22 51	1 0	11 30	1 37	15 42	0 50	22 30	0 53	22 56	1 43	21 30	21 45	15 58			n.a.
S 13	1 18	21 10	0 6	8 16	2 16	3 52	1 16	6 49	0 49	22 50	1 0	11 32	1 36	15 42	0 50	22 30	0 53	22 56	1 43	21 30	21 45	16 1			n.a.
M14	1 42	24 2	0s57	8 11	2 21	3 20	1 15	6 43	0 47	22 49	1 0	11 35	1 36	15 43	0 50	22 30	0 53	22 56	1 43	21 30	21 44	16 4			n.a.
T 15	2 7	25 52	1 58	8 0	2 24	2 48	1 14	6 37	0 44	22 48	1 1	11 37	1 36	15 43	0 50	22 30	0 53	22 56	1 43	21 30	21 44	16 6			n.a.
W16	2 32	26 30	2 55	7 46	2 26	2 16	1 12	6 30	0 42	22 47	1 1	11 39	1 36	15 44	0 50	22 30	0 53	22 56	1 44	21 30	21 43	16 9			n.a.
T 17	2 56	25 50	3 45	7 27	2 27	1 44	1 11	6 24	0 39	22 46	1 1	11 42	1 36	15 44	0 50	22 30	0 54	22 56	1 44	21 30	21 42	16 12			n.a.
F 18	3 21	23 47	4 26	7 6	2 27	1 12	1 9	6 17	0 37	22 45	1 2	11 44	1 36	15 44	0 50	22 30	0 54	22 56	1 44	21 29	21 42	16 14			n.a.
S 19	3 45	20 25	4 54	6 41	2 25	0 40	1 8	6 11	0 34	22 44	1 2	11 46	1 36	15 45	0 50	22 29	0 54	22 56	1 44	21 28	21 41	16 17			n.a.
S 20	4 10	15 50	5 6	6 14	2 24	0 8	1 6	6 4	0 31	22 43	1 2	11 49	1 36	15 45	0 50	22 29	0 54	22 56	1 44	21 27	21 41	16 20			n.a.
M21	4 34	10 15	5 0	5 44	2 21	0s24	1 5	5 57	0 29	22 42	1 2	11 51	1 35	15 46	0 50	22 29	0 54	22 56	1 44	21 25	21 40	16 22			n.a.
T 22	4 59	3 58	4 35	5 13	2 18	0 56	1 3	5 50	0 26	22 41	1 3	11 53	1 35	15 46	0 50	22 29	0 54	22 56	1 44	21 23	21 40	16 25			n.a.
W23	5 23	2n41	3 50	4 40	2 14	1 28	1 1	5 43	0 23	22 40	1 3	11 56	1 35	15 46	0 50	22 29	0 54	22 56	1 44	21 22	21 39	16 28			n.a.
T 24	5 47	9 14	2 49	4 5	2 10	2 1	1 0	5 36	0 21	22 39	1 3	11 58	1 35	15 47	0 50	22 29	0 54	22 56	1 44	21 21	21 38	16 30			n.a.
F 25	6 11	15 17	1 37	3 29	2 5	2 33	0 58	5 30	0 18	22 38	1 3	12 0	1 35	15 47	0 50	22 29	0 54	22 56	1 44	21 20	21 38	16 33			n.a.
S 26	6 35	20 21	0 18	2 52	2 0	3 5	0 56	5 23	0 15	22 37	1 4	12 3	1 35	15 47	0 50	22 29	0 54	22 56	1 45	21 20	21 37	16 36			n.a.
S 27	6 59	24 4	1n 0	2 14	1 54	3 37	0 54	5 16	0 13	22 36	1 4	12 5	1 35	15 48	0 50	22 29	0 54	22 56	1 45	21 20	21 37	16 38			n.a.
M28	7 23	26 9	2 13	1 35	1 49	4 8	0 52	5 9	0 10	22 36	1 4	12 8	1 35	15 48	0 50	22 29	0 54	22 56	1 45	21 20	21 36	16 41			n.a.
T 29	7 47	26 32	3 17	0 55	1 43	4 40	0 50	5 3	0 7	22 35	1 4	12 10	1 35	15 48	0 50	22 29	0 54	22 56	1 45	21 20	21 36	16 44			n.a.
W30	8 10	25 17	4 8	0 15	1 36	5 12	0 48	4 56	0 5	22 34	1 5	12 12	1 35	15 48	0 50	22 29	0 54	22 56	1 45	21 20	21 35	16 46			n.a.
T 31	8s34	22n40	4n44	0s26	1n30	5s43	0n46	4n50	0s 2	22n33	1n 5	12s15	1n34	15s49	0s49	22n28	0n54	22n56	1n45	21n20	21n34	16s49			n.a.

Julian Day Number = 984256.5, Delta T = 13h10m09s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'51, Lahiri = -31°46'50 Julian Calendar 1 Oct. 2019 BCE == Greg. Calendar 14 Sept. 2019 BCE

The year -2018 astronomical counting style corresponds to year 2019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

NOVEMBER 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 31 57	22♎33'30	22♌54	5♎54	17♎18	11°R43	25♋30	5♏56	20°R14	24♋53	3°R 7	3°R42	4♊59	20♏ 7	n.a.	F 1
S 2	1 35 53	23°34'49	5♍38	7°22	18°34	11♈22	25°35	6° 3	20♒13	24°54	3♊ 6	3♊37	4°56	20°13	n.a.	S 2
S 3	1 39 50	24°36'07	18° 8	8°50	19°49	11° 1	25°40	6°10	20°13	24°54	3° 5	3°30	4°53	20°20	n.a.	S 3
M 4	1 43 46	25°37'26	0♎27	10°19	21° 5	10°41	25°44	6°17	20°12	24°55	3° 4	3°22	4°50	20°27	n.a.	M 4
T 5	1 47 43	26°38'46	12°37	11°48	22°21	10°21	25°49	6°23	20°12	24°55	3° 3	3°15	4°46	20°33	n.a.	T 5
W 6	1 51 39	27°40'06	24°39	13°18	23°36	10° 2	25°53	6°30	20°11	24°55	3° 2	3° 9	4°43	20°40	n.a.	W 6
T 7	1 55 36	28°41'27	6♏34	14°48	24°52	9°44	25°57	6°37	20°11	24°55	3° 1	3° 4	4°40	20°47	n.a.	T 7
F 8	1 59 33	29°42'47	18°23	16°19	26° 8	9°26	26° 1	6°44	20°10	24°56	3° 0	3° 1	4°37	20°53	n.a.	F 8
S 9	2 3 29	0♏44'08	0♐10	17°50	27°23	9°10	26° 5	6°51	20°10	24°56	2°59	3°D 0	4°34	21° 0	n.a.	S 9
S 10	2 7 26	1°45'29	11°56	19°21	28°39	8°53	26° 9	6°58	20° 9	24°56	2°58	3° 0	4°31	21° 6	n.a.	S 10
M11	2 11 22	2°46'50	23°46	20°52	29°54	8°38	26°12	7° 5	20° 9	24°56	2°57	3° 2	4°27	21°13	n.a.	M11
T 12	2 15 19	3°48'11	5♑42	22°24	1♏10	8°23	26°16	7°12	20° 9	24°56	2°56	3° 4	4°24	21°20	n.a.	T 12
W13	2 19 15	4°49'31	17°50	23°56	2°25	8° 9	26°19	7°19	20° 9	24°56	2°54	3° 5	4°21	21°26	n.a.	W13
T 14	2 23 12	5°50'52	0♒13	25°28	3°41	7°56	26°22	7°27	20° 9	24°R56	2°53	3°R 6	4°18	21°33	n.a.	T 14
F 15	2 27 9	6°52'12	12°58	27° 1	4°57	7°43	26°24	7°34	20° 8	24°56	2°52	3° 6	4°15	21°40	n.a.	F 15
S 16	2 31 5	7°53'31	26° 7	28°34	6°12	7°32	26°27	7°41	20°D 8	24°56	2°51	3° 5	4°11	21°46	n.a.	S 16
S 17	2 35 2	8°54'50	9♓44	0♏ 7	7°28	7°21	26°29	7°48	20° 8	24°56	2°50	3° 3	4° 8	21°53	n.a.	S 17
M18	2 38 58	9°56'09	23°50	1°41	8°43	7°11	26°32	7°55	20° 9	24°56	2°49	3° 0	4° 5	22° 0	n.a.	M18
T 19	2 42 55	10°57'27	8♈23	3°14	9°59	7° 2	26°34	8° 2	20° 9	24°56	2°47	2°56	4° 2	22° 6	n.a.	T 19
W20	2 46 51	11°58'44	23°18	4°48	11°14	6°53	26°35	8° 9	20° 9	24°55	2°46	2°53	3°59	22°13	n.a.	W20
T 21	2 50 48	13° 0'02	8♉28	6°23	12°29	6°46	26°37	8°16	20° 9	24°55	2°45	2°51	3°56	22°20	n.a.	T 21
F 22	2 54 45	14° 1'19	23°43	7°58	13°45	6°39	26°38	8°23	20° 9	24°55	2°44	2°50	3°52	22°26	n.a.	F 22
S 23	2 58 41	15° 2'35	8♊53	9°33	15° 0	6°33	26°40	8°30	20°10	24°55	2°42	2°D50	3°49	22°33	n.a.	S 23
S 24	3 2 38	16° 3'52	23°49	11° 9	16°16	6°28	26°41	8°37	20°10	24°54	2°41	2°51	3°46	22°40	n.a.	S 24
M25	3 6 34	17° 5'08	8♋25	12°45	17°31	6°24	26°42	8°44	20°11	24°54	2°40	2°52	3°43	22°46	n.a.	M25
T 26	3 10 31	18° 6'24	22°35	14°21	18°47	6°21	26°42	8°51	20°11	24°54	2°39	2°53	3°40	22°53	n.a.	T 26
W27	3 14 27	19° 7'40	6♌19	15°58	20° 2	6°18	26°43	8°58	20°12	24°53	2°37	2°54	3°37	23° 0	n.a.	W27
T 28	3 18 24	20° 8'55	19°39	17°36	21°17	6°16	26°43	9° 5	20°12	24°53	2°36	2°R54	3°33	23° 6	n.a.	T 28
F 29	3 22 21	21°10'10	2♍35	19°13	22°33	6°15	26°R43	9°12	20°13	24°52	2°35	2°54	3°30	23°13	n.a.	F 29
S 30	3 26 17	22♏11'24	15♍11	20♏52	23♏48	6°D14	26♋43	9♏18	20♒14	24♋52	2♊33	2♊53	3♊27	23♏19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s57	18n56	5n 4	1s 7	1n24	6s15	0n44	4n44	0n 0	22n33	1n 5	12s17	1n34	15s49	0s49	22n28	0n54	22n56	1n45	21n19	21n34	16s51		n.a.
S 2	9 20	14 25	5 10	1 48	1 17	6 46	0 42	4 38	0 3	22 32	1 6	12 20	1 34	15 49	0 49	22 28	0 54	22 55	1 45	21 18	21 33	16 54		n.a.
S 3	9 43	9 22	5 0	2 30	1 10	7 17	0 40	4 32	0 5	22 31	1 6	12 22	1 34	15 49	0 49	22 28	0 54	22 55	1 45	21 17	21 33	16 57		n.a.
M 4	10 6	4 1	4 36	3 12	1 3	7 48	0 38	4 26	0 8	22 31	1 6	12 24	1 34	15 49	0 49	22 28	0 54	22 55	1 45	21 15	21 32	16 59		n.a.
T 5	10 29	1s24	4 0	3 54	0 57	8 19	0 36	4 20	0 10	22 30	1 6	12 27	1 34	15 50	0 49	22 28	0 54	22 55	1 46	21 14	21 31	17 2		n.a.
W 6	10 51	6 44	3 14	4 36	0 50	8 50	0 34	4 15	0 13	22 30	1 7	12 29	1 34	15 50	0 49	22 28	0 54	22 55	1 46	21 13	21 31	17 5		n.a.
T 7	11 14	11 47	2 20	5 18	0 43	9 20	0 31	4 10	0 15	22 29	1 7	12 32	1 34	15 50	0 49	22 28	0 54	22 55	1 46	21 12	21 30	17 7		n.a.
F 8	11 36	16 23	1 19	5 59	0 36	9 50	0 29	4 5	0 17	22 29	1 7	12 34	1 34	15 50	0 49	22 28	0 54	22 55	1 46	21 11	21 30	17 10		n.a.
S 9	11 58	20 21	0 16	6 41	0 29	10 20	0 27	4 0	0 20	22 28	1 8	12 36	1 34	15 50	0 49	22 28	0 55	22 55	1 46	21 11	21 29	17 12		n.a.
S 10	12 20	23 29	0s49	7 23	0 22	10 50	0 25	3 56	0 22	22 28	1 8	12 39	1 34	15 50	0 49	22 28	0 55	22 55	1 46	21 11	21 29	17 15		n.a.
M11	12 41	25 38	1 52	8 4	0 15	11 19	0 22	3 52	0 24	22 27	1 8	12 41	1 34	15 50	0 49	22 28	0 55	22 54	1 46	21 11	21 28	17 18		n.a.
T 12	13 2	26 38	2 50	8 46	0 8	11 48	0 20	3 48	0 26	22 27	1 9	12 44	1 34	15 50	0 49	22 28	0 55	22 54	1 46	21 12	21 27	17 20		n.a.
W13	13 24	26 23	3 42	9 27	0 2	12 17	0 18	3 44	0 29	22 27	1 9	12 46	1 33	15 50	0 49	22 28	0 55	22 54	1 46	21 12	21 27	17 23		n.a.
T 14	13 44	24 49	4 25	10 7	0s 5	12 45	0 15	3 41	0 31	22 26	1 9	12 48	1 33	15 50	0 49	22 28	0 55	22 54	1 46	21 12	21 26	17 25		n.a.
F 15	14 5	21 59	4 56	10 48	0 12	13 14	0 13	3 37	0 33	22 26	1 9	12 51	1 33	15 50	0 49	22 29	0 55	22 54	1 47	21 12	21 26	17 28		n.a.
S 16	14 25	17 57	5 13	11 28	0 18	13 41	0 11	3 35	0 35	22 26	1 10	12 53	1 33	15 50	0 49	22 29	0 55	22 54	1 47	21 12	21 25	17 31		n.a.
S 17	14 46	12 53	5 13	12 8	0 25	14 9	0 8	3 32	0 37	22 26	1 10	12 55	1 33	15 50	0 49	22 29	0 55	22 54	1 47	21 12	21 24	17 33		n.a.
M18	15 5	6 59	4 55	12 47	0 31	14 36	0 6	3 30	0 39	22 26	1 10	12 58	1 33	15 50	0 49	22 29	0 55	22 53	1 47	21 11	21 24	17 36		n.a.
T 19	15 25	0 32	4 17	13 26	0 37	15 3	0 4	3 28	0 40	22 26	1 11	13 0	1 33	15 50	0 49	22 29	0 55	22 53	1 47	21 10	21 23	17 38		n.a.
W20	15 44	6n 7	3 21	14 4	0 43	15 29	0 1	3 26	0 42	22 26	1 11	13 3	1 33	15 50	0 49	22 29	0 55	22 53	1 47	21 10	21 22	17 41		n.a.
T 21	16 3	12 33	2 11	14 42	0 49	15 55	0s 1	3 25	0 44	22 26	1 11	13 5	1 33	15 50	0 49	22 29	0 55	22 53	1 47	21 9	21 22	17 43		n.a.
F 22	16 22	18 16	0 50	15 19	0 55	16 20	0 3	3 24	0 46	22 26	1 12	13 7	1 33	15 50	0 49	22 29	0 55	22 53	1 47	21 9	21 21	17 46		n.a.
S 23	16 41	22 47	0n33	15 56	1 1	16 46	0 6	3 23	0 47	22 26	1 12	13 10	1 33	15 50	0 49	22 29	0 55	22 53	1 47	21 9	21 21	17 49		n.a.
S 24	16 59	25 40	1 54	16 32	1 6	17 10	0 8	3 22	0 49	22 26	1 12	13 12	1 33	15 49	0 48	22 29	0 55	22 52	1 47	21 9	21 20	17 51		n.a.
M25	17 17	26 43	3 5	17 7	1 12	17 34	0 10	3 22	0 51	22 26	1 13	13 14	1 33	15 49	0 48	22 29	0 55	22 52	1 47	21 9	21 19	17 54		n.a.
T 26	17 34	25 58	4 2	17 41	1 17	17 58	0 13	3 22	0 52	22 26	1 13	13 16	1 33	15 49	0 48	22 29	0 55	22 52	1 47	21 10	21 19	17 56		n.a.
W27	17 52	23 39	4 44	18 15	1 22	18 21	0 15	3 22	0 54	22 26	1 13	13 19	1 33	15 49	0 48	22 30	0 55	22 52	1 48	21 10	21 18	17 59		n.a.
T 28	18 8	20 6	5 9	18 48	1 26	18 44	0 17	3 23	0 55	22 26	1 14	13 21	1 33	15 49	0 48	22 30	0 55	22 52	1 48	21 10	21 18	18 1		n.a.
F 29	18 25	15 41	5 17	19 20	1 31	19 6	0 20	3 24	0 57	22 27	1 14	13 23	1 33	15 48	0 48	22 30	0 55	22 52	1 48	21 10	21 17	18 4		n.a.
S 30	18s41	10n42	5n10	19s52	1s35	19s28	0s22	3n25	0n58	22n27	1n14	13s26	1n33	15s48	0s48	22n30	0n55	22n51	1n48	21n10	21n16	18s 6		n.a.

Julian Day Number = 984287.5, Delta T = 13h10m06s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'46, Lahiri = -31°46'46 Julian Calendar 1 Nov. 2019 BCE == Greg. Calendar 15 Oct. 2019 BCE

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ASTRODIENST EPHEMERIS for the year 2019 BCE
geocentric

DECEMBER 2019 BCE (-2018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 30 14	23♏12'38	27♍32	22♏30	25♏ 3	6♈15	26°R43	9♏25	20♒14	24°R51	2°R32	2°R52	3♊24	23♏26	n.a.	S 1
M 2	3 34 10	24°13'52	9♎40	24°10	26°19	6°16	26♋42	9°32	20°15	24♋50	2♊31	2♊51	3°21	23°33	n.a.	M 2
T 3	3 38 7	25°15'05	21°39	25°50	27°34	6°18	26°42	9°39	20°16	24°50	2°30	2°50	3°17	23°39	n.a.	T 3
W 4	3 42 3	26°16'17	3♏32	27°30	28°49	6°21	26°41	9°46	20°17	24°49	2°28	2°49	3°14	23°46	n.a.	W 4
T 5	3 46 0	27°17'29	15°20	29°11	0♐ 5	6°24	26°40	9°53	20°18	24°48	2°27	2°48	3°11	23°53	n.a.	T 5
F 6	3 49 56	28°18'39	27° 7	0♐52	1°20	6°28	26°38	10° 0	20°19	24°48	2°26	2°D48	3° 8	23°59	n.a.	F 6
S 7	3 53 53	29°19'49	8♐55	2°34	2°35	6°33	26°37	10° 6	20°20	24°47	2°24	2°48	3° 5	24° 6	n.a.	S 7
S 8	3 57 50	0♐20'58	20°46	4°17	3°51	6°39	26°35	10°13	20°21	24°46	2°23	2°48	3° 2	24°13	n.a.	S 8
M 9	4 1 46	1°22'06	2♑41	6° 0	5° 6	6°45	26°33	10°20	20°22	24°45	2°22	2°48	2°58	24°19	n.a.	M 9
T 10	4 5 43	2°23'13	14°45	7°43	6°21	6°52	26°31	10°27	20°23	24°45	2°20	2°R48	2°55	24°26	n.a.	T 10
W11	4 9 39	3°24'18	26°58	9°27	7°36	6°59	26°29	10°33	20°25	24°44	2°19	2°48	2°52	24°33	n.a.	W11
T 12	4 13 36	4°25'22	9♒25	11°11	8°51	7° 7	26°27	10°40	20°26	24°43	2°18	2°48	2°49	24°39	n.a.	T 12
F 13	4 17 32	5°26'24	22° 8	12°56	10° 7	7°16	26°24	10°47	20°27	24°42	2°16	2°48	2°46	24°46	n.a.	F 13
S 14	4 21 29	6°27'25	5♓12	14°41	11°22	7°26	26°21	10°53	20°29	24°41	2°15	2°D48	2°43	24°53	n.a.	S 14
S 15	4 25 26	7°28'25	18°39	16°26	12°37	7°36	26°18	11° 0	20°30	24°40	2°14	2°48	2°39	24°59	n.a.	S 15
M16	4 29 22	8°29'23	2♈30	18°11	13°52	7°46	26°15	11° 6	20°32	24°39	2°12	2°48	2°36	25° 6	n.a.	M16
T 17	4 33 19	9°30'19	16°47	19°57	15° 7	7°58	26°12	11°13	20°33	24°38	2°11	2°49	2°33	25°12	n.a.	T 17
W18	4 37 15	10°31'14	1♉26	21°42	16°22	8° 9	26° 8	11°19	20°35	24°37	2°10	2°49	2°30	25°19	n.a.	W18
T 19	4 41 12	11°32'07	16°24	23°26	17°37	8°22	26° 5	11°26	20°36	24°36	2° 8	2°50	2°27	25°26	n.a.	T 19
F 20	4 45 8	12°32'58	1♊32	25°10	18°52	8°34	26° 1	11°32	20°38	24°35	2° 7	2°R50	2°23	25°32	n.a.	F 20
S 21	4 49 5	13°33'49	16°44	26°54	20° 7	8°48	25°57	11°38	20°40	24°33	2° 6	2°50	2°20	25°39	n.a.	S 21
S 22	4 53 1	14°34'38	1♋47	28°36	21°22	9° 2	25°53	11°45	20°42	24°32	2° 4	2°49	2°17	25°46	n.a.	S 22
M23	4 56 58	15°35'25	16°35	0♑16	22°37	9°16	25°48	11°51	20°43	24°31	2° 3	2°48	2°14	25°52	n.a.	M23
T 24	5 0 55	16°36'11	1♌ 0	1°55	23°52	9°31	25°44	11°57	20°45	24°30	2° 2	2°46	2°11	25°59	n.a.	T 24
W25	5 4 51	17°36'56	14°58	3°31	25° 7	9°46	25°39	12° 3	20°47	24°29	2° 1	2°44	2° 8	26° 6	n.a.	W25
T 26	5 8 48	18°37'39	28°27	5° 4	26°22	10° 2	25°34	12° 9	20°49	24°27	1°59	2°43	2° 4	26°12	n.a.	T 26
F 27	5 12 44	19°38'22	11♍30	6°34	27°37	10°19	25°29	12°15	20°51	24°26	1°58	2°42	2° 1	26°19	n.a.	F 27
S 28	5 16 41	20°39'02	24°10	8° 0	28°52	10°35	25°24	12°22	20°53	24°25	1°57	2°D42	1°58	26°26	n.a.	S 28
S 29	5 20 37	21°39'41	6♎29	9°22	0♑ 7	10°52	25°19	12°28	20°55	24°24	1°56	2°42	1°55	26°32	n.a.	S 29
M30	5 24 34	22°40'19	18°34	10°38	1°22	11°10	25°13	12°33	20°57	24°22	1°54	2°44	1°52	26°39	n.a.	M30
T 31	5 28 31	23♐40'56	0♏28	11♑47	2♑37	11♈28	25♋ 7	12♏39	20♒59	24♋21	1♊53	2♊45	1♊49	26♏46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18s57	5n24	4n48	20s22	1s39	19s49	0s24	3n26	0n59	22n27	1n14	13s28	1n33	15s48	0s48	22n30	0n55	22n51	1n48	21n10	21n16	18s 9			n.a.
M 2	19 13	0s 1	4 14	20 51	1 43	20 9	0 26	3 28	1 1	22 28	1 15	13 30	1 33	15 47	0 48	22 30	0 55	22 51	1 48	21 9	21 15	18 11			n.a.
T 3	19 28	5 23	3 29	21 19	1 46	20 29	0 29	3 30	1 2	22 28	1 15	13 32	1 33	15 47	0 48	22 30	0 56	22 51	1 48	21 9	21 14	18 14			n.a.
W 4	19 43	10 31	2 36	21 46	1 49	20 48	0 31	3 32	1 3	22 29	1 15	13 34	1 33	15 47	0 48	22 31	0 56	22 51	1 48	21 9	21 14	18 16			n.a.
T 5	19 57	15 15	1 36	22 12	1 52	21 7	0 33	3 35	1 5	22 29	1 16	13 37	1 33	15 46	0 48	22 31	0 56	22 50	1 48	21 9	21 13	18 19			n.a.
F 6	20 11	19 24	0 31	22 37	1 54	21 25	0 35	3 37	1 6	22 30	1 16	13 39	1 33	15 46	0 48	22 31	0 56	22 50	1 48	21 9	21 13	18 22			n.a.
S 7	20 25	22 48	0s34	23 0	1 56	21 43	0 37	3 40	1 7	22 30	1 16	13 41	1 33	15 46	0 48	22 31	0 56	22 50	1 48	21 9	21 12	18 24			n.a.
S 8	20 38	25 14	1 38	23 22	1 58	22 0	0 40	3 43	1 8	22 31	1 17	13 43	1 33	15 45	0 48	22 31	0 56	22 50	1 48	21 9	21 11	18 27			n.a.
M 9	20 51	26 33	2 39	23 42	1 59	22 16	0 42	3 47	1 9	22 32	1 17	13 45	1 33	15 45	0 48	22 31	0 56	22 50	1 48	21 9	21 11	18 29			n.a.
T 10	21 4	26 37	3 33	24 1	2 0	22 32	0 44	3 51	1 10	22 32	1 17	13 48	1 33	15 44	0 48	22 32	0 56	22 49	1 49	21 9	21 10	18 32			n.a.
W11	21 16	25 24	4 18	24 18	2 0	22 47	0 46	3 55	1 11	22 33	1 18	13 50	1 33	15 44	0 48	22 32	0 56	22 49	1 49	21 9	21 9	18 34			n.a.
T 12	21 27	22 56	4 52	24 34	2 0	23 1	0 48	3 59	1 12	22 34	1 18	13 52	1 33	15 44	0 48	22 32	0 56	22 49	1 49	21 9	21 9	18 37			n.a.
F 13	21 39	19 19	5 13	24 47	2 0	23 14	0 50	4 3	1 13	22 35	1 18	13 54	1 33	15 43	0 48	22 32	0 56	22 49	1 49	21 9	21 8	18 39			n.a.
S 14	21 50	14 42	5 18	24 59	1 59	23 27	0 52	4 8	1 14	22 36	1 18	13 56	1 33	15 43	0 48	22 32	0 56	22 49	1 49	21 9	21 8	18 42			n.a.
S 15	22 0	9 15	5 6	25 9	1 57	23 39	0 54	4 13	1 15	22 36	1 19	13 58	1 33	15 42	0 48	22 33	0 56	22 48	1 49	21 9	21 7	18 44			n.a.
M16	22 10	3 12	4 36	25 17	1 54	23 51	0 55	4 18	1 15	22 37	1 19	14 0	1 33	15 42	0 48	22 33	0 56	22 48	1 49	21 9	21 6	18 46			n.a.
T 17	22 20	3n12	3 49	25 23	1 52	24 1	0 57	4 23	1 16	22 38	1 19	14 2	1 33	15 41	0 48	22 33	0 56	22 48	1 49	21 9	21 6	18 49			n.a.
W18	22 29	9 37	2 46	25 27	1 48	24 11	0 59	4 28	1 17	22 39	1 20	14 4	1 33	15 40	0 48	22 33	0 56	22 48	1 49	21 9	21 5	18 51			n.a.
T 19	22 37	15 38	1 30	25 29	1 44	24 21	1 1	4 34	1 18	22 40	1 20	14 6	1 33	15 40	0 47	22 34	0 56	22 48	1 49	21 9	21 4	18 54			n.a.
F 20	22 46	20 46	0 7	25 29	1 38	24 29	1 2	4 40	1 19	22 41	1 20	14 8	1 33	15 39	0 47	22 34	0 56	22 47	1 49	21 9	21 4	18 56			n.a.
S 21	22 53	24 31	1n16	25 26	1 33	24 37	1 4	4 46	1 19	22 42	1 21	14 10	1 33	15 39	0 47	22 34	0 56	22 47	1 49	21 9	21 3	18 59			n.a.
S 22	23 1	26 29	2 34	25 21	1 26	24 44	1 6	4 52	1 20	22 43	1 21	14 12	1 33	15 38	0 47	22 34	0 56	22 47	1 49	21 9	21 2	19 1			n.a.
M23	23 8	26 30	3 40	25 14	1 19	24 50	1 7	4 59	1 21	22 45	1 21	14 14	1 33	15 37	0 47	22 35	0 56	22 47	1 49	21 9	21 2	19 4			n.a.
T 24	23 14	24 43	4 30	25 5	1 10	24 56	1 9	5 5	1 21	22 46	1 21	14 16	1 33	15 37	0 47	22 35	0 56	22 47	1 49	21 8	21 1	19 6			n.a.
W25	23 20	21 28	5 2	24 54	1 1	25 0	1 10	5 12	1 22	22 47	1 22	14 18	1 33	15 36	0 47	22 35	0 56	22 46	1 49	21 8	21 1	19 9			n.a.
T 26	23 26	17 10	5 16	24 41	0 51	25 4	1 12	5 19	1 23	22 48	1 22	14 20	1 33	15 35	0 47	22 35	0 56	22 46	1 50	21 8	21 0	19 11			n.a.
F 27	23 31	12 12	5 13	24 26	0 40	25 7	1 13	5 26	1 23	22 49	1 22	14 22	1 33	15 35	0 47	22 36	0 56	22 46	1 50	21 7	20 59	19 14			n.a.
S 28	23 35	6 52	4 55	24 9	0 28	25 10	1 14	5 33	1 24	22 51	1 22	14 23	1 33	15 34	0 47	22 36	0 56	22 46	1 50	21 7	20 59	19 16			n.a.
S 29	23 39	1 24	4 23	23 51	0 15	25 11	1 15	5 41	1 24	22 52	1 23	14 25	1 33	15 33	0 47	22 36	0 56	22 45	1 50	21 8	20 58	19 18			n.a.
M30	23 43	4s 1	3 41	23 31	0 2	25 12	1 17	5 48	1 25	22 53	1 23	14 27	1 33	15 33	0 47	22 36	0 56	22 45	1 50	21 8	20 57	19 21			n.a.
T 31	23s46	9s14	2n49	23s11	0n12	25s12	1s18	5n56	1n25	22n54	1n23	14s29	1n33	15s32	0s47	22n37	0n57	22n45	1n50	21n 8	20n57	19s23			n.a.

Julian Day Number = 984317.5, Delta T = 13h10m04s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'42, Lahiri = -31°46'42 Julian Calendar 1 Dec. 2019 BCE == Greg. Calendar 14 Nov. 2019 BCE

The year -2018 astronomical counting style corresponds to year 2019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

JANUARY 2018 BCE (-2017) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 32 27	24♐41'30	12♏16	12♑50	3♑52	11♈46	25°R 2	12♏45	21♒ 2	24°R19	1°R52	2♊47	1♊45	26♏52	n.a.	W 1
T 2	5 36 24	25°42'04	24° 2	13°46	5° 7	12° 5	24♋56	12°51	21° 4	24♋18	1♊51	2°48	1°42	26°59	n.a.	T 2
F 3	5 40 20	26°42'35	5♐49	14°33	6°22	12°25	24°50	12°57	21° 6	24°17	1°50	2°R48	1°39	27° 5	n.a.	F 3
S 4	5 44 17	27°43'06	17°41	15°12	7°36	12°44	24°44	13° 2	21° 8	24°15	1°48	2°47	1°36	27°12	n.a.	S 4
S 5	5 48 13	28°43'34	29°39	15°41	8°51	13° 4	24°37	13° 8	21°11	24°14	1°47	2°45	1°33	27°19	n.a.	S 5
M 6	5 52 10	29°44'00	11♑45	16° 1	10° 6	13°24	24°31	13°14	21°13	24°12	1°46	2°41	1°29	27°25	n.a.	M 6
T 7	5 56 6	0♑44'25	24° 2	16°R10	11°21	13°45	24°24	13°19	21°16	24°11	1°45	2°37	1°26	27°32	n.a.	T 7
W 8	6 0 3	1°44'47	6♒29	16° 9	12°36	14° 6	24°18	13°25	21°18	24° 9	1°44	2°32	1°23	27°39	n.a.	W 8
T 9	6 4 0	2°45'08	19° 8	15°59	13°50	14°28	24°11	13°30	21°21	24° 8	1°43	2°27	1°20	27°45	n.a.	T 9
F 10	6 7 56	3°45'26	2♓ 2	15°38	15° 5	14°49	24° 4	13°35	21°23	24° 6	1°42	2°22	1°17	27°52	n.a.	F 10
S 11	6 11 53	4°45'42	15°10	15° 9	16°20	15°11	23°57	13°41	21°26	24° 5	1°40	2°19	1°14	27°59	n.a.	S 11
S 12	6 15 49	5°45'55	28°34	14°31	17°34	15°34	23°50	13°46	21°28	24° 3	1°39	2°18	1°10	28° 5	n.a.	S 12
M13	6 19 46	6°46'07	12♈17	13°45	18°49	15°56	23°43	13°51	21°31	24° 2	1°38	2°D18	1° 7	28°12	n.a.	M13
T 14	6 23 42	7°46'16	26°18	12°54	20° 4	16°19	23°36	13°56	21°34	24° 0	1°37	2°19	1° 4	28°19	n.a.	T 14
W15	6 27 39	8°46'22	10♉37	11°57	21°18	16°43	23°28	14° 1	21°36	23°59	1°36	2°20	1° 1	28°25	n.a.	W15
T 16	6 31 35	9°46'27	25°12	10°57	22°33	17° 6	23°21	14° 6	21°39	23°57	1°35	2°R21	0°58	28°32	n.a.	T 16
F 17	6 35 32	10°46'29	9♊59	9°55	23°47	17°30	23°14	14°11	21°42	23°55	1°34	2°21	0°55	28°39	n.a.	F 17
S 18	6 39 29	11°46'29	24°53	8°52	25° 2	17°54	23° 6	14°16	21°44	23°54	1°33	2°19	0°51	28°45	n.a.	S 18
S 19	6 43 25	12°46'27	9♋45	7°50	26°16	18°18	22°59	14°20	21°47	23°52	1°32	2°16	0°48	28°52	n.a.	S 19
M20	6 47 22	13°46'23	24°28	6°51	27°31	18°43	22°51	14°25	21°50	23°51	1°31	2°10	0°45	28°58	n.a.	M20
T 21	6 51 18	14°46'17	8♌53	5°55	28°45	19° 8	22°43	14°30	21°53	23°49	1°30	2° 3	0°42	29° 5	n.a.	T 21
W22	6 55 15	15°46'08	22°56	5° 4	29°59	19°33	22°36	14°34	21°56	23°47	1°30	1°56	0°39	29°12	n.a.	W22
T 23	6 59 11	16°45'58	6♍32	4°18	1♒14	19°58	22°28	14°39	21°59	23°46	1°29	1°50	0°35	29°18	n.a.	T 23
F 24	7 3 8	17°45'45	19°42	3°37	2°28	20°24	22°20	14°43	22° 2	23°44	1°28	1°44	0°32	29°25	n.a.	F 24
S 25	7 7 4	18°45'31	2♎26	3° 3	3°43	20°50	22°13	14°47	22° 5	23°42	1°27	1°41	0°29	29°32	n.a.	S 25
S 26	7 11 1	19°45'15	14°49	2°35	4°57	21°16	22° 5	14°52	22° 8	23°41	1°26	1°D39	0°26	29°38	n.a.	S 26
M27	7 14 57	20°44'57	26°55	2°14	6°11	21°42	21°57	14°56	22°11	23°39	1°25	1°39	0°23	29°45	n.a.	M27
T 28	7 18 54	21°44'37	8♏49	1°59	7°26	22° 8	21°49	15° 0	22°14	23°37	1°25	1°40	0°20	29°52	n.a.	T 28
W29	7 22 51	22°44'15	20°37	1°51	8°40	22°35	21°41	15° 4	22°17	23°36	1°24	1°42	0°16	29°58	n.a.	W29
T 30	7 26 47	23°43'51	2♐24	1°D49	9°54	23° 2	21°34	15° 8	22°20	23°34	1°23	1°R42	0°13	0♐ 5	n.a.	T 30
F 31	7 30 44	24♑43'26	14♐13	1♑53	11♒ 8	23♈29	21♋26	15♏12	22♒23	23♋32	1♊22	1♊41	0♊10	0♐12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	23 s49	14 s 4	1n51	22 s50	0n28	25 s11	1 s19	6n 4	1n26	22n56	1n23	14 s31	1n33	15 s31	0 s47	22n37	0n57	22n45	1n50	21n 8		20n56		19 s26			n.a.
T 2	23 51	18 23	0 48	22 29	0 43	25 9	1 20	6 11	1 26	22 57	1 24	14 32	1 33	15 30	0 47	22 37	0 57	22 45	1 50	21 9		20 55		19 28			n.a.
F 3	23 53	21 59	0 s17	22 8	1 0	25 7	1 21	6 20	1 27	22 58	1 24	14 34	1 33	15 30	0 47	22 38	0 57	22 44	1 50	21 9		20 55		19 31			n.a.
S 4	23 54	24 41	1 21	21 47	1 16	25 4	1 22	6 28	1 27	23 0	1 24	14 36	1 33	15 29	0 47	22 38	0 57	22 44	1 50	21 9		20 54		19 33			n.a.
S 5	23 55	26 18	2 22	21 27	1 33	25 0	1 23	6 36	1 28	23 1	1 24	14 37	1 33	15 28	0 47	22 38	0 57	22 44	1 50	21 8		20 53		19 35			n.a.
M 6	23 56	26 41	3 18	21 7	1 50	24 55	1 23	6 45	1 28	23 3	1 25	14 39	1 33	15 27	0 47	22 38	0 57	22 44	1 50	21 7		20 53		19 38			n.a.
T 7	23 55	25 46	4 5	20 49	2 7	24 50	1 24	6 53	1 28	23 4	1 25	14 41	1 33	15 26	0 47	22 39	0 57	22 44	1 50	21 6		20 52		19 40			n.a.
W 8	23 55	23 34	4 41	20 33	2 23	24 44	1 25	7 2	1 29	23 5	1 25	14 42	1 33	15 26	0 47	22 39	0 57	22 44	1 50	21 5		20 51		19 43			n.a.
T 9	23 54	20 11	5 4	20 19	2 39	24 36	1 25	7 11	1 29	23 7	1 25	14 44	1 33	15 25	0 47	22 39	0 57	22 43	1 50	21 4		20 51		19 45			n.a.
F 10	23 52	15 49	5 13	20 6	2 54	24 29	1 26	7 20	1 30	23 8	1 26	14 45	1 33	15 24	0 47	22 40	0 57	22 43	1 50	21 4		20 50		19 47			n.a.
S 11	23 50	10 38	5 5	19 56	3 8	24 20	1 27	7 29	1 30	23 10	1 26	14 47	1 33	15 23	0 47	22 40	0 57	22 43	1 50	21 3		20 49		19 50			n.a.
S 12	23 48	4 51	4 41	19 47	3 21	24 11	1 27	7 38	1 30	23 11	1 26	14 49	1 33	15 22	0 47	22 40	0 57	22 43	1 50	21 3		20 49		19 52			n.a.
M13	23 45	1n17	4 0	19 41	3 32	24 1	1 27	7 47	1 30	23 13	1 26	14 50	1 33	15 21	0 47	22 40	0 57	22 43	1 50	21 3		20 48		19 54			n.a.
T 14	23 42	7 30	3 4	19 37	3 41	23 50	1 28	7 56	1 31	23 14	1 26	14 52	1 34	15 20	0 47	22 41	0 57	22 42	1 50	21 3		20 47		19 57			n.a.
W15	23 38	13 29	1 56	19 36	3 48	23 39	1 28	8 6	1 31	23 16	1 26	14 53	1 34	15 19	0 47	22 41	0 57	22 42	1 50	21 3		20 47		19 59			n.a.
T 16	23 33	18 49	0 39	19 36	3 53	23 27	1 28	8 15	1 31	23 17	1 27	14 54	1 34	15 18	0 47	22 41	0 57	22 42	1 51	21 3		20 46		20 2			n.a.
F 17	23 29	23 5	0n41	19 38	3 56	23 14	1 28	8 25	1 32	23 18	1 27	14 56	1 34	15 18	0 47	22 42	0 57	22 42	1 51	21 3		20 45		20 4			n.a.
S 18	23 24	25 49	2 0	19 41	3 57	23 0	1 28	8 34	1 32	23 20	1 27	14 57	1 34	15 17	0 47	22 42	0 57	22 42	1 51	21 3		20 45		20 6			n.a.
S 19	23 18	26 42	3 9	19 47	3 55	22 46	1 28	8 44	1 32	23 21	1 27	14 59	1 34	15 16	0 46	22 42	0 57	22 42	1 51	21 2		20 44		20 9			n.a.
M20	23 12	25 41	4 5	19 53	3 52	22 31	1 28	8 54	1 32	23 23	1 27	15 0	1 34	15 15	0 46	22 43	0 57	22 41	1 51	21 1		20 43		20 11			n.a.
T 21	23 5	22 58	4 45	20 1	3 47	22 16	1 28	9 4	1 33	23 24	1 27	15 1	1 34	15 14	0 46	22 43	0 57	22 41	1 51	21 0		20 43		20 13			n.a.
W22	22 58	18 57	5 5	20 10	3 40	21 59	1 28	9 14	1 33	23 26	1 28	15 3	1 34	15 13	0 46	22 43	0 57	22 41	1 51	20 58		20 42		20 16			n.a.
T 23	22 51	14 3	5 8	20 20	3 31	21 43	1 27	9 24	1 33	23 27	1 28	15 4	1 34	15 12	0 46	22 44	0 57	22 41	1 51	20 57		20 41		20 18			n.a.
F 24	22 43	8 39	4 54	20 31	3 22	21 25	1 27	9 34	1 33	23 29	1 28	15 5	1 34	15 11	0 46	22 44	0 57	22 41	1 51	20 56		20 41		20 20			n.a.
S 25	22 35	3 4	4 26	20 42	3 11	21 7	1 27	9 44	1 33	23 30	1 28	15 6	1 34	15 10	0 46	22 44	0 57	22 41	1 51	20 55		20 40		20 23			n.a.
S 26	22 26	2 s29	3 46	20 55	3 0	20 48	1 26	9 54	1 34	23 31	1 28	15 7	1 34	15 9	0 46	22 44	0 57	22 41	1 51	20 55		20 39		20 25			n.a.
M27	22 17	7 50	2 57	21 7	2 47	20 29	1 26	10 4	1 34	23 33	1 28	15 9	1 34	15 8	0 46	22 45	0 57	22 40	1 51	20 55		20 39		20 27			n.a.
T 28	22 8	12 50	2 0	21 20	2 35	20 9	1 25	10 14	1 34	23 34	1 28	15 10	1 34	15 7	0 46	22 45	0 57	22 40	1 51	20 55		20 38		20 30			n.a.
W29	21 58	17 19	1 0	21 33	2 22	19 49	1 24	10 25	1 34	23 36	1 28	15 11	1 35	15 6	0 46	22 45	0 57	22 40	1 51	20 55		20 37		20 32			n.a.
T 30	21 48	21 7	0 s 4	21 46	2 8	19 28	1 23	10 35	1 34	23 37	1 28	15 12	1 35	15 5	0 46	22 46	0 57	22 40	1 51	20 55		20 37		20 34			n.a.
F 31	21 s37	24 s 5	1 s 7	22 s 0	1n55	19 s 6	1 s23	10n45	1n34	23n38	1n29	15 s13	1n35	15 s 4	0 s46	22n46	0n57	22n40	1n51	20n55		20n36		20 s36			n.a.

Julian Day Number = 984348.5, Delta T = 13h10m02s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'38, Lahiri = -31°46'38 Julian Calendar 1 Jan. 2018 BCE == Greg. Calendar 15 Dec. 2019 BCE

The year -2017 astronomical counting style corresponds to year 2018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

FEBRUARY 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 34 40	25♉42'58	26♐10	2♉ 3	12♒23	23♈56	21°R18	15♏16	22♒26	23°R31	1°R22	1°R38	0♊ 7	0♐18	n.a.	S 1
S 2	7 38 37	26°42'28	8♉17	2°18	13°37	24°24	21♋10	15°19	22°29	23♋29	1♊21	1♊32	0° 4	0°25	n.a.	S 2
M 3	7 42 33	27°41'56	20°36	2°38	14°51	24°51	21° 2	15°23	22°32	23°27	1°20	1°25	0° 1	0°32	n.a.	M 3
T 4	7 46 30	28°41'22	3♒ 9	3° 4	16° 5	25°19	20°55	15°26	22°36	23°26	1°20	1°15	29♉57	0°38	n.a.	T 4
W 5	7 50 26	29°40'45	15°56	3°33	17°19	25°47	20°47	15°30	22°39	23°24	1°19	1° 4	29°54	0°45	n.a.	W 5
T 6	7 54 23	0♒40'07	28°56	4° 8	18°33	26°15	20°39	15°33	22°42	23°22	1°18	0°54	29°51	0°51	n.a.	T 6
F 7	7 58 20	1°39'25	12♓ 8	4°46	19°47	26°44	20°32	15°36	22°45	23°21	1°18	0°44	29°48	0°58	n.a.	F 7
S 8	8 2 16	2°38'42	25°32	5°28	21° 1	27°12	20°24	15°40	22°49	23°19	1°17	0°37	29°45	1° 5	n.a.	S 8
S 9	8 6 13	3°37'56	9♈ 7	6°14	22°15	27°41	20°17	15°43	22°52	23°18	1°17	0°32	29°41	1°11	n.a.	S 9
M10	8 10 9	4°37'07	22°52	7° 3	23°29	28°10	20°10	15°46	22°55	23°16	1°16	0°29	29°38	1°18	n.a.	M10
T 11	8 14 6	5°36'16	6♉48	7°56	24°43	28°39	20° 2	15°49	22°58	23°14	1°16	0°D29	29°35	1°25	n.a.	T 11
W12	8 18 2	6°35'22	20°54	8°51	25°57	29° 8	19°55	15°51	23° 2	23°13	1°15	0°29	29°32	1°31	n.a.	W12
T 13	8 21 59	7°34'26	5♊10	9°50	27°11	29°38	19°48	15°54	23° 5	23°11	1°15	0°R29	29°29	1°38	n.a.	T 13
F 14	8 25 55	8°33'28	19°33	10°51	28°24	0♉ 7	19°41	15°57	23° 8	23°10	1°15	0°28	29°26	1°45	n.a.	F 14
S 15	8 29 52	9°32'27	4♋ 2	11°55	29°38	0°37	19°34	15°59	23°12	23° 8	1°14	0°24	29°22	1°51	n.a.	S 15
S 16	8 33 48	10°31'24	18°30	13° 1	0♓52	1° 6	19°27	16° 2	23°15	23° 6	1°14	0°18	29°19	1°58	n.a.	S 16
M17	8 37 45	11°30'18	2♌52	14°10	2° 5	1°36	19°20	16° 4	23°18	23° 5	1°14	0° 9	29°16	2° 5	n.a.	M17
T 18	8 41 42	12°29'10	17° 2	15°21	3°19	2° 6	19°13	16° 7	23°22	23° 3	1°13	29♉58	29°13	2°11	n.a.	T 18
W19	8 45 38	13°28'00	0♍55	16°34	4°33	2°36	19° 7	16° 9	23°25	23° 2	1°13	29°46	29°10	2°18	n.a.	W19
T 20	8 49 35	14°26'48	14°26	17°49	5°46	3° 7	19° 0	16°11	23°29	23° 0	1°13	29°35	29° 7	2°25	n.a.	T 20
F 21	8 53 31	15°25'33	27°34	19° 6	7° 0	3°37	18°54	16°13	23°32	22°59	1°12	29°25	29° 3	2°31	n.a.	F 21
S 22	8 57 28	16°24'17	10♎20	20°25	8°13	4° 8	18°48	16°15	23°35	22°57	1°12	29°18	29° 0	2°38	n.a.	S 22
S 23	9 1 24	17°22'59	22°44	21°46	9°27	4°38	18°42	16°17	23°39	22°56	1°12	29°14	28°57	2°44	n.a.	S 23
M24	9 5 21	18°21'39	4♏52	23° 9	10°40	5° 9	18°36	16°18	23°42	22°54	1°12	29°11	28°54	2°51	n.a.	M24
T 25	9 9 17	19°20'17	16°48	24°34	11°54	5°40	18°30	16°20	23°46	22°53	1°12	29°D11	28°51	2°58	n.a.	T 25
W26	9 13 14	20°18'53	28°37	26° 0	13° 7	6°11	18°24	16°22	23°49	22°51	1°12	29°R11	28°47	3° 4	n.a.	W26
T 27	9 17 10	21°17'28	10♐25	27°29	14°20	6°42	18°18	16°23	23°52	22°50	1°12	29°10	28°44	3°11	n.a.	T 27
F 28	9 21 7	22♒16'00	22♐17	28♉59	15♓33	7♉13	18♋13	16♏24	23♒56	22♋48	1♊12	29♉ 8	28♉41	3♐18	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s26	26s 0	2s 8	22s13	1n42	18s44	1s22	10n56	1n34	23n40	1n29	15s14	1n35	15s 3	0s46	22n46	0n57	22n40	1n51	20n55	20n35	20s39		n.a.
S 2	21 14	26 43	3 3	22 26	1 28	18 22	1 21	11 6	1 35	23 41	1 29	15 15	1 35	15 1	0 46	22 47	0 57	22 40	1 51	20 53	20 35	20 41		n.a.
M 3	21 3	26 7	3 51	22 39	1 15	17 59	1 20	11 17	1 35	23 42	1 29	15 16	1 35	15 0	0 46	22 47	0 57	22 40	1 51	20 52	20 34	20 43		n.a.
T 4	20 50	24 12	4 29	22 51	1 2	17 35	1 19	11 27	1 35	23 44	1 29	15 17	1 35	14 59	0 46	22 47	0 57	22 39	1 51	20 50	20 33	20 46		n.a.
W 5	20 38	21 3	4 54	23 3	0 50	17 11	1 18	11 38	1 35	23 45	1 29	15 18	1 35	14 58	0 46	22 47	0 57	22 39	1 51	20 47	20 33	20 48		n.a.
T 6	20 25	16 49	5 4	23 14	0 37	16 47	1 16	11 48	1 35	23 46	1 29	15 19	1 35	14 57	0 46	22 48	0 57	22 39	1 51	20 45	20 32	20 50		n.a.
F 7	20 12	11 43	4 58	23 25	0 25	16 22	1 15	11 59	1 35	23 47	1 29	15 20	1 35	14 56	0 46	22 48	0 57	22 39	1 51	20 43	20 31	20 52		n.a.
S 8	19 58	6 1	4 36	23 35	0 14	15 57	1 14	12 10	1 35	23 48	1 29	15 21	1 35	14 55	0 46	22 48	0 57	22 39	1 51	20 42	20 30	20 55		n.a.
S 9	19 44	0n 3	3 58	23 44	0 2	15 31	1 12	12 20	1 35	23 50	1 29	15 21	1 35	14 54	0 46	22 49	0 57	22 39	1 51	20 41	20 30	20 57		n.a.
M10	19 30	6 11	3 6	23 53	0s 9	15 5	1 11	12 31	1 35	23 51	1 29	15 22	1 36	14 53	0 46	22 49	0 57	22 39	1 51	20 40	20 29	20 59		n.a.
T 11	19 15	12 8	2 3	24 0	0 19	14 38	1 10	12 42	1 35	23 52	1 29	15 23	1 36	14 52	0 46	22 49	0 57	22 39	1 51	20 40	20 28	21 1		n.a.
W12	19 0	17 32	0 51	24 7	0 29	14 11	1 8	12 52	1 35	23 53	1 29	15 24	1 36	14 51	0 46	22 50	0 57	22 39	1 51	20 40	20 28	21 4		n.a.
T 13	18 45	22 0	0n25	24 12	0 39	13 44	1 6	13 3	1 36	23 54	1 29	15 24	1 36	14 49	0 46	22 50	0 57	22 39	1 51	20 40	20 27	21 6		n.a.
F 14	18 29	25 10	1 40	24 17	0 49	13 17	1 5	13 14	1 36	23 55	1 29	15 25	1 36	14 48	0 46	22 50	0 57	22 39	1 51	20 40	20 26	21 8		n.a.
S 15	18 14	26 40	2 48	24 20	0 57	12 49	1 3	13 24	1 36	23 56	1 29	15 26	1 36	14 47	0 46	22 50	0 57	22 39	1 51	20 39	20 26	21 10		n.a.
S 16	17 57	26 21	3 46	24 22	1 6	12 20	1 1	13 35	1 36	23 57	1 29	15 26	1 36	14 46	0 46	22 51	0 57	22 38	1 51	20 38	20 25	21 13		n.a.
M17	17 41	24 16	4 29	24 23	1 14	11 52	0 59	13 46	1 36	23 58	1 29	15 27	1 36	14 45	0 46	22 51	0 57	22 38	1 52	20 36	20 24	21 15		n.a.
T 18	17 24	20 42	4 54	24 22	1 22	11 23	0 57	13 56	1 36	23 59	1 29	15 28	1 36	14 44	0 46	22 51	0 57	22 38	1 52	20 33	20 23	21 17		n.a.
W19	17 7	16 3	5 2	24 21	1 29	10 54	0 55	14 7	1 36	24 0	1 29	15 28	1 36	14 43	0 46	22 51	0 57	22 38	1 52	20 31	20 23	21 19		n.a.
T 20	16 50	10 43	4 52	24 17	1 35	10 24	0 53	14 18	1 36	24 1	1 29	15 29	1 36	14 41	0 46	22 52	0 57	22 38	1 52	20 28	20 22	21 21		n.a.
F 21	16 32	5 3	4 27	24 13	1 42	9 55	0 51	14 28	1 36	24 2	1 29	15 29	1 37	14 40	0 46	22 52	0 57	22 38	1 52	20 26	20 21	21 24		n.a.
S 22	16 14	0s41	3 49	24 6	1 47	9 25	0 49	14 39	1 36	24 3	1 29	15 30	1 37	14 39	0 46	22 52	0 57	22 38	1 52	20 25	20 21	21 26		n.a.
S 23	15 56	6 14	3 1	23 59	1 53	8 55	0 47	14 50	1 36	24 3	1 29	15 30	1 37	14 38	0 46	22 52	0 57	22 38	1 52	20 24	20 20	21 28		n.a.
M24	15 38	11 27	2 5	23 49	1 57	8 24	0 45	15 0	1 36	24 4	1 29	15 31	1 37	14 37	0 46	22 53	0 57	22 38	1 52	20 23	20 19	21 30		n.a.
T 25	15 19	16 9	1 5	23 38	2 2	7 54	0 43	15 11	1 36	24 5	1 29	15 31	1 37	14 36	0 46	22 53	0 57	22 38	1 52	20 23	20 19	21 32		n.a.
W26	15 1	20 13	0 3	23 26	2 5	7 23	0 40	15 21	1 36	24 6	1 29	15 31	1 37	14 35	0 46	22 53	0 57	22 38	1 52	20 23	20 18	21 35		n.a.
T 27	14 42	23 26	0s59	23 12	2 9	6 52	0 38	15 32	1 36	24 6	1 29	15 32	1 37	14 33	0 46	22 53	0 57	22 38	1 52	20 23	20 17	21 37		n.a.
F 28	14s22	25s41	1s59	22s56	2s12	6s21	0s36	15n42	1n36	24n 7	1n28	15s32	1n37	14s32	0s46	22n54	0n57	22n38	1n52	20n22	20n16	21s39		n.a.

Julian Day Number = 984379.5, Delta T = 13h10m00s
Ecliptic obliquity = 23°55'38, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'34, Lahiri = -31°46'34 Julian Calendar 1 Feb. 2018 BCE == Greg. Calendar 15 Jan. 2018 BCE

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

MARCH 2018 BCE (-2017) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 25 4	23♒14'31	4♉18	0♒30	16♓47	7♉45	18°R 8	16♏26	23♒59	22°R47	1°R12	29°R 4	28♉38	3♐24	n.a.	S 1
S 2	9 29 0	24°13'00	16°33	2° 4	18° 0	8°16	18♋ 2	16°27	24° 3	22♋46	1°D12	28♉58	28°35	3°31	n.a.	S 2
M 3	9 32 57	25°11'27	29° 3	3°39	19°13	8°48	17°57	16°28	24° 6	22°44	1♊12	28°48	28°32	3°38	n.a.	M 3
T 4	9 36 53	26° 9'52	11♒51	5°15	20°26	9°19	17°52	16°29	24° 9	22°43	1°12	28°37	28°28	3°44	n.a.	T 4
W 5	9 40 50	27° 8'15	24°57	6°54	21°39	9°51	17°48	16°30	24°13	22°42	1°12	28°24	28°25	3°51	n.a.	W 5
T 6	9 44 46	28° 6'36	8♓20	8°34	22°52	10°23	17°43	16°30	24°16	22°40	1°12	28°11	28°22	3°58	n.a.	T 6
F 7	9 48 43	29° 4'55	21°56	10°15	24° 5	10°55	17°39	16°31	24°20	22°39	1°12	28° 0	28°19	4° 4	n.a.	F 7
S 8	9 52 39	0♓ 3'12	5♈44	11°59	25°18	11°27	17°35	16°32	24°23	22°38	1°12	27°50	28°16	4°11	n.a.	S 8
S 9	9 56 36	1° 1'27	19°39	13°44	26°31	11°59	17°31	16°32	24°27	22°37	1°12	27°44	28°12	4°17	n.a.	S 9
M10	10 0 32	1°59'39	3♉40	15°31	27°44	12°31	17°27	16°33	24°30	22°35	1°12	27°40	28° 9	4°24	n.a.	M10
T 11	10 4 29	2°57'50	17°44	17°19	28°57	13° 4	17°23	16°33	24°33	22°34	1°13	27°39	28° 6	4°31	n.a.	T 11
W12	10 8 26	3°55'58	1♊50	19° 9	0♈10	13°36	17°19	16°33	24°37	22°33	1°13	27°39	28° 3	4°37	n.a.	W12
T 13	10 12 22	4°54'04	15°57	21° 1	1°22	14° 9	17°16	16°R33	24°40	22°32	1°13	27°39	28° 0	4°44	n.a.	T 13
F 14	10 16 19	5°52'08	0♋ 4	22°54	2°35	14°41	17°13	16°33	24°43	22°31	1°13	27°37	27°57	4°51	n.a.	F 14
S 15	10 20 15	6°50'10	14°10	24°49	3°48	15°14	17°10	16°33	24°47	22°30	1°14	27°33	27°53	4°57	n.a.	S 15
S 16	10 24 12	7°48'10	28°13	26°46	5° 0	15°47	17° 7	16°33	24°50	22°29	1°14	27°26	27°50	5° 4	n.a.	S 16
M17	10 28 8	8°46'08	12♌ 9	28°45	6°13	16°19	17° 4	16°33	24°54	22°28	1°14	27°17	27°47	5°11	n.a.	M17
T 18	10 32 5	9°44'03	25°54	0♓45	7°25	16°52	17° 2	16°32	24°57	22°27	1°15	27° 6	27°44	5°17	n.a.	T 18
W19	10 36 1	10°41'57	9♍26	2°46	8°38	17°25	16°59	16°32	25° 0	22°26	1°15	26°54	27°41	5°24	n.a.	W19
T 20	10 39 58	11°39'49	22°41	4°50	9°50	17°58	16°57	16°31	25° 4	22°25	1°16	26°43	27°38	5°31	n.a.	T 20
F 21	10 43 54	12°37'40	5♎38	6°54	11° 2	18°32	16°55	16°30	25° 7	22°24	1°16	26°33	27°34	5°37	n.a.	F 21
S 22	10 47 51	13°35'29	18°16	9° 0	12°15	19° 5	16°53	16°30	25°10	22°23	1°17	26°25	27°31	5°44	n.a.	S 22
S 23	10 51 48	14°33'16	0♏37	11° 7	13°27	19°38	16°52	16°29	25°13	22°22	1°17	26°20	27°28	5°51	n.a.	S 23
M24	10 55 44	15°31'02	12°43	13°15	14°39	20°11	16°50	16°28	25°17	22°21	1°18	26°17	27°25	5°57	n.a.	M24
T 25	10 59 41	16°28'47	24°39	15°24	15°51	20°45	16°49	16°27	25°20	22°20	1°18	26°D16	27°22	6° 4	n.a.	T 25
W26	11 3 37	17°26'30	6♐29	17°34	17° 3	21°18	16°48	16°26	25°23	22°19	1°19	26°16	27°18	6°10	n.a.	W26
T 27	11 7 34	18°24'12	18°18	19°44	18°15	21°52	16°47	16°24	25°26	22°19	1°20	26°R16	27°15	6°17	n.a.	T 27
F 28	11 11 30	19°21'53	0♑11	21°55	19°27	22°26	16°46	16°23	25°30	22°18	1°20	26°16	27°12	6°24	n.a.	F 28
S 29	11 15 27	20°19'32	12°14	24° 5	20°39	22°59	16°46	16°22	25°33	22°17	1°21	26°14	27° 9	6°30	n.a.	S 29
S 30	11 19 23	21°17'10	24°33	26°15	21°51	23°33	16°46	16°20	25°36	22°17	1°22	26° 9	27° 6	6°37	n.a.	S 30
M31	11 23 20	22♓14'47	7♒ 9	28♓24	23♈ 3	24♉ 7	16°D45	16♏19	25♒39	22♋16	1♊22	26♉ 2	27♉ 3	6♐44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s 3	26s46	2s55	22s38	2s14	5s50	0s33	15n53	1n36	24n 8	1n28	15s32	1n37	14s31	0s46	22n54	0n57	22n38	1n52	20n22	20n16	21s41		n.a.	
S 2	13 43	26 34	3 43	22 18	2 16	5 19	0 31	16 3	1 36	24 8	1 28	15 32	1 37	14 30	0 46	22 54	0 57	22 38	1 52	20 20	20 15	21 43		n.a.	
M 3	13 23	25 1	4 21	21 57	2 17	4 47	0 28	16 14	1 36	24 9	1 28	15 33	1 37	14 29	0 46	22 54	0 57	22 38	1 52	20 18	20 14	21 45		n.a.	
T 4	13 3	22 10	4 48	21 34	2 18	4 15	0 26	16 24	1 36	24 10	1 28	15 33	1 38	14 28	0 46	22 55	0 57	22 38	1 52	20 15	20 14	21 48		n.a.	
W 5	12 43	18 9	5 0	21 9	2 18	3 44	0 23	16 34	1 36	24 10	1 28	15 33	1 38	14 26	0 46	22 55	0 57	22 38	1 52	20 13	20 13	21 50		n.a.	
T 6	12 22	13 10	4 56	20 42	2 18	3 12	0 21	16 44	1 36	24 11	1 28	15 33	1 38	14 25	0 46	22 55	0 57	22 38	1 52	20 10	20 12	21 52		n.a.	
F 7	12 2	7 27	4 35	20 14	2 17	2 40	0 18	16 55	1 35	24 11	1 28	15 33	1 38	14 24	0 46	22 55	0 57	22 38	1 52	20 7	20 11	21 54		n.a.	
S 8	11 41	1 18	3 58	19 43	2 16	2 8	0 15	17 5	1 35	24 12	1 28	15 33	1 38	14 23	0 46	22 55	0 57	22 39	1 52	20 5	20 11	21 56		n.a.	
S 9	11 20	4n58	3 6	19 11	2 14	1 36	0 13	17 15	1 35	24 12	1 28	15 33	1 38	14 22	0 46	22 56	0 57	22 39	1 52	20 3	20 10	21 58		n.a.	
M10	10 59	11 4	2 3	18 36	2 12	1 4	0 10	17 25	1 35	24 12	1 27	15 33	1 38	14 21	0 46	22 56	0 57	22 39	1 52	20 3	20 9	22 0		n.a.	
T 11	10 37	16 38	0 52	18 0	2 9	0 32	0 7	17 35	1 35	24 13	1 27	15 33	1 38	14 19	0 46	22 56	0 57	22 39	1 52	20 2	20 8	22 3		n.a.	
W12	10 16	21 19	0n22	17 22	2 5	0 0	0 4	17 45	1 35	24 13	1 27	15 33	1 38	14 18	0 46	22 56	0 57	22 39	1 52	20 2	20 8	22 5		n.a.	
T 13	9 54	24 45	1 35	16 42	2 1	0n32	0 2	17 55	1 35	24 13	1 27	15 33	1 38	14 17	0 46	22 56	0 57	22 39	1 52	20 2	20 7	22 7		n.a.	
F 14	9 33	26 38	2 43	15 59	1 57	1 4	0n 1	18 5	1 35	24 14	1 27	15 33	1 39	14 16	0 46	22 57	0 57	22 39	1 52	20 2	20 6	22 9		n.a.	
S 15	9 11	26 48	3 40	15 15	1 52	1 36	0 4	18 15	1 35	24 14	1 27	15 33	1 39	14 15	0 46	22 57	0 57	22 39	1 52	20 1	20 6	22 11		n.a.	
S 16	8 49	25 14	4 23	14 30	1 46	2 8	0 7	18 24	1 35	24 14	1 27	15 33	1 39	14 14	0 46	22 57	0 57	22 39	1 52	19 59	20 5	22 13		n.a.	
M17	8 27	22 8	4 51	13 42	1 40	2 40	0 10	18 34	1 35	24 15	1 26	15 33	1 39	14 13	0 46	22 57	0 57	22 39	1 52	19 57	20 4	22 15		n.a.	
T 18	8 5	17 51	5 1	12 52	1 33	3 12	0 13	18 44	1 35	24 15	1 26	15 33	1 39	14 11	0 46	22 57	0 57	22 39	1 52	19 55	20 3	22 17		n.a.	
W19	7 42	12 43	4 54	12 1	1 26	3 43	0 15	18 53	1 35	24 15	1 26	15 32	1 39	14 10	0 46	22 57	0 57	22 39	1 52	19 52	20 3	22 19		n.a.	
T 20	7 20	7 6	4 31	11 8	1 18	4 15	0 18	19 3	1 35	24 15	1 26	15 32	1 39	14 9	0 46	22 58	0 57	22 40	1 52	19 49	20 2	22 21		n.a.	
F 21	6 57	1 18	3 55	10 14	1 9	4 47	0 21	19 12	1 34	24 15	1 26	15 32	1 39	14 8	0 46	22 58	0 57	22 40	1 52	19 47	20 1	22 23		n.a.	
S 22	6 35	4s26	3 7	9 17	1 1	5 18	0 24	19 21	1 34	24 15	1 26	15 32	1 39	14 7	0 46	22 58	0 57	22 40	1 52	19 45	20 0	22 25		n.a.	
S 23	6 12	9 52	2 12	8 20	0 52	5 50	0 27	19 31	1 34	24 15	1 26	15 31	1 39	14 6	0 46	22 58	0 57	22 40	1 52	19 44	20 0	22 28		n.a.	
M24	5 49	14 50	1 11	7 21	0 42	6 21	0 30	19 40	1 34	24 15	1 25	15 31	1 39	14 5	0 46	22 58	0 57	22 40	1 52	19 43	19 59	22 30		n.a.	
T 25	5 26	19 11	0 9	6 22	0 32	6 52	0 33	19 49	1 34	24 15	1 25	15 30	1 39	14 4	0 46	22 58	0 57	22 40	1 52	19 43	19 58	22 32		n.a.	
W26	5 4	22 43	0s54	5 21	0 22	7 23	0 36	19 58	1 34	24 15	1 25	15 30	1 40	14 3	0 46	22 58	0 57	22 40	1 52	19 43	19 57	22 34		n.a.	
T 27	4 41	25 18	1 55	4 19	0 12	7 54	0 39	20 7	1 34	24 15	1 25	15 30	1 40	14 1	0 46	22 59	0 57	22 41	1 52	19 43	19 57	22 36		n.a.	
F 28	4 18	26 46	2 50	3 17	0 1	8 24	0 42	20 15	1 34	24 15	1 25	15 29	1 40	14 0	0 46	22 59	0 57	22 41	1 52	19 43	19 56	22 38		n.a.	
S 29	3 54	27 0	3 40	2 15	0n 9	8 55	0 44	20 24	1 34	24 15	1 25	15 29	1 40	13 59	0 46	22 59	0 57	22 41	1 52	19 42	19 55	22 40		n.a.	
S 30	3 31	25 54	4 19	1 13	0 20	9 25	0 47	20 33	1 33	24 15	1 24	15 28	1 40	13 58	0 46	22 59	0 57	22 41	1 52	19 41	19 55	22 42		n.a.	
M31	3s 8	23s29	4s48	0s11	0n31	9n55	0n50	20n41	1n33	24n15	1n24	15s28	1n40	13s57	0s46	22n59	0n57	22n41	1n52	19n39	19n54	22s44		n.a.	

Julian Day Number = 984407.5, Delta T = 13h09m58s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'30, Lahiri = -31°46'30 Julian Calendar 1 March 2018 BCE == Greg. Calendar 12 Feb. 2018 BCE

The year -2017 astronomical counting style corresponds to year 2018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

APRIL 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 27 17	23♓12'23	20♒ 7	0♈32	24♈15	24♉41	16♋45	16°R17	25♒42	22°R15	1♊23	25°R53	26♉59	6♐50	n.a.	T 1
W 2	11 31 13	24° 9'57	3♓27	2°40	25°26	25°15	16°46	16♏15	25°45	22♋15	1°24	25♉43	26°56	6°57	n.a.	W 2
T 3	11 35 10	25° 7'30	17° 8	4°45	26°38	25°49	16°46	16°13	25°48	22°14	1°24	25°33	26°53	7° 4	n.a.	T 3
F 4	11 39 6	26° 5'02	1♈ 7	6°49	27°50	26°23	16°47	16°11	25°51	22°14	1°25	25°24	26°50	7°10	n.a.	F 4
S 5	11 43 3	27° 2'33	15°19	8°52	29° 1	26°57	16°47	16° 9	25°55	22°13	1°26	25°17	26°47	7°17	n.a.	S 5
S 6	11 46 59	28° 0'02	29°40	10°52	0♉13	27°32	16°48	16° 7	25°58	22°13	1°27	25°12	26°44	7°24	n.a.	S 6
M 7	11 50 56	28°57'29	14♉ 4	12°49	1°24	28° 6	16°49	16° 5	26° 1	22°12	1°28	25°10	26°40	7°30	n.a.	M 7
T 8	11 54 52	29°54'56	28°27	14°45	2°36	28°40	16°51	16° 3	26° 4	22°12	1°29	25°D 9	26°37	7°37	n.a.	T 8
W 9	11 58 49	0♈52'20	12♊44	16°37	3°47	29°15	16°52	16° 0	26° 7	22°11	1°30	25°10	26°34	7°44	n.a.	W 9
T 10	12 2 45	1°49'44	26°55	18°27	4°58	29°49	16°54	15°58	26° 9	22°11	1°31	25°R11	26°31	7°50	n.a.	T 10
F 11	12 6 42	2°47'06	10♋58	20°15	6° 9	0♊24	16°56	15°55	26°12	22°11	1°31	25°11	26°28	7°57	n.a.	F 11
S 12	12 10 39	3°44'26	24°51	21°59	7°20	0°58	16°58	15°53	26°15	22°10	1°32	25° 9	26°24	8° 3	n.a.	S 12
S 13	12 14 35	4°41'45	8♌35	23°41	8°31	1°33	17° 0	15°50	26°18	22°10	1°33	25° 5	26°21	8°10	n.a.	S 13
M14	12 18 32	5°39'03	22° 8	25°19	9°42	2° 8	17° 2	15°47	26°21	22°10	1°34	24°59	26°18	8°17	n.a.	M14
T 15	12 22 28	6°36'20	5♍28	26°55	10°53	2°43	17° 5	15°44	26°24	22°10	1°35	24°51	26°15	8°23	n.a.	T 15
W16	12 26 25	7°33'35	18°36	28°28	12° 4	3°18	17° 7	15°41	26°26	22° 9	1°36	24°43	26°12	8°30	n.a.	W16
T 17	12 30 21	8°30'49	1♎30	29°57	13°15	3°52	17°10	15°38	26°29	22° 9	1°38	24°35	26° 9	8°37	n.a.	T 17
F 18	12 34 18	9°28'02	14° 9	1♏24	14°26	4°27	17°13	15°35	26°32	22° 9	1°39	24°29	26° 5	8°43	n.a.	F 18
S 19	12 38 14	10°25'15	26°35	2°48	15°36	5° 2	17°17	15°32	26°35	22° 9	1°40	24°24	26° 2	8°50	n.a.	S 19
S 20	12 42 11	11°22'26	8♏47	4° 8	16°47	5°37	17°20	15°29	26°37	22° 9	1°41	24°20	25°59	8°57	n.a.	S 20
M21	12 46 8	12°19'37	20°48	5°25	17°57	6°13	17°24	15°26	26°40	22°D 9	1°42	24°D19	25°56	9° 3	n.a.	M21
T 22	12 50 4	13°16'48	2♐41	6°39	19° 8	6°48	17°27	15°23	26°43	22° 9	1°43	24°19	25°53	9°10	n.a.	T 22
W23	12 54 1	14°13'57	14°30	7°50	20°18	7°23	17°31	15°19	26°45	22° 9	1°44	24°21	25°49	9°17	n.a.	W23
T 24	12 57 57	15°11'07	26°19	8°57	21°28	7°58	17°35	15°16	26°48	22° 9	1°46	24°22	25°46	9°23	n.a.	T 24
F 25	13 1 54	16° 8'16	8♑12	10° 1	22°38	8°33	17°39	15°12	26°50	22° 9	1°47	24°23	25°43	9°30	n.a.	F 25
S 26	13 5 50	17° 5'24	20°16	11° 2	23°48	9° 9	17°44	15° 9	26°53	22°10	1°48	24°R24	25°40	9°37	n.a.	S 26
S 27	13 9 47	18° 2'32	2♒34	11°59	24°58	9°44	17°48	15° 5	26°55	22°10	1°49	24°23	25°37	9°43	n.a.	S 27
M28	13 13 44	18°59'40	15°12	12°52	26° 8	10°20	17°53	15° 1	26°57	22°10	1°50	24°20	25°34	9°50	n.a.	M28
T 29	13 17 40	19°56'47	28°12	13°42	27°18	10°55	17°58	14°58	27° 0	22°10	1°52	24°16	25°30	9°57	n.a.	T 29
W30	13 21 37	20♈53'55	11♓37	14♉28	28♉28	11♊31	18♋ 3	14♏54	27♒ 2	22♋11	1♊53	24♉11	25♉27	10♐ 3	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s45	19s50	5s 2	0n51	0n41	10n24	0n53	20n50	1n33	24n15	1n24	15s27	1n40	13s56	0s46	22n59	0n57	22n41	1n52	19n37	19n53	22s46		n.a.
W 2	2 22	15 6	5 1	1 52	0 52	10 54	0 56	20 58	1 33	24 14	1 24	15 27	1 40	13 55	0 46	22 59	0 57	22 42	1 52	19 35	19 52	22 48		n.a.
T 3	1 59	9 30	4 43	2 52	1 2	11 23	0 59	21 6	1 33	24 14	1 24	15 26	1 40	13 54	0 46	22 59	0 57	22 42	1 52	19 32	19 52	22 50		n.a.
F 4	1 35	3 19	4 8	3 51	1 11	11 52	1 1	21 15	1 33	24 14	1 24	15 25	1 40	13 53	0 46	22 59	0 57	22 42	1 52	19 30	19 51	22 52		n.a.
S 5	1 12	3n 9	3 16	4 49	1 21	12 21	1 4	21 23	1 33	24 14	1 23	15 25	1 40	13 52	0 46	22 59	0 57	22 42	1 52	19 28	19 50	22 54		n.a.
S 6	0 49	9 31	2 12	5 45	1 29	12 49	1 7	21 31	1 33	24 13	1 23	15 24	1 40	13 51	0 46	22 59	0 57	22 42	1 53	19 27	19 49	22 56		n.a.
M 7	0 25	15 27	0 59	6 40	1 38	13 17	1 10	21 38	1 32	24 13	1 23	15 23	1 40	13 50	0 46	22 59	0 57	22 42	1 53	19 27	19 49	22 58		n.a.
T 8	0 2	20 30	0n18	7 32	1 46	13 45	1 12	21 46	1 32	24 13	1 23	15 23	1 40	13 49	0 46	22 59	0 57	22 43	1 53	19 27	19 48	23 0		n.a.
W 9	0n21	24 20	1 33	8 24	1 53	14 12	1 15	21 54	1 32	24 12	1 23	15 22	1 41	13 48	0 46	23 0	0 57	22 43	1 53	19 27	19 47	23 2		n.a.
T 10	0 44	26 36	2 42	9 13	1 59	14 40	1 18	22 1	1 32	24 12	1 23	15 21	1 41	13 47	0 46	23 0	0 57	22 43	1 53	19 27	19 46	23 4		n.a.
F 11	1 8	27 8	3 41	10 0	2 5	15 6	1 20	22 9	1 32	24 12	1 22	15 20	1 41	13 46	0 46	23 0	0 57	22 43	1 53	19 27	19 46	23 6		n.a.
S 12	1 31	25 57	4 26	10 45	2 11	15 33	1 23	22 16	1 32	24 11	1 22	15 19	1 41	13 45	0 46	23 0	0 57	22 44	1 53	19 26	19 45	23 8		n.a.
S 13	1 54	23 13	4 55	11 28	2 15	15 59	1 25	22 23	1 32	24 11	1 22	15 19	1 41	13 44	0 46	23 0	0 57	22 44	1 53	19 25	19 44	23 10		n.a.
M14	2 17	19 14	5 7	12 8	2 19	16 24	1 28	22 30	1 31	24 10	1 22	15 18	1 41	13 43	0 46	23 0	0 57	22 44	1 53	19 24	19 43	23 11		n.a.
T 15	2 40	14 21	5 2	12 47	2 22	16 49	1 30	22 37	1 31	24 10	1 22	15 17	1 41	13 42	0 46	23 0	0 57	22 44	1 53	19 22	19 42	23 13		n.a.
W16	3 4	8 54	4 41	13 23	2 25	17 14	1 33	22 44	1 31	24 9	1 22	15 16	1 41	13 41	0 47	23 0	0 57	22 45	1 53	19 20	19 42	23 15		n.a.
T 17	3 27	3 9	4 6	13 57	2 26	17 39	1 35	22 50	1 31	24 9	1 21	15 15	1 41	13 40	0 47	23 0	0 57	22 45	1 53	19 18	19 41	23 17		n.a.
F 18	3 50	2s38	3 20	14 29	2 27	18 2	1 37	22 57	1 31	24 8	1 21	15 14	1 41	13 39	0 47	23 0	0 57	22 45	1 53	19 16	19 40	23 19		n.a.
S 19	4 12	8 13	2 25	14 59	2 27	18 26	1 40	23 3	1 31	24 7	1 21	15 13	1 41	13 38	0 47	23 0	0 57	22 45	1 53	19 15	19 39	23 21		n.a.
S 20	4 35	13 24	1 23	15 27	2 26	18 49	1 42	23 10	1 30	24 7	1 21	15 12	1 41	13 37	0 47	23 0	0 57	22 46	1 53	19 14	19 39	23 23		n.a.
M21	4 58	18 1	0 19	15 52	2 25	19 11	1 44	23 16	1 30	24 6	1 21	15 11	1 41	13 36	0 47	23 0	0 57	22 46	1 53	19 14	19 38	23 25		n.a.
T 22	5 21	21 52	0s45	16 15	2 23	19 33	1 46	23 22	1 30	24 6	1 20	15 10	1 41	13 36	0 47	23 0	0 57	22 46	1 53	19 14	19 37	23 27		n.a.
W23	5 43	24 47	1 48	16 36	2 20	19 55	1 48	23 28	1 30	24 5	1 20	15 9	1 41	13 35	0 47	23 0	0 57	22 46	1 53	19 14	19 36	23 29		n.a.
T 24	6 6	26 38	2 45	16 55	2 16	20 16	1 50	23 33	1 30	24 4	1 20	15 8	1 41	13 34	0 47	23 0	0 57	22 47	1 53	19 15	19 36	23 31		n.a.
F 25	6 28	27 16	3 36	17 11	2 11	20 37	1 52	23 39	1 29	24 3	1 20	15 7	1 41	13 33	0 47	23 0	0 57	22 47	1 53	19 15	19 35	23 32		n.a.
S 26	6 51	26 37	4 19	17 26	2 6	20 57	1 54	23 44	1 29	24 3	1 20	15 6	1 41	13 32	0 47	23 0	0 57	22 47	1 53	19 15	19 34	23 34		n.a.
S 27	7 13	24 41	4 50	17 38	2 0	21 16	1 56	23 50	1 29	24 2	1 20	15 5	1 41	13 31	0 47	22 59	0 56	22 48	1 53	19 15	19 33	23 36		n.a.
M28	7 35	21 30	5 8	17 49	1 53	21 35	1 57	23 55	1 29	24 1	1 19	15 4	1 41	13 30	0 47	22 59	0 56	22 48	1 53	19 14	19 32	23 38		n.a.
T 29	7 57	17 11	5 11	17 57	1 45	21 53	1 59	24 0	1 29	24 0	1 19	15 3	1 41	13 30	0 47	22 59	0 56	22 48	1 53	19 13	19 32	23 40		n.a.
W30	8n19	11s55	4s58	18n 3	1n37	22n11	2n 1	24n 5	1n28	23n59	1n19	15s 2	1n41	13s29	0s47	22n59	0n56	22n48	1n53	19n12	19n31	23s42		n.a.

Julian Day Number = 984438.5, Delta T = 13h09m56s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'26, Lahiri = -31°46'26 Julian Calendar 1 Apr. 2018 BCE == Greg. Calendar 15 March 2018 BCE

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

MAY 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 25 33	21♈51'01	25♓27	15♉10	29♉38	12♊ 7	18♋ 8	14°R50	27♒ 4	22♋11	1♊54	24°R 6	25♉24	10♐10	n.a.	T 1
F 2	13 29 30	22°48'08	9♈40	15°48	0♊47	12°42	18°13	14♏46	27° 7	22°11	1°56	24♉ 2	25°21	10°16	n.a.	F 2
S 3	13 33 26	23°45'14	24°11	16°22	1°57	13°18	18°18	14°42	27° 9	22°12	1°57	23°58	25°18	10°23	n.a.	S 3
S 4	13 37 23	24°42'19	8♉54	16°52	3° 6	13°54	18°24	14°38	27°11	22°12	1°58	23°56	25°15	10°30	n.a.	S 4
M 5	13 41 19	25°39'25	23°42	17°18	4°16	14°30	18°30	14°34	27°13	22°12	2° 0	23°D56	25°11	10°36	n.a.	M 5
T 6	13 45 16	26°36'29	8♊27	17°39	5°25	15° 6	18°36	14°30	27°15	22°13	2° 1	23°56	25° 8	10°43	n.a.	T 6
W 7	13 49 13	27°33'34	23° 5	17°56	6°34	15°41	18°42	14°26	27°17	22°13	2° 2	23°57	25° 5	10°50	n.a.	W 7
T 8	13 53 9	28°30'38	7♋29	18° 8	7°43	16°17	18°48	14°22	27°19	22°14	2° 4	23°59	25° 2	10°56	n.a.	T 8
F 9	13 57 6	29°27'41	21°38	18°15	8°52	16°54	18°54	14°18	27°21	22°15	2° 5	24° 0	24°59	11° 3	n.a.	F 9
S 10	14 1 2	0♉24'44	5♌30	18°R18	10° 1	17°30	19° 0	14°14	27°23	22°15	2° 7	24°R 0	24°55	11°10	n.a.	S 10
S 11	14 4 59	1°21'47	19° 4	18°17	11°10	18° 6	19° 7	14° 9	27°25	22°16	2° 8	23°59	24°52	11°16	n.a.	S 11
M12	14 8 55	2°18'48	2♍22	18°11	12°18	18°42	19°14	14° 5	27°27	22°16	2°10	23°57	24°49	11°23	n.a.	M12
T 13	14 12 52	3°15'50	15°24	18° 0	13°27	19°18	19°21	14° 1	27°29	22°17	2°11	23°54	24°46	11°30	n.a.	T 13
W14	14 16 49	4°12'51	28°11	17°45	14°35	19°54	19°28	13°57	27°31	22°18	2°13	23°51	24°43	11°36	n.a.	W14
T 15	14 20 45	5° 9'52	10♎45	17°27	15°44	20°31	19°35	13°52	27°33	22°19	2°14	23°49	24°40	11°43	n.a.	T 15
F 16	14 24 42	6° 6'53	23° 7	17° 4	16°52	21° 7	19°42	13°48	27°34	22°19	2°16	23°46	24°36	11°50	n.a.	F 16
S 17	14 28 38	7° 3'54	5♏18	16°38	18° 0	21°44	19°49	13°44	27°36	22°20	2°17	23°45	24°33	11°56	n.a.	S 17
S 18	14 32 35	8° 0'56	17°19	16° 8	19° 8	22°20	19°57	13°39	27°38	22°21	2°19	23°44	24°30	12° 3	n.a.	S 18
M19	14 36 31	8°57'57	29°14	15°36	20°16	22°57	20° 4	13°35	27°39	22°22	2°20	23°D44	24°27	12°10	n.a.	M19
T 20	14 40 28	9°54'59	11♐ 4	15° 2	21°23	23°33	20°12	13°31	27°41	22°23	2°22	23°44	24°24	12°16	n.a.	T 20
W21	14 44 24	10°52'01	22°52	14°26	22°31	24°10	20°20	13°26	27°42	22°24	2°23	23°45	24°21	12°23	n.a.	W21
T 22	14 48 21	11°49'03	4♑41	13°49	23°38	24°46	20°28	13°22	27°44	22°25	2°25	23°47	24°17	12°30	n.a.	T 22
F 23	14 52 18	12°46'06	16°36	13°12	24°46	25°23	20°36	13°17	27°45	22°26	2°26	23°48	24°14	12°36	n.a.	F 23
S 24	14 56 14	13°43'09	28°39	12°35	25°53	26° 0	20°44	13°13	27°46	22°27	2°28	23°48	24°11	12°43	n.a.	S 24
S 25	15 0 11	14°40'13	10♒57	11°58	27° 0	26°37	20°52	13° 9	27°48	22°28	2°29	23°R49	24° 8	12°49	n.a.	S 25
M26	15 4 7	15°37'18	23°32	11°24	28° 7	27°13	21° 1	13° 4	27°49	22°29	2°31	23°49	24° 5	12°56	n.a.	M26
T 27	15 8 4	16°34'23	6♓29	10°51	29°13	27°50	21° 9	13° 0	27°50	22°30	2°33	23°48	24° 1	13° 3	n.a.	T 27
W28	15 12 0	17°31'29	19°52	10°21	0♋20	28°27	21°18	12°55	27°51	22°31	2°34	23°48	23°58	13° 9	n.a.	W28
T 29	15 15 57	18°28'36	3♈40	9°54	1°27	29° 4	21°27	12°51	27°53	22°32	2°36	23°47	23°55	13°16	n.a.	T 29
F 30	15 19 54	19°25'43	17°55	9°31	2°33	29°41	21°36	12°47	27°54	22°34	2°37	23°47	23°52	13°23	n.a.	F 30
S 31	15 23 50	20♉22'51	2♉32	9♉12	3♋39	0♋18	21♋45	12♏42	27♒55	22♋35	2♊39	23♉46	23♉49	13♐29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	8n41	5s54	4s27	18n 6	1n27	22n28	2n 2	24n10	1n28	23n59	1n19	15s 0	1n41	13s28	0s47	22n59	0n56	22n49	1n53	19n11	19n30	23s44			n.a.
F 2	9 3	0n34	3 39	18 8	1 17	22 45	2 4	24 14	1 28	23 58	1 19	14 59	1 41	13 27	0 47	22 59	0 56	22 49	1 53	19 10	19 29	23 45			n.a.
S 3	9 24	7 9	2 36	18 8	1 7	23 1	2 5	24 19	1 28	23 57	1 19	14 58	1 41	13 27	0 47	22 59	0 56	22 49	1 53	19 9	19 29	23 47			n.a.
S 4	9 46	13 28	1 22	18 6	0 55	23 16	2 6	24 23	1 28	23 56	1 18	14 57	1 41	13 26	0 47	22 59	0 56	22 50	1 53	19 8	19 28	23 49			n.a.
M 5	10 7	19 3	0 1	18 2	0 43	23 31	2 7	24 27	1 27	23 55	1 18	14 56	1 41	13 25	0 47	22 59	0 56	22 50	1 53	19 8	19 27	23 51			n.a.
T 6	10 28	23 28	1n19	17 55	0 30	23 45	2 9	24 31	1 27	23 54	1 18	14 55	1 41	13 24	0 47	22 59	0 56	22 50	1 53	19 8	19 26	23 53			n.a.
W 7	10 49	26 18	2 33	17 47	0 17	23 58	2 10	24 35	1 27	23 53	1 18	14 53	1 41	13 24	0 47	22 59	0 56	22 51	1 53	19 9	19 25	23 55			n.a.
T 8	11 10	27 19	3 37	17 37	0 2	24 11	2 10	24 39	1 27	23 52	1 18	14 52	1 41	13 23	0 47	22 59	0 56	22 51	1 54	19 9	19 25	23 56			n.a.
F 9	11 30	26 31	4 26	17 25	0s12	24 23	2 11	24 42	1 27	23 51	1 18	14 51	1 41	13 22	0 47	22 58	0 56	22 51	1 54	19 9	19 24	23 58			n.a.
S 10	11 51	24 6	4 59	17 11	0 27	24 35	2 12	24 45	1 26	23 50	1 18	14 50	1 41	13 22	0 47	22 58	0 56	22 52	1 54	19 9	19 23	24 0			n.a.
S 11	12 11	20 21	5 14	16 56	0 43	24 46	2 13	24 49	1 26	23 49	1 17	14 48	1 41	13 21	0 47	22 58	0 56	22 52	1 54	19 9	19 22	24 2			n.a.
M12	12 31	15 40	5 11	16 39	0 59	24 56	2 13	24 52	1 26	23 47	1 17	14 47	1 41	13 20	0 47	22 58	0 56	22 52	1 54	19 9	19 22	24 4			n.a.
T 13	12 51	10 21	4 53	16 21	1 15	25 5	2 14	24 55	1 26	23 46	1 17	14 46	1 41	13 20	0 47	22 58	0 56	22 53	1 54	19 8	19 21	24 5			n.a.
W14	13 11	4 42	4 20	16 1	1 31	25 14	2 14	24 57	1 25	23 45	1 17	14 45	1 41	13 19	0 47	22 58	0 56	22 53	1 54	19 7	19 20	24 7			n.a.
T 15	13 30	1s 3	3 36	15 40	1 47	25 22	2 14	25 0	1 25	23 44	1 17	14 43	1 41	13 19	0 47	22 58	0 56	22 53	1 54	19 6	19 19	24 9			n.a.
F 16	13 50	6 40	2 41	15 18	2 3	25 30	2 15	25 2	1 25	23 43	1 17	14 42	1 41	13 18	0 47	22 57	0 56	22 54	1 54	19 6	19 18	24 11			n.a.
S 17	14 9	11 59	1 40	14 56	2 19	25 37	2 15	25 4	1 25	23 41	1 17	14 41	1 41	13 18	0 47	22 57	0 56	22 54	1 54	19 5	19 18	24 12			n.a.
S 18	14 28	16 47	0 35	14 33	2 34	25 43	2 15	25 6	1 24	23 40	1 16	14 40	1 41	13 17	0 48	22 57	0 56	22 54	1 54	19 5	19 17	24 14			n.a.
M19	14 47	20 53	0s30	14 9	2 49	25 48	2 15	25 8	1 24	23 39	1 16	14 38	1 41	13 16	0 48	22 57	0 56	22 55	1 54	19 5	19 16	24 16			n.a.
T 20	15 5	24 7	1 35	13 46	3 3	25 52	2 14	25 10	1 24	23 38	1 16	14 37	1 41	13 16	0 48	22 57	0 56	22 55	1 54	19 5	19 15	24 18			n.a.
W21	15 23	26 18	2 35	13 23	3 16	25 56	2 14	25 11	1 24	23 36	1 16	14 36	1 40	13 15	0 48	22 57	0 56	22 55	1 54	19 6	19 14	24 19			n.a.
T 22	15 41	27 18	3 28	13 0	3 28	26 0	2 14	25 13	1 23	23 35	1 16	14 35	1 40	13 15	0 48	22 56	0 56	22 56	1 54	19 6	19 14	24 21			n.a.
F 23	15 59	27 3	4 13	12 38	3 39	26 2	2 13	25 14	1 23	23 33	1 16	14 33	1 40	13 15	0 48	22 56	0 56	22 56	1 54	19 6	19 13	24 23			n.a.
S 24	16 17	25 32	4 47	12 18	3 49	26 4	2 12	25 15	1 23	23 32	1 16	14 32	1 40	13 14	0 48	22 56	0 56	22 57	1 54	19 6	19 12	24 25			n.a.
S 25	16 34	22 47	5 9	11 59	3 57	26 5	2 12	25 16	1 23	23 31	1 15	14 31	1 40	13 14	0 48	22 56	0 56	22 57	1 54	19 6	19 11	24 26			n.a.
M26	16 51	18 55	5 17	11 42	4 4	26 5	2 11	25 16	1 22	23 29	1 15	14 29	1 40	13 13	0 48	22 56	0 56	22 57	1 54	19 6	19 10	24 28			n.a.
T 27	17 8	14 5	5 10	11 26	4 10	26 5	2 10	25 17	1 22	23 28	1 15	14 28	1 40	13 13	0 48	22 56	0 56	22 58	1 54	19 6	19 10	24 30			n.a.
W28	17 24	8 27	4 45	11 13	4 13	26 4	2 8	25 17	1 22	23 26	1 15	14 27	1 40	13 13	0 48	22 55	0 56	22 58	1 54	19 6	19 9	24 31			n.a.
T 29	17 41	2 14	4 4	11 2	4 16	26 2	2 7	25 17	1 22	23 25	1 15	14 26	1 40	13 12	0 48	22 55	0 56	22 58	1 55	19 6	19 8	24 33			n.a.
F 30	17 57	4n18	3 6	10 54	4 17	26 0	2 6	25 17	1 21	23 23	1 15	14 24	1 40	13 12	0 48	22 55	0 56	22 59	1 55	19 6	19 7	24 35			n.a.
S 31	18n12	10n48	1s55	10n49	4s16	25n57	2n 4	25n17	1n21	23n22	1n15	14s23	1n40	13s11	0s48	22n55	0n56	22n59	1n55	19n 6	19n 6	24s36			n.a.

Julian Day Number = 984468.5, Delta T = 13h09m54s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'22, Lahiri = -31°46'21 Julian Calendar 1 May 2018 BCE == Greg. Calendar 14 Apr. 2018 BCE

The year -2017 astronomical counting style corresponds to year 2018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

JUNE 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 27 47	21♉20'00	17♉27	8°R58	4♋45	0♋56	21♋54	12°R38	27♒56	22♋36	2♊41	23°D46	23♉46	13♐36	n.a.	S 1
M 2	15 31 43	22°17'10	2♊31	8♉48	5°51	1°33	22° 3	12♏34	27°57	22°37	2°42	23♉46	23°42	13°43	n.a.	M 2
T 3	15 35 40	23°14'20	17°36	8°D44	6°56	2°10	22°12	12°29	27°58	22°39	2°44	23°46	23°39	13°49	n.a.	T 3
W 4	15 39 36	24°11'31	2♋34	8°45	8° 2	2°47	22°22	12°25	27°58	22°40	2°46	23°R46	23°36	13°56	n.a.	W 4
T 5	15 43 33	25° 8'42	17°16	8°51	9° 7	3°25	22°31	12°21	27°59	22°41	2°47	23°46	23°33	14° 3	n.a.	T 5
F 6	15 47 30	26° 5'54	1♌38	9° 3	10°12	4° 2	22°41	12°17	28° 0	22°43	2°49	23°46	23°30	14° 9	n.a.	F 6
S 7	15 51 26	27° 3'06	15°36	9°21	11°17	4°39	22°50	12°12	28° 1	22°44	2°51	23°46	23°26	14°16	n.a.	S 7
S 8	15 55 23	28° 0'18	29°11	9°45	12°22	5°17	23° 0	12° 8	28° 1	22°46	2°52	23°D46	23°23	14°23	n.a.	S 8
M 9	15 59 19	28°57'31	12♍23	10°14	13°27	5°54	23°10	12° 4	28° 2	22°47	2°54	23°46	23°20	14°29	n.a.	M 9
T 10	16 3 16	29°54'45	25°14	10°49	14°31	6°32	23°20	12° 0	28° 2	22°49	2°55	23°46	23°17	14°36	n.a.	T 10
W11	16 7 12	0♎51'59	7♎48	11°30	15°35	7° 9	23°30	11°56	28° 3	22°50	2°57	23°47	23°14	14°43	n.a.	W11
T 12	16 11 9	1°49'14	20° 8	12°16	16°39	7°47	23°40	11°52	28° 3	22°52	2°59	23°48	23°11	14°49	n.a.	T 12
F 13	16 15 5	2°46'30	2♏16	13° 9	17°42	8°25	23°50	11°48	28° 4	22°53	3° 0	23°48	23° 7	14°56	n.a.	F 13
S 14	16 19 2	3°43'47	14°15	14° 6	18°46	9° 2	24° 1	11°44	28° 4	22°55	3° 2	23°49	23° 4	15° 3	n.a.	S 14
S 15	16 22 59	4°41'05	26° 9	15° 9	19°49	9°40	24°11	11°40	28° 5	22°56	3° 4	23°R49	23° 1	15° 9	n.a.	S 15
M16	16 26 55	5°38'23	7♐58	16°18	20°52	10°18	24°22	11°36	28° 5	22°58	3° 5	23°49	22°58	15°16	n.a.	M16
T 17	16 30 52	6°35'43	19°47	17°32	21°54	10°56	24°32	11°33	28° 5	23° 0	3° 7	23°48	22°55	15°23	n.a.	T 17
W18	16 34 48	7°33'05	1♑36	18°50	22°57	11°34	24°43	11°29	28° 5	23° 1	3° 9	23°46	22°52	15°29	n.a.	W18
T 19	16 38 45	8°30'27	13°28	20°14	23°59	12°12	24°54	11°25	28° 5	23° 3	3°10	23°44	22°48	15°36	n.a.	T 19
F 20	16 42 41	9°27'51	25°27	21°43	25° 1	12°50	25° 4	11°21	28° 5	23° 5	3°12	23°42	22°45	15°43	n.a.	F 20
S 21	16 46 38	10°25'16	7♒34	23°16	26° 2	13°28	25°15	11°18	28°R 5	23° 6	3°14	23°39	22°42	15°49	n.a.	S 21
S 22	16 50 35	11°22'42	19°52	24°53	27° 4	14° 6	25°26	11°14	28° 5	23° 8	3°15	23°38	22°39	15°56	n.a.	S 22
M23	16 54 31	12°20'10	2♓27	26°34	28° 4	14°44	25°37	11°11	28° 5	23°10	3°17	23°36	22°36	16° 3	n.a.	M23
T 24	16 58 28	13°17'40	15°20	28°19	29° 5	15°22	25°48	11° 8	28° 5	23°12	3°19	23°D36	22°32	16° 9	n.a.	T 24
W25	17 2 24	14°15'11	28°36	0♊ 7	0♌ 5	16° 1	25°59	11° 4	28° 5	23°14	3°20	23°37	22°29	16°16	n.a.	W25
T 26	17 6 21	15°12'44	12♈16	1°58	1° 5	16°39	26°11	11° 1	28° 5	23°15	3°22	23°38	22°26	16°22	n.a.	T 26
F 27	17 10 17	16°10'18	26°22	3°52	2° 5	17°17	26°22	10°58	28° 5	23°17	3°23	23°39	22°23	16°29	n.a.	F 27
S 28	17 14 14	17° 7'54	10♉53	5°48	3° 4	17°56	26°33	10°55	28° 4	23°19	3°25	23°40	22°20	16°36	n.a.	S 28
S 29	17 18 10	18° 5'32	25°45	7°46	4° 3	18°34	26°45	10°52	28° 4	23°21	3°27	23°R41	22°17	16°42	n.a.	S 29
M30	17 22 7	19♊ 3'12	10♊52	9♊45	5♌ 2	19♋13	26♋56	10♏49	28♒ 4	23♋23	3♊28	23♉40	22♉13	16♐49	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n28	16n49	0s35	10n46	4s14	25n53	2n 3	25n16	1n21	23n20	1n15	14s22	1n40	13s11	0s48	22n54	0n56	23n 0	1n55	19n 6	19n 6	24s38		n.a.
M 2	18 43	21 53	0n48	10 46	4 11	25 49	2 1	25 16	1 21	23 18	1 14	14 21	1 39	13 11	0 48	22 54	0 56	23 0	1 55	19 6	19 5	24 40		n.a.
T 3	18 58	25 28	2 9	10 49	4 7	25 43	1 59	25 15	1 20	23 17	1 14	14 19	1 39	13 11	0 48	22 54	0 56	23 0	1 55	19 6	19 4	24 41		n.a.
W 4	19 12	27 13	3 19	10 55	4 1	25 38	1 57	25 14	1 20	23 15	1 14	14 18	1 39	13 10	0 48	22 54	0 56	23 1	1 55	19 6	19 3	24 43		n.a.
T 5	19 26	27 0	4 16	11 3	3 54	25 31	1 55	25 13	1 20	23 13	1 14	14 17	1 39	13 10	0 48	22 53	0 56	23 1	1 55	19 6	19 2	24 45		n.a.
F 6	19 40	24 58	4 54	11 15	3 46	25 24	1 53	25 11	1 19	23 11	1 14	14 16	1 39	13 10	0 48	22 53	0 56	23 2	1 55	19 6	19 2	24 46		n.a.
S 7	19 54	21 28	5 14	11 29	3 37	25 16	1 51	25 10	1 19	23 10	1 14	14 15	1 39	13 10	0 48	22 53	0 56	23 2	1 55	19 6	19 1	24 48		n.a.
S 8	20 7	16 54	5 16	11 46	3 27	25 8	1 48	25 8	1 19	23 8	1 14	14 14	1 39	13 9	0 48	22 53	0 56	23 2	1 55	19 6	19 0	24 50		n.a.
M 9	20 20	11 40	5 1	12 5	3 17	24 59	1 45	25 6	1 19	23 6	1 14	14 12	1 39	13 9	0 48	22 52	0 56	23 3	1 55	19 6	18 59	24 51		n.a.
T 10	20 33	6 3	4 31	12 27	3 5	24 49	1 43	25 4	1 18	23 4	1 14	14 11	1 39	13 9	0 48	22 52	0 56	23 3	1 55	19 6	18 58	24 53		n.a.
W11	20 45	0 20	3 49	12 51	2 54	24 39	1 40	25 2	1 18	23 2	1 13	14 10	1 38	13 9	0 48	22 52	0 56	23 4	1 55	19 6	18 58	24 54		n.a.
T 12	20 57	5s19	2 56	13 17	2 41	24 28	1 37	24 59	1 18	23 1	1 13	14 9	1 38	13 9	0 48	22 52	0 56	23 4	1 55	19 6	18 57	24 56		n.a.
F 13	21 8	10 41	1 57	13 45	2 28	24 16	1 34	24 56	1 17	22 59	1 13	14 8	1 38	13 9	0 49	22 51	0 56	23 4	1 55	19 6	18 56	24 58		n.a.
S 14	21 20	15 36	0 53	14 15	2 15	24 4	1 30	24 54	1 17	22 57	1 13	14 7	1 38	13 9	0 49	22 51	0 56	23 5	1 55	19 6	18 55	24 59		n.a.
S 15	21 30	19 53	0s13	14 47	2 2	23 52	1 27	24 51	1 17	22 55	1 13	14 6	1 38	13 9	0 49	22 51	0 56	23 5	1 56	19 7	18 54	25 1		n.a.
M16	21 41	23 22	1 18	15 20	1 48	23 39	1 23	24 47	1 16	22 53	1 13	14 5	1 38	13 8	0 49	22 50	0 56	23 5	1 56	19 6	18 53	25 2		n.a.
T 17	21 51	25 50	2 19	15 54	1 34	23 25	1 20	24 44	1 16	22 51	1 13	14 4	1 38	13 8	0 49	22 50	0 56	23 6	1 56	19 6	18 53	25 4		n.a.
W18	22 1	27 9	3 14	16 29	1 20	23 11	1 16	24 40	1 16	22 49	1 13	14 3	1 37	13 8	0 49	22 50	0 56	23 6	1 56	19 6	18 52	25 5		n.a.
T 19	22 10	27 14	4 1	17 6	1 7	22 56	1 12	24 36	1 16	22 47	1 13	14 2	1 37	13 8	0 49	22 50	0 56	23 7	1 56	19 5	18 51	25 7		n.a.
F 20	22 19	26 2	4 38	17 43	0 53	22 40	1 8	24 32	1 15	22 45	1 13	14 1	1 37	13 8	0 49	22 49	0 56	23 7	1 56	19 5	18 50	25 9		n.a.
S 21	22 28	23 38	5 3	18 20	0 40	22 25	1 4	24 28	1 15	22 42	1 13	14 0	1 37	13 8	0 49	22 49	0 56	23 7	1 56	19 4	18 49	25 10		n.a.
S 22	22 36	20 7	5 15	18 57	0 26	22 8	0 59	24 24	1 15	22 40	1 13	13 59	1 37	13 8	0 49	22 49	0 56	23 8	1 56	19 4	18 48	25 12		n.a.
M23	22 44	15 39	5 12	19 34	0 13	21 52	0 55	24 19	1 14	22 38	1 12	13 58	1 37	13 9	0 49	22 48	0 56	23 8	1 56	19 3	18 48	25 13		n.a.
T 24	22 51	10 23	4 53	20 10	0 1	21 34	0 50	24 15	1 14	22 36	1 12	13 57	1 36	13 9	0 49	22 48	0 56	23 9	1 56	19 3	18 47	25 15		n.a.
W25	22 59	4 31	4 19	20 46	0n11	21 17	0 45	24 10	1 14	22 34	1 12	13 56	1 36	13 9	0 49	22 48	0 56	23 9	1 56	19 3	18 46	25 16		n.a.
T 26	23 5	1n45	3 29	21 21	0 22	20 59	0 40	24 5	1 13	22 32	1 12	13 55	1 36	13 9	0 49	22 47	0 56	23 9	1 56	19 4	18 45	25 18		n.a.
F 27	23 12	8 8	2 25	21 54	0 33	20 40	0 35	23 59	1 13	22 29	1 12	13 54	1 36	13 9	0 49	22 47	0 56	23 10	1 56	19 4	18 44	25 19		n.a.
S 28	23 17	14 17	1 10	22 25	0 43	20 21	0 30	23 54	1 13	22 27	1 12	13 53	1 36	13 9	0 49	22 47	0 56	23 10	1 57	19 4	18 44	25 21		n.a.
S 29	23 23	19 46	0n11	22 55	0 53	20 2	0 24	23 48	1 12	22 25	1 12	13 53	1 36	13 9	0 49	22 46	0 56	23 11	1 57	19 4	18 43	25 22		n.a.
M30	23n28	24n 4	1n33	23n23	1n 2	19n42	0n19	23n42	1n12	22n22	1n12	13s52	1n35	13s 9	0s49	22n46	0n56	23n11	1n57	19n 4	18n42	25s24		n.a.

Julian Day Number = 984499.5, Delta T = 13h09m52s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'18, Lahiri = -31°46'17 Julian Calendar 1 June 2018 BCE == Greg. Calendar 15 May 2018 BCE

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

JULY 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 26 4	20♊ 0'53	26♊ 5	11♊45	6♌ 0	19♋51	27♋ 8	10°R46	28°R 3	23♋25	3♊30	23°R38	22♉10	16♐56	n.a.	T 1
W 2	17 30 0	20°58'36	11♋14	13°47	6°58	20°30	27°19	10♏43	28♒ 3	23°27	3°32	23♉35	22° 7	17° 2	n.a.	W 2
T 3	17 33 57	21°56'20	26°10	15°48	7°55	21° 8	27°31	10°40	28° 2	23°29	3°33	23°31	22° 4	17° 9	n.a.	T 3
F 4	17 37 53	22°54'05	10♌45	17°50	8°52	21°47	27°43	10°37	28° 1	23°31	3°35	23°27	22° 1	17°16	n.a.	F 4
S 5	17 41 50	23°51'52	24°54	19°52	9°49	22°26	27°55	10°35	28° 1	23°33	3°36	23°24	21°58	17°22	n.a.	S 5
S 6	17 45 46	24°49'40	8♍35	21°53	10°45	23° 5	28° 7	10°32	28° 0	23°35	3°38	23°21	21°54	17°29	n.a.	S 6
M 7	17 49 43	25°47'29	21°49	23°54	11°40	23°43	28°18	10°30	27°59	23°37	3°39	23°D20	21°51	17°36	n.a.	M 7
T 8	17 53 40	26°45'20	4♎38	25°54	12°35	24°22	28°30	10°27	27°59	23°39	3°41	23°20	21°48	17°42	n.a.	T 8
W 9	17 57 36	27°43'12	17° 6	27°54	13°30	25° 1	28°42	10°25	27°58	23°41	3°42	23°21	21°45	17°49	n.a.	W 9
T 10	18 1 33	28°41'06	29°18	29°52	14°24	25°40	28°55	10°23	27°57	23°43	3°44	23°23	21°42	17°56	n.a.	T 10
F 11	18 5 29	29°39'01	11♏19	1♋50	15°17	26°19	29° 7	10°21	27°56	23°45	3°46	23°25	21°38	18° 2	n.a.	F 11
S 12	18 9 26	0♋36'57	23°11	3°46	16°10	26°58	29°19	10°19	27°55	23°47	3°47	23°R25	21°35	18° 9	n.a.	S 12
S 13	18 13 22	1°34'56	5♐ 0	5°41	17° 2	27°38	29°31	10°17	27°54	23°49	3°49	23°24	21°32	18°16	n.a.	S 13
M14	18 17 19	2°32'56	16°48	7°35	17°54	28°17	29°43	10°15	27°53	23°51	3°50	23°22	21°29	18°22	n.a.	M14
T 15	18 21 15	3°30'58	28°38	9°28	18°45	28°56	29°56	10°13	27°52	23°53	3°51	23°18	21°26	18°29	n.a.	T 15
W16	18 25 12	4°29'02	10♑31	11°20	19°35	29°35	0♌ 8	10°12	27°51	23°55	3°53	23°11	21°23	18°36	n.a.	W16
T 17	18 29 9	5°27'07	22°31	13°10	20°24	0♌14	0°20	10°10	27°49	23°57	3°54	23° 4	21°19	18°42	n.a.	T 17
F 18	18 33 5	6°25'15	4♒38	14°59	21°13	0°54	0°33	10° 8	27°48	24° 0	3°56	22°56	21°16	18°49	n.a.	F 18
S 19	18 37 2	7°23'24	16°54	16°47	22° 1	1°33	0°45	10° 7	27°47	24° 2	3°57	22°48	21°13	18°56	n.a.	S 19
S 20	18 40 58	8°21'36	29°20	18°34	22°49	2°13	0°58	10° 6	27°46	24° 4	3°59	22°41	21°10	19° 2	n.a.	S 20
M21	18 44 55	9°19'50	11♓59	20°19	23°35	2°52	1°10	10° 4	27°44	24° 6	4° 0	22°36	21° 7	19° 9	n.a.	M21
T 22	18 48 51	10°18'06	24°54	22° 3	24°21	3°32	1°23	10° 3	27°43	24° 8	4° 2	22°33	21° 4	19°16	n.a.	T 22
W23	18 52 48	11°16'24	8♈ 5	23°46	25° 6	4°11	1°35	10° 2	27°41	24°10	4° 3	22°D32	21° 0	19°22	n.a.	W23
T 24	18 56 44	12°14'44	21°37	25°28	25°50	4°51	1°48	10° 1	27°40	24°13	4° 4	22°32	20°57	19°29	n.a.	T 24
F 25	19 0 41	13°13'07	5♉31	27° 9	26°32	5°31	2° 1	10° 0	27°38	24°15	4° 6	22°33	20°54	19°36	n.a.	F 25
S 26	19 4 37	14°11'32	19°48	28°48	27°14	6°11	2°13	10° 0	27°37	24°17	4° 7	22°R34	20°51	19°42	n.a.	S 26
S 27	19 8 34	15°10'00	4♊25	0♌27	27°55	6°50	2°26	9°59	27°35	24°19	4° 8	22°33	20°48	19°49	n.a.	S 27
M28	19 12 31	16° 8'30	19°20	2° 4	28°35	7°30	2°39	9°59	27°34	24°21	4°10	22°31	20°44	19°56	n.a.	M28
T 29	19 16 27	17° 7'02	4♋25	3°40	29°14	8°10	2°52	9°58	27°32	24°24	4°11	22°26	20°41	20° 2	n.a.	T 29
W30	19 20 24	18° 5'36	19°31	5°15	29°52	8°50	3° 5	9°58	27°30	24°26	4°12	22°19	20°38	20° 9	n.a.	W30
T 31	19 24 20	19♋ 4'12	4♌29	6♌49	0♍29	9♌30	3♌17	9♏57	27♒28	24♋28	4♊13	22♉10	20♉35	20♐16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n33	26n41	2n49	23n48	1n10	19n22	0n13	23n36	1n12	22n20	1n12	13s51	1n35	13s10	0s49	22n46	0n56	23n11	1n57	19n 4	18n41	25s25			n.a.
W 2	23 37	27 18	3 52	24 11	1 17	19 2	0 7	23 30	1 11	22 18	1 12	13 50	1 35	13 10	0 49	22 45	0 56	23 12	1 57	19 3	18 40	25 27			n.a.
T 3	23 41	25 54	4 38	24 32	1 23	18 41	0 2	23 24	1 11	22 15	1 12	13 50	1 35	13 10	0 49	22 45	0 56	23 12	1 57	19 2	18 39	25 28			n.a.
F 4	23 44	22 47	5 6	24 50	1 29	18 20	0s 5	23 17	1 10	22 13	1 12	13 49	1 35	13 10	0 49	22 45	0 56	23 13	1 57	19 1	18 39	25 30			n.a.
S 5	23 47	18 23	5 13	25 6	1 34	17 59	0 11	23 10	1 10	22 10	1 12	13 48	1 34	13 11	0 49	22 44	0 56	23 13	1 57	19 0	18 38	25 31			n.a.
S 6	23 49	13 10	5 2	25 18	1 38	17 37	0 17	23 3	1 10	22 8	1 12	13 48	1 34	13 11	0 49	22 44	0 56	23 13	1 57	18 59	18 37	25 32			n.a.
M 7	23 52	7 31	4 35	25 28	1 42	17 15	0 24	22 56	1 9	22 5	1 12	13 47	1 34	13 11	0 49	22 44	0 56	23 14	1 57	18 59	18 36	25 34			n.a.
T 8	23 53	1 43	3 56	25 36	1 44	16 53	0 30	22 49	1 9	22 3	1 12	13 46	1 34	13 12	0 50	22 43	0 56	23 14	1 57	18 59	18 35	25 35			n.a.
W 9	23 54	4s 0	3 5	25 41	1 46	16 31	0 37	22 41	1 9	22 0	1 11	13 46	1 34	13 12	0 50	22 43	0 56	23 15	1 57	18 59	18 34	25 37			n.a.
T 10	23 55	9 28	2 8	25 43	1 48	16 9	0 44	22 34	1 8	21 58	1 11	13 45	1 34	13 12	0 50	22 43	0 56	23 15	1 58	19 0	18 33	25 38			n.a.
F 11	23 56	14 29	1 6	25 43	1 48	15 46	0 51	22 26	1 8	21 55	1 11	13 45	1 33	13 13	0 50	22 42	0 56	23 15	1 58	19 0	18 33	25 40			n.a.
S 12	23 56	18 56	0 1	25 41	1 48	15 23	0 59	22 18	1 8	21 52	1 11	13 44	1 33	13 13	0 50	22 42	0 56	23 16	1 58	19 0	18 32	25 41			n.a.
S 13	23 55	22 36	1s 3	25 36	1 48	15 0	1 6	22 9	1 7	21 50	1 11	13 44	1 33	13 13	0 50	22 41	0 56	23 16	1 58	19 0	18 31	25 42			n.a.
M14	23 54	25 19	2 4	25 29	1 47	14 37	1 14	22 1	1 7	21 47	1 11	13 44	1 33	13 14	0 50	22 41	0 56	23 16	1 58	19 0	18 30	25 44			n.a.
T 15	23 53	26 55	2 59	25 20	1 45	14 14	1 21	21 52	1 6	21 44	1 11	13 43	1 33	13 14	0 50	22 41	0 56	23 17	1 58	18 58	18 29	25 45			n.a.
W16	23 51	27 17	3 48	25 9	1 43	13 50	1 29	21 44	1 6	21 42	1 11	13 43	1 32	13 15	0 50	22 40	0 56	23 17	1 58	18 57	18 28	25 47			n.a.
T 17	23 49	26 22	4 26	24 56	1 41	13 27	1 37	21 35	1 6	21 39	1 11	13 43	1 32	13 15	0 50	22 40	0 56	23 18	1 58	18 55	18 28	25 48			n.a.
F 18	23 46	24 13	4 53	24 41	1 38	13 3	1 45	21 26	1 5	21 36	1 11	13 42	1 32	13 16	0 50	22 40	0 56	23 18	1 58	18 53	18 27	25 49			n.a.
S 19	23 43	20 57	5 7	24 25	1 35	12 40	1 54	21 16	1 5	21 33	1 11	13 42	1 32	13 16	0 50	22 39	0 56	23 18	1 58	18 51	18 26	25 51			n.a.
S 20	23 39	16 42	5 6	24 7	1 31	12 16	2 2	21 7	1 5	21 30	1 11	13 42	1 31	13 16	0 50	22 39	0 56	23 19	1 58	18 49	18 25	25 52			n.a.
M21	23 35	11 40	4 51	23 47	1 27	11 53	2 11	20 57	1 4	21 28	1 11	13 42	1 31	13 17	0 50	22 38	0 56	23 19	1 59	18 48	18 24	25 53			n.a.
T 22	23 31	6 3	4 21	23 26	1 22	11 29	2 19	20 48	1 4	21 25	1 11	13 42	1 31	13 18	0 50	22 38	0 56	23 19	1 59	18 47	18 23	25 55			n.a.
W23	23 26	0 2	3 36	23 4	1 18	11 6	2 28	20 38	1 3	21 22	1 11	13 41	1 31	13 18	0 50	22 38	0 56	23 20	1 59	18 47	18 22	25 56			n.a.
T 24	23 21	6n 9	2 39	22 40	1 12	10 43	2 37	20 27	1 3	21 19	1 11	13 41	1 31	13 19	0 50	22 37	0 56	23 20	1 59	18 47	18 22	25 57			n.a.
F 25	23 15	12 13	1 30	22 15	1 7	10 19	2 46	20 17	1 3	21 16	1 11	13 41	1 30	13 19	0 50	22 37	0 56	23 21	1 59	18 47	18 21	25 59			n.a.
S 26	23 9	17 48	0 15	21 49	1 1	9 56	2 55	20 7	1 2	21 13	1 11	13 41	1 30	13 20	0 50	22 36	0 56	23 21	1 59	18 47	18 20	26 0			n.a.
S 27	23 3	22 30	1n 3	21 22	0 56	9 33	3 5	19 56	1 2	21 10	1 11	13 41	1 30	13 20	0 50	22 36	0 56	23 21	1 59	18 47	18 19	26 1			n.a.
M28	22 56	25 48	2 19	20 54	0 49	9 10	3 14	19 45	1 1	21 7	1 11	13 41	1 30	13 21	0 50	22 36	0 56	23 22	1 59	18 46	18 18	26 3			n.a.
T 29	22 48	27 16	3 25	20 25	0 43	8 48	3 24	19 34	1 1	21 4	1 11	13 41	1 30	13 22	0 50	22 35	0 56	23 22	1 59	18 45	18 17	26 4			n.a.
W30	22 41	26 43	4 17	19 56	0 36	8 25	3 33	19 23	1 0	21 1	1 11	13 41	1 29	13 22	0 50	22 35	0 56	23 22	1 59	18 43	18 16	26 5			n.a.
T 31	22n32	24n14	4n51	19n26	0n30	8n 3	3s43	19n12	1n 0	20n58	1n11	13s41	1n29	13s23	0s50	22n34	0n56	23n23	2n 0	18n41	18n16	26s 6			n.a.

Julian Day Number = 984529.5, Delta T = 13h09m50s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'14, Lahiri = -31°46'13 Julian Calendar 1 July 2018 BCE == Greg. Calendar 14 June 2018 BCE

The year -2017 astronomical counting style corresponds to year 2018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

AUGUST 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 28 17	20♋ 2'51	19♌ 9	8♌22	1♍ 4	10♌10	3♌30	9°R57	27°R27	24♋30	4♊15	22°R 1	20♉32	20♐22	n.a.	F 1
S 2	19 32 13	21° 1'31	3♍25	9°53	1°38	10°51	3°43	9°D57	27♒25	24°33	4°16	21♉53	20°29	20°29	n.a.	S 2
S 3	19 36 10	22° 0'13	17°12	11°24	2°11	11°31	3°56	9♏57	27°23	24°35	4°17	21°46	20°25	20°36	n.a.	S 3
M 4	19 40 6	22°58'57	0♎30	12°54	2°42	12°11	4° 9	9°57	27°21	24°37	4°18	21°41	20°22	20°42	n.a.	M 4
T 5	19 44 3	23°57'43	13°22	14°22	3°12	12°51	4°22	9°58	27°19	24°39	4°19	21°39	20°19	20°49	n.a.	T 5
W 6	19 48 0	24°56'30	25°51	15°49	3°40	13°32	4°35	9°58	27°17	24°42	4°21	21°D39	20°16	20°56	n.a.	W 6
T 7	19 51 56	25°55'20	8♏ 1	17°16	4° 7	14°12	4°48	9°58	27°15	24°44	4°22	21°39	20°13	21° 2	n.a.	T 7
F 8	19 55 53	26°54'12	19°59	18°41	4°32	14°52	5° 1	9°59	27°13	24°46	4°23	21°R39	20°10	21° 9	n.a.	F 8
S 9	19 59 49	27°53'05	1♐49	20° 4	4°55	15°33	5°14	9°59	27°11	24°48	4°24	21°39	20° 6	21°16	n.a.	S 9
S 10	20 3 46	28°52'01	13°37	21°27	5°17	16°14	5°27	10° 0	27° 9	24°50	4°25	21°37	20° 3	21°22	n.a.	S 10
M11	20 7 42	29°50'58	25°26	22°49	5°37	16°54	5°40	10° 1	27° 7	24°53	4°26	21°32	20° 0	21°29	n.a.	M11
T 12	20 11 39	0♑49'58	7♑20	24° 9	5°55	17°35	5°53	10° 2	27° 5	24°55	4°27	21°24	19°57	21°36	n.a.	T 12
W13	20 15 35	1°49'00	19°21	25°28	6°11	18°15	6° 6	10° 3	27° 3	24°57	4°28	21°14	19°54	21°42	n.a.	W13
T 14	20 19 32	2°48'03	1♒31	26°45	6°25	18°56	6°19	10° 4	27° 1	24°59	4°29	21° 2	19°50	21°49	n.a.	T 14
F 15	20 23 28	3°47'09	13°51	28° 1	6°37	19°37	6°32	10° 5	26°59	25° 2	4°30	20°49	19°47	21°56	n.a.	F 15
S 16	20 27 25	4°46'18	26°22	29°16	6°47	20°18	6°45	10° 6	26°56	25° 4	4°31	20°36	19°44	22° 2	n.a.	S 16
S 17	20 31 22	5°45'28	9♓ 3	0♍29	6°55	20°59	6°59	10° 8	26°54	25° 6	4°32	20°25	19°41	22° 9	n.a.	S 17
M18	20 35 18	6°44'41	21°56	1°40	7° 0	21°40	7°12	10° 9	26°52	25° 8	4°33	20°15	19°38	22°16	n.a.	M18
T 19	20 39 15	7°43'56	5♈ 0	2°49	7° 4	22°21	7°25	10°11	26°50	25°10	4°34	20° 9	19°35	22°22	n.a.	T 19
W20	20 43 11	8°43'14	18°17	3°57	7°R 5	23° 2	7°38	10°13	26°47	25°13	4°35	20° 5	19°31	22°29	n.a.	W20
T 21	20 47 8	9°42'34	1♉48	5° 2	7° 3	23°43	7°51	10°14	26°45	25°15	4°35	20° 4	19°28	22°36	n.a.	T 21
F 22	20 51 4	10°41'57	15°35	6° 5	7° 0	24°24	8° 4	10°16	26°43	25°17	4°36	20° 4	19°25	22°42	n.a.	F 22
S 23	20 55 1	11°41'22	29°38	7° 6	6°53	25° 5	8°17	10°18	26°40	25°19	4°37	20° 4	19°22	22°49	n.a.	S 23
S 24	20 58 57	12°40'51	13♊57	8° 4	6°45	25°47	8°30	10°20	26°38	25°21	4°38	20° 2	19°19	22°56	n.a.	S 24
M25	21 2 54	13°40'21	28°31	8°59	6°34	26°28	8°43	10°22	26°36	25°23	4°38	19°58	19°16	23° 2	n.a.	M25
T 26	21 6 50	14°39'54	13♋15	9°51	6°21	27° 9	8°56	10°25	26°33	25°26	4°39	19°52	19°12	23° 9	n.a.	T 26
W27	21 10 47	15°39'29	28° 3	10°40	6° 5	27°51	9° 9	10°27	26°31	25°28	4°40	19°42	19° 9	23°16	n.a.	W27
T 28	21 14 44	16°39'07	12♌46	11°25	5°48	28°32	9°23	10°30	26°29	25°30	4°41	19°31	19° 6	23°22	n.a.	T 28
F 29	21 18 40	17°38'47	27°17	12° 5	5°28	29°14	9°36	10°32	26°26	25°32	4°41	19°18	19° 3	23°29	n.a.	F 29
S 30	21 22 37	18°38'29	11♍28	12°42	5° 5	29°56	9°49	10°35	26°24	25°34	4°42	19° 7	19° 0	23°36	n.a.	S 30
S 31	21 26 33	19♌38'12	25♍14	13♍13	4♍41	0♍37	10♌ 2	10♏37	26♒21	25♋36	4♊42	18♉57	18♉56	23♐42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n24	20n11	5n 5	18n55	0n23	7n41	3s53	19n 0	1n 0	20n55	1n11	13s42	1n29	13s23	0s50	22n34	0n56	23n23	2n 0	18n39	18n15	26s 8		n.a.
S 2	22 15	15 5	4 59	18 23	0 16	7 20	4 3	18 49	0 59	20 52	1 11	13 42	1 29	13 24	0 50	22 34	0 56	23 23	2 0	18 36	18 14	26 9		n.a.
S 3	22 5	9 22	4 36	17 51	0 8	6 59	4 13	18 37	0 59	20 49	1 11	13 42	1 29	13 25	0 50	22 33	0 56	23 24	2 0	18 35	18 13	26 10		n.a.
M 4	21 55	3 25	3 58	17 18	0 1	6 38	4 24	18 25	0 58	20 46	1 11	13 42	1 28	13 25	0 50	22 33	0 56	23 24	2 0	18 33	18 12	26 11		n.a.
T 5	21 45	2s29	3 10	16 45	0s 6	6 17	4 34	18 13	0 58	20 42	1 11	13 42	1 28	13 26	0 50	22 33	0 56	23 24	2 0	18 33	18 11	26 13		n.a.
W 6	21 35	8 7	2 13	16 12	0 14	5 57	4 44	18 1	0 57	20 39	1 11	13 43	1 28	13 27	0 50	22 32	0 56	23 25	2 0	18 33	18 10	26 14		n.a.
T 7	21 24	13 20	1 12	15 38	0 22	5 38	4 55	17 49	0 57	20 36	1 11	13 43	1 28	13 28	0 50	22 32	0 56	23 25	2 0	18 33	18 10	26 15		n.a.
F 8	21 12	17 57	0 9	15 4	0 30	5 19	5 5	17 36	0 57	20 33	1 11	13 44	1 27	13 28	0 50	22 31	0 56	23 25	2 0	18 33	18 9	26 16		n.a.
S 9	21 0	21 50	0s54	14 30	0 37	5 0	5 16	17 24	0 56	20 30	1 11	13 44	1 27	13 29	0 50	22 31	0 56	23 26	2 0	18 33	18 8	26 18		n.a.
S 10	20 48	24 47	1 54	13 56	0 45	4 43	5 27	17 11	0 56	20 26	1 11	13 44	1 27	13 30	0 50	22 31	0 56	23 26	2 1	18 32	18 7	26 19		n.a.
M11	20 36	26 40	2 49	13 21	0 53	4 25	5 37	16 58	0 55	20 23	1 11	13 45	1 27	13 31	0 51	22 30	0 56	23 26	2 1	18 31	18 6	26 20		n.a.
T 12	20 23	27 20	3 38	12 47	1 1	4 9	5 48	16 45	0 55	20 20	1 11	13 45	1 27	13 31	0 51	22 30	0 56	23 26	2 1	18 29	18 5	26 21		n.a.
W13	20 10	26 44	4 16	12 12	1 9	3 53	5 58	16 31	0 54	20 17	1 11	13 46	1 26	13 32	0 51	22 29	0 56	23 27	2 1	18 26	18 4	26 22		n.a.
T 14	19 56	24 50	4 44	11 38	1 17	3 38	6 9	16 18	0 54	20 13	1 11	13 46	1 26	13 33	0 51	22 29	0 56	23 27	2 1	18 23	18 3	26 24		n.a.
F 15	19 42	21 46	4 59	11 4	1 25	3 24	6 19	16 5	0 53	20 10	1 11	13 47	1 26	13 34	0 51	22 29	0 56	23 27	2 1	18 19	18 3	26 25		n.a.
S 16	19 28	17 39	4 59	10 31	1 33	3 11	6 30	15 51	0 53	20 7	1 11	13 48	1 26	13 34	0 51	22 28	0 56	23 28	2 1	18 16	18 2	26 26		n.a.
S 17	19 13	12 44	4 45	9 57	1 41	2 58	6 40	15 37	0 52	20 3	1 11	13 48	1 26	13 35	0 51	22 28	0 56	23 28	2 1	18 13	18 1	26 27		n.a.
M18	18 58	7 11	4 17	9 24	1 49	2 47	6 50	15 23	0 52	20 0	1 11	13 49	1 25	13 36	0 51	22 27	0 56	23 28	2 1	18 10	18 0	26 28		n.a.
T 19	18 43	1 15	3 34	8 52	1 57	2 36	7 0	15 9	0 52	19 57	1 11	13 50	1 25	13 37	0 51	22 27	0 56	23 29	2 2	18 9	17 59	26 29		n.a.
W20	18 27	4n51	2 40	8 20	2 5	2 27	7 10	14 55	0 51	19 53	1 12	13 50	1 25	13 38	0 51	22 27	0 56	23 29	2 2	18 8	17 58	26 31		n.a.
T 21	18 11	10 52	1 35	7 49	2 12	2 19	7 19	14 41	0 51	19 50	1 12	13 51	1 25	13 38	0 51	22 26	0 56	23 29	2 2	18 7	17 57	26 32		n.a.
F 22	17 54	16 28	0 24	7 18	2 20	2 12	7 29	14 26	0 50	19 46	1 12	13 52	1 24	13 39	0 51	22 26	0 56	23 29	2 2	18 7	17 56	26 33		n.a.
S 23	17 38	21 18	0n50	6 49	2 27	2 6	7 37	14 12	0 50	19 43	1 12	13 53	1 24	13 40	0 51	22 25	0 56	23 30	2 2	18 7	17 56	26 34		n.a.
S 24	17 21	24 58	2 3	6 21	2 34	2 1	7 46	13 57	0 49	19 39	1 12	13 54	1 24	13 41	0 51	22 25	0 56	23 30	2 2	18 7	17 55	26 35		n.a.
M25	17 4	27 3	3 8	5 54	2 40	1 57	7 54	13 42	0 49	19 36	1 12	13 54	1 24	13 42	0 51	22 25	0 56	23 30	2 2	18 6	17 54	26 36		n.a.
T 26	16 46	27 16	4 2	5 28	2 47	1 55	8 2	13 28	0 48	19 33	1 12	13 55	1 24	13 43	0 51	22 24	0 56	23 30	2 2	18 4	17 53	26 37		n.a.
W27	16 28	25 32	4 39	5 4	2 53	1 54	8 9	13 12	0 48	19 29	1 12	13 56	1 23	13 43	0 51	22 24	0 56	23 31	2 3	18 1	17 52	26 38		n.a.
T 28	16 10	22 4	4 58	4 41	2 58	1 54	8 15	12 57	0 47	19 26	1 12	13 57	1 23	13 44	0 51	22 24	0 56	23 31	2 3	17 58	17 51	26 39		n.a.
F 29	15 51	17 18	4 57	4 21	3 4	1 56	8 21	12 42	0 47	19 22	1 12	13 58	1 23	13 45	0 51	22 23	0 56	23 31	2 3	17 55	17 50	26 40		n.a.
S 30	15 33	11 40	4 38	4 2	3 8	1 59	8 27	12 27	0 46	19 19	1 12	13 59	1 23	13 46	0 51	22 23	0 56	23 31	2 3	17 51	17 49	26 42		n.a.
S 31	15n14	5n38	4n 3	3n47	3s12	2n 4	8s31	12n11	0n46	19n15	1n12	14s 0	1n23	13s47	0s51	22n22	0n56	23n32	2n 3	17n49	17n48	26s43		n.a.

Julian Day Number = 984560.5, Delta T = 13h09m48s
Ecliptic obliquity = 23°55'39, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'10, Lahiri = -31°46'09 Julian Calendar 1 Aug. 2018 BCE == Greg. Calendar 15 July 2018 BCE

The year -2017 astronomical counting style corresponds to year 2018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

SEPTEMBER 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 30 30	20♌37'58	8♎34	13♍38	4°R14	1♍19	10♌15	10♏40	26°R19	25♋38	4♊43	18°R50	18♉53	23♐49	n.a.	M 1
T 2	21 34 26	21°37'46	21°28	13°58	3♍46	2° 1	10°28	10°43	26♒16	25°40	4°44	18♉45	18°50	23°56	n.a.	T 2
W 3	21 38 23	22°37'36	3♏59	14°12	3°16	2°42	10°41	10°46	26°14	25°42	4°44	18°43	18°47	24° 2	n.a.	W 3
T 4	21 42 19	23°37'27	16°11	14°R18	2°45	3°24	10°54	10°49	26°11	25°44	4°45	18°43	18°44	24° 9	n.a.	T 4
F 5	21 46 16	24°37'21	28°10	14°17	2°12	4° 6	11° 7	10°52	26° 9	25°46	4°45	18°43	18°41	24°16	n.a.	F 5
S 6	21 50 12	25°37'16	10♐ 1	14° 7	1°38	4°48	11°19	10°56	26° 7	25°48	4°46	18°42	18°37	24°22	n.a.	S 6
S 7	21 54 9	26°37'13	21°50	13°50	1° 3	5°30	11°32	10°59	26° 4	25°50	4°46	18°40	18°34	24°29	n.a.	S 7
M 8	21 58 6	27°37'12	3♑41	13°23	0°27	6°12	11°45	11° 2	26° 2	25°52	4°46	18°35	18°31	24°36	n.a.	M 8
T 9	22 2 2	28°37'14	15°38	12°48	29♌51	6°54	11°58	11° 6	25°59	25°54	4°47	18°27	18°28	24°42	n.a.	T 9
W10	22 5 59	29°37'16	27°47	12° 3	29°14	7°37	12°11	11° 9	25°57	25°56	4°47	18°17	18°25	24°49	n.a.	W10
T 11	22 9 55	0♍37'21	10♒ 7	11°10	28°38	8°19	12°24	11°13	25°54	25°58	4°48	18° 5	18°22	24°56	n.a.	T 11
F 12	22 13 52	1°37'28	22°42	10° 9	28° 2	9° 1	12°36	11°17	25°52	26° 0	4°48	17°51	18°18	25° 3	n.a.	F 12
S 13	22 17 48	2°37'36	5♓31	9° 1	27°26	9°44	12°49	11°21	25°49	26° 2	4°48	17°38	18°15	25° 9	n.a.	S 13
S 14	22 21 45	3°37'47	18°33	7°48	26°51	10°26	13° 2	11°25	25°47	26° 4	4°48	17°26	18°12	25°16	n.a.	S 14
M15	22 25 41	4°38'00	1♈47	6°32	26°17	11° 8	13°14	11°29	25°45	26° 6	4°49	17°17	18° 9	25°23	n.a.	M15
T 16	22 29 38	5°38'14	15°11	5°14	25°44	11°51	13°27	11°33	25°42	26° 7	4°49	17°10	18° 6	25°29	n.a.	T 16
W17	22 33 34	6°38'31	28°45	3°58	25°13	12°33	13°40	11°37	25°40	26° 9	4°49	17° 6	18° 2	25°36	n.a.	W17
T 18	22 37 31	7°38'50	12♉28	2°45	24°44	13°16	13°52	11°41	25°37	26°11	4°49	17°D 5	17°59	25°43	n.a.	T 18
F 19	22 41 28	8°39'12	26°19	1°38	24°16	13°59	14° 5	11°45	25°35	26°13	4°49	17° 5	17°56	25°49	n.a.	F 19
S 20	22 45 24	9°39'36	10♊19	0°39	23°50	14°41	14°17	11°50	25°33	26°15	4°49	17°R 6	17°53	25°56	n.a.	S 20
S 21	22 49 21	10°40'01	24°27	29♌50	23°26	15°24	14°30	11°54	25°30	26°16	4°49	17° 5	17°50	26° 3	n.a.	S 21
M22	22 53 17	11°40'29	8♋41	29°11	23° 4	16° 7	14°42	11°59	25°28	26°18	4°49	17° 2	17°47	26° 9	n.a.	M22
T 23	22 57 14	12°41'00	23° 1	28°44	22°45	16°50	14°54	12° 3	25°26	26°20	4°R49	16°56	17°43	26°16	n.a.	T 23
W24	23 1 10	13°41'32	7♌22	28°28	22°28	17°33	15° 7	12° 8	25°23	26°21	4°49	16°49	17°40	26°23	n.a.	W24
T 25	23 5 7	14°42'06	21°39	28°D25	22°13	18°16	15°19	12°13	25°21	26°23	4°49	16°39	17°37	26°29	n.a.	T 25
F 26	23 9 3	15°42'42	5♍46	28°32	22° 1	18°59	15°31	12°18	25°19	26°25	4°49	16°28	17°34	26°36	n.a.	F 26
S 27	23 13 0	16°43'19	19°39	28°50	21°51	19°42	15°43	12°23	25°17	26°26	4°49	16°18	17°31	26°43	n.a.	S 27
S 28	23 16 57	17°43'59	3♎13	29°17	21°44	20°25	15°55	12°28	25°14	26°28	4°49	16° 9	17°27	26°49	n.a.	S 28
M29	23 20 53	18°44'40	16°25	29°54	21°39	21° 8	16° 7	12°33	25°12	26°29	4°49	16° 3	17°24	26°56	n.a.	M29
T 30	23 24 50	19♍45'22	29♎16	0♍38	21♌36	21♍51	16♌19	12♏38	25♒10	26♋31	4♊49	15♉59	17♉21	27♐ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n54	0s29	3n15	3n34	3s16	2n10	8s35	11n56	0n45	19n11	1n12	14s 1	1n22	13s48	0s51	22n22	0n56	23n32	2n 3	17n47	17n48	26s44		n.a.
T 2	14 35	6 24	2 19	3 23	3 18	2 17	8 38	11 40	0 45	19 8	1 12	14 3	1 22	13 48	0 51	22 22	0 56	23 32	2 3	17 45	17 47	26 45		n.a.
W 3	14 15	11 54	1 17	3 17	3 20	2 26	8 41	11 24	0 44	19 4	1 12	14 4	1 22	13 49	0 51	22 21	0 56	23 32	2 3	17 45	17 46	26 46		n.a.
T 4	13 55	16 48	0 13	3 14	3 20	2 36	8 42	11 8	0 44	19 1	1 12	14 5	1 22	13 50	0 51	22 21	0 56	23 32	2 3	17 45	17 45	26 47		n.a.
F 5	13 35	20 58	0s50	3 15	3 20	2 47	8 43	10 52	0 43	18 57	1 13	14 6	1 22	13 51	0 51	22 21	0 56	23 33	2 4	17 45	17 44	26 48		n.a.
S 6	13 14	24 13	1 50	3 20	3 18	2 59	8 42	10 36	0 43	18 54	1 13	14 7	1 21	13 52	0 51	22 20	0 56	23 33	2 4	17 44	17 43	26 49		n.a.
S 7	12 54	26 26	2 46	3 31	3 14	3 13	8 41	10 20	0 42	18 50	1 13	14 9	1 21	13 53	0 51	22 20	0 56	23 33	2 4	17 44	17 42	26 50		n.a.
M 8	12 33	27 26	3 34	3 46	3 9	3 28	8 39	10 4	0 42	18 47	1 13	14 10	1 21	13 54	0 51	22 20	0 56	23 33	2 4	17 42	17 41	26 51		n.a.
T 9	12 12	27 11	4 13	4 6	3 2	3 43	8 35	9 47	0 41	18 43	1 13	14 11	1 21	13 54	0 51	22 19	0 56	23 33	2 4	17 40	17 40	26 52		n.a.
W10	11 50	25 38	4 42	4 31	2 53	4 0	8 31	9 31	0 40	18 39	1 13	14 12	1 21	13 55	0 51	22 19	0 56	23 34	2 4	17 37	17 40	26 53		n.a.
T 11	11 29	22 50	4 58	5 1	2 43	4 17	8 26	9 14	0 40	18 36	1 13	14 14	1 20	13 56	0 51	22 18	0 56	23 34	2 4	17 34	17 39	26 54		n.a.
F 12	11 7	18 56	4 59	5 36	2 30	4 36	8 20	8 57	0 39	18 32	1 13	14 15	1 20	13 57	0 51	22 18	0 56	23 34	2 4	17 30	17 38	26 55		n.a.
S 13	10 45	14 6	4 46	6 16	2 16	4 54	8 13	8 41	0 39	18 29	1 13	14 16	1 20	13 58	0 51	22 18	0 56	23 34	2 5	17 26	17 37	26 56		n.a.
S 14	10 23	8 34	4 18	6 59	1 59	5 14	8 5	8 24	0 38	18 25	1 13	14 18	1 20	13 59	0 51	22 17	0 57	23 34	2 5	17 23	17 36	26 57		n.a.
M15	10 0	2 34	3 36	7 44	1 41	5 33	7 56	8 7	0 38	18 21	1 14	14 19	1 20	13 59	0 51	22 17	0 57	23 35	2 5	17 20	17 35	26 58		n.a.
T 16	9 38	3n38	2 41	8 31	1 22	5 53	7 47	7 50	0 37	18 18	1 14	14 21	1 20	14 0	0 51	22 17	0 57	23 35	2 5	17 18	17 34	26 59		n.a.
W17	9 15	9 46	1 36	9 18	1 2	6 13	7 37	7 33	0 37	18 14	1 14	14 22	1 19	14 1	0 51	22 17	0 57	23 35	2 5	17 17	17 33	27 0		n.a.
T 18	8 52	15 30	0 25	10 4	0 41	6 33	7 26	7 16	0 36	18 11	1 14	14 24	1 19	14 2	0 51	22 16	0 57	23 35	2 5	17 17	17 32	27 0		n.a.
F 19	8 29	20 31	0n49	10 47	0 21	6 53	7 14	6 58	0 36	18 7	1 14	14 25	1 19	14 3	0 51	22 16	0 57	23 35	2 5	17 17	17 31	27 1		n.a.
S 20	8 6	24 26	2 0	11 27	0 1	7 13	7 2	6 41	0 35	18 3	1 14	14 27	1 19	14 4	0 51	22 16	0 57	23 35	2 5	17 17	17 31	27 2		n.a.
S 21	7 43	26 53	3 5	12 3	0n18	7 32	6 50	6 24	0 34	18 0	1 14	14 28	1 19	14 4	0 51	22 15	0 57	23 35	2 6	17 17	17 30	27 3		n.a.
M22	7 20	27 36	3 59	12 34	0 37	7 52	6 37	6 6	0 34	17 56	1 14	14 30	1 18	14 5	0 51	22 15	0 57	23 36	2 6	17 16	17 29	27 4		n.a.
T 23	6 56	26 29	4 38	12 59	0 53	8 10	6 24	5 49	0 33	17 53	1 14	14 32	1 18	14 6	0 51	22 15	0 57	23 36	2 6	17 14	17 28	27 5		n.a.
W24	6 32	23 37	4 59	13 19	1 8	8 29	6 10	5 31	0 33	17 49	1 15	14 33	1 18	14 7	0 51	22 14	0 57	23 36	2 6	17 12	17 27	27 6		n.a.
T 25	6 9	19 20	5 2	13 33	1 22	8 46	5 57	5 13	0 32	17 46	1 15	14 35	1 18	14 7	0 51	22 14	0 57	23 36	2 6	17 9	17 26	27 7		n.a.
F 26	5 45	14 0	4 47	13 41	1 34	9 3	5 43	4 56	0 32	17 42	1 15	14 36	1 18	14 8	0 51	22 14	0 57	23 36	2 6	17 6	17 25	27 8		n.a.
S 27	5 21	8 4	4 14	13 44	1 44	9 20	5 29	4 38	0 31	17 38	1 15	14 38	1 18	14 9	0 51	22 14	0 57	23 36	2 6	17 3	17 24	27 9		n.a.
S 28	4 57	1 52	3 28	13 42	1 53	9 35	5 15	4 20	0 30	17 35	1 15	14 40	1 17	14 10	0 51	22 13	0 57	23 36	2 6	17 1	17 23	27 9		n.a.
M29	4 32	4s16	2 31	13 36	2 0	9 50	5 1	4 2	0 30	17 31	1 15	14 42	1 17	14 10	0 51	22 13	0 57	23 36	2 7	16 59	17 22	27 10		n.a.
T 30	4n 8	10s 4	1n28	13n25	2n 5	10n 4	4s47	3n44	0n29	17n28	1n15	14s43	1n17	14s11	0s51	22n13	0n57	23n36	2n 7	16n58	17n21	27s11		n.a.

Julian Day Number = 984591.5, Delta T = 13h09m46s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'05, Lahiri = -31°46'05 Julian Calendar 1 Sept. 2018 BCE == Greg. Calendar 15 Aug. 2018 BCE

The year -2017 astronomical counting style corresponds to year 2018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

OCTOBER 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 28 46	20♍46'06	11♏46	1♍29	21°D36	22♍35	16♌31	12♏43	25°R 8	26♋32	4°R49	15°D58	17♉18	27♐ 9	n.a.	W 1
T 2	23 32 43	21°46'51	24° 0	2°27	21♌39	23°18	16°43	12°48	25♒ 6	26°34	4♊48	15♉58	17°15	27°16	n.a.	T 2
F 3	23 36 39	22°47'38	6♐ 0	3°31	21°43	24° 1	16°55	12°53	25° 4	26°35	4°48	15°59	17°12	27°23	n.a.	F 3
S 4	23 40 36	23°48'26	17°52	4°39	21°50	24°45	17° 7	12°59	25° 1	26°37	4°48	16° 0	17° 8	27°29	n.a.	S 4
S 5	23 44 32	24°49'15	29°41	5°51	22° 0	25°28	17°18	13° 4	24°59	26°38	4°48	16°R 0	17° 5	27°36	n.a.	S 5
M 6	23 48 29	25°50'06	11♑33	7° 6	22°11	26°12	17°30	13°10	24°57	26°39	4°47	15°58	17° 2	27°43	n.a.	M 6
T 7	23 52 25	26°50'58	23°33	8°25	22°25	26°55	17°42	13°15	24°55	26°41	4°47	15°55	16°59	27°49	n.a.	T 7
W 8	23 56 22	27°51'50	5♒44	9°46	22°41	27°39	17°53	13°21	24°53	26°42	4°47	15°49	16°56	27°56	n.a.	W 8
T 9	0 0 19	28°52'44	18°11	11° 9	22°59	28°23	18° 5	13°26	24°52	26°43	4°46	15°41	16°53	28° 3	n.a.	T 9
F 10	0 4 15	29°53'40	0♓56	12°34	23°19	29° 7	18°16	13°32	24°50	26°44	4°46	15°33	16°49	28° 9	n.a.	F 10
S 11	0 8 12	0♎54'36	13°59	14° 1	23°40	29°50	18°27	13°38	24°48	26°46	4°45	15°25	16°46	28°16	n.a.	S 11
S 12	0 12 8	1°55'33	27°21	15°28	24° 4	0♎34	18°38	13°44	24°46	26°47	4°45	15°17	16°43	28°23	n.a.	S 12
M13	0 16 5	2°56'32	10♈58	16°57	24°30	1°18	18°49	13°50	24°44	26°48	4°44	15°11	16°40	28°29	n.a.	M13
T 14	0 20 1	3°57'32	24°49	18°27	24°57	2° 2	19° 0	13°55	24°42	26°49	4°44	15° 7	16°37	28°36	n.a.	T 14
W15	0 23 58	4°58'33	8♉50	19°57	25°26	2°46	19°11	14° 1	24°41	26°50	4°43	15°D 6	16°33	28°43	n.a.	W15
T 16	0 27 54	5°59'36	22°57	21°29	25°56	3°30	19°22	14° 7	24°39	26°51	4°43	15° 6	16°30	28°50	n.a.	T 16
F 17	0 31 51	7° 0'40	7♊ 7	23° 0	26°28	4°14	19°33	14°14	24°37	26°52	4°42	15° 7	16°27	28°56	n.a.	F 17
S 18	0 35 48	8° 1'45	21°17	24°32	27° 2	4°58	19°44	14°20	24°36	26°53	4°41	15° 8	16°24	29° 3	n.a.	S 18
S 19	0 39 44	9° 2'52	5♋27	26° 4	27°37	5°42	19°54	14°26	24°34	26°54	4°41	15°R 9	16°21	29°10	n.a.	S 19
M20	0 43 41	10° 4'00	19°34	27°37	28°14	6°27	20° 5	14°32	24°33	26°55	4°40	15° 9	16°18	29°16	n.a.	M20
T 21	0 47 37	11° 5'09	3♌37	29° 9	28°52	7°11	20°15	14°38	24°31	26°56	4°39	15° 7	16°14	29°23	n.a.	T 21
W22	0 51 34	12° 6'20	17°34	0♎42	29°31	7°55	20°26	14°45	24°30	26°57	4°39	15° 3	16°11	29°30	n.a.	W22
T 23	0 55 30	13° 7'32	1♍23	2°15	0♍11	8°40	20°36	14°51	24°28	26°58	4°38	14°59	16° 8	29°36	n.a.	T 23
F 24	0 59 27	14° 8'44	15° 1	3°48	0°53	9°24	20°46	14°57	24°27	26°59	4°37	14°54	16° 5	29°43	n.a.	F 24
S 25	1 3 24	15° 9'58	28°27	5°22	1°35	10° 8	20°56	15° 4	24°26	26°59	4°36	14°48	16° 2	29°50	n.a.	S 25
S 26	1 7 20	16°11'12	11♎39	6°55	2°19	10°53	21° 6	15°10	24°24	27° 0	4°36	14°44	15°58	29°56	n.a.	S 26
M27	1 11 17	17°12'27	24°34	8°28	3° 4	11°38	21°16	15°17	24°23	27° 1	4°35	14°41	15°55	0♑ 3	n.a.	M27
T 28	1 15 13	18°13'43	7♏13	10° 2	3°50	12°22	21°26	15°23	24°22	27° 1	4°34	14°40	15°52	0°10	n.a.	T 28
W29	1 19 10	19°15'00	19°37	11°35	4°37	13° 7	21°36	15°30	24°21	27° 2	4°33	14°D39	15°49	0°16	n.a.	W29
T 30	1 23 6	20°16'17	1♐48	13° 9	5°25	13°52	21°45	15°36	24°20	27° 3	4°32	14°40	15°46	0°23	n.a.	T 30
F 31	1 27 3	21♎17'34	13♐47	14♎43	6♍13	14♎36	21♌55	15♏43	24♒19	27♋ 3	4♊31	14♉42	15♉43	0♑30	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	3n44	15s19	0n22	13n10	2n 9	10n18	4s32	3n26	0n29	17n24	1n16	14s45	1n17	14s12	0s50	22n13	0n57	23n36	2n 7	16n57	17n20	27s12			n.a.
T 2	3 19	19 51	0s43	12 52	2 12	10 30	4 18	3 8	0 28	17 21	1 16	14 47	1 17	14 13	0 50	22 12	0 57	23 37	2 7	16 57	17 20	27 13			n.a.
F 3	2 55	23 29	1 46	12 30	2 14	10 42	4 5	2 50	0 27	17 17	1 16	14 49	1 17	14 13	0 50	22 12	0 57	23 37	2 7	16 57	17 19	27 14			n.a.
S 4	2 30	26 4	2 43	12 6	2 15	10 53	3 51	2 32	0 27	17 14	1 16	14 50	1 16	14 14	0 50	22 12	0 57	23 37	2 7	16 58	17 18	27 14			n.a.
S 5	2 6	27 29	3 33	11 39	2 15	11 3	3 37	2 14	0 26	17 10	1 16	14 52	1 16	14 15	0 50	22 12	0 57	23 37	2 7	16 58	17 17	27 15			n.a.
M 6	1 41	27 38	4 14	11 9	2 15	11 11	3 24	1 56	0 26	17 7	1 16	14 54	1 16	14 15	0 50	22 11	0 57	23 37	2 7	16 57	17 16	27 16			n.a.
T 7	1 17	26 30	4 45	10 38	2 13	11 20	3 10	1 38	0 25	17 3	1 16	14 56	1 16	14 16	0 50	22 11	0 57	23 37	2 8	16 56	17 15	27 17			n.a.
W 8	0 52	24 6	5 3	10 5	2 11	11 27	2 57	1 19	0 24	17 0	1 17	14 58	1 16	14 17	0 50	22 11	0 57	23 37	2 8	16 54	17 14	27 18			n.a.
T 9	0 27	20 33	5 7	9 30	2 8	11 33	2 45	1 1	0 24	16 56	1 17	15 0	1 16	14 17	0 50	22 11	0 57	23 37	2 8	16 52	17 13	27 18			n.a.
F 10	0 3	15 58	4 57	8 53	2 5	11 38	2 32	0 43	0 23	16 53	1 17	15 1	1 16	14 18	0 50	22 11	0 57	23 37	2 8	16 50	17 12	27 19			n.a.
S 11	0s22	10 34	4 31	8 16	2 1	11 43	2 20	0 25	0 23	16 50	1 17	15 3	1 15	14 19	0 50	22 10	0 57	23 37	2 8	16 47	17 11	27 20			n.a.
S 12	0 47	4 34	3 49	7 37	1 57	11 46	2 7	0 6	0 22	16 46	1 17	15 5	1 15	14 19	0 50	22 10	0 58	23 37	2 8	16 45	17 10	27 21			n.a.
M13	1 12	1n46	2 54	6 58	1 52	11 49	1 56	0s12	0 21	16 43	1 18	15 7	1 15	14 20	0 50	22 10	0 58	23 37	2 8	16 43	17 9	27 21			n.a.
T 14	1 36	8 8	1 48	6 18	1 47	11 51	1 44	0 30	0 21	16 39	1 18	15 9	1 15	14 20	0 50	22 10	0 58	23 37	2 8	16 42	17 9	27 22			n.a.
W15	2 1	14 12	0 34	5 37	1 42	11 51	1 33	0 49	0 20	16 36	1 18	15 11	1 15	14 21	0 50	22 10	0 58	23 37	2 8	16 42	17 8	27 23			n.a.
T 16	2 26	19 34	0n43	4 55	1 37	11 51	1 21	1 7	0 20	16 33	1 18	15 13	1 15	14 21	0 50	22 9	0 58	23 37	2 9	16 42	17 7	27 24			n.a.
F 17	2 50	23 52	1 57	4 13	1 31	11 50	1 11	1 26	0 19	16 29	1 18	15 15	1 15	14 22	0 50	22 9	0 58	23 37	2 9	16 42	17 6	27 24			n.a.
S 18	3 15	26 42	3 4	3 31	1 25	11 49	1 0	1 44	0 18	16 26	1 18	15 17	1 14	14 22	0 50	22 9	0 58	23 37	2 9	16 42	17 5	27 25			n.a.
S 19	3 39	27 49	4 0	2 48	1 19	11 46	0 50	2 3	0 18	16 23	1 19	15 19	1 14	14 23	0 50	22 9	0 58	23 37	2 9	16 43	17 4	27 26			n.a.
M20	4 4	27 6	4 41	2 5	1 13	11 43	0 40	2 21	0 17	16 20	1 19	15 21	1 14	14 23	0 50	22 9	0 58	23 37	2 9	16 43	17 3	27 26			n.a.
T 21	4 28	24 41	5 6	1 21	1 6	11 38	0 30	2 39	0 16	16 17	1 19	15 23	1 14	14 24	0 50	22 9	0 58	23 37	2 9	16 42	17 2	27 27			n.a.
W22	4 53	20 49	5 11	0 38	1 0	11 33	0 21	2 58	0 16	16 13	1 19	15 25	1 14	14 24	0 50	22 9	0 58	23 37	2 9	16 41	17 1	27 28			n.a.
T 23	5 17	15 51	4 59	0s 6	0 54	11 27	0 11	3 16	0 15	16 10	1 19	15 27	1 14	14 25	0 50	22 8	0 58	23 37	2 9	16 40	17 0	27 28			n.a.
F 24	5 41	10 9	4 30	0 50	0 47	11 21	0 2	3 35	0 14	16 7	1 20	15 29	1 14	14 25	0 50	22 8	0 58	23 37	2 10	16 38	16 59	27 29			n.a.
S 25	6 5	4 5	3 46	1 33	0 41	11 13	0n 6	3 53	0 14	16 4	1 20	15 31	1 14	14 26	0 50	22 8	0 58	23 37	2 10	16 36	16 58	27 30			n.a.
S 26	6 29	2s 5	2 51	2 17	0 34	11 5	0 15	4 11	0 13	16 1	1 20	15 33	1 13	14 26	0 50	22 8	0 58	23 37	2 10	16 35	16 57	27 30			n.a.
M27	6 53	8 2	1 48	3 1	0 27	10 56	0 23	4 30	0 12	15 58	1 20	15 35	1 13	14 26	0 50	22 8	0 58	23 37	2 10	16 34	16 56	27 31			n.a.
T 28	7 17	13 34	0 41	3 44	0 21	10 47	0 31	4 48	0 12	15 55	1 21	15 37	1 13	14 27	0 50	22 8	0 58	23 37	2 10	16 34	16 55	27 32			n.a.
W29	7 41	18 26	0s27	4 28	0 14	10 36	0 38	5 7	0 11	15 52	1 21	15 39	1 13	14 27	0 50	22 8	0 58	23 37	2 10	16 34	16 55	27 32			n.a.
T 30	8 5	22 27	1 33	5 11	0 7	10 25	0 46	5 25	0 10	15 49	1 21	15 41	1 13	14 27	0 50	22 8	0 58	23 37	2 10	16 34	16 54	27 33			n.a.
F 31	8s28	25s28	2s34	5s54	0n 1	10n14	0n53	5s43	0n10	15n46	1n21	15s43	1n13	14s28	0s50	22n 8	0n58	23n37	2n10	16n35	16n53	27s33			n.a.

Julian Day Number = 984621.5, Delta T = 13h09m44s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°53'01, Lahiri = -31°46'01 Julian Calendar 1 Oct. 2018 BCE == Greg. Calendar 14 Sept. 2018 BCE

The year -2017 astronomical counting style corresponds to year 2018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

NOVEMBER 2018 BCE (-2017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 30 59	22♎18'52	25♐39	16♎17	7♍ 3	15♎21	22♌ 4	15♏50	24°R18	27♋ 4	4°R30	14♉44	15♉39	0♂36	n.a.	S 1
S 2	1 34 56	23°20'10	7♂29	17°50	7°53	16° 6	22°13	15°56	24♒17	27° 4	4♊30	14°45	15°36	0°43	n.a.	S 2
M 3	1 38 53	24°21'28	19°20	19°24	8°44	16°51	22°22	16° 3	24°16	27° 5	4°29	14°R46	15°33	0°50	n.a.	M 3
T 4	1 42 49	25°22'47	1♒19	20°59	9°36	17°36	22°31	16°10	24°15	27° 5	4°28	14°46	15°30	0°57	n.a.	T 4
W 5	1 46 46	26°24'05	13°29	22°33	10°29	18°21	22°40	16°17	24°14	27° 6	4°27	14°45	15°27	1° 3	n.a.	W 5
T 6	1 50 42	27°25'24	25°55	24° 7	11°22	19° 6	22°49	16°23	24°14	27° 6	4°26	14°44	15°24	1°10	n.a.	T 6
F 7	1 54 39	28°26'42	8♓41	25°42	12°17	19°51	22°58	16°30	24°13	27° 6	4°25	14°41	15°20	1°17	n.a.	F 7
S 8	1 58 35	29°28'01	21°50	27°17	13°11	20°36	23° 6	16°37	24°12	27° 7	4°24	14°39	15°17	1°23	n.a.	S 8
S 9	2 2 32	0♏29'19	5♈22	28°52	14° 7	21°21	23°15	16°44	24°12	27° 7	4°22	14°37	15°14	1°30	n.a.	S 9
M10	2 6 29	1°30'38	19°16	0♏27	15° 3	22° 6	23°23	16°51	24°11	27° 7	4°21	14°35	15°11	1°37	n.a.	M10
T 11	2 10 25	2°31'56	3♉29	2° 2	15°59	22°51	23°31	16°58	24°11	27° 7	4°20	14°34	15° 8	1°43	n.a.	T 11
W12	2 14 22	3°33'15	17°57	3°38	16°57	23°37	23°39	17° 5	24°10	27° 7	4°19	14°D34	15° 4	1°50	n.a.	W12
T 13	2 18 18	4°34'34	2♊33	5°14	17°54	24°22	23°47	17°12	24°10	27° 8	4°18	14°35	15° 1	1°57	n.a.	T 13
F 14	2 22 15	5°35'53	17°12	6°50	18°53	25° 7	23°55	17°19	24° 9	27° 8	4°17	14°35	14°58	2° 3	n.a.	F 14
S 15	2 26 11	6°37'13	1♋47	8°27	19°51	25°53	24° 2	17°26	24° 9	27° 8	4°16	14°36	14°55	2°10	n.a.	S 15
S 16	2 30 8	7°38'32	16°13	10° 3	20°51	26°38	24°10	17°33	24° 9	27°R 8	4°15	14°37	14°52	2°17	n.a.	S 16
M17	2 34 4	8°39'52	0♌27	11°40	21°51	27°23	24°17	17°40	24° 9	27° 8	4°13	14°37	14°49	2°23	n.a.	M17
T 18	2 38 1	9°41'12	14°27	13°18	22°51	28° 9	24°24	17°47	24° 8	27° 8	4°12	14°R37	14°45	2°30	n.a.	T 18
W19	2 41 58	10°42'32	28°12	14°56	23°51	28°54	24°32	17°54	24° 8	27° 8	4°11	14°37	14°42	2°37	n.a.	W19
T 20	2 45 54	11°43'52	11♍42	16°34	24°53	29°40	24°38	18° 1	24°D 8	27° 7	4°10	14°37	14°39	2°44	n.a.	T 20
F 21	2 49 51	12°45'12	24°56	18°12	25°54	0♏26	24°45	18° 8	24° 8	27° 7	4° 9	14°36	14°36	2°50	n.a.	F 21
S 22	2 53 47	13°46'31	7♎57	19°51	26°56	1°11	24°52	18°15	24° 8	27° 7	4° 7	14°36	14°33	2°57	n.a.	S 22
S 23	2 57 44	14°47'51	20°44	21°30	27°58	1°57	24°58	18°22	24° 9	27° 7	4° 6	14°D36	14°30	3° 4	n.a.	S 23
M24	3 1 40	15°49'10	3♏18	23° 9	29° 1	2°43	25° 5	18°29	24° 9	27° 7	4° 5	14°36	14°26	3°10	n.a.	M24
T 25	3 5 37	16°50'29	15°41	24°49	0♎ 4	3°28	25°11	18°36	24° 9	27° 6	4° 4	14°R36	14°23	3°17	n.a.	T 25
W26	3 9 34	17°51'47	27°54	26°29	1° 7	4°14	25°17	18°43	24° 9	27° 6	4° 2	14°36	14°20	3°24	n.a.	W26
T 27	3 13 30	18°53'05	9♐57	28° 9	2°11	5° 0	25°23	18°50	24°10	27° 6	4° 1	14°36	14°17	3°30	n.a.	T 27
F 28	3 17 27	19°54'22	21°53	29°49	3°15	5°46	25°29	18°57	24°10	27° 5	4° 0	14°35	14°14	3°37	n.a.	F 28
S 29	3 21 23	20°55'39	3♂45	1♐29	4°19	6°32	25°34	19° 4	24°10	27° 5	3°59	14°34	14°10	3°44	n.a.	S 29
S 30	3 25 20	21♏56'54	15♂34	3♐ 9	5♎24	7♏18	25♌40	19♏11	24♒11	27♋ 4	3♊57	14♉33	14♉ 7	3♂50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	8s52	27s18	3s27	6s37	0s 6	10n 1	1n 0	6s 1	0n 9	15n43	1n21	15s45	1n13	14s28	0s50	22n 8	0n58	23n37	2n10	16n35		16n52		27s34			n.a.
S 2	9 15	27 54	4 11	7 20	0 12	9 48	1 6	6 20	0 9	15 40	1 22	15 47	1 13	14 28	0 50	22 8	0 58	23 37	2 11	16 36		16 51		27 35			n.a.
M 3	9 38	27 12	4 45	8 2	0 19	9 35	1 13	6 38	0 8	15 37	1 22	15 49	1 12	14 29	0 49	22 7	0 58	23 36	2 11	16 36		16 50		27 35			n.a.
T 4	10 1	25 15	5 7	8 44	0 25	9 20	1 19	6 56	0 7	15 35	1 22	15 51	1 12	14 29	0 49	22 7	0 59	23 36	2 11	16 36		16 49		27 36			n.a.
W 5	10 23	22 8	5 16	9 26	0 31	9 6	1 25	7 14	0 7	15 32	1 22	15 54	1 12	14 29	0 49	22 7	0 59	23 36	2 11	16 36		16 48		27 36			n.a.
T 6	10 46	17 59	5 10	10 7	0 37	8 50	1 31	7 32	0 6	15 29	1 23	15 56	1 12	14 29	0 49	22 7	0 59	23 36	2 11	16 35		16 47		27 37			n.a.
F 7	11 8	12 55	4 49	10 48	0 44	8 34	1 36	7 50	0 5	15 27	1 23	15 58	1 12	14 30	0 49	22 7	0 59	23 36	2 11	16 34		16 46		27 37			n.a.
S 8	11 31	7 9	4 12	11 29	0 50	8 18	1 41	8 8	0 4	15 24	1 23	16 0	1 12	14 30	0 49	22 7	0 59	23 36	2 11	16 34		16 45		27 38			n.a.
S 9	11 52	0 53	3 20	12 9	0 55	8 0	1 46	8 26	0 4	15 21	1 23	16 2	1 12	14 30	0 49	22 7	0 59	23 36	2 11	16 33		16 44		27 38			n.a.
M10	12 14	5n36	2 16	12 49	1 1	7 43	1 51	8 44	0 3	15 19	1 24	16 4	1 12	14 30	0 49	22 7	0 59	23 36	2 11	16 33		16 43		27 39			n.a.
T 11	12 36	11 58	1 1	13 28	1 7	7 25	1 56	9 2	0 2	15 16	1 24	16 6	1 12	14 30	0 49	22 7	0 59	23 36	2 11	16 32		16 42		27 40			n.a.
W12	12 57	17 49	0n19	14 6	1 12	7 6	2 0	9 19	0 2	15 14	1 24	16 8	1 12	14 30	0 49	22 7	0 59	23 36	2 12	16 32		16 41		27 40			n.a.
T 13	13 18	22 42	1 38	14 44	1 17	6 47	2 5	9 37	0 1	15 11	1 24	16 10	1 12	14 30	0 49	22 7	0 59	23 35	2 12	16 32		16 40		27 41			n.a.
F 14	13 39	26 8	2 51	15 22	1 22	6 27	2 9	9 54	0 0	15 9	1 25	16 12	1 11	14 30	0 49	22 7	0 59	23 35	2 12	16 33		16 39		27 41			n.a.
S 15	14 0	27 48	3 53	15 58	1 27	6 7	2 12	10 12	0s 0	15 7	1 25	16 14	1 11	14 31	0 49	22 7	0 59	23 35	2 12	16 33		16 38		27 42			n.a.
S 16	14 20	27 32	4 39	16 34	1 31	5 47	2 16	10 29	0 1	15 4	1 25	16 16	1 11	14 31	0 49	22 7	0 59	23 35	2 12	16 33		16 37		27 42			n.a.
M17	14 41	25 28	5 8	17 10	1 36	5 26	2 19	10 47	0 2	15 2	1 25	16 18	1 11	14 31	0 49	22 8	0 59	23 35	2 12	16 33		16 37		27 42			n.a.
T 18	15 1	21 52	5 17	17 44	1 40	5 4	2 23	11 4	0 2	15 0	1 26	16 21	1 11	14 31	0 49	22 8	0 59	23 35	2 12	16 33		16 36		27 43			n.a.
W19	15 20	17 9	5 8	18 18	1 44	4 43	2 26	11 21	0 3	14 58	1 26	16 23	1 11	14 31	0 49	22 8	0 59	23 35	2 12	16 33		16 35		27 43			n.a.
T 20	15 40	11 39	4 43	18 50	1 47	4 20	2 29	11 38	0 4	14 56	1 26	16 25	1 11	14 31	0 49	22 8	0 59	23 35	2 12	16 33		16 34		27 44			n.a.
F 21	15 59	5 45	4 2	19 22	1 51	3 58	2 31	11 55	0 4	14 53	1 27	16 27	1 11	14 31	0 49	22 8	0 59	23 34	2 12	16 33		16 33		27 44			n.a.
S 22	16 18	0s19	3 10	19 53	1 54	3 35	2 34	12 12	0 5	14 51	1 27	16 29	1 11	14 30	0 49	22 8	0 59	23 34	2 13	16 33		16 32		27 45			n.a.
S 23	16 36	6 16	2 9	20 22	1 56	3 12	2 36	12 29	0 6	14 49	1 27	16 31	1 11	14 30	0 49	22 8	0 59	23 34	2 13	16 33		16 31		27 45			n.a.
M24	16 55	11 54	1 2	20 51	1 59	2 48	2 38	12 46	0 6	14 48	1 27	16 33	1 11	14 30	0 49	22 8	0 59	23 34	2 13	16 33		16 30		27 46			n.a.
T 25	17 13	16 58	0s 6	21 18	2 0	2 25	2 40	13 2	0 7	14 46	1 28	16 35	1 11	14 30	0 49	22 8	0 59	23 34	2 13	16 33		16 29		27 46			n.a.
W26	17 30	21 17	1 13	21 44	2 2	2 1	2 42	13 19	0 8	14 44	1 28	16 37	1 11	14 30	0 49	22 8	1 0	23 34	2 13	16 33		16 28		27 46			n.a.
T 27	17 47	24 38	2 16	22 9	2 3	1 36	2 44	13 35	0 9	14 42	1 28	16 39	1 10	14 30	0 48	22 8	1 0	23 33	2 13	16 33		16 27		27 47			n.a.
F 28	18 4	26 52	3 12	22 32	2 4	1 12	2 45	13 51	0 9	14 40	1 29	16 41	1 10	14 30	0 48	22 8	1 0	23 33	2 13	16 33		16 26		27 47			n.a.
S 29	18 21	27 52	4 0	22 54	2 4	0 47	2 46	14 8	0 10	14 39	1 29	16 43	1 10	14 30	0 48	22 9	1 0	23 33	2 13	16 32		16 25		27 48			n.a.
S 30	18s37	27s35	4s37	23s14	2s 3	0n22	2n47	14s24	0s11	14n37	1n29	16s45	1n10	14s29	0s48	22n 9	1n 0	23n33	2n13	16n32		16n24		27s48			n.a.

Julian Day Number = 984652.5, Delta T = 13h09m42s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'57, Lahiri = -31°45'57 Julian Calendar 1 Nov. 2018 BCE == Greg. Calendar 15 Oct. 2018 BCE

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ASTRODIENST EPHEMERIS for the year 2018 BCE
geocentric

DECEMBER 2018 BCE (-2017) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 29 16	22♏58'09	27♉25	4♐49	6♎29	8♏ 4	25♌45	19♏18	24♒11	27°R 4	3°R56	14°R32	14♉ 4	3♉57	n.a.	M 1
T 2	3 33 13	23°59'23	9♒22	6°29	7°34	8°50	25°50	19°25	24°12	27♋ 3	3♊55	14♉32	14° 1	4° 4	n.a.	T 2
W 3	3 37 10	25° 0'35	21°29	8° 9	8°39	9°36	25°55	19°33	24°13	27° 3	3°53	14°D31	13°58	4°11	n.a.	W 3
T 4	3 41 6	26° 1'47	3♓50	9°47	9°45	10°22	26° 0	19°40	24°13	27° 2	3°52	14°31	13°55	4°17	n.a.	T 4
F 5	3 45 3	27° 2'57	16°31	11°25	10°50	11° 8	26° 4	19°47	24°14	27° 2	3°51	14°32	13°51	4°24	n.a.	F 5
S 6	3 48 59	28° 4'06	29°34	13° 2	11°56	11°54	26° 8	19°54	24°15	27° 1	3°49	14°33	13°48	4°31	n.a.	S 6
S 7	3 52 56	29° 5'14	13♈ 4	14°38	13° 3	12°40	26°13	20° 1	24°16	27° 0	3°48	14°34	13°45	4°37	n.a.	S 7
M 8	3 56 52	0♐ 6'21	27° 0	16°12	14° 9	13°26	26°17	20° 8	24°17	27° 0	3°47	14°35	13°42	4°44	n.a.	M 8
T 9	4 0 49	1° 7'27	11♉22	17°43	15°16	14°12	26°21	20°15	24°18	26°59	3°45	14°R36	13°39	4°51	n.a.	T 9
W10	4 4 45	2° 8'31	26° 5	19°12	16°23	14°58	26°24	20°22	24°19	26°58	3°44	14°36	13°36	4°57	n.a.	W10
T 11	4 8 42	3° 9'35	11♊ 4	20°38	17°30	15°45	26°28	20°29	24°20	26°57	3°43	14°34	13°32	5° 4	n.a.	T 11
F 12	4 12 39	4°10'37	26° 9	22° 1	18°37	16°31	26°31	20°36	24°21	26°56	3°41	14°32	13°29	5°11	n.a.	F 12
S 13	4 16 35	5°11'39	11♋11	23°19	19°45	17°17	26°35	20°43	24°22	26°56	3°40	14°30	13°26	5°17	n.a.	S 13
S 14	4 20 32	6°12'40	26° 3	24°32	20°53	18° 4	26°38	20°49	24°23	26°55	3°39	14°27	13°23	5°24	n.a.	S 14
M15	4 24 28	7°13'39	10♌36	25°39	22° 0	18°50	26°40	20°56	24°24	26°54	3°37	14°24	13°20	5°31	n.a.	M15
T 16	4 28 25	8°14'37	24°46	26°39	23° 8	19°36	26°43	21° 3	24°26	26°53	3°36	14°22	13°16	5°38	n.a.	T 16
W17	4 32 21	9°15'35	8♍33	27°33	24°17	20°23	26°45	21°10	24°27	26°52	3°35	14°D22	13°13	5°44	n.a.	W17
T 18	4 36 18	10°16'31	21°57	28°18	25°25	21° 9	26°48	21°17	24°28	26°51	3°33	14°22	13°10	5°51	n.a.	T 18
F 19	4 40 15	11°17'27	4♎59	28°54	26°34	21°56	26°50	21°24	24°30	26°50	3°32	14°23	13° 7	5°58	n.a.	F 19
S 20	4 44 11	12°18'21	17°44	29°20	27°42	22°42	26°52	21°31	24°31	26°49	3°31	14°25	13° 4	6° 4	n.a.	S 20
S 21	4 48 8	13°19'14	0♏13	29°36	28°51	23°29	26°53	21°37	24°33	26°48	3°29	14°27	13° 1	6°11	n.a.	S 21
M22	4 52 4	14°20'06	12°30	29°R41	29°59	24°15	26°55	21°44	24°34	26°47	3°28	14°R28	12°57	6°18	n.a.	M22
T 23	4 56 1	15°20'56	24°38	29°35	1♏ 9	25° 2	26°56	21°51	24°36	26°46	3°27	14°27	12°54	6°24	n.a.	T 23
W24	4 59 57	16°21'45	6♐38	29°19	2°18	25°48	26°58	21°57	24°38	26°44	3°26	14°25	12°51	6°31	n.a.	W24
T 25	5 3 54	17°22'33	18°34	28°51	3°27	26°35	26°58	22° 4	24°39	26°43	3°24	14°21	12°48	6°38	n.a.	T 25
F 26	5 7 51	18°23'19	0♑26	28°14	4°37	27°21	26°59	22°11	24°41	26°42	3°23	14°16	12°45	6°45	n.a.	F 26
S 27	5 11 47	19°24'03	12°17	27°27	5°46	28° 8	27° 0	22°17	24°43	26°41	3°22	14° 9	12°42	6°51	n.a.	S 27
S 28	5 15 44	20°24'46	24° 7	26°33	6°56	28°55	27° 0	22°24	24°45	26°40	3°20	14° 2	12°38	6°58	n.a.	S 28
M29	5 19 40	21°25'27	6♒ 0	25°32	8° 6	29°41	27° 0	22°30	24°47	26°38	3°19	13°55	12°35	7° 5	n.a.	M29
T 30	5 23 37	22°26'06	17°58	24°26	9°15	0♐28	27°R 0	22°37	24°49	26°37	3°18	13°49	12°32	7°11	n.a.	T 30
W31	5 27 33	23♐26'43	0♓ 5	23♐18	10♏25	1♐14	27♌ 0	22♏43	24♒51	26♋36	3♊17	13♉45	12♉29	7♉18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	18s53	26s 3	5s 3	23s32	2s 2	0s 3	2n48	14s40	0s11	14n36	1n29	16s47	1n10	14s29	0s48	22n 9	1n 0	23n33	2n13	16n32	16n23	27s48			n.a.
T 2	19 9	23 20	5 16	23 49	2 1	0 29	2 49	14 55	0 12	14 34	1 30	16 49	1 10	14 29	0 48	22 9	1 0	23 33	2 13	16 31	16 22	27 49			n.a.
W 3	19 24	19 35	5 15	24 4	1 59	0 54	2 50	15 11	0 13	14 33	1 30	16 51	1 10	14 29	0 48	22 9	1 0	23 32	2 13	16 31	16 21	27 49			n.a.
T 4	19 39	14 56	4 59	24 17	1 56	1 20	2 50	15 26	0 14	14 31	1 30	16 53	1 10	14 28	0 48	22 9	1 0	23 32	2 14	16 31	16 20	27 49			n.a.
F 5	19 54	9 32	4 29	24 28	1 52	1 46	2 51	15 42	0 14	14 30	1 31	16 55	1 10	14 28	0 48	22 10	1 0	23 32	2 14	16 32	16 19	27 50			n.a.
S 6	20 8	3 35	3 44	24 37	1 48	2 12	2 51	15 57	0 15	14 29	1 31	16 57	1 10	14 28	0 48	22 10	1 0	23 32	2 14	16 32	16 18	27 50			n.a.
S 7	20 22	2n43	2 46	24 43	1 43	2 38	2 51	16 12	0 16	14 28	1 31	16 59	1 10	14 27	0 48	22 10	1 0	23 32	2 14	16 32	16 17	27 50			n.a.
M 8	20 35	9 7	1 36	24 48	1 37	3 4	2 51	16 27	0 16	14 27	1 32	17 1	1 10	14 27	0 48	22 10	1 0	23 32	2 14	16 33	16 16	27 51			n.a.
T 9	20 48	15 16	0 18	24 50	1 30	3 30	2 51	16 42	0 17	14 26	1 32	17 3	1 10	14 27	0 48	22 10	1 0	23 31	2 14	16 33	16 15	27 51			n.a.
W10	21 1	20 41	1n 3	24 51	1 22	3 57	2 51	16 56	0 18	14 25	1 32	17 5	1 10	14 26	0 48	22 10	1 0	23 31	2 14	16 33	16 14	27 51			n.a.
T 11	21 13	24 53	2 21	24 49	1 14	4 23	2 50	17 11	0 18	14 24	1 33	17 7	1 10	14 26	0 48	22 11	1 0	23 31	2 14	16 32	16 13	27 51			n.a.
F 12	21 25	27 22	3 30	24 45	1 4	4 50	2 50	17 25	0 19	14 23	1 33	17 9	1 10	14 26	0 48	22 11	1 0	23 31	2 14	16 32	16 12	27 52			n.a.
S 13	21 36	27 49	4 23	24 38	0 53	5 16	2 49	17 39	0 20	14 22	1 33	17 11	1 10	14 25	0 48	22 11	1 0	23 31	2 14	16 31	16 11	27 52			n.a.
S 14	21 47	26 15	4 59	24 30	0 41	5 43	2 48	17 53	0 21	14 21	1 33	17 13	1 10	14 25	0 48	22 11	1 0	23 30	2 14	16 30	16 10	27 52			n.a.
M15	21 58	22 58	5 14	24 20	0 29	6 10	2 48	18 7	0 21	14 20	1 34	17 14	1 10	14 24	0 48	22 11	1 0	23 30	2 14	16 29	16 10	27 53			n.a.
T 16	22 8	18 22	5 10	24 8	0 15	6 36	2 46	18 21	0 22	14 20	1 34	17 16	1 9	14 24	0 48	22 12	1 0	23 30	2 14	16 29	16 9	27 53			n.a.
W17	22 17	12 57	4 47	23 54	0 0	7 3	2 45	18 34	0 23	14 19	1 34	17 18	1 9	14 23	0 48	22 12	1 0	23 30	2 15	16 28	16 8	27 53			n.a.
T 18	22 27	7 4	4 10	23 39	0n16	7 29	2 44	18 47	0 23	14 19	1 35	17 20	1 9	14 23	0 48	22 12	1 0	23 30	2 15	16 29	16 7	27 53			n.a.
F 19	22 35	1 2	3 20	23 23	0 32	7 55	2 43	19 0	0 24	14 18	1 35	17 22	1 9	14 22	0 48	22 12	1 0	23 29	2 15	16 29	16 6	27 53			n.a.
S 20	22 44	4s55	2 22	23 6	0 49	8 22	2 41	19 13	0 25	14 18	1 35	17 24	1 9	14 22	0 48	22 13	1 1	23 29	2 15	16 30	16 5	27 54			n.a.
S 21	22 52	10 34	1 17	22 49	1 7	8 48	2 40	19 26	0 25	14 18	1 36	17 25	1 9	14 21	0 47	22 13	1 1	23 29	2 15	16 30	16 4	27 54			n.a.
M22	22 59	15 44	0 11	22 30	1 25	9 14	2 38	19 38	0 26	14 17	1 36	17 27	1 9	14 20	0 47	22 13	1 1	23 29	2 15	16 30	16 3	27 54			n.a.
T 23	23 6	20 12	0s55	22 12	1 44	9 40	2 36	19 51	0 27	14 17	1 36	17 29	1 9	14 20	0 47	22 13	1 1	23 29	2 15	16 30	16 2	27 54			n.a.
W24	23 13	23 48	1 58	21 54	2 2	10 6	2 35	20 3	0 28	14 17	1 37	17 31	1 9	14 19	0 47	22 14	1 1	23 28	2 15	16 29	16 1	27 54			n.a.
T 25	23 19	26 20	2 55	21 36	2 19	10 32	2 33	20 15	0 28	14 17	1 37	17 33	1 9	14 19	0 47	22 14	1 1	23 28	2 15	16 28	16 0	27 55			n.a.
F 26	23 24	27 40	3 45	21 19	2 36	10 58	2 31	20 26	0 29	14 17	1 37	17 34	1 9	14 18	0 47	22 14	1 1	23 28	2 15	16 27	15 59	27 55			n.a.
S 27	23 30	27 44	4 24	21 2	2 52	11 23	2 29	20 38	0 30	14 17	1 38	17 36	1 9	14 17	0 47	22 14	1 1	23 28	2 15	16 25	15 58	27 55			n.a.
S 28	23 34	26 30	4 52	20 46	3 7	11 48	2 26	20 49	0 30	14 17	1 38	17 38	1 9	14 17	0 47	22 15	1 1	23 28	2 15	16 22	15 57	27 55			n.a.
M29	23 39	24 6	5 7	20 32	3 19	12 13	2 24	21 0	0 31	14 18	1 38	17 40	1 9	14 16	0 47	22 15	1 1	23 27	2 15	16 20	15 56	27 55			n.a.
T 30	23 42	20 39	5 9	20 19	3 30	12 38	2 22	21 11	0 32	14 18	1 39	17 41	1 9	14 15	0 47	22 15	1 1	23 27	2 15	16 19	15 55	27 55			n.a.
W31	23s46	16s18	4s58	20s 7	3n39	13s 3	2n19	21s21	0s32	14n18	1n39	17s43	1n 9	14s15	0s47	22n16	1n 1	23n27	2n15	16n17	15n54	27s55			n.a.

Julian Day Number = 984682.5, Delta T = 13h09m40s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'53, Lahiri = -31°45'53 Julian Calendar 1 Dec. 2018 BCE == Greg. Calendar 14 Nov. 2018 BCE

The year -2017 astronomical counting style corresponds to year 2018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

JANUARY 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 31 30	24♐27'18	12♓23	22°R 8	11♏35	2♐ 1	27°R 0	22♏50	24♒53	26°R34	3°R15	13°R42	12♉26	7♑25	n.a.	T 1
F 2	5 35 26	25°27'51	24°58	21♐ 0	12°45	2°48	26♌59	22°56	24°55	26♋33	3♊14	13°D41	12°22	7°31	n.a.	F 2
S 3	5 39 23	26°28'22	7♈53	19°54	13°55	3°35	26°59	23° 2	24°57	26°32	3°13	13♉42	12°19	7°38	n.a.	S 3
S 4	5 43 20	27°28'50	21°13	18°51	15° 6	4°21	26°58	23° 9	24°59	26°30	3°12	13°43	12°16	7°45	n.a.	S 4
M 5	5 47 16	28°29'17	5♉ 0	17°55	16°16	5° 8	26°56	23°15	25° 1	26°29	3°11	13°44	12°13	7°52	n.a.	M 5
T 6	5 51 13	29°29'42	19°15	17° 4	17°26	5°55	26°55	23°21	25° 3	26°27	3° 9	13°R44	12°10	7°58	n.a.	T 6
W 7	5 55 9	0♑30'04	3♊56	16°20	18°37	6°41	26°54	23°27	25° 6	26°26	3° 8	13°43	12° 7	8° 5	n.a.	W 7
T 8	5 59 6	1°30'25	19° 0	15°43	19°47	7°28	26°52	23°33	25° 8	26°25	3° 7	13°39	12° 3	8°12	n.a.	T 8
F 9	6 3 2	2°30'44	4♋16	15°14	20°58	8°15	26°50	23°39	25°10	26°23	3° 6	13°33	12° 0	8°18	n.a.	F 9
S 10	6 6 59	3°31'01	19°35	14°52	22° 8	9° 2	26°48	23°45	25°13	26°22	3° 5	13°25	11°57	8°25	n.a.	S 10
S 11	6 10 55	4°31'15	4♌46	14°37	23°19	9°48	26°46	23°51	25°15	26°20	3° 4	13°17	11°54	8°32	n.a.	S 11
M12	6 14 52	5°31'28	19°39	14°29	24°30	10°35	26°43	23°57	25°18	26°19	3° 3	13°10	11°51	8°38	n.a.	M12
T 13	6 18 49	6°31'40	4♍ 6	14°D29	25°41	11°22	26°41	24° 3	25°20	26°17	3° 1	13° 4	11°48	8°45	n.a.	T 13
W14	6 22 45	7°31'49	18° 4	14°34	26°52	12° 9	26°38	24° 9	25°23	26°15	3° 0	13° 0	11°44	8°52	n.a.	W14
T 15	6 26 42	8°31'57	1♎33	14°46	28° 3	12°56	26°35	24°15	25°25	26°14	2°59	12°58	11°41	8°59	n.a.	T 15
F 16	6 30 38	9°32'02	14°35	15° 4	29°14	13°42	26°32	24°20	25°28	26°12	2°58	12°D58	11°38	9° 5	n.a.	F 16
S 17	6 34 35	10°32'06	27°15	15°27	0♐25	14°29	26°28	24°26	25°30	26°11	2°57	12°59	11°35	9°12	n.a.	S 17
S 18	6 38 31	11°32'09	9♏36	15°55	1°36	15°16	26°25	24°31	25°33	26° 9	2°56	12°R59	11°32	9°19	n.a.	S 18
M19	6 42 28	12°32'09	21°44	16°28	2°47	16° 3	26°21	24°37	25°36	26° 8	2°55	12°59	11°28	9°25	n.a.	M19
T 20	6 46 24	13°32'08	3♐43	17° 5	3°58	16°50	26°17	24°42	25°38	26° 6	2°54	12°57	11°25	9°32	n.a.	T 20
W21	6 50 21	14°32'05	15°35	17°46	5° 9	17°37	26°13	24°48	25°41	26° 4	2°53	12°52	11°22	9°39	n.a.	W21
T 22	6 54 18	15°32'00	27°26	18°32	6°21	18°23	26° 9	24°53	25°44	26° 3	2°52	12°44	11°19	9°45	n.a.	T 22
F 23	6 58 14	16°31'52	9♑16	19°20	7°32	19°10	26° 5	24°58	25°47	26° 1	2°51	12°34	11°16	9°52	n.a.	F 23
S 24	7 2 11	17°31'43	21° 7	20°12	8°44	19°57	26° 0	25° 4	25°50	26° 0	2°51	12°22	11°13	9°59	n.a.	S 24
S 25	7 6 7	18°31'31	3♒ 1	21° 7	9°55	20°44	25°56	25° 9	25°52	25°58	2°50	12° 9	11° 9	10° 6	n.a.	S 25
M26	7 10 4	19°31'17	15° 0	22° 5	11° 6	21°31	25°51	25°14	25°55	25°56	2°49	11°56	11° 6	10°12	n.a.	M26
T 27	7 14 0	20°31'01	27° 4	23° 6	12°18	22°17	25°46	25°19	25°58	25°55	2°48	11°44	11° 3	10°19	n.a.	T 27
W28	7 17 57	21°30'43	9♓16	24° 9	13°29	23° 4	25°41	25°24	26° 1	25°53	2°47	11°35	11° 0	10°26	n.a.	W28
T 29	7 21 53	22°30'22	21°39	25°14	14°41	23°51	25°35	25°29	26° 4	25°51	2°46	11°28	10°57	10°32	n.a.	T 29
F 30	7 25 50	23°29'58	4♈14	26°22	15°53	24°38	25°30	25°34	26° 7	25°50	2°46	11°24	10°54	10°39	n.a.	F 30
S 31	7 29 46	24♑29'32	17♈ 6	27♐32	17♐ 4	25♐25	25♌24	25♏38	26♒10	25♋48	2♊45	11♉23	10♉50	10♑46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s48	11 s13	4 s32	19 s57	3n45	13 s27	2n17	21 s32	0 s33	14n19	1n39	17 s45	1n 9	14 s14	0 s47	22n16	1n 1	23n27	2n15	16n16	15n53	27 s56			n.a.
F 2	23 51	5 36	3 53	19 48	3 49	13 51	2 14	21 42	0 34	14 19	1 40	17 46	1 9	14 13	0 47	22 16	1 1	23 27	2 15	16 16	15 52	27 56			n.a.
S 3	23 53	0n25	3 2	19 42	3 51	14 15	2 12	21 52	0 35	14 20	1 40	17 48	1 9	14 12	0 47	22 16	1 1	23 26	2 15	16 16	15 51	27 56			n.a.
S 4	23 54	6 36	1 59	19 38	3 50	14 38	2 9	22 1	0 35	14 20	1 40	17 49	1 9	14 12	0 47	22 17	1 1	23 26	2 16	16 17	15 50	27 56			n.a.
M 5	23 55	12 43	0 47	19 35	3 48	15 1	2 7	22 11	0 36	14 21	1 41	17 51	1 9	14 11	0 47	22 17	1 1	23 26	2 16	16 17	15 49	27 56			n.a.
T 6	23 56	18 22	0n30	19 35	3 43	15 24	2 4	22 20	0 37	14 22	1 41	17 53	1 9	14 10	0 47	22 17	1 1	23 26	2 16	16 17	15 48	27 56			n.a.
W 7	23 56	23 7	1 47	19 36	3 37	15 47	2 1	22 29	0 37	14 23	1 41	17 54	1 9	14 9	0 47	22 18	1 1	23 26	2 16	16 17	15 47	27 56			n.a.
T 8	23 55	26 25	2 58	19 40	3 30	16 9	1 58	22 37	0 38	14 24	1 41	17 56	1 9	14 8	0 47	22 18	1 1	23 25	2 16	16 15	15 46	27 56			n.a.
F 9	23 54	27 49	3 58	19 45	3 22	16 31	1 55	22 46	0 39	14 25	1 42	17 57	1 9	14 8	0 47	22 18	1 1	23 25	2 16	16 14	15 45	27 56			n.a.
S 10	23 53	27 5	4 41	19 52	3 12	16 52	1 52	22 54	0 39	14 26	1 42	17 59	1 9	14 7	0 47	22 19	1 1	23 25	2 16	16 11	15 44	27 56			n.a.
S 11	23 51	24 21	5 3	20 0	3 2	17 13	1 49	23 2	0 40	14 27	1 42	18 0	1 9	14 6	0 47	22 19	1 1	23 25	2 16	16 9	15 43	27 56			n.a.
M12	23 49	20 2	5 5	20 10	2 51	17 34	1 46	23 10	0 41	14 28	1 43	18 2	1 9	14 5	0 47	22 19	1 1	23 25	2 16	16 7	15 42	27 56			n.a.
T 13	23 46	14 38	4 46	20 21	2 40	17 54	1 43	23 17	0 41	14 29	1 43	18 3	1 9	14 4	0 47	22 20	1 1	23 25	2 16	16 5	15 41	27 56			n.a.
W14	23 42	8 39	4 11	20 34	2 28	18 14	1 40	23 24	0 42	14 30	1 43	18 5	1 9	14 3	0 47	22 20	1 1	23 24	2 16	16 3	15 40	27 56			n.a.
T 15	23 39	2 28	3 23	20 47	2 16	18 34	1 37	23 31	0 43	14 32	1 44	18 6	1 9	14 2	0 47	22 20	1 1	23 24	2 16	16 3	15 39	27 56			n.a.
F 16	23 35	3 s37	2 26	21 1	2 4	18 53	1 33	23 38	0 43	14 33	1 44	18 7	1 9	14 1	0 47	22 21	1 1	23 24	2 16	16 3	15 38	27 56			n.a.
S 17	23 30	9 24	1 23	21 15	1 52	19 11	1 30	23 44	0 44	14 34	1 44	18 9	1 9	14 0	0 47	22 21	1 1	23 24	2 16	16 3	15 37	27 56			n.a.
S 18	23 25	14 42	0 18	21 30	1 41	19 29	1 27	23 50	0 45	14 36	1 44	18 10	1 9	14 0	0 47	22 21	1 1	23 24	2 16	16 3	15 36	27 56			n.a.
M19	23 19	19 19	0 s47	21 45	1 29	19 47	1 24	23 56	0 45	14 37	1 45	18 12	1 9	13 59	0 47	22 22	1 1	23 24	2 16	16 3	15 35	27 56			n.a.
T 20	23 13	23 6	1 48	22 1	1 17	20 4	1 20	24 1	0 46	14 39	1 45	18 13	1 9	13 58	0 46	22 22	1 1	23 23	2 16	16 2	15 34	27 56			n.a.
W21	23 7	25 52	2 45	22 16	1 5	20 20	1 17	24 7	0 47	14 41	1 45	18 14	1 9	13 57	0 46	22 22	1 1	23 23	2 16	16 1	15 33	27 56			n.a.
T 22	23 0	27 28	3 34	22 32	0 54	20 36	1 14	24 12	0 47	14 42	1 46	18 16	1 9	13 56	0 46	22 23	1 1	23 23	2 16	15 59	15 32	27 56			n.a.
F 23	22 53	27 48	4 13	22 47	0 43	20 52	1 10	24 16	0 48	14 44	1 46	18 17	1 9	13 55	0 46	22 23	1 2	23 23	2 16	15 55	15 31	27 56			n.a.
S 24	22 45	26 52	4 42	23 2	0 32	21 6	1 7	24 21	0 48	14 46	1 46	18 18	1 9	13 54	0 46	22 23	1 2	23 23	2 16	15 52	15 30	27 56			n.a.
S 25	22 37	24 42	4 58	23 16	0 21	21 21	1 3	24 25	0 49	14 48	1 46	18 19	1 9	13 53	0 46	22 24	1 2	23 23	2 16	15 48	15 29	27 56			n.a.
M26	22 28	21 27	5 1	23 30	0 11	21 35	1 0	24 29	0 50	14 50	1 47	18 21	1 9	13 52	0 46	22 24	1 2	23 22	2 16	15 44	15 28	27 56			n.a.
T 27	22 19	17 17	4 51	23 44	0 1	21 48	0 57	24 32	0 50	14 52	1 47	18 22	1 9	13 51	0 46	22 24	1 2	23 22	2 16	15 40	15 27	27 56			n.a.
W28	22 10	12 22	4 28	23 57	0 s 9	22 0	0 53	24 35	0 51	14 54	1 47	18 23	1 9	13 50	0 46	22 25	1 2	23 22	2 16	15 37	15 26	27 56			n.a.
T 29	22 0	6 55	3 51	24 9	0 18	22 12	0 50	24 38	0 52	14 56	1 47	18 24	1 9	13 49	0 46	22 25	1 2	23 22	2 16	15 35	15 25	27 56			n.a.
F 30	21 50	1 5	3 3	24 20	0 27	22 24	0 46	24 41	0 52	14 58	1 48	18 25	1 9	13 47	0 46	22 25	1 2	23 22	2 16	15 34	15 24	27 55			n.a.
S 31	21 s40	4n56	2 s 5	24 s31	0 s36	22 s34	0n43	24 s44	0 s53	15n 0	1n48	18 s26	1n 9	13 s46	0 s46	22n26	1n 2	23n22	2n16	15n33	15n23	27 s55			n.a.

Julian Day Number = 984713.5, Delta T = 13h09m37s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'49, Lahiri = -31°45'48 Julian Calendar 1 Jan. 2017 BCE == Greg. Calendar 15 Dec. 2018 BCE

The year -2016 astronomical counting style corresponds to year 2017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

FEBRUARY 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 33 43	25♉29'04	0♉18	28♐44	18♐16	26♐11	25°R19	25♏43	26♒13	25°R46	2°R44	11°D23	10♉47	10♉53	n.a.	S 1
M 2	7 37 40	26°28'33	13°54	29°58	19°28	26°58	25♌13	25°48	26°16	25♋45	2♊43	11°R23	10°44	10°59	n.a.	M 2
T 3	7 41 36	27°28'00	27°56	1♊14	20°39	27°45	25° 7	25°52	26°19	25°43	2°43	11♉22	10°41	11° 6	n.a.	T 3
W 4	7 45 33	28°27'24	12♊24	2°32	21°51	28°32	25° 1	25°57	26°22	25°41	2°42	11°19	10°38	11°13	n.a.	W 4
T 5	7 49 29	29°26'46	27°15	3°51	23° 3	29°18	24°55	26° 1	26°26	25°40	2°41	11°13	10°34	11°19	n.a.	T 5
F 6	7 53 26	0♒26'05	12♋24	5°12	24°14	0♊ 5	24°48	26° 5	26°29	25°38	2°41	11° 5	10°31	11°26	n.a.	F 6
S 7	7 57 22	1°25'22	27°41	6°35	25°26	0°52	24°42	26°10	26°32	25°36	2°40	10°55	10°28	11°33	n.a.	S 7
S 8	8 1 19	2°24'37	12♌54	7°59	26°38	1°38	24°35	26°14	26°35	25°35	2°40	10°44	10°25	11°39	n.a.	S 8
M 9	8 5 15	3°23'50	27°54	9°25	27°50	2°25	24°29	26°18	26°38	25°33	2°39	10°33	10°22	11°46	n.a.	M 9
T 10	8 9 12	4°23'00	12♍30	10°53	29° 2	3°12	24°22	26°22	26°41	25°31	2°38	10°24	10°19	11°53	n.a.	T 10
W11	8 13 9	5°22'09	26°38	12°22	0♊14	3°58	24°15	26°26	26°45	25°30	2°38	10°17	10°15	12° 0	n.a.	W11
T 12	8 17 5	6°21'15	10♎16	13°52	1°26	4°45	24° 8	26°30	26°48	25°28	2°37	10°13	10°12	12° 6	n.a.	T 12
F 13	8 21 2	7°20'19	23°25	15°24	2°38	5°32	24° 1	26°33	26°51	25°27	2°37	10°11	10° 9	12°13	n.a.	F 13
S 14	8 24 58	8°19'22	6♏ 8	16°57	3°50	6°18	23°54	26°37	26°54	25°25	2°37	10°11	10° 6	12°20	n.a.	S 14
S 15	8 28 55	9°18'23	18°30	18°32	5° 2	7° 5	23°47	26°41	26°58	25°23	2°36	10°11	10° 3	12°26	n.a.	S 15
M16	8 32 51	10°17'21	0♐37	20° 9	6°14	7°52	23°40	26°44	27° 1	25°22	2°36	10°10	9°59	12°33	n.a.	M16
T 17	8 36 48	11°16'18	12°33	21°46	7°26	8°38	23°32	26°48	27° 4	25°20	2°35	10° 7	9°56	12°40	n.a.	T 17
W18	8 40 44	12°15'13	24°23	23°26	8°38	9°25	23°25	26°51	27° 8	25°19	2°35	10° 1	9°53	12°47	n.a.	W18
T 19	8 44 41	13°14'06	6♑12	25° 6	9°50	10°11	23°18	26°54	27°11	25°17	2°35	9°53	9°50	12°53	n.a.	T 19
F 20	8 48 37	14°12'57	18° 3	26°48	11° 2	10°58	23°10	26°58	27°14	25°16	2°34	9°42	9°47	13° 0	n.a.	F 20
S 21	8 52 34	15°11'46	29°57	28°32	12°14	11°44	23° 3	27° 1	27°18	25°14	2°34	9°29	9°44	13° 7	n.a.	S 21
S 22	8 56 31	16°10'32	11♒58	0♒17	13°26	12°31	22°55	27° 4	27°21	25°12	2°34	9°15	9°40	13°13	n.a.	S 22
M23	9 0 27	17° 9'17	24° 5	2° 3	14°38	13°17	22°47	27° 7	27°25	25°11	2°34	9° 1	9°37	13°20	n.a.	M23
T 24	9 4 24	18° 7'59	6♓21	3°51	15°51	14° 3	22°40	27° 9	27°28	25° 9	2°33	8°48	9°34	13°27	n.a.	T 24
W25	9 8 20	19° 6'39	18°45	5°41	17° 3	14°50	22°32	27°12	27°31	25° 8	2°33	8°38	9°31	13°34	n.a.	W25
T 26	9 12 17	20° 5'17	1♈19	7°32	18°15	15°36	22°24	27°15	27°35	25° 6	2°33	8°30	9°28	13°40	n.a.	T 26
F 27	9 16 13	21° 3'52	14° 4	9°25	19°27	16°22	22°17	27°17	27°38	25° 5	2°33	8°25	9°25	13°47	n.a.	F 27
S 28	9 20 10	22° 2'25	27° 3	11°19	20°39	17° 9	22° 9	27°20	27°42	25° 4	2°33	8°23	9°21	13°54	n.a.	S 28
S 29	9 24 6	23♒ 0'56	10♉17	13♒14	21♉52	17♉55	22♌ 1	27♏22	27♒45	25♋ 2	2♊33	8°D23	9♉18	14♉ 0	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl	decl	decl	lat
S 1	21 s29	10n54	0 s58	24 s40	0 s45	22 s44	0n40	24 s46	0 s53	15n 2	1n48	18 s28	1n 9	13 s45	0 s46	22n26	1n 2	23n22	2n16	15n33		15n22	27 s55		n.a.
M 2	21 17	16 33	0n13	24 48	0 53	22 54	0 36	24 48	0 54	15 4	1 48	18 29	1 9	13 44	0 46	22 26	1 2	23 21	2 16	15 33		15 21	27 55		n.a.
T 3	21 5	21 30	1 26	24 56	1 0	23 3	0 33	24 49	0 55	15 7	1 48	18 30	1 9	13 43	0 46	22 27	1 2	23 21	2 16	15 33		15 20	27 55		n.a.
W 4	20 53	25 19	2 36	25 2	1 8	23 11	0 29	24 50	0 55	15 9	1 49	18 31	1 9	13 42	0 46	22 27	1 2	23 21	2 17	15 32		15 19	27 55		n.a.
T 5	20 41	27 31	3 37	25 7	1 15	23 18	0 26	24 51	0 56	15 11	1 49	18 32	1 9	13 41	0 46	22 27	1 2	23 21	2 17	15 30		15 18	27 55		n.a.
F 6	20 28	27 43	4 24	25 11	1 21	23 25	0 23	24 52	0 56	15 14	1 49	18 33	1 9	13 40	0 46	22 28	1 2	23 21	2 17	15 28		15 17	27 54		n.a.
S 7	20 15	25 49	4 53	25 13	1 28	23 31	0 19	24 52	0 57	15 16	1 49	18 34	1 10	13 39	0 46	22 28	1 2	23 21	2 17	15 24		15 16	27 54		n.a.
S 8	20 1	22 4	5 0	25 14	1 33	23 37	0 16	24 53	0 58	15 18	1 49	18 35	1 10	13 38	0 46	22 28	1 2	23 21	2 17	15 21		15 15	27 54		n.a.
M 9	19 48	16 55	4 47	25 14	1 39	23 42	0 13	24 52	0 58	15 21	1 50	18 36	1 10	13 36	0 46	22 28	1 2	23 21	2 17	15 17		15 14	27 54		n.a.
T 10	19 33	10 55	4 15	25 12	1 44	23 46	0 10	24 52	0 59	15 23	1 50	18 37	1 10	13 35	0 46	22 29	1 2	23 21	2 17	15 14		15 13	27 54		n.a.
W11	19 19	4 32	3 28	25 9	1 49	23 49	0 6	24 51	0 59	15 26	1 50	18 37	1 10	13 34	0 46	22 29	1 2	23 21	2 17	15 12		15 12	27 53		n.a.
T 12	19 4	1 s50	2 31	25 4	1 53	23 52	0 3	24 50	1 0	15 28	1 50	18 38	1 10	13 33	0 46	22 29	1 2	23 20	2 17	15 11		15 11	27 53		n.a.
F 13	18 49	7 55	1 27	24 57	1 57	23 54	0 s 0	24 49	1 0	15 31	1 50	18 39	1 10	13 32	0 46	22 30	1 2	23 20	2 17	15 10		15 10	27 53		n.a.
S 14	18 33	13 30	0 21	24 49	2 0	23 56	0 3	24 47	1 1	15 33	1 50	18 40	1 10	13 31	0 46	22 30	1 2	23 20	2 17	15 10		15 9	27 53		n.a.
S 15	18 17	18 23	0 s44	24 39	2 3	23 56	0 6	24 45	1 1	15 36	1 51	18 41	1 10	13 30	0 46	22 30	1 2	23 20	2 17	15 10		15 8	27 52		n.a.
M16	18 1	22 25	1 46	24 27	2 5	23 56	0 9	24 43	1 2	15 39	1 51	18 42	1 10	13 28	0 46	22 31	1 2	23 20	2 17	15 10		15 7	27 52		n.a.
T 17	17 45	25 26	2 42	24 13	2 7	23 55	0 12	24 41	1 3	15 41	1 51	18 42	1 10	13 27	0 46	22 31	1 2	23 20	2 17	15 9		15 6	27 52		n.a.
W18	17 28	27 19	3 31	23 58	2 9	23 54	0 15	24 38	1 3	15 44	1 51	18 43	1 10	13 26	0 46	22 31	1 2	23 20	2 17	15 7		15 5	27 52		n.a.
T 19	17 11	27 57	4 10	23 41	2 10	23 52	0 18	24 35	1 4	15 46	1 51	18 44	1 10	13 25	0 46	22 32	1 2	23 20	2 17	15 4		15 3	27 51		n.a.
F 20	16 54	27 17	4 39	23 21	2 11	23 49	0 21	24 32	1 4	15 49	1 51	18 45	1 10	13 24	0 46	22 32	1 2	23 20	2 17	15 1		15 2	27 51		n.a.
S 21	16 36	25 23	4 55	23 0	2 11	23 45	0 24	24 28	1 5	15 52	1 51	18 45	1 10	13 22	0 46	22 32	1 2	23 20	2 17	14 57		15 1	27 51		n.a.
S 22	16 19	22 20	4 59	22 37	2 10	23 41	0 27	24 24	1 5	15 54	1 51	18 46	1 10	13 21	0 46	22 32	1 2	23 20	2 17	14 52		15 0	27 50		n.a.
M23	16 1	18 18	4 49	22 12	2 9	23 36	0 30	24 20	1 6	15 57	1 51	18 47	1 10	13 20	0 46	22 33	1 2	23 20	2 17	14 48		14 59	27 50		n.a.
T 24	15 42	13 28	4 26	21 45	2 8	23 30	0 33	24 16	1 6	15 59	1 51	18 47	1 10	13 19	0 46	22 33	1 2	23 20	2 17	14 43		14 58	27 50		n.a.
W25	15 24	8 3	3 50	21 16	2 6	23 24	0 35	24 11	1 7	16 2	1 51	18 48	1 10	13 18	0 46	22 33	1 2	23 20	2 17	14 40		14 57	27 49		n.a.
T 26	15 5	2 15	3 2	20 45	2 3	23 17	0 38	24 6	1 7	16 5	1 51	18 48	1 10	13 17	0 46	22 34	1 2	23 20	2 17	14 37		14 56	27 49		n.a.
F 27	14 46	3n45	2 5	20 11	2 0	23 9	0 41	24 1	1 8	16 7	1 52	18 49	1 10	13 15	0 46	22 34	1 2	23 20	2 17	14 36		14 55	27 49		n.a.
S 28	14 27	9 42	1 0	19 36	1 57	23 1	0 43	23 56	1 8	16 10	1 52	18 49	1 10	13 14	0 46	22 34	1 2	23 20	2 17	14 35		14 54	27 48		n.a.
S 29	14 s 7	15n22	0n10	18 s59	1 s52	22 s52	0 s46	23 s50	1 s 8	16n12	1n52	18 s50	1n10	13 s13	0 s46	22n34	1n 2	23n20	2n17	14n35		14n53	27 s48		n.a.

Julian Day Number = 984744.5, Delta T = 13h09m35s
Ecliptic obliquity = 23°55'40, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'45, Lahiri = -31°45'44 Julian Calendar 1 Feb. 2017 BCE == Greg. Calendar 15 Jan. 2017 BCE

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

MARCH 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 28 3	23♒59'25	23♉50	15♒11	23♑ 4	18♑41	21°R54	27♏25	27♒48	25°R 1	2°R33	8°R23	9♉15	14♑ 7	n.a.	M 1
T 2	9 31 59	24°57'51	7♊43	17°10	24°16	19°27	21♌46	27°27	27°52	24♋59	2°D33	8♉23	9°12	14°14	n.a.	T 2
W 3	9 35 56	25°56'15	21°57	19°10	25°29	20°14	21°38	27°29	27°55	24°58	2♊33	8°20	9° 9	14°20	n.a.	W 3
T 4	9 39 53	26°54'36	6♋30	21°11	26°41	21° 0	21°31	27°31	27°59	24°57	2°33	8°16	9° 5	14°27	n.a.	T 4
F 5	9 43 49	27°52'56	21°19	23°13	27°53	21°46	21°23	27°33	28° 2	24°55	2°33	8° 8	9° 2	14°34	n.a.	F 5
S 6	9 47 46	28°51'13	6♌17	25°17	29° 5	22°32	21°15	27°35	28° 5	24°54	2°33	7°59	8°59	14°41	n.a.	S 6
S 7	9 51 42	29°49'28	21°15	27°22	0♒18	23°18	21° 8	27°36	28° 9	24°53	2°33	7°49	8°56	14°47	n.a.	S 7
M 8	9 55 39	0♓47'41	6♍ 3	29°28	1°30	24° 4	21° 0	27°38	28°12	24°51	2°33	7°39	8°53	14°54	n.a.	M 8
T 9	9 59 35	1°45'51	20°35	1♓35	2°42	24°50	20°53	27°40	28°16	24°50	2°33	7°31	8°50	15° 1	n.a.	T 9
W10	10 3 32	2°44'00	4♎42	3°43	3°55	25°36	20°46	27°41	28°19	24°49	2°34	7°25	8°46	15° 7	n.a.	W10
T 11	10 7 28	3°42'08	18°22	5°51	5° 7	26°22	20°38	27°42	28°23	24°48	2°34	7°21	8°43	15°14	n.a.	T 11
F 12	10 11 25	4°40'13	1♏35	7°59	6°20	27° 8	20°31	27°44	28°26	24°46	2°34	7°D19	8°40	15°21	n.a.	F 12
S 13	10 15 21	5°38'17	14°22	10° 8	7°32	27°53	20°24	27°45	28°29	24°45	2°34	7°19	8°37	15°28	n.a.	S 13
S 14	10 19 18	6°36'20	26°48	12°16	8°45	28°39	20°16	27°46	28°33	24°44	2°35	7°20	8°34	15°34	n.a.	S 14
M15	10 23 15	7°34'21	8♐58	14°24	9°57	29°25	20° 9	27°47	28°36	24°43	2°35	7°R20	8°31	15°41	n.a.	M15
T 16	10 27 11	8°32'20	20°57	16°30	11° 9	0♒11	20° 2	27°48	28°40	24°42	2°35	7°19	8°27	15°48	n.a.	T 16
W17	10 31 8	9°30'18	2♑49	18°36	12°22	0°56	19°55	27°49	28°43	24°41	2°36	7°16	8°24	15°54	n.a.	W17
T 18	10 35 4	10°28'15	14°39	20°40	13°34	1°42	19°49	27°49	28°46	24°40	2°36	7°11	8°21	16° 1	n.a.	T 18
F 19	10 39 1	11°26'09	26°32	22°43	14°47	2°28	19°42	27°50	28°50	24°39	2°36	7° 4	8°18	16° 8	n.a.	F 19
S 20	10 42 57	12°24'03	8♒31	24°43	16° 0	3°13	19°35	27°50	28°53	24°38	2°37	6°55	8°15	16°15	n.a.	S 20
S 21	10 46 54	13°21'54	20°38	26°41	17°12	3°59	19°29	27°51	28°56	24°37	2°37	6°45	8°11	16°21	n.a.	S 21
M22	10 50 50	14°19'44	2♓56	28°37	18°25	4°44	19°22	27°51	29° 0	24°36	2°38	6°36	8° 8	16°28	n.a.	M22
T 23	10 54 47	15°17'33	15°25	0♈30	19°37	5°30	19°16	27°51	29° 3	24°35	2°38	6°27	8° 5	16°35	n.a.	T 23
W24	10 58 43	16°15'20	28° 5	2°20	20°50	6°15	19°10	27°R51	29° 6	24°34	2°39	6°19	8° 2	16°41	n.a.	W24
T 25	11 2 40	17°13'05	10♈57	4° 7	22° 2	7° 0	19° 4	27°51	29°10	24°33	2°39	6°14	7°59	16°48	n.a.	T 25
F 26	11 6 37	18°10'48	24° 1	5°51	23°15	7°46	18°58	27°51	29°13	24°32	2°40	6°12	7°56	16°55	n.a.	F 26
S 27	11 10 33	19° 8'30	7♉17	7°32	24°28	8°31	18°52	27°51	29°16	24°31	2°41	6°D11	7°52	17° 2	n.a.	S 27
S 28	11 14 30	20° 6'10	20°45	9° 9	25°40	9°16	18°46	27°51	29°20	24°31	2°41	6°12	7°49	17° 8	n.a.	S 28
M29	11 18 26	21° 3'48	4♊26	10°42	26°53	10° 1	18°41	27°50	29°23	24°30	2°42	6°13	7°46	17°15	n.a.	M29
T 30	11 22 23	22° 1'25	18°20	12°13	28° 5	10°46	18°35	27°50	29°26	24°29	2°43	6°R14	7°43	17°22	n.a.	T 30
W31	11 26 19	22♓59'00	2♋27	13♈39	29♒18	11♒31	18♌30	27♏49	29♒29	24♋28	2♊43	6♉13	7♉40	17♑28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13s48	20n25	1n21	18s19	1s48	22s42	0s48	23s44	1s 9	16n15	1n52	18s50	1n10	13s12	0s46	22n35	1n 2	23n20	2n17	14n35	14n52	27s48			n.a.
T 2	13 28	24 29	2 29	17 38	1 42	22 32	0 50	23 38	1 9	16 18	1 52	18 51	1 10	13 10	0 46	22 35	1 2	23 20	2 17	14 35	14 51	27 47			n.a.
W 3	13 8	27 9	3 29	16 54	1 37	22 21	0 53	23 31	1 10	16 20	1 52	18 51	1 10	13 9	0 46	22 35	1 2	23 20	2 17	14 34	14 50	27 47			n.a.
T 4	12 48	28 3	4 17	16 9	1 30	22 9	0 55	23 24	1 10	16 23	1 52	18 52	1 10	13 8	0 46	22 35	1 2	23 20	2 17	14 33	14 49	27 47			n.a.
F 5	12 27	26 57	4 49	15 22	1 23	21 57	0 57	23 17	1 11	16 25	1 52	18 52	1 11	13 7	0 46	22 36	1 2	23 20	2 17	14 30	14 48	27 46			n.a.
S 6	12 7	23 57	5 2	14 32	1 16	21 44	0 59	23 10	1 11	16 28	1 52	18 53	1 11	13 6	0 46	22 36	1 2	23 20	2 17	14 27	14 47	27 46			n.a.
S 7	11 46	19 20	4 54	13 41	1 8	21 30	1 2	23 3	1 12	16 30	1 52	18 53	1 11	13 4	0 46	22 36	1 2	23 20	2 17	14 24	14 46	27 45			n.a.
M 8	11 25	13 35	4 26	12 49	0 59	21 16	1 4	22 55	1 12	16 33	1 52	18 53	1 11	13 3	0 46	22 36	1 2	23 20	2 17	14 21	14 45	27 45			n.a.
T 9	11 4	7 11	3 42	11 54	0 50	21 1	1 6	22 47	1 12	16 35	1 51	18 54	1 11	13 2	0 46	22 37	1 2	23 20	2 17	14 18	14 44	27 44			n.a.
W10	10 42	0 36	2 44	10 59	0 41	20 46	1 7	22 39	1 13	16 37	1 51	18 54	1 11	13 1	0 46	22 37	1 2	23 20	2 17	14 16	14 43	27 44			n.a.
T 11	10 21	5s49	1 39	10 2	0 31	20 30	1 9	22 30	1 13	16 40	1 51	18 54	1 11	13 0	0 46	22 37	1 2	23 20	2 17	14 15	14 42	27 44			n.a.
F 12	10 0	11 47	0 31	9 4	0 21	20 13	1 11	22 22	1 14	16 42	1 51	18 54	1 11	12 58	0 46	22 37	1 2	23 20	2 17	14 14	14 41	27 43			n.a.
S 13	9 38	17 4	0s38	8 5	0 11	19 56	1 13	22 13	1 14	16 44	1 51	18 55	1 11	12 57	0 46	22 37	1 2	23 20	2 17	14 14	14 40	27 43			n.a.
S 14	9 16	21 30	1 42	7 6	0n 0	19 38	1 14	22 4	1 14	16 47	1 51	18 55	1 11	12 56	0 46	22 38	1 2	23 20	2 17	14 14	14 39	27 42			n.a.
M15	8 54	24 53	2 41	6 6	0 11	19 20	1 16	21 54	1 15	16 49	1 51	18 55	1 11	12 55	0 46	22 38	1 2	23 20	2 17	14 14	14 38	27 42			n.a.
T 16	8 32	27 7	3 31	5 6	0 22	19 1	1 18	21 45	1 15	16 51	1 51	18 55	1 11	12 54	0 46	22 38	1 2	23 20	2 17	14 14	14 37	27 41			n.a.
W17	8 10	28 6	4 12	4 6	0 33	18 42	1 19	21 35	1 15	16 53	1 51	18 55	1 11	12 52	0 46	22 38	1 2	23 20	2 17	14 13	14 36	27 41			n.a.
T 18	7 48	27 46	4 42	3 6	0 44	18 22	1 20	21 25	1 16	16 55	1 51	18 55	1 11	12 51	0 46	22 38	1 2	23 21	2 17	14 11	14 35	27 40			n.a.
F 19	7 25	26 10	5 0	2 7	0 55	18 2	1 22	21 15	1 16	16 57	1 51	18 56	1 11	12 50	0 46	22 38	1 2	23 21	2 17	14 9	14 33	27 40			n.a.
S 20	7 3	23 24	5 5	1 9	1 5	17 41	1 23	21 4	1 16	16 59	1 50	18 56	1 11	12 49	0 46	22 39	1 2	23 21	2 17	14 6	14 32	27 39			n.a.
S 21	6 40	19 34	4 56	0 11	1 16	17 20	1 24	20 54	1 17	17 1	1 50	18 56	1 11	12 48	0 46	22 39	1 2	23 21	2 17	14 3	14 31	27 39			n.a.
M22	6 17	14 52	4 34	0n44	1 25	16 58	1 25	20 43	1 17	17 3	1 50	18 56	1 11	12 46	0 46	22 39	1 2	23 21	2 17	13 59	14 30	27 38			n.a.
T 23	5 55	9 30	3 58	1 39	1 35	16 36	1 26	20 32	1 17	17 5	1 50	18 56	1 11	12 45	0 46	22 39	1 2	23 21	2 17	13 56	14 29	27 37			n.a.
W24	5 32	3 40	3 10	2 32	1 44	16 13	1 27	20 21	1 18	17 7	1 50	18 56	1 11	12 44	0 46	22 39	1 2	23 21	2 17	13 54	14 28	27 37			n.a.
T 25	5 9	2n25	2 11	3 23	1 53	15 50	1 28	20 9	1 18	17 9	1 50	18 56	1 11	12 43	0 46	22 39	1 2	23 21	2 17	13 52	14 27	27 36			n.a.
F 26	4 46	8 30	1 5	4 13	2 1	15 26	1 29	19 58	1 18	17 11	1 50	18 56	1 11	12 42	0 46	22 40	1 1	23 21	2 17	13 51	14 26	27 36			n.a.
S 27	4 23	14 19	0n 6	5 0	2 8	15 2	1 30	19 46	1 18	17 12	1 49	18 56	1 11	12 41	0 46	22 40	1 1	23 22	2 17	13 51	14 25	27 35			n.a.
S 28	4 0	19 33	1 18	5 45	2 15	14 38	1 30	19 34	1 19	17 14	1 49	18 55	1 11	12 39	0 46	22 40	1 1	23 22	2 17	13 51	14 24	27 35			n.a.
M29	3 37	23 52	2 27	6 28	2 21	14 13	1 31	19 22	1 19	17 16	1 49	18 55	1 12	12 38	0 46	22 40	1 1	23 22	2 17	13 52	14 23	27 34			n.a.
T 30	3 14	26 51	3 28	7 9	2 26	13 48	1 32	19 9	1 19	17 17	1 49	18 55	1 12	12 37	0 46	22 40	1 1	23 22	2 17	13 52	14 22	27 33			n.a.
W31	2s50	28n12	4n17	7n48	2n31	13s23	1s32	18s57	1s20	17n19	1n49	18s55	1n12	12s36	0s46	22n40	1n 1	23n22	2n17	13n52	14n21	27s33			n.a.

Julian Day Number = 984773.5, Delta T = 13h09m33s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'41, Lahiri = -31°45'40 Julian Calendar 1 March 2017 BCE == Greg. Calendar 13 Feb. 2017 BCE

The year -2016 astronomical counting style corresponds to year 2017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

APRIL 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 30 16	23♓56'33	16♋47	15♈ 2	0♓31	12♒16	18°R25	27°R49	29♒32	24°R28	2♊44	6°R11	7♉37	17♑35	n.a.	T 1
F 2	11 34 12	24°54'04	1♌15	16°21	1°43	13° 1	18♌20	27♏48	29°36	24♋27	2°45	6♉ 8	7°33	17°42	n.a.	F 2
S 3	11 38 9	25°51'34	15°48	17°37	2°56	13°46	18°15	27°47	29°39	24°27	2°45	6° 3	7°30	17°49	n.a.	S 3
S 4	11 42 6	26°49'02	0♍20	18°48	4° 9	14°31	18°10	27°46	29°42	24°26	2°46	5°57	7°27	17°55	n.a.	S 4
M 5	11 46 2	27°46'29	14°45	19°56	5°22	15°16	18° 6	27°45	29°45	24°25	2°47	5°51	7°24	18° 2	n.a.	M 5
T 6	11 49 59	28°43'54	28°56	21° 0	6°34	16° 0	18° 1	27°44	29°48	24°25	2°48	5°46	7°21	18° 9	n.a.	T 6
W 7	11 53 55	29°41'18	12♎49	22° 0	7°47	16°45	17°57	27°43	29°51	24°24	2°49	5°43	7°17	18°15	n.a.	W 7
T 8	11 57 52	0♈38'41	26°21	22°55	9° 0	17°30	17°53	27°41	29°54	24°24	2°50	5°41	7°14	18°22	n.a.	T 8
F 9	12 1 48	1°36'03	9♏30	23°47	10°13	18°14	17°49	27°40	29°57	24°23	2°50	5°D40	7°11	18°29	n.a.	F 9
S 10	12 5 45	2°33'24	22°17	24°34	11°25	18°59	17°45	27°38	0♓ 0	24°23	2°51	5°41	7° 8	18°36	n.a.	S 10
S 11	12 9 41	3°30'44	4♐45	25°17	12°38	19°43	17°42	27°37	0° 3	24°23	2°52	5°43	7° 5	18°42	n.a.	S 11
M12	12 13 38	4°28'03	16°57	25°56	13°51	20°28	17°38	27°35	0° 6	24°22	2°53	5°44	7° 2	18°49	n.a.	M12
T 13	12 17 35	5°25'22	28°58	26°31	15° 4	21°12	17°35	27°33	0° 9	24°22	2°54	5°46	6°58	18°56	n.a.	T 13
W14	12 21 31	6°22'39	10♑52	27° 1	16°17	21°56	17°32	27°31	0°12	24°22	2°55	5°R46	6°55	19° 3	n.a.	W14
T 15	12 25 28	7°19'56	22°45	27°26	17°29	22°41	17°29	27°29	0°15	24°22	2°56	5°45	6°52	19° 9	n.a.	T 15
F 16	12 29 24	8°17'13	4♒40	27°47	18°42	23°25	17°26	27°27	0°18	24°21	2°57	5°42	6°49	19°16	n.a.	F 16
S 17	12 33 21	9°14'28	16°43	28° 3	19°55	24° 9	17°24	27°25	0°21	24°21	2°58	5°39	6°46	19°23	n.a.	S 17
S 18	12 37 17	10°11'43	28°56	28°15	21° 8	24°53	17°21	27°23	0°24	24°21	2°59	5°35	6°42	19°29	n.a.	S 18
M19	12 41 14	11° 8'57	11♓22	28°22	22°21	25°37	17°19	27°21	0°26	24°21	3° 1	5°31	6°39	19°36	n.a.	M19
T 20	12 45 10	12° 6'10	24° 3	28°R24	23°34	26°21	17°17	27°18	0°29	24°21	3° 2	5°27	6°36	19°43	n.a.	T 20
W21	12 49 7	13° 3'22	6♈59	28°22	24°47	27° 5	17°15	27°16	0°32	24°21	3° 3	5°25	6°33	19°50	n.a.	W21
T 22	12 53 4	14° 0'34	20°12	28°16	26° 0	27°49	17°13	27°13	0°35	24°D21	3° 4	5°23	6°30	19°56	n.a.	T 22
F 23	12 57 0	14°57'45	3♉39	28° 5	27°13	28°32	17°12	27°11	0°37	24°21	3° 5	5°D22	6°27	20° 3	n.a.	F 23
S 24	13 0 57	15°54'55	17°18	27°50	28°26	29°16	17°11	27° 8	0°40	24°21	3° 6	5°23	6°23	20°10	n.a.	S 24
S 25	13 4 53	16°52'05	1♊10	27°32	29°39	29°59	17° 9	27° 5	0°43	24°21	3° 8	5°24	6°20	20°16	n.a.	S 25
M26	13 8 50	17°49'13	15°10	27°10	0♈52	0♓43	17° 8	27° 2	0°45	24°21	3° 9	5°25	6°17	20°23	n.a.	M26
T 27	13 12 46	18°46'21	29°17	26°44	2° 5	1°27	17° 8	27° 0	0°48	24°21	3°10	5°26	6°14	20°30	n.a.	T 27
W28	13 16 43	19°43'28	13♋29	26°16	3°18	2°10	17° 7	26°57	0°50	24°21	3°11	5°R27	6°11	20°37	n.a.	W28
T 29	13 20 39	20°40'34	27°43	25°46	4°31	2°54	17° 7	26°53	0°53	24°21	3°13	5°27	6° 8	20°43	n.a.	T 29
F 30	13 24 36	21♈37'40	11♌57	25♈14	5♈44	3♓37	17♌ 6	26♏50	0♓55	24♋22	3♊14	5♉26	6♉ 4	20♑50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s27	27n40	4n52	8n25	2n35	12s57	1s32	18s44	1s20	17n20	1n49	18s55	1n12	12s35	0s46	22n40	1n 1	23n22	2n17	13n51	14n20	27s32		n.a.
F 2	2 4	25 17	5 8	8 59	2 38	12 31	1 33	18 32	1 20	17 21	1 48	18 55	1 12	12 34	0 46	22 40	1 1	23 22	2 17	13 50	14 19	27 32		n.a.
S 3	1 41	21 16	5 5	9 30	2 40	12 4	1 33	18 19	1 20	17 23	1 48	18 54	1 12	12 33	0 46	22 40	1 1	23 23	2 17	13 48	14 18	27 31		n.a.
S 4	1 17	15 57	4 42	9 59	2 41	11 38	1 33	18 5	1 20	17 24	1 48	18 54	1 12	12 32	0 46	22 41	1 1	23 23	2 17	13 46	14 17	27 30		n.a.
M 5	0 54	9 49	4 1	10 26	2 42	11 11	1 33	17 52	1 21	17 25	1 48	18 54	1 12	12 30	0 46	22 41	1 1	23 23	2 17	13 44	14 16	27 30		n.a.
T 6	0 31	3 16	3 6	10 51	2 42	10 43	1 33	17 39	1 21	17 26	1 47	18 54	1 12	12 29	0 46	22 41	1 1	23 23	2 17	13 43	14 15	27 29		n.a.
W 7	0 8	3s19	2 1	11 12	2 40	10 16	1 33	17 25	1 21	17 28	1 47	18 53	1 12	12 28	0 46	22 41	1 1	23 23	2 17	13 42	14 14	27 28		n.a.
T 8	0n16	9 35	0 51	11 32	2 38	9 48	1 33	17 11	1 21	17 29	1 47	18 53	1 12	12 27	0 46	22 41	1 1	23 24	2 17	13 41	14 12	27 28		n.a.
F 9	0 39	15 17	0s21	11 49	2 35	9 19	1 33	16 58	1 21	17 30	1 47	18 53	1 12	12 26	0 46	22 41	1 1	23 24	2 17	13 41	14 11	27 27		n.a.
S 10	1 2	20 9	1 29	12 3	2 31	8 51	1 33	16 44	1 22	17 31	1 47	18 52	1 12	12 25	0 46	22 41	1 1	23 24	2 17	13 41	14 10	27 26		n.a.
S 11	1 25	24 1	2 32	12 14	2 26	8 22	1 33	16 30	1 22	17 32	1 46	18 52	1 12	12 24	0 46	22 41	1 1	23 24	2 17	13 42	14 9	27 26		n.a.
M12	1 49	26 42	3 26	12 24	2 20	7 53	1 32	16 15	1 22	17 32	1 46	18 51	1 12	12 23	0 46	22 41	1 1	23 24	2 17	13 42	14 8	27 25		n.a.
T 13	2 12	28 6	4 11	12 30	2 14	7 24	1 32	16 1	1 22	17 33	1 46	18 51	1 12	12 22	0 46	22 41	1 1	23 25	2 17	13 43	14 7	27 24		n.a.
W14	2 35	28 11	4 44	12 34	2 6	6 55	1 31	15 46	1 22	17 34	1 46	18 51	1 12	12 21	0 46	22 41	1 1	23 25	2 17	13 43	14 6	27 23		n.a.
T 15	2 58	26 58	5 5	12 35	1 57	6 26	1 31	15 32	1 22	17 35	1 45	18 50	1 12	12 20	0 46	22 41	1 1	23 25	2 17	13 42	14 5	27 23		n.a.
F 16	3 21	24 32	5 13	12 34	1 48	5 56	1 30	15 17	1 23	17 35	1 45	18 50	1 12	12 19	0 46	22 41	1 1	23 25	2 17	13 42	14 4	27 22		n.a.
S 17	3 44	21 1	5 7	12 30	1 37	5 26	1 29	15 2	1 23	17 36	1 45	18 49	1 12	12 18	0 46	22 41	1 1	23 26	2 17	13 40	14 3	27 21		n.a.
S 18	4 7	16 33	4 48	12 24	1 26	4 56	1 29	14 47	1 23	17 36	1 45	18 49	1 12	12 17	0 46	22 41	1 1	23 26	2 17	13 39	14 2	27 20		n.a.
M19	4 30	11 21	4 14	12 15	1 13	4 26	1 28	14 32	1 23	17 37	1 44	18 48	1 12	12 16	0 46	22 41	1 1	23 26	2 18	13 38	14 1	27 20		n.a.
T 20	4 53	5 35	3 28	12 4	1 0	3 56	1 27	14 17	1 23	17 37	1 44	18 47	1 12	12 15	0 46	22 41	1 1	23 26	2 18	13 37	14 0	27 19		n.a.
W21	5 15	0n33	2 30	11 50	0 46	3 26	1 26	14 2	1 23	17 37	1 44	18 47	1 12	12 14	0 46	22 41	1 1	23 26	2 18	13 36	13 59	27 18		n.a.
T 22	5 38	6 47	1 23	11 34	0 32	2 55	1 25	13 46	1 23	17 38	1 43	18 46	1 12	12 13	0 46	22 41	1 1	23 27	2 18	13 35	13 58	27 17		n.a.
F 23	6 1	12 50	0 10	11 16	0 16	2 25	1 24	13 31	1 23	17 38	1 43	18 46	1 12	12 12	0 46	22 41	1 1	23 27	2 18	13 35	13 56	27 17		n.a.
S 24	6 23	18 23	1n 5	10 56	0 1	1 54	1 23	13 15	1 23	17 38	1 43	18 45	1 12	12 11	0 46	22 41	1 1	23 27	2 18	13 35	13 55	27 16		n.a.
S 25	6 46	23 3	2 17	10 34	0s16	1 23	1 22	13 0	1 23	17 38	1 43	18 44	1 12	12 10	0 46	22 41	1 1	23 28	2 18	13 35	13 54	27 15		n.a.
M26	7 8	26 26	3 22	10 10	0 32	0 53	1 21	12 44	1 23	17 38	1 42	18 44	1 12	12 9	0 47	22 41	1 1	23 28	2 18	13 36	13 53	27 14		n.a.
T 27	7 30	28 11	4 15	9 45	0 49	0 22	1 19	12 28	1 23	17 38	1 42	18 43	1 12	12 8	0 47	22 41	1 1	23 28	2 18	13 36	13 52	27 13		n.a.
W28	7 52	28 5	4 53	9 20	1 6	0n 9	1 18	12 13	1 23	17 38	1 42	18 42	1 12	12 7	0 47	22 41	1 1	23 28	2 18	13 36	13 51	27 12		n.a.
T 29	8 14	26 9	5 13	8 53	1 22	0 40	1 17	11 57	1 23	17 38	1 42	18 42	1 12	12 7	0 47	22 41	1 1	23 29	2 18	13 36	13 50	27 12		n.a.
F 30	8n36	22n34	5n14	8n26	1s39	1n11	1s15	11s41	1s24	17n38	1n41	18s41	1n12	12s 6	0s47	22n41	1n 1	23n29	2n18	13n36	13n49	27s11		n.a.

Julian Day Number = 984804.5, Delta T = 13h09m31s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'36, Lahiri = -31°45'36 Julian Calendar 1 Apr. 2017 BCE == Greg. Calendar 15 March 2017 BCE

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

MAY 2017 BCE (-2016) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 28 33	22♈34'44	26♌ 9	24°R41	6♈57	4♓20	17°D 6	26°R47	0♓58	24♋22	3♊15	5°R25	6♉ 1	20♑57	n.a.	S 1
S 2	13 32 29	23°31'48	10♍14	24♈ 7	8°10	5° 3	17♌ 6	26♏44	1° 0	24°22	3°16	5♉23	5°58	21° 3	n.a.	S 2
M 3	13 36 26	24°28'51	24°11	23°32	9°23	5°46	17° 7	26°41	1° 2	24°23	3°18	5°22	5°55	21°10	n.a.	M 3
T 4	13 40 22	25°25'53	7♎56	22°59	10°37	6°29	17° 7	26°37	1° 5	24°23	3°19	5°21	5°52	21°17	n.a.	T 4
W 5	13 44 19	26°22'55	21°26	22°26	11°50	7°12	17° 8	26°34	1° 7	24°23	3°21	5°20	5°48	21°24	n.a.	W 5
T 6	13 48 15	27°19'57	4♏40	21°55	13° 3	7°55	17° 9	26°30	1° 9	24°24	3°22	5°D20	5°45	21°30	n.a.	T 6
F 7	13 52 12	28°16'58	17°36	21°27	14°16	8°38	17°10	26°27	1°11	24°24	3°23	5°20	5°42	21°37	n.a.	F 7
S 8	13 56 9	29°14'00	0♐16	21° 0	15°29	9°21	17°11	26°23	1°13	24°25	3°25	5°20	5°39	21°44	n.a.	S 8
S 9	14 0 5	0♑11'01	12°40	20°37	16°42	10° 3	17°12	26°19	1°16	24°25	3°26	5°21	5°36	21°50	n.a.	S 9
M10	14 4 2	1° 8'03	24°52	20°18	17°56	10°46	17°14	26°16	1°18	24°26	3°28	5°21	5°33	21°57	n.a.	M10
T 11	14 7 58	2° 5'04	6♑53	20° 2	19° 9	11°29	17°16	26°12	1°20	24°26	3°29	5°22	5°29	22° 4	n.a.	T 11
W12	14 11 55	3° 2'06	18°48	19°51	20°22	12°11	17°18	26° 8	1°22	24°27	3°30	5°22	5°26	22°11	n.a.	W12
T 13	14 15 51	3°59'08	0♒41	19°43	21°36	12°53	17°20	26° 4	1°24	24°28	3°32	5°R22	5°23	22°17	n.a.	T 13
F 14	14 19 48	4°56'10	12°37	19°D41	22°49	13°36	17°22	26° 0	1°26	24°28	3°33	5°D22	5°20	22°24	n.a.	F 14
S 15	14 23 45	5°53'12	24°40	19°43	24° 2	14°18	17°24	25°56	1°28	24°29	3°35	5°22	5°17	22°31	n.a.	S 15
S 16	14 27 41	6°50'15	6♓55	19°50	25°16	15° 0	17°27	25°52	1°29	24°30	3°36	5°22	5°14	22°38	n.a.	S 16
M17	14 31 38	7°47'18	19°25	20° 2	26°29	15°42	17°30	25°48	1°31	24°31	3°38	5°22	5°10	22°44	n.a.	M17
T 18	14 35 34	8°44'21	2♈14	20°19	27°42	16°24	17°33	25°44	1°33	24°31	3°39	5°23	5° 7	22°51	n.a.	T 18
W19	14 39 31	9°41'24	15°22	20°40	28°56	17° 6	17°36	25°40	1°35	24°32	3°41	5°23	5° 4	22°58	n.a.	W19
T 20	14 43 27	10°38'28	28°51	21° 7	0♉ 9	17°48	17°39	25°36	1°36	24°33	3°43	5°R23	5° 1	23° 4	n.a.	T 20
F 21	14 47 24	11°35'32	12♉40	21°39	1°23	18°30	17°42	25°31	1°38	24°34	3°44	5°23	4°58	23°11	n.a.	F 21
S 22	14 51 20	12°32'37	26°46	22°15	2°36	19°12	17°46	25°27	1°40	24°35	3°46	5°23	4°54	23°18	n.a.	S 22
S 23	14 55 17	13°29'42	11♊ 4	22°57	3°50	19°53	17°50	25°23	1°41	24°36	3°47	5°22	4°51	23°25	n.a.	S 23
M24	14 59 14	14°26'47	25°30	23°43	5° 3	20°35	17°54	25°19	1°43	24°37	3°49	5°21	4°48	23°31	n.a.	M24
T 25	15 3 10	15°23'52	9♋59	24°34	6°17	21°16	17°58	25°14	1°44	24°38	3°50	5°20	4°45	23°38	n.a.	T 25
W26	15 7 7	16°20'57	24°26	25°29	7°30	21°57	18° 2	25°10	1°46	24°39	3°52	5°19	4°42	23°45	n.a.	W26
T 27	15 11 3	17°18'02	8♌46	26°29	8°44	22°39	18° 6	25° 6	1°47	24°40	3°54	5°19	4°39	23°51	n.a.	T 27
F 28	15 15 0	18°15'08	22°56	27°34	9°57	23°20	18°11	25° 1	1°48	24°41	3°55	5°D19	4°35	23°58	n.a.	F 28
S 29	15 18 56	19°12'13	6♍55	28°43	11°11	24° 1	18°16	24°57	1°50	24°42	3°57	5°19	4°32	24° 5	n.a.	S 29
S 30	15 22 53	20° 9'19	20°40	29°57	12°25	24°42	18°21	24°52	1°51	24°43	3°58	5°20	4°29	24°12	n.a.	S 30
M31	15 26 50	21♉ 6'25	4♎13	1♉15	13♉38	25♓23	18♌26	24♏48	1♓52	24♋45	4♊ 0	5♉21	4♉26	24♑18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n58	17n40	4n55	7n58	1s55	1n42	1s14	11s25	1s24	17n38	1n41	18s40	1n12	12s 5	0s47	22n41	1n 1	23n29	2n18	13n36	13n48	27s10		n.a.
S 2	9 19	11 52	4 19	7 31	2 10	2 12	1 12	11 8	1 24	17 37	1 41	18 39	1 12	12 4	0 47	22 41	1 1	23 29	2 18	13 35	13 47	27 9		n.a.
M 3	9 41	5 32	3 28	7 5	2 25	2 43	1 10	10 52	1 24	17 37	1 40	18 39	1 12	12 3	0 47	22 41	1 1	23 30	2 18	13 35	13 46	27 8		n.a.
T 4	10 2	0s59	2 26	6 39	2 39	3 14	1 9	10 36	1 24	17 36	1 40	18 38	1 12	12 2	0 47	22 40	1 1	23 30	2 18	13 34	13 45	27 7		n.a.
W 5	10 23	7 21	1 16	6 15	2 52	3 45	1 7	10 20	1 23	17 36	1 40	18 37	1 12	12 2	0 47	22 40	1 1	23 30	2 18	13 34	13 44	27 6		n.a.
T 6	10 44	13 17	0 4	5 52	3 4	4 15	1 5	10 3	1 23	17 35	1 40	18 36	1 12	12 1	0 47	22 40	1 1	23 31	2 18	13 34	13 43	27 5		n.a.
F 7	11 5	18 30	1s 7	5 31	3 15	4 46	1 4	9 47	1 23	17 35	1 39	18 35	1 12	12 0	0 47	22 40	1 1	23 31	2 18	13 34	13 41	27 5		n.a.
S 8	11 25	22 48	2 14	5 12	3 25	5 16	1 2	9 30	1 23	17 34	1 39	18 35	1 12	11 59	0 47	22 40	1 1	23 31	2 18	13 34	13 40	27 4		n.a.
S 9	11 46	25 57	3 12	4 56	3 33	5 47	1 0	9 14	1 23	17 33	1 39	18 34	1 12	11 58	0 47	22 40	1 1	23 32	2 18	13 34	13 39	27 3		n.a.
M10	12 6	27 50	4 1	4 42	3 40	6 17	0 58	8 57	1 23	17 33	1 38	18 33	1 12	11 58	0 47	22 40	1 1	23 32	2 18	13 34	13 38	27 2		n.a.
T 11	12 26	28 23	4 39	4 30	3 46	6 47	0 56	8 41	1 23	17 32	1 38	18 32	1 12	11 57	0 47	22 40	1 1	23 32	2 18	13 35	13 37	27 1		n.a.
W12	12 46	27 35	5 4	4 22	3 51	7 17	0 54	8 24	1 23	17 31	1 38	18 31	1 12	11 56	0 47	22 40	1 1	23 33	2 18	13 35	13 36	27 0		n.a.
T 13	13 6	25 32	5 16	4 16	3 54	7 47	0 52	8 8	1 23	17 30	1 38	18 30	1 12	11 56	0 47	22 39	1 1	23 33	2 18	13 35	13 35	26 59		n.a.
F 14	13 26	22 22	5 14	4 13	3 56	8 16	0 50	7 51	1 23	17 29	1 37	18 29	1 12	11 55	0 47	22 39	1 0	23 33	2 18	13 35	13 34	26 58		n.a.
S 15	13 45	18 15	4 59	4 13	3 57	8 46	0 48	7 34	1 23	17 28	1 37	18 28	1 12	11 54	0 47	22 39	1 0	23 34	2 18	13 35	13 33	26 57		n.a.
S 16	14 4	13 19	4 30	4 16	3 56	9 15	0 46	7 18	1 23	17 27	1 37	18 27	1 12	11 54	0 47	22 39	1 0	23 34	2 18	13 35	13 32	26 56		n.a.
M17	14 23	7 45	3 48	4 23	3 55	9 44	0 44	7 1	1 23	17 26	1 36	18 27	1 12	11 53	0 47	22 39	1 0	23 34	2 18	13 35	13 31	26 55		n.a.
T 18	14 42	1 44	2 53	4 31	3 52	10 13	0 42	6 44	1 23	17 25	1 36	18 26	1 12	11 52	0 47	22 39	1 0	23 35	2 18	13 35	13 30	26 54		n.a.
W19	15 1	4n30	1 49	4 43	3 48	10 42	0 40	6 27	1 22	17 24	1 36	18 25	1 12	11 52	0 47	22 38	1 0	23 35	2 18	13 35	13 28	26 53		n.a.
T 20	15 19	10 44	0 36	4 58	3 43	11 10	0 37	6 10	1 22	17 22	1 36	18 24	1 11	11 51	0 47	22 38	1 0	23 35	2 19	13 35	13 27	26 52		n.a.
F 21	15 37	16 36	0n40	5 15	3 38	11 39	0 35	5 54	1 22	17 21	1 35	18 23	1 11	11 51	0 47	22 38	1 0	23 36	2 19	13 35	13 26	26 51		n.a.
S 22	15 55	21 42	1 56	5 35	3 31	12 7	0 33	5 37	1 22	17 19	1 35	18 22	1 11	11 50	0 47	22 38	1 0	23 36	2 19	13 35	13 25	26 50		n.a.
S 23	16 13	25 36	3 5	5 57	3 24	12 34	0 31	5 20	1 22	17 18	1 35	18 21	1 11	11 50	0 47	22 38	1 0	23 36	2 19	13 35	13 24	26 49		n.a.
M24	16 30	27 54	4 3	6 22	3 16	13 2	0 28	5 3	1 22	17 17	1 34	18 20	1 11	11 49	0 47	22 38	1 0	23 37	2 19	13 34	13 23	26 48		n.a.
T 25	16 47	28 17	4 46	6 49	3 7	13 29	0 26	4 46	1 21	17 15	1 34	18 19	1 11	11 49	0 47	22 37	1 0	23 37	2 19	13 34	13 22	26 47		n.a.
W26	17 4	26 45	5 10	7 18	2 58	13 55	0 24	4 30	1 21	17 13	1 34	18 18	1 11	11 48	0 47	22 37	1 0	23 37	2 19	13 34	13 21	26 46		n.a.
T 27	17 20	23 30	5 15	7 50	2 48	14 22	0 21	4 13	1 21	17 12	1 34	18 17	1 11	11 48	0 48	22 37	1 0	23 38	2 19	13 34	13 20	26 45		n.a.
F 28	17 37	18 53	5 1	8 23	2 37	14 48	0 19	3 56	1 21	17 10	1 33	18 16	1 11	11 47	0 48	22 37	1 0	23 38	2 19	13 33	13 19	26 44		n.a.
S 29	17 53	13 18	4 29	8 58	2 26	15 14	0 17	3 39	1 21	17 8	1 33	18 15	1 11	11 47	0 48	22 36	1 0	23 38	2 19	13 34	13 18	26 43		n.a.
S 30	18 9	7 10	3 42	9 35	2 15	15 39	0 14	3 22	1 20	17 6	1 33	18 14	1 11	11 46	0 48	22 36	1 0	23 39	2 19	13 34	13 17	26 41		n.a.
M31	18n24	0n47	2n44	10n14	2s 3	16n 4	0s12	3s 6	1s20	17n 5	1n33	18s13	1n11	11s46	0s48	22n36	1n 0	23n39	2n19	13n34	13n15	26s40		n.a.

Julian Day Number = 984834.5, Delta T = 13h09m29s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'32, Lahiri = -31°45'32 Julian Calendar 1 May 2017 BCE == Greg. Calendar 14 Apr. 2017 BCE

The year -2016 astronomical counting style corresponds to year 2017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

JUNE 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 30 46	22♉ 3'32	17♎32	2♉38	14♉52	26♓ 4	18♌31	24°R44	1♓53	24♋46	4♊ 2	5♉22	4♉23	24♂25	n.a.	T 1
W 2	15 34 43	23° 0'38	0♏37	4° 4	16° 6	26°45	18°36	24♏39	1°54	24°47	4° 3	5°R23	4°19	24°32	n.a.	W 2
T 3	15 38 39	23°57'46	13°30	5°35	17°19	27°25	18°42	24°35	1°55	24°48	4° 5	5°23	4°16	24°39	n.a.	T 3
F 4	15 42 36	24°54'54	26° 9	7° 9	18°33	28° 6	18°47	24°30	1°56	24°50	4° 7	5°22	4°13	24°45	n.a.	F 4
S 5	15 46 32	25°52'03	8♐37	8°48	19°47	28°46	18°53	24°26	1°57	24°51	4° 8	5°20	4°10	24°52	n.a.	S 5
S 6	15 50 29	26°49'13	20°53	10°30	21° 1	29°27	18°59	24°22	1°58	24°52	4°10	5°17	4° 7	24°59	n.a.	S 6
M 7	15 54 26	27°46'24	3♑ 0	12°16	22°14	0♈ 7	19° 5	24°17	1°59	24°54	4°12	5°13	4° 4	25° 5	n.a.	M 7
T 8	15 58 22	28°43'36	14°59	14° 4	23°28	0°47	19°11	24°13	2° 0	24°55	4°13	5°10	4° 0	25°12	n.a.	T 8
W 9	16 2 19	29°40'49	26°53	15°56	24°42	1°27	19°18	24° 8	2° 1	24°56	4°15	5° 6	3°57	25°19	n.a.	W 9
T 10	16 6 15	0♊38'02	8♒45	17°51	25°56	2° 7	19°24	24° 4	2° 2	24°58	4°17	5° 3	3°54	25°26	n.a.	T 10
F 11	16 10 12	1°35'17	20°40	19°48	27°10	2°47	19°31	24° 0	2° 2	24°59	4°18	5° 2	3°51	25°32	n.a.	F 11
S 12	16 14 8	2°32'34	2♓42	21°47	28°24	3°27	19°38	23°55	2° 3	25° 1	4°20	5°D 1	3°48	25°39	n.a.	S 12
S 13	16 18 5	3°29'51	14°55	23°48	29°38	4° 7	19°45	23°51	2° 3	25° 2	4°22	5° 2	3°45	25°46	n.a.	S 13
M14	16 22 1	4°27'10	27°23	25°51	0♊52	4°47	19°52	23°47	2° 4	25° 4	4°23	5° 3	3°41	25°52	n.a.	M14
T 15	16 25 58	5°24'30	10♈12	27°55	2° 6	5°26	19°59	23°42	2° 5	25° 5	4°25	5° 5	3°38	25°59	n.a.	T 15
W16	16 29 55	6°21'51	23°25	29°59	3°20	6° 6	20° 6	23°38	2° 5	25° 7	4°27	5° 6	3°35	26° 6	n.a.	W16
T 17	16 33 51	7°19'14	7♉ 3	2♊ 4	4°34	6°45	20°13	23°34	2° 5	25° 9	4°28	5°R 6	3°32	26°13	n.a.	T 17
F 18	16 37 48	8°16'38	21° 5	4°10	5°48	7°25	20°21	23°29	2° 6	25°10	4°30	5° 5	3°29	26°19	n.a.	F 18
S 19	16 41 44	9°14'03	5♊31	6°15	7° 2	8° 4	20°29	23°25	2° 6	25°12	4°31	5° 3	3°25	26°26	n.a.	S 19
S 20	16 45 41	10°11'30	20°13	8°20	8°16	8°43	20°37	23°21	2° 6	25°14	4°33	4°59	3°22	26°33	n.a.	S 20
M21	16 49 37	11° 8'58	5♋ 6	10°24	9°30	9°22	20°44	23°17	2° 6	25°15	4°35	4°54	3°19	26°40	n.a.	M21
T 22	16 53 34	12° 6'27	20° 0	12°28	10°44	10° 1	20°53	23°13	2° 7	25°17	4°36	4°49	3°16	26°46	n.a.	T 22
W23	16 57 31	13° 3'57	4♌48	14°31	11°58	10°39	21° 1	23° 9	2° 7	25°19	4°38	4°44	3°13	26°53	n.a.	W23
T 24	17 1 27	14° 1'28	19°22	16°33	13°13	11°18	21° 9	23° 5	2°R 7	25°21	4°40	4°40	3°10	27° 0	n.a.	T 24
F 25	17 5 24	14°59'00	3♍38	18°34	14°27	11°57	21°17	23° 1	2° 7	25°22	4°41	4°38	3° 6	27° 6	n.a.	F 25
S 26	17 9 20	15°56'34	17°34	20°33	15°41	12°35	21°26	22°57	2° 7	25°24	4°43	4°D37	3° 3	27°13	n.a.	S 26
S 27	17 13 17	16°54'08	1♎10	22°31	16°55	13°13	21°35	22°53	2° 7	25°26	4°45	4°38	3° 0	27°20	n.a.	S 27
M28	17 17 13	17°51'43	14°27	24°28	18° 9	13°51	21°43	22°49	2° 6	25°28	4°46	4°39	2°57	27°27	n.a.	M28
T 29	17 21 10	18°49'20	27°27	26°24	19°24	14°30	21°52	22°46	2° 6	25°30	4°48	4°41	2°54	27°33	n.a.	T 29
W30	17 25 6	19♊46'58	10♏13	28♊18	20♊38	15♈ 8	22♌ 1	22♏42	2♓ 6	25♋32	4♊50	4°R41	2♉51	27♂40	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n39	5s32	1n37	10n54	1s51	16n28	0s10	2s49	1s20	17n 3	1n32	18s12	1n11	11s45	0s48	22n36	1n 0	23n40	2n19	13n35	13n14	26s39		n.a.
W 2	18 54	11 31	0 26	11 35	1 39	16 53	0 7	2 32	1 20	17 1	1 32	18 11	1 11	11 45	0 48	22 35	1 0	23 40	2 19	13 35	13 13	26 38		n.a.
T 3	19 9	16 55	0s45	12 18	1 26	17 16	0 5	2 15	1 20	16 59	1 32	18 10	1 11	11 45	0 48	22 35	1 0	23 40	2 19	13 35	13 12	26 37		n.a.
F 4	19 23	21 30	1 52	13 2	1 13	17 40	0 2	1 59	1 19	16 57	1 32	18 9	1 10	11 44	0 48	22 35	1 0	23 41	2 19	13 35	13 11	26 36		n.a.
S 5	19 37	25 2	2 53	13 46	1 1	18 2	0 0	1 42	1 19	16 55	1 31	18 8	1 10	11 44	0 48	22 35	1 0	23 41	2 19	13 34	13 10	26 35		n.a.
S 6	19 51	27 20	3 45	14 31	0 48	18 25	0n 2	1 25	1 19	16 52	1 31	18 7	1 10	11 44	0 48	22 34	1 0	23 41	2 19	13 33	13 9	26 34		n.a.
M 7	20 4	28 19	4 25	15 16	0 36	18 47	0 5	1 9	1 19	16 50	1 31	18 6	1 10	11 44	0 48	22 34	1 0	23 42	2 19	13 32	13 8	26 33		n.a.
T 8	20 17	27 56	4 54	16 1	0 23	19 8	0 7	0 52	1 18	16 48	1 31	18 5	1 10	11 43	0 48	22 34	1 0	23 42	2 20	13 30	13 7	26 31		n.a.
W 9	20 30	26 16	5 10	16 46	0 11	19 29	0 9	0 36	1 18	16 46	1 30	18 4	1 10	11 43	0 48	22 34	1 0	23 43	2 20	13 29	13 6	26 30		n.a.
T 10	20 42	23 27	5 13	17 30	0n 0	19 49	0 12	0 19	1 18	16 43	1 30	18 3	1 10	11 43	0 48	22 33	1 0	23 43	2 20	13 28	13 4	26 29		n.a.
F 11	20 54	19 39	5 2	18 14	0 12	20 9	0 14	0 3	1 17	16 41	1 30	18 2	1 10	11 43	0 48	22 33	1 0	23 43	2 20	13 28	13 3	26 28		n.a.
S 12	21 6	15 1	4 38	18 57	0 23	20 29	0 16	0n14	1 17	16 39	1 30	18 1	1 10	11 42	0 48	22 33	1 0	23 44	2 20	13 28	13 2	26 27		n.a.
S 13	21 17	9 45	4 1	19 39	0 33	20 47	0 19	0 30	1 17	16 36	1 29	18 0	1 10	11 42	0 48	22 32	1 0	23 44	2 20	13 28	13 1	26 25		n.a.
M14	21 28	3 59	3 12	20 19	0 43	21 5	0 21	0 46	1 16	16 34	1 29	17 59	1 10	11 42	0 48	22 32	1 0	23 45	2 20	13 28	13 0	26 24		n.a.
T 15	21 38	2n 6	2 12	20 57	0 52	21 23	0 23	1 3	1 16	16 31	1 29	17 58	1 9	11 42	0 48	22 32	1 0	23 45	2 20	13 29	12 59	26 23		n.a.
W16	21 49	8 18	1 3	21 33	1 1	21 40	0 26	1 19	1 16	16 29	1 29	17 57	1 9	11 42	0 48	22 32	1 0	23 45	2 20	13 29	12 58	26 22		n.a.
T 17	21 59	14 19	0n11	22 7	1 9	21 57	0 28	1 35	1 15	16 26	1 28	17 56	1 9	11 42	0 48	22 31	1 0	23 46	2 20	13 29	12 57	26 21		n.a.
F 18	22 8	19 47	1 26	22 39	1 16	22 12	0 30	1 51	1 15	16 23	1 28	17 55	1 9	11 42	0 48	22 31	1 0	23 46	2 20	13 29	12 56	26 19		n.a.
S 19	22 17	24 15	2 38	23 9	1 23	22 27	0 32	2 7	1 15	16 21	1 28	17 54	1 9	11 42	0 48	22 31	1 0	23 46	2 20	13 28	12 55	26 18		n.a.
S 20	22 26	27 14	3 41	23 36	1 29	22 42	0 34	2 23	1 14	16 18	1 28	17 53	1 9	11 41	0 48	22 30	1 0	23 47	2 20	13 27	12 53	26 17		n.a.
M21	22 34	28 19	4 29	24 0	1 34	22 56	0 37	2 39	1 14	16 15	1 27	17 52	1 9	11 41	0 49	22 30	1 0	23 47	2 20	13 25	12 52	26 16		n.a.
T 22	22 42	27 20	5 0	24 22	1 38	23 9	0 39	2 55	1 13	16 12	1 27	17 51	1 9	11 41	0 49	22 30	1 0	23 48	2 20	13 23	12 51	26 14		n.a.
W23	22 50	24 28	5 10	24 41	1 42	23 22	0 41	3 11	1 13	16 9	1 27	17 50	1 8	11 41	0 49	22 29	1 0	23 48	2 21	13 22	12 50	26 13		n.a.
T 24	22 57	20 3	5 0	24 58	1 45	23 33	0 43	3 27	1 13	16 6	1 27	17 49	1 8	11 41	0 49	22 29	1 0	23 48	2 21	13 20	12 49	26 12		n.a.
F 25	23 4	14 35	4 31	25 12	1 47	23 45	0 45	3 43	1 12	16 3	1 27	17 48	1 8	11 41	0 49	22 29	1 0	23 49	2 21	13 20	12 48	26 11		n.a.
S 26	23 10	8 29	3 47	25 23	1 48	23 55	0 47	3 58	1 12	16 0	1 26	17 47	1 8	11 42	0 49	22 28	1 0	23 49	2 21	13 19	12 47	26 9		n.a.
S 27	23 16	2 8	2 51	25 32	1 49	24 5	0 49	4 14	1 11	15 57	1 26	17 47	1 8	11 42	0 49	22 28	1 0	23 50	2 21	13 20	12 46	26 8		n.a.
M28	23 22	4s10	1 47	25 38	1 50	24 14	0 51	4 29	1 11	15 54	1 26	17 46	1 8	11 42	0 49	22 28	1 0	23 50	2 21	13 20	12 45	26 7		n.a.
T 29	23 27	10 10	0 39	25 42	1 49	24 22	0 53	4 45	1 10	15 51	1 26	17 45	1 8	11 42	0 49	22 27	1 0	23 50	2 21	13 20	12 44	26 5		n.a.
W30	23n31	15s39	0s30	25n44	1n49	24n30	0n54	5n 0	1s10	15n48	1n25	17s44	1n 8	11s42	0s49	22n27	1n 0	23n51	2n21	13n20	12n42	26s 4		n.a.

Julian Day Number = 984865.5, Delta T = 13h09m27s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'28, Lahiri = -31°45'28 Julian Calendar 1 June 2017 BCE == Greg. Calendar 15 May 2017 BCE

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

JULY 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 29 3	20♊44'37	22♏46	0♋11	21♊52	15♈45	22♌10	22°R38	2°R 6	25♋33	4♊51	4°R39	2♉47	27♂47	n.a.	T 1
F 2	17 33 0	21°42'18	5♐ 9	2° 2	23° 7	16°23	22°19	22♏35	2♓ 5	25°35	4°53	4♉35	2°44	27°54	n.a.	F 2
S 3	17 36 56	22°40'00	17°24	3°52	24°21	17° 1	22°29	22°31	2° 5	25°37	4°54	4°29	2°41	28° 0	n.a.	S 3
S 4	17 40 53	23°37'44	29°30	5°41	25°35	17°38	22°38	22°28	2° 4	25°39	4°56	4°21	2°38	28° 7	n.a.	S 4
M 5	17 44 49	24°35'29	11♑31	7°28	26°50	18°16	22°48	22°24	2° 4	25°41	4°58	4°12	2°35	28°14	n.a.	M 5
T 6	17 48 46	25°33'16	23°26	9°13	28° 4	18°53	22°57	22°21	2° 3	25°43	4°59	4° 3	2°31	28°20	n.a.	T 6
W 7	17 52 42	26°31'05	5♒18	10°58	29°18	19°30	23° 7	22°18	2° 3	25°45	5° 1	3°53	2°28	28°27	n.a.	W 7
T 8	17 56 39	27°28'56	17°10	12°41	0♋33	20° 7	23°17	22°15	2° 2	25°47	5° 2	3°45	2°25	28°34	n.a.	T 8
F 9	18 0 35	28°26'49	29° 4	14°22	1°47	20°44	23°27	22°11	2° 2	25°49	5° 4	3°39	2°22	28°41	n.a.	F 9
S 10	18 4 32	29°24'43	11♓ 4	16° 3	3° 2	21°21	23°37	22° 8	2° 1	25°51	5° 5	3°35	2°19	28°47	n.a.	S 10
S 11	18 8 29	0♋22'40	23°14	17°41	4°16	21°58	23°47	22° 5	2° 0	25°53	5° 7	3°33	2°16	28°54	n.a.	S 11
M12	18 12 25	1°20'39	5♈39	19°19	5°31	22°34	23°57	22° 2	1°59	25°55	5° 9	3°D33	2°12	29° 1	n.a.	M12
T 13	18 16 22	2°18'39	18°24	20°55	6°45	23°11	24° 7	22° 0	1°58	25°57	5°10	3°34	2° 9	29° 8	n.a.	T 13
W14	18 20 18	3°16'42	1♉33	22°30	8° 0	23°47	24°17	21°57	1°57	25°59	5°12	3°R34	2° 6	29°14	n.a.	W14
T 15	18 24 15	4°14'47	15° 9	24° 4	9°14	24°23	24°28	21°54	1°56	26° 2	5°13	3°34	2° 3	29°21	n.a.	T 15
F 16	18 28 11	5°12'54	29°14	25°36	10°29	24°59	24°38	21°51	1°55	26° 4	5°15	3°31	2° 0	29°28	n.a.	F 16
S 17	18 32 8	6°11'04	13♊46	27° 7	11°44	25°35	24°49	21°49	1°54	26° 6	5°16	3°26	1°57	29°34	n.a.	S 17
S 18	18 36 4	7° 9'15	28°42	28°37	12°58	26°11	25° 0	21°46	1°53	26° 8	5°17	3°19	1°53	29°41	n.a.	S 18
M19	18 40 1	8° 7'29	13♋52	0♌ 5	14°13	26°46	25°10	21°44	1°52	26°10	5°19	3°10	1°50	29°48	n.a.	M19
T 20	18 43 58	9° 5'44	29° 6	1°32	15°27	27°22	25°21	21°42	1°51	26°12	5°20	3° 0	1°47	29°55	n.a.	T 20
W21	18 47 54	10° 4'01	14♌14	2°58	16°42	27°57	25°32	21°40	1°50	26°14	5°22	2°51	1°44	0♒ 1	n.a.	W21
T 22	18 51 51	11° 2'20	29° 6	4°22	17°57	28°32	25°43	21°37	1°49	26°17	5°23	2°43	1°41	0° 8	n.a.	T 22
F 23	18 55 47	12° 0'40	13♍35	5°45	19°11	29° 7	25°54	21°35	1°47	26°19	5°25	2°38	1°37	0°15	n.a.	F 23
S 24	18 59 44	12°59'02	27°38	7° 7	20°26	29°42	26° 6	21°33	1°46	26°21	5°26	2°35	1°34	0°22	n.a.	S 24
S 25	19 3 40	13°57'26	11♎14	8°27	21°41	0♉16	26°17	21°32	1°44	26°23	5°27	2°D34	1°31	0°28	n.a.	S 25
M26	19 7 37	14°55'52	24°26	9°45	22°55	0°51	26°28	21°30	1°43	26°25	5°29	2°34	1°28	0°35	n.a.	M26
T 27	19 11 33	15°54'19	7♏17	11° 2	24°10	1°25	26°39	21°28	1°42	26°27	5°30	2°R34	1°25	0°42	n.a.	T 27
W28	19 15 30	16°52'49	19°51	12°17	25°25	1°59	26°51	21°27	1°40	26°30	5°31	2°33	1°22	0°48	n.a.	W28
T 29	19 19 27	17°51'20	2♐12	13°31	26°40	2°33	27° 2	21°25	1°39	26°32	5°33	2°30	1°18	0°55	n.a.	T 29
F 30	19 23 23	18°49'53	14°23	14°43	27°54	3° 7	27°14	21°24	1°37	26°34	5°34	2°24	1°15	1° 2	n.a.	F 30
S 31	19 27 20	19♋48'28	26♐26	15♌52	29♋ 9	3♉41	27♌26	21♏22	1♓35	26♋36	5♊35	2♉15	1♉12	1♒ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n36	20s23	1s36	25n43	1n47	24n36	0n56	5n15	1s10	15n45	1n25	17s43	1n 7	11s42	0s49	22n26	1n 0	23n51	2n21	13n20	12n41	26s 3			n.a.
F 2	23 40	24 10	2 37	25 40	1 46	24 43	0 58	5 31	1 9	15 41	1 25	17 43	1 7	11 42	0 49	22 26	1 0	23 51	2 21	13 19	12 40	26 1			n.a.
S 3	23 43	26 47	3 29	25 35	1 43	24 48	1 0	5 46	1 9	15 38	1 25	17 42	1 7	11 42	0 49	22 26	1 0	23 52	2 21	13 17	12 39	26 0			n.a.
S 4	23 46	28 7	4 11	25 28	1 40	24 52	1 1	6 1	1 8	15 35	1 25	17 41	1 7	11 43	0 49	22 25	1 0	23 52	2 21	13 14	12 38	25 59			n.a.
M 5	23 49	28 6	4 42	25 20	1 37	24 56	1 3	6 16	1 8	15 31	1 24	17 40	1 7	11 43	0 49	22 25	1 0	23 53	2 22	13 11	12 37	25 57			n.a.
T 6	23 51	26 46	5 0	25 9	1 33	24 59	1 4	6 31	1 7	15 28	1 24	17 40	1 7	11 43	0 49	22 25	1 0	23 53	2 22	13 7	12 36	25 56			n.a.
W 7	23 53	24 15	5 5	24 57	1 29	25 2	1 6	6 45	1 7	15 25	1 24	17 39	1 6	11 43	0 49	22 24	1 0	23 53	2 22	13 4	12 35	25 55			n.a.
T 8	23 54	20 43	4 57	24 43	1 25	25 3	1 7	7 0	1 6	15 21	1 24	17 38	1 6	11 44	0 49	22 24	1 0	23 54	2 22	13 1	12 34	25 53			n.a.
F 9	23 55	16 20	4 36	24 28	1 20	25 4	1 9	7 15	1 6	15 18	1 24	17 37	1 6	11 44	0 49	22 23	1 0	23 54	2 22	12 59	12 32	25 52			n.a.
S 10	23 56	11 18	4 3	24 11	1 15	25 4	1 10	7 29	1 5	15 14	1 24	17 37	1 6	11 44	0 49	22 23	1 0	23 55	2 22	12 58	12 31	25 50			n.a.
S 11	23 56	5 46	3 18	23 53	1 9	25 3	1 12	7 44	1 4	15 10	1 23	17 36	1 6	11 44	0 49	22 23	1 0	23 55	2 22	12 57	12 30	25 49			n.a.
M12	23 55	0n 6	2 23	23 33	1 4	25 1	1 13	7 58	1 4	15 7	1 23	17 36	1 6	11 45	0 49	22 22	1 0	23 55	2 22	12 57	12 29	25 48			n.a.
T 13	23 54	6 7	1 20	23 13	0 58	24 59	1 14	8 12	1 3	15 3	1 23	17 35	1 6	11 45	0 49	22 22	1 0	23 56	2 22	12 57	12 28	25 46			n.a.
W14	23 53	12 5	0 11	22 51	0 51	24 56	1 15	8 27	1 3	15 0	1 23	17 34	1 5	11 46	0 49	22 21	1 0	23 56	2 22	12 58	12 27	25 45			n.a.
T 15	23 51	17 41	1n 1	22 28	0 45	24 52	1 16	8 41	1 2	14 56	1 23	17 34	1 5	11 46	0 49	22 21	1 0	23 56	2 22	12 57	12 26	25 43			n.a.
F 16	23 49	22 33	2 12	22 4	0 38	24 47	1 17	8 55	1 2	14 52	1 22	17 33	1 5	11 46	0 49	22 21	1 0	23 57	2 23	12 57	12 25	25 42			n.a.
S 17	23 47	26 10	3 17	21 40	0 31	24 42	1 18	9 9	1 1	14 48	1 22	17 33	1 5	11 47	0 49	22 20	1 0	23 57	2 23	12 55	12 23	25 40			n.a.
S 18	23 44	28 5	4 10	21 14	0 23	24 36	1 19	9 22	1 0	14 44	1 22	17 32	1 5	11 47	0 50	22 20	1 0	23 58	2 23	12 52	12 22	25 39			n.a.
M19	23 40	27 55	4 46	20 48	0 16	24 29	1 20	9 36	1 0	14 41	1 22	17 32	1 5	11 48	0 50	22 19	1 0	23 58	2 23	12 49	12 21	25 37			n.a.
T 20	23 36	25 40	5 2	20 21	0 8	24 21	1 21	9 50	0 59	14 37	1 22	17 31	1 4	11 48	0 50	22 19	1 0	23 58	2 23	12 46	12 20	25 36			n.a.
W21	23 32	21 37	4 57	19 54	0 0	24 13	1 22	10 3	0 58	14 33	1 22	17 31	1 4	11 49	0 50	22 19	1 0	23 59	2 23	12 43	12 19	25 35			n.a.
T 22	23 27	16 15	4 31	19 26	0s 8	24 3	1 22	10 16	0 58	14 29	1 22	17 31	1 4	11 49	0 50	22 18	1 0	23 59	2 23	12 40	12 18	25 33			n.a.
F 23	23 22	10 6	3 49	18 57	0 16	23 53	1 23	10 30	0 57	14 25	1 21	17 30	1 4	11 50	0 50	22 18	1 0	23 59	2 23	12 38	12 17	25 32			n.a.
S 24	23 17	3 37	2 54	18 29	0 24	23 43	1 23	10 43	0 57	14 21	1 21	17 30	1 4	11 50	0 50	22 17	1 0	24 0	2 23	12 37	12 16	25 30			n.a.
S 25	23 11	2s50	1 51	18 0	0 33	23 31	1 24	10 56	0 56	14 17	1 21	17 30	1 4	11 51	0 50	22 17	1 0	24 0	2 23	12 37	12 14	25 29			n.a.
M26	23 4	9 0	0 43	17 30	0 41	23 19	1 24	11 9	0 55	14 13	1 21	17 29	1 3	11 51	0 50	22 16	1 0	24 0	2 24	12 37	12 13	25 27			n.a.
T 27	22 57	14 37	0s25	17 1	0 50	23 6	1 25	11 21	0 54	14 9	1 21	17 29	1 3	11 52	0 50	22 16	1 0	24 1	2 24	12 37	12 12	25 25			n.a.
W28	22 50	19 30	1 30	16 31	0 59	22 53	1 25	11 34	0 54	14 4	1 21	17 29	1 3	11 52	0 50	22 16	1 0	24 1	2 24	12 36	12 11	25 24			n.a.
T 29	22 42	23 28	2 30	16 2	1 8	22 39	1 25	11 47	0 53	14 0	1 21	17 29	1 3	11 53	0 50	22 15	1 0	24 1	2 24	12 35	12 10	25 22			n.a.
F 30	22 34	26 20	3 22	15 32	1 17	22 24	1 25	11 59	0 52	13 56	1 20	17 28	1 3	11 53	0 50	22 15	1 0	24 2	2 24	12 33	12 9	25 21			n.a.
S 31	22n26	27s57	4s 4	15n 3	1s25	22n 8	1n26	12n12	0s52	13n52	1n20	17s28	1n 3	11s54	0s50	22n14	1n 0	24n 2	2n24	12n30	12n 8	25s19			n.a.

Julian Day Number = 984895.5, Delta T = 13h09m25s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'24, Lahiri = -31°45'24 Julian Calendar 1 July 2017 BCE == Greg. Calendar 14 June 2017 BCE

The year -2016 astronomical counting style corresponds to year 2017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

AUGUST 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 31 16	20♋47'05	8♉25	17♌ 0	0♌24	4♉15	27♌37	21°R21	1°R34	26♋39	5♊37	2°R 3	1♉ 9	1♒15	n.a.	S 1
M 2	19 35 13	21°45'45	20°20	18° 6	1°39	4°48	27°49	21♏20	1♓32	26°41	5°38	1♉50	1° 6	1°22	n.a.	M 2
T 3	19 39 9	22°44'26	2♒13	19°10	2°53	5°21	28° 1	21°19	1°30	26°43	5°39	1°36	1° 3	1°29	n.a.	T 3
W 4	19 43 6	23°43'09	14° 5	20°11	4° 8	5°54	28°13	21°18	1°28	26°45	5°40	1°22	0°59	1°36	n.a.	W 4
T 5	19 47 2	24°41'55	25°58	21°10	5°23	6°27	28°25	21°17	1°27	26°47	5°41	1°10	0°56	1°42	n.a.	T 5
F 6	19 50 59	25°40'43	7♓54	22° 5	6°38	7° 0	28°37	21°17	1°25	26°50	5°43	1° 0	0°53	1°49	n.a.	F 6
S 7	19 54 55	26°39'33	19°56	22°58	7°53	7°32	28°49	21°16	1°23	26°52	5°44	0°53	0°50	1°56	n.a.	S 7
S 8	19 58 52	27°38'26	2♈ 7	23°48	9° 7	8° 4	29° 1	21°15	1°21	26°54	5°45	0°48	0°47	2° 2	n.a.	S 8
M 9	20 2 49	28°37'21	14°30	24°35	10°22	8°36	29°13	21°15	1°19	26°56	5°46	0°47	0°43	2° 9	n.a.	M 9
T 10	20 6 45	29°36'19	27°11	25°18	11°37	9° 8	29°25	21°15	1°17	26°59	5°47	0°46	0°40	2°16	n.a.	T 10
W11	20 10 42	0♌35'19	10♉13	25°56	12°52	9°40	29°38	21°14	1°15	27° 1	5°48	0°46	0°37	2°23	n.a.	W11
T 12	20 14 38	1°34'21	23°42	26°31	14° 7	10°11	29°50	21°14	1°13	27° 3	5°49	0°45	0°34	2°29	n.a.	T 12
F 13	20 18 35	2°33'27	7♊39	27° 1	15°21	10°43	0♍ 2	21°D14	1°11	27° 5	5°50	0°42	0°31	2°36	n.a.	F 13
S 14	20 22 31	3°32'35	22° 5	27°26	16°36	11°14	0°15	21°14	1° 9	27° 8	5°51	0°36	0°28	2°43	n.a.	S 14
S 15	20 26 28	4°31'45	6♋57	27°45	17°51	11°44	0°27	21°14	1° 7	27°10	5°52	0°28	0°24	2°49	n.a.	S 15
M16	20 30 24	5°30'57	22° 8	27°59	19° 6	12°15	0°40	21°15	1° 5	27°12	5°53	0°18	0°21	2°56	n.a.	M16
T 17	20 34 21	6°30'12	7♌28	28° 6	20°21	12°45	0°52	21°15	1° 3	27°14	5°54	0° 7	0°18	3° 3	n.a.	T 17
W18	20 38 17	7°29'29	22°46	28°R 6	21°36	13°16	1° 5	21°16	1° 0	27°16	5°55	29♈56	0°15	3°10	n.a.	W18
T 19	20 42 14	8°28'49	7♍50	28° 0	22°51	13°45	1°18	21°16	0°58	27°19	5°56	29°46	0°12	3°16	n.a.	T 19
F 20	20 46 11	9°28'10	22°32	27°46	24° 6	14°15	1°30	21°17	0°56	27°21	5°57	29°40	0° 9	3°23	n.a.	F 20
S 21	20 50 7	10°27'33	6♎45	27°24	25°20	14°44	1°43	21°18	0°54	27°23	5°58	29°36	0° 5	3°30	n.a.	S 21
S 22	20 54 4	11°26'58	20°30	26°54	26°35	15°14	1°56	21°18	0°51	27°25	5°59	29°34	0° 2	3°37	n.a.	S 22
M23	20 58 0	12°26'25	3♏46	26°16	27°50	15°43	2° 9	21°19	0°49	27°27	5°59	29°D34	29♈59	3°43	n.a.	M23
T 24	21 1 57	13°25'54	16°37	25°30	29° 5	16°11	2°21	21°20	0°47	27°30	6° 0	29°R34	29°56	3°50	n.a.	T 24
W25	21 5 53	14°25'25	29° 9	24°37	0♍20	16°40	2°34	21°22	0°45	27°32	6° 1	29°33	29°53	3°57	n.a.	W25
T 26	21 9 50	15°24'58	11♐24	23°38	1°35	17° 8	2°47	21°23	0°42	27°34	6° 2	29°30	29°49	4° 3	n.a.	T 26
F 27	21 13 46	16°24'33	23°29	22°32	2°49	17°36	3° 0	21°24	0°40	27°36	6° 2	29°25	29°46	4°10	n.a.	F 27
S 28	21 17 43	17°24'10	5♑27	21°23	4° 4	18° 3	3°13	21°26	0°37	27°38	6° 3	29°17	29°43	4°17	n.a.	S 28
S 29	21 21 39	18°23'49	17°20	20°10	5°19	18°30	3°26	21°27	0°35	27°40	6° 4	29° 6	29°40	4°24	n.a.	S 29
M30	21 25 36	19°23'30	29°13	18°57	6°34	18°58	3°39	21°29	0°33	27°42	6° 4	28°53	29°37	4°30	n.a.	M30
T 31	21 29 33	20♌23'13	11♒ 6	17♌46	7♍49	19♉24	3♍52	21♏31	0♓30	27♋45	6♊ 5	28♈40	29♈34	4♒37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	22n17	28s14	4s35	14n34	1s34	21n52	1n26	12n24	0s51	13n48	1n20	17s28	1n 2	11s55	0s50	22n14	1n 0	24n 2	2n24	12n26	12n 7	25s18			n.a.
M 2	22 8	27 11	4 54	14 5	1 43	21 35	1 26	12 36	0 50	13 43	1 20	17 28	1 2	11 55	0 50	22 13	1 0	24 3	2 24	12 21	12 5	25 16			n.a.
T 3	21 58	24 55	4 59	13 36	1 52	21 18	1 25	12 48	0 49	13 39	1 20	17 28	1 2	11 56	0 50	22 13	1 0	24 3	2 24	12 16	12 4	25 15			n.a.
W 4	21 48	21 35	4 52	13 9	2 1	21 0	1 25	13 0	0 49	13 35	1 20	17 28	1 2	11 57	0 50	22 13	1 0	24 4	2 25	12 11	12 3	25 13			n.a.
T 5	21 37	17 22	4 32	12 42	2 10	20 41	1 25	13 12	0 48	13 30	1 20	17 28	1 2	11 57	0 50	22 12	1 0	24 4	2 25	12 7	12 2	25 11			n.a.
F 6	21 26	12 29	4 0	12 15	2 18	20 22	1 25	13 23	0 47	13 26	1 20	17 28	1 1	11 58	0 50	22 12	1 0	24 4	2 25	12 3	12 1	25 10			n.a.
S 7	21 15	7 5	3 18	11 50	2 27	20 2	1 24	13 35	0 46	13 22	1 19	17 28	1 1	11 59	0 50	22 11	1 0	24 4	2 25	12 1	12 0	25 8			n.a.
S 8	21 3	1 21	2 25	11 25	2 35	19 41	1 24	13 46	0 45	13 17	1 19	17 28	1 1	12 0	0 50	22 11	1 0	24 5	2 25	11 59	11 59	25 7			n.a.
M 9	20 51	4n32	1 25	11 2	2 43	19 20	1 24	13 57	0 45	13 13	1 19	17 28	1 1	12 0	0 50	22 10	1 0	24 5	2 25	11 59	11 58	25 5			n.a.
T 10	20 39	10 23	0 19	10 40	2 51	18 59	1 23	14 9	0 44	13 8	1 19	17 28	1 1	12 1	0 50	22 10	1 0	24 5	2 25	11 59	11 56	25 3			n.a.
W11	20 26	15 58	0n50	10 20	2 59	18 37	1 22	14 20	0 43	13 4	1 19	17 28	1 1	12 2	0 50	22 10	1 0	24 6	2 25	11 59	11 55	25 2			n.a.
T 12	20 13	20 59	1 58	10 1	3 6	18 14	1 22	14 31	0 42	12 59	1 19	17 28	1 0	12 2	0 50	22 9	1 0	24 6	2 26	11 58	11 54	25 0			n.a.
F 13	19 59	25 1	3 1	9 44	3 13	17 51	1 21	14 41	0 41	12 55	1 19	17 28	1 0	12 3	0 50	22 9	1 0	24 6	2 26	11 57	11 53	24 59			n.a.
S 14	19 45	27 36	3 56	9 30	3 19	17 27	1 20	14 52	0 40	12 50	1 19	17 28	1 0	12 4	0 50	22 8	1 0	24 7	2 26	11 55	11 52	24 57			n.a.
S 15	19 31	28 20	4 35	9 18	3 25	17 3	1 19	15 3	0 39	12 45	1 19	17 29	1 0	12 5	0 50	22 8	1 0	24 7	2 26	11 52	11 51	24 55			n.a.
M16	19 17	26 57	4 57	9 9	3 30	16 38	1 18	15 13	0 38	12 41	1 18	17 29	1 0	12 6	0 50	22 7	1 0	24 7	2 26	11 48	11 50	24 54			n.a.
T 17	19 2	23 34	4 58	9 2	3 34	16 13	1 17	15 23	0 38	12 36	1 18	17 29	0 59	12 6	0 50	22 7	1 0	24 8	2 26	11 44	11 48	24 52			n.a.
W18	18 46	18 33	4 37	8 59	3 37	15 48	1 16	15 33	0 37	12 32	1 18	17 29	0 59	12 7	0 50	22 7	1 0	24 8	2 26	11 40	11 47	24 50			n.a.
T 19	18 31	12 27	3 57	8 59	3 40	15 22	1 15	15 44	0 36	12 27	1 18	17 30	0 59	12 8	0 50	22 6	1 0	24 8	2 26	11 37	11 46	24 49			n.a.
F 20	18 15	5 48	3 2	9 3	3 41	14 55	1 14	15 53	0 35	12 22	1 18	17 30	0 59	12 9	0 50	22 6	1 0	24 8	2 26	11 35	11 45	24 47			n.a.
S 21	17 58	0s57	1 57	9 11	3 40	14 28	1 13	16 3	0 34	12 17	1 18	17 30	0 59	12 10	0 50	22 5	1 0	24 9	2 27	11 33	11 44	24 45			n.a.
S 22	17 42	7 26	0 48	9 23	3 38	14 1	1 11	16 13	0 33	12 13	1 18	17 31	0 59	12 10	0 50	22 5	1 0	24 9	2 27	11 33	11 43	24 43			n.a.
M23	17 25	13 22	0s22	9 40	3 35	13 34	1 10	16 22	0 32	12 8	1 18	17 31	0 58	12 11	0 50	22 5	1 0	24 9	2 27	11 33	11 42	24 42			n.a.
T 24	17 8	18 34	1 29	10 0	3 29	13 6	1 9	16 32	0 31	12 3	1 18	17 32	0 58	12 12	0 50	22 4	1 0	24 10	2 27	11 33	11 41	24 40			n.a.
W25	16 50	22 48	2 30	10 25	3 22	12 38	1 7	16 41	0 30	11 58	1 18	17 32	0 58	12 13	0 50	22 4	1 0	24 10	2 27	11 32	11 39	24 38			n.a.
T 26	16 32	25 57	3 22	10 54	3 12	12 9	1 6	16 50	0 29	11 54	1 18	17 33	0 58	12 14	0 50	22 3	1 0	24 10	2 27	11 31	11 38	24 37			n.a.
F 27	16 14	27 50	4 5	11 26	3 1	11 40	1 4	16 59	0 28	11 49	1 18	17 33	0 58	12 15	0 50	22 3	1 0	24 10	2 27	11 29	11 37	24 35			n.a.
S 28	15 56	28 24	4 36	12 2	2 48	11 11	1 2	17 8	0 26	11 44	1 18	17 34	0 58	12 16	0 50	22 2	1 0	24 11	2 28	11 26	11 36	24 33			n.a.
S 29	15 37	27 39	4 55	12 39	2 32	10 41	1 1	17 17	0 25	11 39	1 18	17 34	0 57	12 16	0 50	22 2	1 0	24 11	2 28	11 23	11 35	24 31			n.a.
M30	15 18	25 38	5 1	13 18	2 15	10 11	0 59	17 25	0 24	11 34	1 17	17 35	0 57	12 17	0 50	22 2	1 0	24 11	2 28	11 18	11 34	24 30			n.a.
T 31	14n59	22s30	4s54	13n58	1s57	9n41	0n57	17n34	0s23	11n29	1n17	17s36	0n57	12s18	0s50	22n 1	1n 0	24n11	2n28	11n13	11n33	24s28			n.a.

Julian Day Number = 984926.5, Delta T = 13h09m23s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'20, Lahiri = -31°45'19 Julian Calendar 1 Aug. 2017 BCE == Greg. Calendar 15 July 2017 BCE

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

SEPTEMBER 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 33 29	21♌22'58	23♒ 1	16°R38	9♍ 4	19♉51	4♍ 5	21♏32	0°R28	27♋47	6♊ 6	28°R27	29♈30	4♒44	n.a.	W 1
T 2	21 37 26	22°22'45	4♓59	15♌35	10°18	20°17	4°18	21°34	0♓25	27°49	6° 6	28♈16	29°27	4°51	n.a.	T 2
F 3	21 41 22	23°22'35	17° 2	14°40	11°33	20°43	4°31	21°36	0°23	27°51	6° 7	28° 6	29°24	4°57	n.a.	F 3
S 4	21 45 19	24°22'27	29°11	13°53	12°48	21° 8	4°44	21°38	0°21	27°53	6° 7	28° 0	29°21	5° 4	n.a.	S 4
S 5	21 49 15	25°22'21	11♈29	13°17	14° 3	21°33	4°58	21°41	0°18	27°55	6° 8	27°56	29°18	5°11	n.a.	S 5
M 6	21 53 12	26°22'17	23°58	12°52	15°18	21°58	5°11	21°43	0°16	27°57	6° 8	27°D55	29°15	5°17	n.a.	M 6
T 7	21 57 8	27°22'16	6♉42	12°37	16°32	22°23	5°24	21°45	0°13	27°59	6° 9	27°55	29°11	5°24	n.a.	T 7
W 8	22 1 5	28°22'17	19°43	12°D34	17°47	22°47	5°37	21°48	0°11	28° 1	6° 9	27°56	29° 8	5°31	n.a.	W 8
T 9	22 5 1	29°22'20	3♊ 6	12°43	19° 2	23°11	5°50	21°51	0° 8	28° 3	6°10	27°R56	29° 5	5°38	n.a.	T 9
F 10	22 8 58	0♍22'26	16°52	13° 2	20°17	23°34	6° 3	21°53	0° 6	28° 5	6°10	27°54	29° 2	5°44	n.a.	F 10
S 11	22 12 55	1°22'35	1♋ 4	13°30	21°32	23°57	6°17	21°56	0° 3	28° 7	6°10	27°51	28°59	5°51	n.a.	S 11
S 12	22 16 51	2°22'45	15°41	14° 9	22°46	24°20	6°30	21°59	0° 1	28° 9	6°11	27°45	28°55	5°58	n.a.	S 12
M13	22 20 48	3°22'58	0♌36	14°55	24° 1	24°42	6°43	22° 2	29♒58	28°11	6°11	27°38	28°52	6° 5	n.a.	M13
T 14	22 24 44	4°23'13	15°44	15°49	25°16	25° 4	6°56	22° 5	29°56	28°13	6°11	27°29	28°49	6°11	n.a.	T 14
W15	22 28 41	5°23'30	0♍53	16°50	26°31	25°26	7°10	22° 8	29°54	28°14	6°11	27°21	28°46	6°18	n.a.	W15
T 16	22 32 37	6°23'49	15°55	17°57	27°45	25°47	7°23	22°11	29°51	28°16	6°12	27°14	28°43	6°25	n.a.	T 16
F 17	22 36 34	7°24'10	0♎39	19° 9	29° 0	26° 8	7°36	22°15	29°49	28°18	6°12	27° 9	28°40	6°31	n.a.	F 17
S 18	22 40 30	8°24'33	14°59	20°25	0♎15	26°28	7°49	22°18	29°46	28°20	6°12	27° 6	28°36	6°38	n.a.	S 18
S 19	22 44 27	9°24'57	28°50	21°46	1°29	26°48	8° 3	22°22	29°44	28°22	6°12	27°D 6	28°33	6°45	n.a.	S 19
M20	22 48 23	10°25'23	12♏14	23° 9	2°44	27° 7	8°16	22°25	29°41	28°23	6°12	27° 6	28°30	6°52	n.a.	M20
T 21	22 52 20	11°25'51	25°12	24°35	3°59	27°26	8°29	22°29	29°39	28°25	6°12	27° 8	28°27	6°58	n.a.	T 21
W22	22 56 17	12°26'20	7♐47	26° 3	5°14	27°45	8°43	22°33	29°37	28°27	6°12	27°R 9	28°24	7° 5	n.a.	W22
T 23	23 0 13	13°26'51	20° 5	27°33	6°28	28° 3	8°56	22°36	29°34	28°29	6°12	27° 9	28°20	7°12	n.a.	T 23
F 24	23 4 10	14°27'24	2♑ 9	29° 5	7°43	28°20	9° 9	22°40	29°32	28°30	6°R12	27° 7	28°17	7°18	n.a.	F 24
S 25	23 8 6	15°27'57	14° 5	0♍37	8°57	28°37	9°22	22°44	29°30	28°32	6°12	27° 3	28°14	7°25	n.a.	S 25
S 26	23 12 3	16°28'33	25°58	2°11	10°12	28°54	9°36	22°48	29°27	28°34	6°12	26°57	28°11	7°32	n.a.	S 26
M27	23 15 59	17°29'10	7♒50	3°45	11°27	29°10	9°49	22°53	29°25	28°35	6°12	26°50	28° 8	7°39	n.a.	M27
T 28	23 19 56	18°29'48	19°44	5°20	12°41	29°25	10° 2	22°57	29°23	28°37	6°12	26°43	28° 5	7°45	n.a.	T 28
W29	23 23 52	19°30'28	1♓44	6°56	13°56	29°40	10°15	23° 1	29°20	28°38	6°12	26°36	28° 1	7°52	n.a.	W29
T 30	23 27 49	20♍31'09	13♓50	8♍32	15♎10	29♉54	10♍28	23♏ 6	29♒18	28♋40	6♊12	26♈29	27♈58	7♒59	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n40	18s26	4s34	14n37	1s37	9n11	0n55	17n42	0s22	11n24	1n17	17s36	0n57	12s19	0s50	22n 1	1n 0	24n12	2n28	11n 9	11n31	24s26		n.a.
T 2	14 20	13 37	4 2	15 16	1 17	8 41	0 53	17 51	0 21	11 20	1 17	17 37	0 57	12 20	0 51	22 0	1 0	24 12	2 28	11 4	11 30	24 24		n.a.
F 3	14 0	8 16	3 19	15 51	0 57	8 10	0 51	17 59	0 20	11 15	1 17	17 38	0 57	12 21	0 51	22 0	1 0	24 12	2 28	11 1	11 29	24 22		n.a.
S 4	13 40	2 34	2 27	16 24	0 37	7 39	0 49	18 7	0 18	11 10	1 17	17 38	0 56	12 22	0 51	22 0	1 0	24 12	2 28	10 59	11 28	24 21		n.a.
S 5	13 19	3n19	1 26	16 54	0 17	7 8	0 47	18 15	0 17	11 5	1 17	17 39	0 56	12 23	0 51	21 59	1 0	24 12	2 29	10 57	11 27	24 19		n.a.
M 6	12 59	9 10	0 21	17 19	0n 1	6 36	0 45	18 22	0 16	11 0	1 17	17 40	0 56	12 24	0 51	21 59	1 0	24 13	2 29	10 57	11 26	24 17		n.a.
T 7	12 38	14 46	0n47	17 40	0 19	6 5	0 43	18 30	0 15	10 55	1 17	17 41	0 56	12 24	0 51	21 58	1 0	24 13	2 29	10 57	11 25	24 15		n.a.
W 8	12 17	19 51	1 54	17 57	0 36	5 33	0 41	18 38	0 14	10 50	1 17	17 42	0 56	12 25	0 51	21 58	1 0	24 13	2 29	10 57	11 23	24 13		n.a.
T 9	11 55	24 5	2 57	18 9	0 51	5 1	0 39	18 45	0 12	10 45	1 17	17 42	0 55	12 26	0 51	21 58	1 0	24 13	2 29	10 57	11 22	24 12		n.a.
F 10	11 34	27 6	3 51	18 17	1 4	4 29	0 37	18 52	0 11	10 40	1 17	17 43	0 55	12 27	0 51	21 57	1 1	24 13	2 29	10 57	11 21	24 10		n.a.
S 11	11 12	28 28	4 33	18 20	1 17	3 57	0 34	18 59	0 10	10 35	1 17	17 44	0 55	12 28	0 51	21 57	1 1	24 14	2 29	10 55	11 20	24 8		n.a.
S 12	10 50	27 56	4 59	18 19	1 27	3 25	0 32	19 6	0 8	10 30	1 17	17 45	0 55	12 29	0 51	21 57	1 1	24 14	2 29	10 53	11 19	24 6		n.a.
M13	10 28	25 23	5 5	18 13	1 37	2 52	0 30	19 13	0 7	10 25	1 17	17 46	0 55	12 30	0 51	21 56	1 1	24 14	2 30	10 50	11 18	24 4		n.a.
T 14	10 6	21 3	4 50	18 4	1 44	2 20	0 27	19 20	0 6	10 20	1 17	17 47	0 55	12 31	0 50	21 56	1 1	24 14	2 30	10 47	11 16	24 2		n.a.
W15	9 43	15 20	4 15	17 52	1 51	1 48	0 25	19 27	0 4	10 15	1 17	17 48	0 54	12 31	0 50	21 56	1 1	24 14	2 30	10 44	11 15	24 0		n.a.
T 16	9 21	8 46	3 23	17 36	1 56	1 15	0 22	19 33	0 3	10 10	1 17	17 49	0 54	12 32	0 50	21 55	1 1	24 15	2 30	10 42	11 14	23 59		n.a.
F 17	8 58	1 50	2 17	17 17	2 0	0 42	0 20	19 40	0 1	10 4	1 17	17 50	0 54	12 33	0 50	21 55	1 1	24 15	2 30	10 40	11 13	23 57		n.a.
S 18	8 35	5s 1	1 5	16 55	2 3	0 10	0 17	19 46	0n 0	9 59	1 17	17 51	0 54	12 34	0 50	21 54	1 1	24 15	2 30	10 39	11 12	23 55		n.a.
S 19	8 12	11 26	0s 9	16 30	2 5	0s23	0 15	19 52	0 2	9 54	1 17	17 52	0 54	12 35	0 50	21 54	1 1	24 15	2 30	10 39	11 11	23 53		n.a.
M20	7 49	17 6	1 21	16 4	2 6	0 55	0 12	19 58	0 3	9 49	1 17	17 53	0 54	12 36	0 50	21 54	1 1	24 15	2 31	10 39	11 10	23 51		n.a.
T 21	7 25	21 49	2 26	15 35	2 6	1 28	0 10	20 4	0 5	9 44	1 17	17 54	0 54	12 37	0 50	21 53	1 1	24 15	2 31	10 39	11 8	23 49		n.a.
W22	7 2	25 22	3 22	15 4	2 6	2 1	0 7	20 10	0 6	9 39	1 17	17 55	0 53	12 37	0 50	21 53	1 1	24 16	2 31	10 40	11 7	23 47		n.a.
T 23	6 38	27 39	4 7	14 31	2 5	2 33	0 4	20 15	0 8	9 34	1 17	17 57	0 53	12 38	0 50	21 53	1 1	24 16	2 31	10 40	11 6	23 45		n.a.
F 24	6 14	28 35	4 41	13 57	2 3	3 6	0 2	20 21	0 9	9 29	1 17	17 58	0 53	12 39	0 50	21 52	1 1	24 16	2 31	10 39	11 5	23 43		n.a.
S 25	5 51	28 9	5 1	13 21	2 1	3 38	0s 1	20 26	0 11	9 24	1 17	17 59	0 53	12 40	0 50	21 52	1 1	24 16	2 31	10 38	11 4	23 41		n.a.
S 26	5 27	26 26	5 9	12 44	1 58	4 10	0 4	20 32	0 13	9 19	1 17	18 0	0 53	12 41	0 50	21 52	1 1	24 16	2 31	10 36	11 3	23 39		n.a.
M27	5 2	23 34	5 4	12 6	1 54	4 43	0 6	20 37	0 14	9 14	1 17	18 1	0 53	12 42	0 50	21 52	1 1	24 16	2 32	10 33	11 1	23 38		n.a.
T 28	4 38	19 41	4 45	11 27	1 50	5 15	0 9	20 42	0 16	9 9	1 17	18 3	0 52	12 42	0 50	21 51	1 1	24 16	2 32	10 30	11 0	23 36		n.a.
W29	4 14	15 0	4 14	10 47	1 46	5 47	0 12	20 47	0 18	9 4	1 17	18 4	0 52	12 43	0 50	21 51	1 1	24 16	2 32	10 28	10 59	23 34		n.a.
T 30	3n50	9s43	3s31	10n 6	1n42	6s19	0s14	20n52	0n20	8n58	1n17	18s 5	0n52	12s44	0s50	21n51	1n 1	24n17	2n32	10n25	10n58	23s32		n.a.

Julian Day Number = 984957.5, Delta T = 13h09m21s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'16, Lahiri = -31°45'15 Julian Calendar 1 Sept. 2017 BCE == Greg. Calendar 15 Aug. 2017 BCE

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

OCTOBER 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 31 46	21♍31'52	26♓ 4	10♍ 8	16♎25	0♊ 8	10♍41	23♏10	29°R16	28♋42	6°R12	26°R24	27♈55	8♒ 6	n.a.	F 1
S 2	23 35 42	22°32'37	8♈27	11°44	17°39	0°22	10°55	23°15	29♒14	28°43	6♊12	26♈21	27°52	8°12	n.a.	S 2
S 3	23 39 39	23°33'23	21° 1	13°20	18°54	0°34	11° 8	23°19	29°11	28°45	6°11	26°D19	27°49	8°19	n.a.	S 3
M 4	23 43 35	24°34'11	3♉45	14°56	20° 8	0°46	11°21	23°24	29° 9	28°46	6°11	26°19	27°46	8°26	n.a.	M 4
T 5	23 47 32	25°35'00	16°43	16°32	21°23	0°58	11°34	23°29	29° 7	28°47	6°11	26°20	27°42	8°32	n.a.	T 5
W 6	23 51 28	26°35'51	29°54	18° 8	22°37	1° 9	11°47	23°34	29° 5	28°49	6°10	26°22	27°39	8°39	n.a.	W 6
T 7	23 55 25	27°36'45	13♊21	19°44	23°52	1°19	12° 0	23°38	29° 3	28°50	6°10	26°24	27°36	8°46	n.a.	T 7
F 8	23 59 21	28°37'39	27° 4	21°20	25° 6	1°29	12°13	23°43	29° 1	28°51	6°10	26°R24	27°33	8°53	n.a.	F 8
S 9	0 3 18	29°38'36	11♋ 6	22°56	26°21	1°38	12°26	23°48	28°59	28°53	6° 9	26°24	27°30	8°59	n.a.	S 9
S 10	0 7 15	0♎39'34	25°24	24°31	27°35	1°46	12°39	23°54	28°57	28°54	6° 9	26°22	27°26	9° 6	n.a.	S 10
M11	0 11 11	1°40'34	9♌57	26° 7	28°50	1°54	12°52	23°59	28°55	28°55	6° 9	26°19	27°23	9°13	n.a.	M11
T 12	0 15 8	2°41'35	24°39	27°42	0♏ 4	2° 0	13° 5	24° 4	28°53	28°57	6° 8	26°16	27°20	9°19	n.a.	T 12
W13	0 19 4	3°42'37	9♍24	29°17	1°18	2° 7	13°18	24° 9	28°51	28°58	6° 8	26°13	27°17	9°26	n.a.	W13
T 14	0 23 1	4°43'41	24° 5	0♎52	2°33	2°12	13°31	24°15	28°49	28°59	6° 7	26°10	27°14	9°33	n.a.	T 14
F 15	0 26 57	5°44'46	8♎35	2°27	3°47	2°17	13°44	24°20	28°47	29° 0	6° 7	26° 8	27°11	9°40	n.a.	F 15
S 16	0 30 54	6°45'52	22°47	4° 2	5° 1	2°21	13°56	24°26	28°46	29° 1	6° 6	26°D 7	27° 7	9°46	n.a.	S 16
S 17	0 34 50	7°46'59	6♏38	5°36	6°16	2°24	14° 9	24°31	28°44	29° 2	6° 5	26° 7	27° 4	9°53	n.a.	S 17
M18	0 38 47	8°48'07	20° 4	7°11	7°30	2°27	14°22	24°37	28°42	29° 3	6° 5	26° 8	27° 1	10° 0	n.a.	M18
T 19	0 42 44	9°49'16	3♐ 7	8°46	8°44	2°29	14°34	24°43	28°40	29° 4	6° 4	26°10	26°58	10° 7	n.a.	T 19
W20	0 46 40	10°50'26	15°47	10°20	9°58	2°29	14°47	24°48	28°39	29° 5	6° 3	26°11	26°55	10°13	n.a.	W20
T 21	0 50 37	11°51'36	28° 9	11°55	11°13	2°R30	15° 0	24°54	28°37	29° 6	6° 3	26°12	26°52	10°20	n.a.	T 21
F 22	0 54 33	12°52'47	10♑17	13°29	12°27	2°29	15°12	25° 0	28°35	29° 7	6° 2	26°R13	26°48	10°27	n.a.	F 22
S 23	0 58 30	13°53'59	22°14	15° 3	13°41	2°28	15°25	25° 6	28°34	29° 8	6° 1	26°13	26°45	10°33	n.a.	S 23
S 24	1 2 26	14°55'11	4♒ 7	16°38	14°55	2°25	15°37	25°12	28°32	29° 9	6° 1	26°12	26°42	10°40	n.a.	S 24
M25	1 6 23	15°56'24	15°59	18°12	16° 9	2°22	15°49	25°18	28°31	29°10	6° 0	26°11	26°39	10°47	n.a.	M25
T 26	1 10 20	16°57'37	27°55	19°47	17°23	2°19	16° 2	25°24	28°30	29°10	5°59	26° 9	26°36	10°54	n.a.	T 26
W27	1 14 16	17°58'51	9♓58	21°21	18°37	2°14	16°14	25°30	28°28	29°11	5°58	26° 8	26°32	11° 0	n.a.	W27
T 28	1 18 13	19° 0'05	22°12	22°56	19°51	2° 8	16°26	25°36	28°27	29°12	5°57	26° 7	26°29	11° 7	n.a.	T 28
F 29	1 22 9	20° 1'19	4♈38	24°31	21° 5	2° 2	16°38	25°42	28°26	29°13	5°57	26° 6	26°26	11°14	n.a.	F 29
S 30	1 26 6	21° 2'34	17°17	26° 5	22°19	1°55	16°50	25°49	28°24	29°13	5°56	26° 6	26°23	11°20	n.a.	S 30
S 31	1 30 2	22♎ 3'50	0♉11	27♎40	23♏33	1♊47	17♍ 3	25♏55	28♒23	29♋14	5♊55	26°D 6	26♈20	11♒27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n25	3s59	2s37	9n25	1n37	6s51	0s17	20n57	0n21	8n53	1n17	18s 6	0n52	12s45	0s50	21n50	1n 1	24n17	2n32	10n23	10n57	23s30		n.a.
S 2	3 1	1n57	1 36	8 43	1 32	7 22	0 20	21 1	0 23	8 48	1 17	18 8	0 52	12 46	0 50	21 50	1 1	24 17	2 32	10 22	10 56	23 28		n.a.
S 3	2 37	7 55	0 29	8 1	1 27	7 54	0 22	21 6	0 25	8 43	1 17	18 9	0 52	12 46	0 50	21 50	1 1	24 17	2 32	10 22	10 54	23 26		n.a.
M 4	2 12	13 40	0n41	7 18	1 21	8 25	0 25	21 10	0 27	8 38	1 17	18 10	0 52	12 47	0 50	21 50	1 1	24 17	2 32	10 22	10 53	23 24		n.a.
T 5	1 47	18 55	1 49	6 34	1 16	8 56	0 28	21 14	0 29	8 33	1 17	18 12	0 51	12 48	0 50	21 49	1 1	24 17	2 33	10 22	10 52	23 22		n.a.
W 6	1 23	23 22	2 53	5 51	1 10	9 27	0 31	21 19	0 31	8 28	1 17	18 13	0 51	12 49	0 50	21 49	1 1	24 17	2 33	10 23	10 51	23 20		n.a.
T 7	0 58	26 40	3 49	5 7	1 4	9 57	0 33	21 23	0 33	8 23	1 17	18 14	0 51	12 49	0 50	21 49	1 1	24 17	2 33	10 23	10 50	23 18		n.a.
F 8	0 33	28 27	4 34	4 23	0 58	10 28	0 36	21 27	0 35	8 18	1 17	18 16	0 51	12 50	0 50	21 49	1 2	24 17	2 33	10 24	10 49	23 16		n.a.
S 9	0 9	28 29	5 3	3 39	0 51	10 58	0 39	21 30	0 37	8 13	1 17	18 17	0 51	12 51	0 50	21 48	1 2	24 17	2 33	10 23	10 48	23 14		n.a.
S 10	0s16	26 37	5 14	2 54	0 45	11 28	0 41	21 34	0 39	8 8	1 17	18 19	0 51	12 51	0 50	21 48	1 2	24 17	2 33	10 23	10 46	23 12		n.a.
M11	0 41	23 0	5 5	2 10	0 39	11 58	0 44	21 38	0 41	8 3	1 17	18 20	0 51	12 52	0 50	21 48	1 2	24 17	2 33	10 22	10 45	23 10		n.a.
T 12	1 5	17 54	4 36	1 26	0 32	12 27	0 47	21 41	0 43	7 58	1 17	18 22	0 50	12 53	0 50	21 48	1 2	24 17	2 34	10 20	10 44	23 8		n.a.
W13	1 30	11 44	3 49	0 41	0 26	12 56	0 49	21 44	0 45	7 53	1 17	18 23	0 50	12 53	0 50	21 47	1 2	24 17	2 34	10 19	10 43	23 5		n.a.
T 14	1 55	4 57	2 47	0s 3	0 19	13 25	0 52	21 48	0 47	7 48	1 17	18 24	0 50	12 54	0 50	21 47	1 2	24 17	2 34	10 18	10 42	23 3		n.a.
F 15	2 20	2s 1	1 35	0 48	0 13	13 53	0 54	21 51	0 49	7 43	1 18	18 26	0 50	12 55	0 50	21 47	1 2	24 18	2 34	10 17	10 41	23 1		n.a.
S 16	2 44	8 45	0 18	1 32	0 6	14 21	0 57	21 54	0 52	7 38	1 18	18 27	0 50	12 55	0 50	21 47	1 2	24 18	2 34	10 17	10 39	22 59		n.a.
S 17	3 9	14 54	0s58	2 16	0s 0	14 49	0 59	21 57	0 54	7 33	1 18	18 29	0 50	12 56	0 50	21 47	1 2	24 18	2 34	10 17	10 38	22 57		n.a.
M18	3 33	20 11	2 8	3 0	0 7	15 16	1 2	21 59	0 56	7 28	1 18	18 30	0 50	12 56	0 50	21 47	1 2	24 18	2 34	10 18	10 37	22 55		n.a.
T 19	3 58	24 19	3 10	3 44	0 13	15 43	1 4	22 2	0 58	7 23	1 18	18 32	0 49	12 57	0 50	21 46	1 2	24 18	2 34	10 18	10 36	22 53		n.a.
W20	4 22	27 9	4 1	4 28	0 19	16 9	1 7	22 4	1 1	7 18	1 18	18 34	0 49	12 58	0 50	21 46	1 2	24 18	2 35	10 19	10 35	22 51		n.a.
T 21	4 47	28 34	4 39	5 12	0 26	16 36	1 9	22 7	1 3	7 13	1 18	18 35	0 49	12 58	0 50	21 46	1 2	24 18	2 35	10 19	10 34	22 49		n.a.
F 22	5 11	28 34	5 4	5 55	0 32	17 1	1 12	22 9	1 5	7 8	1 18	18 37	0 49	12 59	0 50	21 46	1 2	24 18	2 35	10 19	10 32	22 47		n.a.
S 23	5 35	27 14	5 15	6 38	0 38	17 26	1 14	22 11	1 8	7 4	1 18	18 38	0 49	12 59	0 50	21 46	1 2	24 18	2 35	10 19	10 31	22 45		n.a.
S 24	6 0	24 41	5 13	7 21	0 44	17 51	1 16	22 13	1 10	6 59	1 18	18 40	0 49	13 0	0 50	21 46	1 2	24 18	2 35	10 19	10 30	22 43		n.a.
M25	6 24	21 5	4 58	8 3	0 50	18 15	1 18	22 15	1 13	6 54	1 18	18 41	0 49	13 0	0 50	21 45	1 2	24 18	2 35	10 18	10 29	22 40		n.a.
T 26	6 48	16 38	4 29	8 45	0 56	18 39	1 21	22 16	1 15	6 49	1 18	18 43	0 49	13 1	0 50	21 45	1 2	24 18	2 35	10 18	10 28	22 38		n.a.
W27	7 12	11 30	3 49	9 27	1 2	19 3	1 23	22 18	1 18	6 44	1 18	18 45	0 49	13 1	0 50	21 45	1 2	24 18	2 35	10 17	10 26	22 36		n.a.
T 28	7 35	5 51	2 57	10 8	1 8	19 25	1 25	22 19	1 20	6 40	1 18	18 46	0 48	13 2	0 50	21 45	1 2	24 17	2 36	10 17	10 25	22 34		n.a.
F 29	7 59	0n 6	1 56	10 49	1 13	19 48	1 27	22 20	1 23	6 35	1 19	18 48	0 48	13 2	0 50	21 45	1 2	24 17	2 36	10 17	10 24	22 32		n.a.
S 30	8 22	6 11	0 49	11 29	1 18	20 9	1 29	22 21	1 25	6 30	1 19	18 49	0 48	13 2	0 49	21 45	1 3	24 17	2 36	10 17	10 23	22 30		n.a.
S 31	8s46	12n 7	0n23	12s 9	1s23	20s31	1s31	22n22	1n28	6n25	1n19	18s51	0n48	13s 3	0s49	21n45	1n 3	24n17	2n36	10n17	10n22	22s27		n.a.

Julian Day Number = 984987.5, Delta T = 13h09m19s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'12, Lahiri = -31°45'11 Julian Calendar 1 Oct. 2017 BCE == Greg. Calendar 14 Sept. 2017 BCE

The year -2016 astronomical counting style corresponds to year 2017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

NOVEMBER 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 33 59	23♎ 5'06	13♉19	29♎15	24♏47	1°R38	17♍15	26♏ 1	28°R22	29♋14	5°R54	26♈ 6	26♈17	11♒34	n.a.	M 1
T 2	1 37 55	24° 6'23	26°40	0♏50	26° 1	1♊29	17°26	26° 8	28♒21	29°15	5♊53	26° 6	26°13	11°41	n.a.	T 2
W 3	1 41 52	25° 7'40	10♊14	2°26	27°15	1°18	17°38	26°14	28°20	29°15	5°52	26° 6	26°10	11°47	n.a.	W 3
T 4	1 45 49	26° 8'59	23°58	4° 1	28°29	1° 7	17°50	26°20	28°19	29°16	5°51	26°R 6	26° 7	11°54	n.a.	T 4
F 5	1 49 45	27°10'17	7♋53	5°36	29°42	0°55	18° 2	26°27	28°18	29°16	5°50	26° 6	26° 4	12° 1	n.a.	F 5
S 6	1 53 42	28°11'37	21°56	7°12	0♐56	0°42	18°14	26°33	28°17	29°17	5°49	26°D 6	26° 1	12° 7	n.a.	S 6
S 7	1 57 38	29°12'57	6♌ 6	8°48	2°10	0°28	18°25	26°40	28°16	29°17	5°48	26° 6	25°57	12°14	n.a.	S 7
M 8	2 1 35	0♏14'17	20°20	10°23	3°24	0°14	18°37	26°47	28°15	29°18	5°47	26° 6	25°54	12°21	n.a.	M 8
T 9	2 5 31	1°15'38	4♍37	11°59	4°37	29♉59	18°48	26°53	28°15	29°18	5°46	26° 7	25°51	12°28	n.a.	T 9
W10	2 9 28	2°16'59	18°52	13°35	5°51	29°43	18°59	27° 0	28°14	29°18	5°45	26° 7	25°48	12°34	n.a.	W10
T 11	2 13 25	3°18'20	3♎ 3	15°11	7° 4	29°26	19°11	27° 7	28°13	29°18	5°44	26° 8	25°45	12°41	n.a.	T 11
F 12	2 17 21	4°19'42	17° 6	16°46	8°18	29° 8	19°22	27°13	28°13	29°19	5°43	26° 8	25°42	12°48	n.a.	F 12
S 13	2 21 18	5°21'04	0♏57	18°21	9°32	28°50	19°33	27°20	28°12	29°19	5°42	26°R 8	25°38	12°55	n.a.	S 13
S 14	2 25 14	6°22'26	14°32	19°57	10°45	28°31	19°44	27°27	28°11	29°19	5°41	26° 8	25°35	13° 1	n.a.	S 14
M15	2 29 11	7°23'48	27°50	21°31	11°58	28°12	19°55	27°34	28°11	29°19	5°39	26° 7	25°32	13° 8	n.a.	M15
T 16	2 33 7	8°25'09	10♐49	23° 5	13°12	27°52	20° 6	27°41	28°11	29°19	5°38	26° 5	25°29	13°15	n.a.	T 16
W17	2 37 4	9°26'30	23°30	24°39	14°25	27°31	20°17	27°48	28°10	29°19	5°37	26° 3	25°26	13°21	n.a.	W17
T 18	2 41 0	10°27'51	5♑54	26°12	15°38	27°10	20°28	27°54	28°10	29°R19	5°36	26° 1	25°23	13°28	n.a.	T 18
F 19	2 44 57	11°29'12	18° 4	27°43	16°52	26°49	20°38	28° 1	28°10	29°19	5°35	25°59	25°19	13°35	n.a.	F 19
S 20	2 48 54	12°30'32	0♒ 3	29°14	18° 5	26°27	20°49	28° 8	28° 9	29°19	5°33	25°58	25°16	13°42	n.a.	S 20
S 21	2 52 50	13°31'51	11°56	0♐42	19°18	26° 4	20°59	28°15	28° 9	29°19	5°32	25°D58	25°13	13°48	n.a.	S 21
M22	2 56 47	14°33'10	23°48	2° 9	20°31	25°42	21°10	28°22	28° 9	29°19	5°31	25°58	25°10	13°55	n.a.	M22
T 23	3 0 43	15°34'27	5♓44	3°33	21°44	25°18	21°20	28°29	28°D 9	29°19	5°30	25°59	25° 7	14° 2	n.a.	T 23
W24	3 4 40	16°35'45	17°47	4°54	22°57	24°55	21°30	28°36	28° 9	29°18	5°29	26° 1	25° 3	14° 8	n.a.	W24
T 25	3 8 36	17°37'01	0♈ 3	6°12	24°10	24°31	21°40	28°43	28° 9	29°18	5°27	26° 2	25° 0	14°15	n.a.	T 25
F 26	3 12 33	18°38'17	12°36	7°26	25°23	24° 8	21°50	28°50	28° 9	29°18	5°26	26° 4	24°57	14°22	n.a.	F 26
S 27	3 16 30	19°39'32	25°27	8°36	26°36	23°44	22° 0	28°57	28°10	29°18	5°25	26°R 4	24°54	14°29	n.a.	S 27
S 28	3 20 26	20°40'46	8♉38	9°39	27°48	23°20	22°10	29° 5	28°10	29°17	5°23	26° 4	24°51	14°35	n.a.	S 28
M29	3 24 23	21°41'59	22° 9	10°37	29° 1	22°56	22°19	29°12	28°10	29°17	5°22	26° 2	24°48	14°42	n.a.	M29
T 30	3 28 19	22♏43'12	5♊58	11♐28	0♑14	22♉31	22♍29	29♏19	28♒10	29♋16	5♊21	25♈59	24♈44	14♒49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
M 1	9s 9	17n39	1n34	12s48	1s28	20s51	1s33	22n23	1n30	6n21	1n19	18s53	0n48	13s 3	0s49	21n45	1n 3	24n17	2n36	10n17	10n21	22s25		n.a.		M 1
T 2	9 32	22 25	2 42	13 27	1 33	21 11	1 35	22 23	1 33	6 16	1 19	18 54	0 48	13 3	0 49	21 45	1 3	24 17	2 36	10 17	10 19	22 23		n.a.		T 2
W 3	9 55	26 5	3 41	14 5	1 38	21 31	1 37	22 24	1 35	6 11	1 19	18 56	0 48	13 4	0 49	21 45	1 3	24 17	2 36	10 17	10 18	22 21		n.a.		W 3
T 4	10 18	28 16	4 29	14 43	1 42	21 49	1 38	22 24	1 38	6 7	1 19	18 58	0 48	13 4	0 49	21 45	1 3	24 17	2 36	10 17	10 17	22 19		n.a.		T 4
F 5	10 40	28 42	5 1	15 19	1 46	22 8	1 40	22 24	1 41	6 2	1 19	18 59	0 47	13 4	0 49	21 45	1 3	24 17	2 37	10 17	10 16	22 17		n.a.		F 5
S 6	11 3	27 18	5 16	15 55	1 50	22 25	1 42	22 24	1 43	5 58	1 19	19 1	0 47	13 5	0 49	21 44	1 3	24 17	2 37	10 17	10 15	22 14		n.a.		S 6
S 7	11 25	24 10	5 12	16 31	1 54	22 42	1 43	22 23	1 46	5 53	1 20	19 3	0 47	13 5	0 49	21 44	1 3	24 17	2 37	10 17	10 14	22 12		n.a.		S 7
M 8	11 47	19 34	4 49	17 5	1 57	22 58	1 45	22 23	1 49	5 49	1 20	19 4	0 47	13 5	0 49	21 44	1 3	24 17	2 37	10 17	10 12	22 10		n.a.		M 8
T 9	12 9	13 51	4 8	17 38	2 0	23 14	1 46	22 22	1 51	5 44	1 20	19 6	0 47	13 5	0 49	21 44	1 3	24 17	2 37	10 17	10 11	22 8		n.a.		T 9
W10	12 31	7 26	3 12	18 10	2 2	23 29	1 48	22 21	1 54	5 40	1 20	19 8	0 47	13 6	0 49	21 44	1 3	24 17	2 37	10 17	10 10	22 6		n.a.		W10
T 11	12 52	0 40	2 4	18 42	2 4	23 43	1 49	22 20	1 56	5 35	1 20	19 9	0 47	13 6	0 49	21 44	1 3	24 17	2 37	10 17	10 9	22 3		n.a.		T 11
F 12	13 13	6s 5	0 50	19 12	2 6	23 57	1 50	22 18	1 59	5 31	1 20	19 11	0 47	13 6	0 49	21 44	1 3	24 17	2 37	10 18	10 8	22 1		n.a.		F 12
S 13	13 34	12 27	0s27	19 41	2 7	24 10	1 51	22 17	2 2	5 27	1 20	19 13	0 47	13 6	0 49	21 44	1 3	24 16	2 37	10 18	10 6	21 59		n.a.		S 13
S 14	13 55	18 7	1 40	20 8	2 8	24 22	1 52	22 15	2 4	5 22	1 20	19 14	0 47	13 6	0 49	21 44	1 3	24 16	2 38	10 17	10 5	21 57		n.a.		S 14
M15	14 16	22 47	2 47	20 35	2 9	24 33	1 53	22 13	2 7	5 18	1 21	19 16	0 46	13 6	0 49	21 44	1 3	24 16	2 38	10 17	10 4	21 54		n.a.		M15
T 16	14 36	26 12	3 43	21 0	2 8	24 44	1 54	22 11	2 9	5 14	1 21	19 18	0 46	13 7	0 49	21 44	1 3	24 16	2 38	10 16	10 3	21 52		n.a.		T 16
W17	14 56	28 12	4 26	21 23	2 8	24 54	1 55	22 8	2 12	5 10	1 21	19 19	0 46	13 7	0 49	21 45	1 3	24 16	2 38	10 16	10 2	21 50		n.a.		W17
T 18	15 16	28 44	4 56	21 44	2 6	25 3	1 56	22 6	2 14	5 5	1 21	19 21	0 46	13 7	0 49	21 45	1 3	24 16	2 38	10 15	10 1	21 48		n.a.		T 18
F 19	15 35	27 50	5 13	22 4	2 4	25 12	1 57	22 3	2 16	5 1	1 21	19 23	0 46	13 7	0 49	21 45	1 3	24 16	2 38	10 14	9 59	21 45		n.a.		F 19
S 20	15 54	25 40	5 15	22 22	2 2	25 20	1 57	22 0	2 19	4 57	1 21	19 24	0 46	13 7	0 49	21 45	1 4	24 16	2 38	10 14	9 58	21 43		n.a.		S 20
S 21	16 13	22 24	5 3	22 38	1 58	25 27	1 58	21 57	2 21	4 53	1 21	19 26	0 46	13 7	0 49	21 45	1 4	24 15	2 38	10 14	9 57	21 41		n.a.		S 21
M22	16 32	18 14	4 39	22 52	1 54	25 33	1 58	21 53	2 23	4 49	1 22	19 28	0 46	13 7	0 49	21 45	1 4	24 15	2 38	10 14	9 56	21 38		n.a.		M22
T 23	16 50	13 21	4 3	23 4	1 48	25 38	1 59	21 50	2 26	4 45	1 22	19 29	0 46	13 7	0 48	21 45	1 4	24 15	2 38	10 14	9 55	21 36		n.a.		T 23
W24	17 8	7 55	3 15	23 14	1 42	25 43	1 59	21 46	2 28	4 41	1 22	19 31	0 46	13 7	0 48	21 45	1 4	24 15	2 39	10 15	9 53	21 34		n.a.		W24
T 25	17 26	2 5	2 18	23 21	1 35	25 47	1 59	21 42	2 30	4 37	1 22	19 33	0 46	13 7	0 48	21 45	1 4	24 15	2 39	10 15	9 52	21 31		n.a.		T 25
F 26	17 43	3n57	1 13	23 26	1 27	25 50	1 59	21 38	2 32	4 33	1 22	19 34	0 45	13 7	0 48	21 45	1 4	24 15	2 39	10 16	9 51	21 29		n.a.		F 26
S 27	18 0	9 59	0 3	23 28	1 18	25 52	1 59	21 34	2 34	4 30	1 22	19 36	0 45	13 7	0 48	21 45	1 4	24 15	2 39	10 16	9 50	21 27		n.a.		S 27
S 28	18 17	15 45	1n 9	23 28	1 7	25 54	1 59	21 30	2 36	4 26	1 23	19 38	0 45	13 6	0 48	21 45	1 4	24 15	2 39	10 16	9 49	21 25		n.a.		S 28
M29	18 34	20 54	2 18	23 25	0 56	25 54	1 59	21 25	2 38	4 22	1 23	19 39	0 45	13 6	0 48	21 46	1 4	24 14	2 39	10 15	9 48	21 22		n.a.		M29
T 30	18s50	25n 3	3n21	23s20	0s43	25s54	1s59	21n21	2n40	4n18	1n23	19s41	0n45	13s 6	0s48	21n46	1n 4	24n14	2n39	10n14	9n46	21s20		n.a.		T 30

Julian Day Number = 985018.5, Delta T = 13h09m17s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'07, Lahiri = -31°45'07 Julian Calendar 1 Nov. 2017 BCE == Greg. Calendar 15 Oct. 2017 BCE

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ASTRODIENST EPHEMERIS for the year 2017 BCE
geocentric

DECEMBER 2017 BCE (-2016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 32 16	23♏44'25	20♊ 2	12♐11	1♑26	22°R 7	22♍38	29♏26	28♒11	29°R16	5°R20	25°R54	24♈41	14♒55	n.a.	W 1
T 2	3 36 12	24°45'37	4♋15	12°44	2°39	21♉43	22°47	29°33	28°11	29♋16	5♊18	25♈50	24°38	15° 2	n.a.	T 2
F 3	3 40 9	25°46'48	18°34	13° 9	3°51	21°20	22°57	29°40	28°12	29°15	5°17	25°46	24°35	15° 9	n.a.	F 3
S 4	3 44 6	26°47'58	2♌53	13°23	5° 3	20°56	23° 6	29°47	28°12	29°14	5°16	25°42	24°32	15°16	n.a.	S 4
S 5	3 48 2	27°49'08	17°10	13°R25	6°15	20°33	23°15	29°54	28°13	29°14	5°14	25°41	24°29	15°22	n.a.	S 5
M 6	3 51 59	28°50'17	1♍20	13°17	7°28	20° 9	23°24	0♐ 1	28°13	29°13	5°13	25°D40	24°25	15°29	n.a.	M 6
T 7	3 55 55	29°51'26	15°22	12°56	8°40	19°47	23°32	0° 9	28°14	29°13	5°12	25°41	24°22	15°36	n.a.	T 7
W 8	3 59 52	0♐52'34	29°15	12°25	9°52	19°24	23°41	0°16	28°15	29°12	5°10	25°42	24°19	15°42	n.a.	W 8
T 9	4 3 48	1°53'41	12♎59	11°42	11° 3	19° 2	23°49	0°23	28°16	29°11	5° 9	25°44	24°16	15°49	n.a.	T 9
F 10	4 7 45	2°54'47	26°33	10°50	12°15	18°40	23°58	0°30	28°16	29°11	5° 8	25°R44	24°13	15°56	n.a.	F 10
S 11	4 11 41	3°55'52	9♏56	9°49	13°27	18°19	24° 6	0°37	28°17	29°10	5° 6	25°43	24° 9	16° 3	n.a.	S 11
S 12	4 15 38	4°56'57	23° 8	8°41	14°39	17°58	24°14	0°44	28°18	29° 9	5° 5	25°41	24° 6	16° 9	n.a.	S 12
M13	4 19 35	5°58'00	6♐ 8	7°29	15°50	17°38	24°22	0°51	28°19	29° 8	5° 4	25°35	24° 3	16°16	n.a.	M13
T 14	4 23 31	6°59'02	18°54	6°14	17° 2	17°19	24°30	0°59	28°20	29° 7	5° 2	25°29	24° 0	16°23	n.a.	T 14
W15	4 27 28	8° 0'03	1♑27	4°59	18°13	17° 0	24°37	1° 6	28°21	29° 7	5° 1	25°21	23°57	16°29	n.a.	W15
T 16	4 31 24	9° 1'02	13°47	3°46	19°24	16°42	24°45	1°13	28°22	29° 6	5° 0	25°12	23°54	16°36	n.a.	T 16
F 17	4 35 21	10° 2'00	25°55	2°37	20°35	16°24	24°52	1°20	28°24	29° 5	4°58	25° 4	23°50	16°43	n.a.	F 17
S 18	4 39 17	11° 2'56	7♒54	1°33	21°47	16° 7	25° 0	1°27	28°25	29° 4	4°57	24°57	23°47	16°50	n.a.	S 18
S 19	4 43 14	12° 3'51	19°46	0°36	22°57	15°51	25° 7	1°34	28°26	29° 3	4°56	24°52	23°44	16°56	n.a.	S 19
M20	4 47 11	13° 4'44	1♓37	29♏46	24° 8	15°35	25°14	1°41	28°28	29° 2	4°54	24°50	23°41	17° 3	n.a.	M20
T 21	4 51 7	14° 5'35	13°30	29° 5	25°19	15°20	25°21	1°48	28°29	29° 1	4°53	24°D49	23°38	17°10	n.a.	T 21
W22	4 55 4	15° 6'25	25°31	28°32	26°30	15° 6	25°27	1°55	28°30	29° 0	4°52	24°49	23°35	17°16	n.a.	W22
T 23	4 59 0	16° 7'13	7♈45	28° 7	27°40	14°53	25°34	2° 2	28°32	28°59	4°50	24°50	23°31	17°23	n.a.	T 23
F 24	5 2 57	17° 7'59	20°17	27°50	28°50	14°41	25°40	2° 9	28°33	28°57	4°49	24°R51	23°28	17°30	n.a.	F 24
S 25	5 6 53	18° 8'43	3♉11	27°41	0♒ 0	14°29	25°47	2°16	28°35	28°56	4°48	24°51	23°25	17°37	n.a.	S 25
S 26	5 10 50	19° 9'25	16°31	27°D40	1°10	14°18	25°53	2°23	28°37	28°55	4°46	24°49	23°22	17°43	n.a.	S 26
M27	5 14 46	20°10'06	0♊16	27°46	2°20	14° 8	25°59	2°30	28°38	28°54	4°45	24°44	23°19	17°50	n.a.	M27
T 28	5 18 43	21°10'45	14°26	27°59	3°30	13°59	26° 4	2°37	28°40	28°53	4°44	24°37	23°15	17°57	n.a.	T 28
W29	5 22 40	22°11'22	28°55	28°18	4°40	13°50	26°10	2°44	28°42	28°51	4°42	24°29	23°12	18° 3	n.a.	W29
T 30	5 26 36	23°11'58	13♋38	28°43	5°49	13°43	26°15	2°51	28°44	28°50	4°41	24°19	23° 9	18°10	n.a.	T 30
F 31	5 30 33	24♐12'32	28♋26	29♏13	6♒58	13♉36	26♍21	2♐57	28♒45	28♋49	4♊40	24♈10	23♈ 6	18♒17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	19s 5	27n45	4n14	23s12	0s29	25s54	1s58	21n16	2n41	4n15	1n23	19s42	0n45	13s 6	0s48	21n46	1n 4	24n14	2n39	10n12	9n45	21s17			n.a.
T 2	19 21	28 42	4 51	23 1	0 14	25 52	1 58	21 11	2 43	4 11	1 23	19 44	0 45	13 6	0 48	21 46	1 4	24 14	2 39	10 11	9 44	21 15			n.a.
F 3	19 36	27 43	5 10	22 49	0n 2	25 50	1 57	21 6	2 45	4 8	1 23	19 46	0 45	13 6	0 48	21 46	1 4	24 14	2 39	10 9	9 43	21 13			n.a.
S 4	19 50	24 56	5 10	22 33	0 19	25 46	1 57	21 1	2 46	4 4	1 24	19 47	0 45	13 5	0 48	21 46	1 4	24 14	2 39	10 8	9 42	21 10			n.a.
S 5	20 5	20 37	4 51	22 16	0 37	25 42	1 56	20 56	2 48	4 1	1 24	19 49	0 45	13 5	0 48	21 46	1 4	24 13	2 39	10 7	9 40	21 8			n.a.
M 6	20 18	15 10	4 14	21 56	0 56	25 38	1 55	20 51	2 49	3 57	1 24	19 51	0 45	13 5	0 48	21 47	1 4	24 13	2 40	10 7	9 39	21 6			n.a.
T 7	20 32	8 59	3 22	21 34	1 15	25 32	1 54	20 46	2 50	3 54	1 24	19 52	0 45	13 5	0 48	21 47	1 4	24 13	2 40	10 7	9 38	21 3			n.a.
W 8	20 45	2 26	2 19	21 11	1 34	25 26	1 53	20 41	2 51	3 51	1 24	19 54	0 45	13 4	0 48	21 47	1 4	24 13	2 40	10 8	9 37	21 1			n.a.
T 9	20 58	4s10	1 9	20 47	1 53	25 19	1 52	20 36	2 53	3 47	1 24	19 55	0 44	13 4	0 48	21 47	1 4	24 13	2 40	10 9	9 36	20 59			n.a.
F 10	21 10	10 31	0s 4	20 21	2 12	25 11	1 51	20 30	2 54	3 44	1 25	19 57	0 44	13 4	0 48	21 47	1 4	24 13	2 40	10 9	9 34	20 56			n.a.
S 11	21 22	16 18	1 16	19 55	2 29	25 3	1 50	20 25	2 55	3 41	1 25	19 59	0 44	13 3	0 48	21 48	1 4	24 12	2 40	10 8	9 33	20 54			n.a.
S 12	21 33	21 14	2 23	19 29	2 45	24 54	1 48	20 20	2 55	3 38	1 25	20 0	0 44	13 3	0 48	21 48	1 5	24 12	2 40	10 7	9 32	20 51			n.a.
M13	21 44	25 4	3 21	19 3	3 0	24 44	1 47	20 15	2 56	3 35	1 25	20 2	0 44	13 2	0 48	21 48	1 5	24 12	2 40	10 5	9 31	20 49			n.a.
T 14	21 55	27 34	4 8	18 38	3 12	24 33	1 45	20 10	2 57	3 32	1 25	20 3	0 44	13 2	0 48	21 48	1 5	24 12	2 40	10 3	9 30	20 46			n.a.
W15	22 5	28 37	4 42	18 15	3 22	24 22	1 44	20 5	2 58	3 29	1 26	20 5	0 44	13 2	0 48	21 48	1 5	24 12	2 40	10 0	9 29	20 44			n.a.
T 16	22 15	28 12	5 2	17 54	3 30	24 10	1 42	20 0	2 58	3 26	1 26	20 6	0 44	13 1	0 48	21 49	1 5	24 11	2 40	9 57	9 27	20 42			n.a.
F 17	22 24	26 26	5 8	17 36	3 35	23 57	1 40	19 56	2 59	3 23	1 26	20 8	0 44	13 1	0 47	21 49	1 5	24 11	2 40	9 54	9 26	20 39			n.a.
S 18	22 33	23 29	5 0	17 20	3 38	23 44	1 38	19 51	2 59	3 21	1 26	20 9	0 44	13 0	0 47	21 49	1 5	24 11	2 40	9 51	9 25	20 37			n.a.
S 19	22 42	19 36	4 40	17 8	3 39	23 30	1 36	19 47	3 0	3 18	1 27	20 11	0 44	13 0	0 47	21 49	1 5	24 11	2 40	9 49	9 24	20 34			n.a.
M20	22 50	14 57	4 7	16 58	3 38	23 15	1 34	19 42	3 0	3 15	1 27	20 12	0 44	12 59	0 47	21 50	1 5	24 11	2 41	9 48	9 23	20 32			n.a.
T 21	22 57	9 44	3 24	16 52	3 35	23 0	1 31	19 38	3 1	3 13	1 27	20 14	0 44	12 59	0 47	21 50	1 5	24 10	2 41	9 48	9 21	20 29			n.a.
W22	23 5	4 7	2 31	16 49	3 30	22 44	1 29	19 34	3 1	3 10	1 27	20 15	0 44	12 58	0 47	21 50	1 5	24 10	2 41	9 48	9 20	20 27			n.a.
T 23	23 11	1n45	1 31	16 50	3 24	22 28	1 26	19 30	3 1	3 8	1 27	20 17	0 44	12 58	0 47	21 50	1 5	24 10	2 41	9 49	9 19	20 24			n.a.
F 24	23 17	7 42	0 25	16 53	3 17	22 11	1 24	19 27	3 1	3 5	1 28	20 18	0 43	12 57	0 47	21 51	1 5	24 10	2 41	9 49	9 18	20 22			n.a.
S 25	23 23	13 31	0n45	16 58	3 9	21 53	1 21	19 23	3 1	3 3	1 28	20 20	0 43	12 56	0 47	21 51	1 5	24 10	2 41	9 49	9 17	20 20			n.a.
S 26	23 28	18 55	1 53	17 7	3 1	21 35	1 18	19 20	3 1	3 1	1 28	20 21	0 43	12 56	0 47	21 51	1 5	24 10	2 41	9 48	9 15	20 17			n.a.
M27	23 33	23 31	2 58	17 17	2 51	21 16	1 15	19 17	3 1	2 59	1 28	20 23	0 43	12 55	0 47	21 52	1 5	24 9	2 41	9 46	9 14	20 15			n.a.
T 28	23 38	26 51	3 53	17 29	2 42	20 56	1 13	19 14	3 1	2 56	1 29	20 24	0 43	12 55	0 47	21 52	1 5	24 9	2 41	9 44	9 13	20 12			n.a.
W29	23 41	28 30	4 35	17 43	2 32	20 37	1 9	19 11	3 1	2 54	1 29	20 26	0 43	12 54	0 47	21 52	1 5	24 9	2 41	9 40	9 12	20 10			n.a.
T 30	23 45	28 10	4 59	17 59	2 21	20 16	1 6	19 9	3 1	2 52	1 29	20 27	0 43	12 53	0 47	21 52	1 5	24 9	2 41	9 37	9 11	20 7			n.a.
F 31	23s48	25n50	5n 3	18s16	2n11	19s55	1s 3	19n 6	3n 1	2n50	1n29	20s28	0n43	12s53	0s47	21n53	1n 5	24n 9	2n41	9n33	9n 9	20s 5			n.a.

Julian Day Number = 985048.5, Delta T = 13h09m15s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°52'03, Lahiri = -31°45'03 Julian Calendar 1 Dec. 2017 BCE == Greg. Calendar 14 Nov. 2017 BCE

The year -2016 astronomical counting style corresponds to year 2017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

JANUARY 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 34 29	25♐13'04	13♌11	29♏48	8♒ 7	13°R30	26♍26	3♐ 4	28♒47	28°R48	4°R39	24°R 2	23♈ 3	18♒24	n.a.	S 1
S 2	5 38 26	26°13'35	27°46	0♐27	9°16	13♉24	26°31	3°11	28°49	28♋46	4♊37	23♈56	23° 0	18°30	n.a.	S 2
M 3	5 42 22	27°14'04	12♍ 7	1°11	10°25	13°20	26°36	3°18	28°51	28°45	4°36	23°53	22°56	18°37	n.a.	M 3
T 4	5 46 19	28°14'32	26°10	1°58	11°34	13°16	26°40	3°24	28°53	28°44	4°35	23°D52	22°53	18°44	n.a.	T 4
W 5	5 50 16	29°14'58	9♎55	2°49	12°42	13°13	26°45	3°31	28°55	28°42	4°34	23°52	22°50	18°50	n.a.	W 5
T 6	5 54 12	0♑15'22	23°24	3°43	13°51	13°11	26°49	3°38	28°57	28°41	4°33	23°R53	22°47	18°57	n.a.	T 6
F 7	5 58 9	1°15'45	6♏39	4°40	14°59	13°10	26°53	3°44	28°59	28°39	4°31	23°52	22°44	19° 4	n.a.	F 7
S 8	6 2 5	2°16'06	19°40	5°40	16° 7	13°D 9	26°57	3°51	29° 2	28°38	4°30	23°49	22°41	19°11	n.a.	S 8
S 9	6 6 2	3°16'26	2♐30	6°43	17°14	13° 9	27° 1	3°58	29° 4	28°37	4°29	23°44	22°37	19°17	n.a.	S 9
M10	6 9 58	4°16'44	15° 9	7°47	18°22	13°10	27° 5	4° 4	29° 6	28°35	4°28	23°35	22°34	19°24	n.a.	M10
T 11	6 13 55	5°17'00	27°38	8°55	19°29	13°11	27° 8	4°11	29° 8	28°34	4°27	23°24	22°31	19°31	n.a.	T 11
W12	6 17 51	6°17'14	9♑58	10° 4	20°36	13°14	27°11	4°17	29°11	28°32	4°26	23°11	22°28	19°37	n.a.	W12
T 13	6 21 48	7°17'26	22° 8	11°15	21°43	13°17	27°14	4°23	29°13	28°31	4°25	22°57	22°25	19°44	n.a.	T 13
F 14	6 25 45	8°17'36	4♒11	12°28	22°50	13°20	27°17	4°30	29°16	28°29	4°23	22°43	22°21	19°51	n.a.	F 14
S 15	6 29 41	9°17'44	16° 6	13°43	23°56	13°25	27°20	4°36	29°18	28°28	4°22	22°31	22°18	19°58	n.a.	S 15
S 16	6 33 38	10°17'49	27°57	15° 0	25° 2	13°30	27°23	4°42	29°20	28°26	4°21	22°22	22°15	20° 4	n.a.	S 16
M17	6 37 34	11°17'52	9♓46	16°18	26° 8	13°35	27°25	4°49	29°23	28°25	4°20	22°15	22°12	20°11	n.a.	M17
T 18	6 41 31	12°17'53	21°37	17°37	27°14	13°42	27°27	4°55	29°25	28°23	4°19	22°11	22° 9	20°18	n.a.	T 18
W19	6 45 27	13°17'51	3♈36	18°58	28°19	13°49	27°29	5° 1	29°28	28°21	4°18	22°10	22° 6	20°24	n.a.	W19
T 20	6 49 24	14°17'47	15°46	20°21	29°24	13°57	27°31	5° 7	29°31	28°20	4°17	22° 9	22° 2	20°31	n.a.	T 20
F 21	6 53 20	15°17'41	28°14	21°45	0♓29	14° 5	27°33	5°13	29°33	28°18	4°16	22° 9	21°59	20°38	n.a.	F 21
S 22	6 57 17	16°17'32	11♉ 5	23°10	1°34	14°14	27°34	5°19	29°36	28°17	4°15	22° 8	21°56	20°44	n.a.	S 22
S 23	7 1 13	17°17'21	24°22	24°37	2°38	14°23	27°35	5°25	29°39	28°15	4°14	22° 5	21°53	20°51	n.a.	S 23
M24	7 5 10	18°17'08	8♊ 9	26° 5	3°42	14°33	27°36	5°31	29°41	28°13	4°14	22° 0	21°50	20°58	n.a.	M24
T 25	7 9 7	19°16'52	22°25	27°34	4°46	14°44	27°37	5°37	29°44	28°12	4°13	21°51	21°47	21° 5	n.a.	T 25
W26	7 13 3	20°16'34	7♋ 7	29° 5	5°49	14°55	27°38	5°42	29°47	28°10	4°12	21°41	21°43	21°11	n.a.	W26
T 27	7 17 0	21°16'14	22° 8	0♑37	6°52	15° 7	27°38	5°48	29°50	28° 8	4°11	21°29	21°40	21°18	n.a.	T 27
F 28	7 20 56	22°15'51	7♌18	2°10	7°55	15°19	27°39	5°54	29°53	28° 7	4°10	21°18	21°37	21°25	n.a.	F 28
S 29	7 24 53	23°15'27	22°27	3°44	8°57	15°32	27°R39	5°59	29°56	28° 5	4° 9	21° 8	21°34	21°31	n.a.	S 29
S 30	7 28 49	24°15'00	7♍24	5°19	9°59	15°45	27°39	6° 5	29°59	28° 4	4° 8	21° 1	21°31	21°38	n.a.	S 30
M31	7 32 46	25♑14'31	22♍ 3	6♑56	11♓ 0	15♉59	27♍39	6♐11	0♓ 1	28♋ 2	4♊ 8	20♈56	21♈27	21♒45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	21n47	4n47	18s34	2n 0	19s34	1s 0	19n 4	3n 0	2n49	1n29	20s30	0n43	12s52	0s47	21n53	1n 5	24n 8	2n41	9n30	9n 8	20s 2		n.a.
S 2	23 52	16 26	4 13	18 53	1 50	19 12	0 56	19 2	3 0	2 47	1 30	20 31	0 43	12 51	0 47	21 53	1 5	24 8	2 41	9 28	9 7	19 59		n.a.
M 3	23 54	10 16	3 23	19 12	1 39	18 50	0 53	19 1	3 0	2 45	1 30	20 32	0 43	12 50	0 47	21 54	1 5	24 8	2 41	9 27	9 6	19 57		n.a.
T 4	23 55	3 43	2 22	19 32	1 28	18 27	0 49	18 59	2 59	2 43	1 30	20 34	0 43	12 50	0 47	21 54	1 5	24 8	2 41	9 27	9 5	19 54		n.a.
W 5	23 56	2s53	1 14	19 53	1 18	18 4	0 45	18 58	2 59	2 42	1 30	20 35	0 43	12 49	0 47	21 54	1 5	24 8	2 41	9 27	9 3	19 52		n.a.
T 6	23 56	9 14	0 3	20 13	1 7	17 40	0 41	18 57	2 59	2 40	1 31	20 36	0 43	12 48	0 47	21 55	1 5	24 7	2 41	9 27	9 2	19 49		n.a.
F 7	23 55	15 4	1s 7	20 34	0 57	17 16	0 38	18 56	2 58	2 39	1 31	20 38	0 43	12 47	0 47	21 55	1 5	24 7	2 41	9 27	9 1	19 47		n.a.
S 8	23 54	20 8	2 12	20 55	0 47	16 52	0 34	18 55	2 58	2 37	1 31	20 39	0 43	12 46	0 47	21 55	1 6	24 7	2 41	9 26	9 0	19 44		n.a.
S 9	23 53	24 11	3 10	21 16	0 37	16 27	0 29	18 55	2 57	2 36	1 31	20 40	0 43	12 46	0 47	21 56	1 6	24 7	2 42	9 24	8 59	19 42		n.a.
M10	23 51	27 0	3 56	21 36	0 27	16 2	0 25	18 55	2 57	2 35	1 32	20 42	0 43	12 45	0 47	21 56	1 6	24 7	2 42	9 20	8 57	19 39		n.a.
T 11	23 49	28 25	4 31	21 56	0 18	15 37	0 21	18 54	2 56	2 34	1 32	20 43	0 43	12 44	0 47	21 56	1 6	24 7	2 42	9 16	8 56	19 37		n.a.
W12	23 46	28 24	4 53	22 16	0 9	15 11	0 17	18 55	2 56	2 33	1 32	20 44	0 43	12 43	0 47	21 57	1 6	24 6	2 42	9 11	8 55	19 34		n.a.
T 13	23 43	27 0	5 0	22 36	0s 0	14 45	0 12	18 55	2 55	2 32	1 32	20 45	0 43	12 42	0 46	21 57	1 6	24 6	2 42	9 6	8 54	19 31		n.a.
F 14	23 40	24 22	4 54	22 54	0 9	14 18	0 8	18 56	2 54	2 31	1 33	20 47	0 43	12 41	0 46	21 57	1 6	24 6	2 42	9 1	8 53	19 29		n.a.
S 15	23 36	20 42	4 36	23 12	0 18	13 52	0 3	18 56	2 54	2 30	1 33	20 48	0 42	12 40	0 46	21 58	1 6	24 6	2 42	8 56	8 51	19 26		n.a.
S 16	23 31	16 15	4 5	23 30	0 26	13 25	0n 2	18 57	2 53	2 29	1 33	20 49	0 42	12 39	0 46	21 58	1 6	24 6	2 42	8 53	8 50	19 24		n.a.
M17	23 26	11 12	3 24	23 46	0 34	12 58	0 6	18 59	2 53	2 28	1 33	20 50	0 42	12 39	0 46	21 58	1 6	24 5	2 42	8 50	8 49	19 21		n.a.
T 18	23 21	5 44	2 34	24 2	0 42	12 30	0 11	19 0	2 52	2 28	1 34	20 51	0 42	12 38	0 46	21 59	1 6	24 5	2 42	8 49	8 48	19 18		n.a.
W19	23 15	0 1	1 37	24 17	0 49	12 3	0 16	19 1	2 51	2 27	1 34	20 53	0 42	12 37	0 46	21 59	1 6	24 5	2 42	8 48	8 46	19 16		n.a.
T 20	23 9	5n49	0 34	24 30	0 56	11 35	0 21	19 3	2 51	2 26	1 34	20 54	0 42	12 36	0 46	21 59	1 6	24 5	2 42	8 48	8 45	19 13		n.a.
F 21	23 2	11 34	0n32	24 43	1 3	11 7	0 26	19 5	2 50	2 26	1 34	20 55	0 42	12 35	0 46	22 0	1 6	24 5	2 42	8 48	8 44	19 11		n.a.
S 22	22 55	17 1	1 38	24 54	1 10	10 39	0 31	19 7	2 49	2 26	1 35	20 56	0 42	12 34	0 46	22 0	1 6	24 5	2 42	8 47	8 43	19 8		n.a.
S 23	22 47	21 51	2 41	25 5	1 16	10 11	0 36	19 9	2 49	2 25	1 35	20 57	0 42	12 33	0 46	22 0	1 6	24 4	2 42	8 46	8 42	19 5		n.a.
M24	22 39	25 41	3 37	25 14	1 22	9 42	0 42	19 12	2 48	2 25	1 35	20 58	0 42	12 32	0 46	22 1	1 6	24 4	2 42	8 44	8 40	19 3		n.a.
T 25	22 31	28 4	4 22	25 22	1 27	9 14	0 47	19 14	2 47	2 25	1 35	20 59	0 42	12 31	0 46	22 1	1 6	24 4	2 42	8 41	8 39	19 0		n.a.
W26	22 22	28 34	4 50	25 28	1 33	8 45	0 52	19 17	2 46	2 25	1 36	21 0	0 42	12 30	0 46	22 2	1 6	24 4	2 42	8 37	8 38	18 57		n.a.
T 27	22 12	27 0	5 0	25 33	1 37	8 17	0 58	19 20	2 46	2 25	1 36	21 1	0 42	12 29	0 46	22 2	1 6	24 4	2 42	8 33	8 37	18 55		n.a.
F 28	22 3	23 28	4 48	25 37	1 42	7 48	1 3	19 23	2 45	2 25	1 36	21 2	0 42	12 28	0 46	22 2	1 6	24 4	2 42	8 28	8 36	18 52		n.a.
S 29	21 53	18 21	4 17	25 39	1 46	7 19	1 9	19 26	2 44	2 25	1 36	21 3	0 42	12 27	0 46	22 3	1 6	24 4	2 42	8 25	8 34	18 50		n.a.
S 30	21 42	12 10	3 28	25 39	1 50	6 50	1 15	19 29	2 43	2 26	1 37	21 4	0 42	12 25	0 46	22 3	1 6	24 3	2 42	8 22	8 33	18 47		n.a.
M31	21s31	5n27	2n26	25s38	1s53	6s21	1n20	19n33	2n43	2n26	1n37	21s 5	0n42	12s24	0s46	22n 3	1n 6	24n 3	2n42	8n20	8n32	18s44		n.a.

Julian Day Number = 985079.5, Delta T = 13h09m12s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'59, Lahiri = -31°44'59 Julian Calendar 1 Jan. 2016 BCE == Greg. Calendar 15 Dec. 2017 BCE

The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

FEBRUARY 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 36 42	26♉14'00	6♎18	8♉34	12♓ 2	16♉13	27°R38	6♐16	0♓ 4	28°R 0	4°R 7	20°R54	21♈24	21♒52	n.a.	T 1
W 2	7 40 39	27°13'27	20° 9	10°13	13° 2	16°28	27♍38	6°21	0° 7	27♋59	4♊ 6	20♈54	21°21	21°58	n.a.	W 2
T 3	7 44 36	28°12'53	3♏37	11°54	14° 3	16°43	27°37	6°27	0°10	27°57	4° 5	20°54	21°18	22° 5	n.a.	T 3
F 4	7 48 32	29°12'16	16°45	13°36	15° 3	16°59	27°36	6°32	0°13	27°55	4° 5	20°53	21°15	22°12	n.a.	F 4
S 5	7 52 29	0♒11'38	29°35	15°19	16° 2	17°15	27°35	6°37	0°17	27°54	4° 4	20°50	21°12	22°18	n.a.	S 5
S 6	7 56 25	1°10'57	12♐10	17° 3	17° 2	17°31	27°33	6°42	0°20	27°52	4° 3	20°44	21° 8	22°25	n.a.	S 6
M 7	8 0 22	2°10'15	24°34	18°49	18° 0	17°48	27°32	6°47	0°23	27°50	4° 3	20°36	21° 5	22°32	n.a.	M 7
T 8	8 4 18	3° 9'31	6♉49	20°36	18°58	18° 6	27°30	6°52	0°26	27°49	4° 2	20°25	21° 2	22°38	n.a.	T 8
W 9	8 8 15	4° 8'44	18°56	22°24	19°56	18°24	27°28	6°57	0°29	27°47	4° 2	20°12	20°59	22°45	n.a.	W 9
T 10	8 12 11	5° 7'55	0♒57	24°14	20°53	18°42	27°26	7° 2	0°32	27°45	4° 1	19°58	20°56	22°52	n.a.	T 10
F 11	8 16 8	6° 7'05	12°53	26° 5	21°50	19° 0	27°24	7° 7	0°35	27°44	4° 1	19°44	20°53	22°59	n.a.	F 11
S 12	8 20 4	7° 6'11	24°44	27°57	22°46	19°19	27°21	7°12	0°39	27°42	4° 0	19°32	20°49	23° 5	n.a.	S 12
S 13	8 24 1	8° 5'16	6♓34	29°51	23°42	19°39	27°18	7°16	0°42	27°40	4° 0	19°22	20°46	23°12	n.a.	S 13
M14	8 27 58	9° 4'18	18°23	1♒46	24°37	19°59	27°16	7°21	0°45	27°39	3°59	19°15	20°43	23°19	n.a.	M14
T 15	8 31 54	10° 3'18	0♈16	3°42	25°31	20°19	27°12	7°25	0°48	27°37	3°59	19°11	20°40	23°25	n.a.	T 15
W16	8 35 51	11° 2'15	12°15	5°40	26°25	20°39	27° 9	7°30	0°51	27°36	3°58	19°10	20°37	23°32	n.a.	W16
T 17	8 39 47	12° 1'10	24°25	7°39	27°18	21° 0	27° 6	7°34	0°55	27°34	3°58	19°D 9	20°33	23°39	n.a.	T 17
F 18	8 43 44	13° 0'02	6♉50	9°39	28°11	21°21	27° 2	7°38	0°58	27°32	3°58	19°R10	20°30	23°45	n.a.	F 18
S 19	8 47 40	13°58'52	19°37	11°40	29° 3	21°43	26°59	7°43	1° 1	27°31	3°57	19°10	20°27	23°52	n.a.	S 19
S 20	8 51 37	14°57'40	2♊48	13°42	29°54	22° 4	26°55	7°47	1° 5	27°29	3°57	19° 8	20°24	23°59	n.a.	S 20
M21	8 55 33	15°56'25	16°29	15°45	0♈44	22°27	26°51	7°51	1° 8	27°28	3°57	19° 5	20°21	24° 6	n.a.	M21
T 22	8 59 30	16°55'08	0♋39	17°50	1°34	22°49	26°47	7°55	1°11	27°26	3°56	18°59	20°18	24°12	n.a.	T 22
W23	9 3 26	17°53'48	15°17	19°54	2°22	23°12	26°42	7°59	1°15	27°25	3°56	18°51	20°14	24°19	n.a.	W23
T 24	9 7 23	18°52'26	0♌18	22° 0	3°10	23°35	26°38	8° 2	1°18	27°23	3°56	18°42	20°11	24°26	n.a.	T 24
F 25	9 11 20	19°51'02	15°34	24° 5	3°57	23°58	26°33	8° 6	1°21	27°22	3°56	18°33	20° 8	24°32	n.a.	F 25
S 26	9 15 16	20°49'36	0♍53	26°11	4°44	24°22	26°28	8°10	1°25	27°20	3°56	18°26	20° 5	24°39	n.a.	S 26
S 27	9 19 13	21°48'07	16° 4	28°17	5°29	24°45	26°23	8°13	1°28	27°19	3°55	18°20	20° 2	24°46	n.a.	S 27
M28	9 23 9	22♒46'37	0♎58	0♓22	6♈13	25♉10	26♍18	8♐17	1♓32	27♋17	3♊55	18♈16	19♈58	24♒52	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s20	1 s23	1n16	25 s35	1 s56	5 s52	1n26	19n36	2n42	2n26	1n37	21 s 6	0n42	12 s23	0 s46	22n 4	1n 6	24n 3	2n42	8n19	8n31	18 s42		n.a.
W 2	21 8	7 58	0 4	25 30	1 59	5 23	1 32	19 40	2 41	2 27	1 37	21 7	0 42	12 22	0 46	22 4	1 6	24 3	2 42	8 19	8 30	18 39		n.a.
T 3	20 56	14 1	1 s 7	25 23	2 1	4 54	1 38	19 44	2 40	2 27	1 38	21 8	0 42	12 21	0 46	22 4	1 6	24 3	2 42	8 19	8 28	18 36		n.a.
F 4	20 44	19 17	2 12	25 15	2 3	4 25	1 44	19 48	2 40	2 28	1 38	21 9	0 42	12 20	0 46	22 5	1 6	24 3	2 42	8 19	8 27	18 33		n.a.
S 5	20 31	23 33	3 9	25 5	2 4	3 56	1 50	19 52	2 39	2 29	1 38	21 10	0 42	12 19	0 46	22 5	1 6	24 3	2 42	8 18	8 26	18 31		n.a.
S 6	20 18	26 36	3 56	24 53	2 5	3 27	1 56	19 56	2 38	2 29	1 38	21 11	0 42	12 18	0 46	22 5	1 6	24 3	2 42	8 15	8 25	18 28		n.a.
M 7	20 5	28 19	4 30	24 38	2 5	2 59	2 2	20 0	2 37	2 30	1 39	21 12	0 42	12 17	0 46	22 6	1 6	24 2	2 42	8 12	8 23	18 25		n.a.
T 8	19 51	28 36	4 52	24 22	2 5	2 30	2 8	20 4	2 37	2 31	1 39	21 13	0 42	12 15	0 46	22 6	1 6	24 2	2 42	8 8	8 22	18 23		n.a.
W 9	19 37	27 30	5 0	24 4	2 4	2 1	2 14	20 9	2 36	2 32	1 39	21 14	0 42	12 14	0 46	22 6	1 6	24 2	2 42	8 3	8 21	18 20		n.a.
T 10	19 22	25 8	4 55	23 44	2 3	1 33	2 20	20 13	2 35	2 33	1 39	21 15	0 42	12 13	0 46	22 7	1 6	24 2	2 42	7 58	8 20	18 17		n.a.
F 11	19 8	21 42	4 37	23 21	2 2	1 4	2 26	20 18	2 34	2 34	1 39	21 15	0 42	12 12	0 46	22 7	1 6	24 2	2 42	7 52	8 19	18 15		n.a.
S 12	18 52	17 24	4 6	22 56	1 59	0 36	2 32	20 22	2 34	2 36	1 40	21 16	0 42	12 11	0 46	22 7	1 6	24 2	2 42	7 48	8 17	18 12		n.a.
S 13	18 37	12 27	3 25	22 30	1 57	0 8	2 38	20 27	2 33	2 37	1 40	21 17	0 42	12 10	0 46	22 8	1 6	24 2	2 42	7 44	8 16	18 9		n.a.
M14	18 21	7 4	2 36	22 1	1 53	0n20	2 45	20 32	2 32	2 38	1 40	21 18	0 42	12 8	0 46	22 8	1 6	24 2	2 42	7 41	8 15	18 6		n.a.
T 15	18 5	1 24	1 39	21 30	1 50	0 47	2 51	20 37	2 31	2 40	1 40	21 19	0 42	12 7	0 46	22 8	1 6	24 2	2 42	7 40	8 14	18 4		n.a.
W16	17 49	4n22	0 37	20 56	1 45	1 15	2 57	20 42	2 31	2 41	1 40	21 19	0 42	12 6	0 46	22 9	1 6	24 2	2 42	7 39	8 12	18 1		n.a.
T 17	17 32	10 5	0n28	20 21	1 40	1 42	3 3	20 47	2 30	2 43	1 41	21 20	0 42	12 5	0 46	22 9	1 6	24 2	2 42	7 39	8 11	17 58		n.a.
F 18	17 15	15 32	1 33	19 43	1 35	2 9	3 10	20 52	2 29	2 44	1 41	21 21	0 42	12 4	0 46	22 9	1 6	24 1	2 42	7 39	8 10	17 55		n.a.
S 19	16 58	20 28	2 35	19 3	1 29	2 36	3 16	20 57	2 28	2 46	1 41	21 22	0 42	12 2	0 46	22 10	1 6	24 1	2 42	7 39	8 9	17 53		n.a.
S 20	16 41	24 35	3 31	18 21	1 22	3 2	3 22	21 2	2 28	2 48	1 41	21 22	0 42	12 1	0 46	22 10	1 6	24 1	2 42	7 39	8 8	17 50		n.a.
M21	16 23	27 29	4 17	17 37	1 15	3 29	3 29	21 7	2 27	2 49	1 41	21 23	0 42	12 0	0 46	22 10	1 6	24 1	2 42	7 37	8 6	17 47		n.a.
T 22	16 5	28 44	4 49	16 52	1 7	3 54	3 35	21 12	2 26	2 51	1 42	21 24	0 42	11 59	0 46	22 11	1 6	24 1	2 42	7 35	8 5	17 44		n.a.
W23	15 47	28 3	5 3	16 4	0 58	4 20	3 41	21 18	2 25	2 53	1 42	21 24	0 41	11 58	0 46	22 11	1 6	24 1	2 42	7 32	8 4	17 42		n.a.
T 24	15 28	25 20	4 58	15 14	0 50	4 45	3 48	21 23	2 25	2 55	1 42	21 25	0 41	11 56	0 46	22 11	1 6	24 1	2 42	7 28	8 3	17 39		n.a.
F 25	15 10	20 48	4 31	14 24	0 40	5 10	3 54	21 28	2 24	2 57	1 42	21 25	0 41	11 55	0 46	22 12	1 6	24 1	2 42	7 25	8 2	17 36		n.a.
S 26	14 51	14 53	3 45	13 31	0 30	5 34	4 0	21 33	2 23	2 59	1 42	21 26	0 41	11 54	0 46	22 12	1 6	24 1	2 42	7 22	8 0	17 33		n.a.
S 27	14 32	8 6	2 43	12 38	0 20	5 58	4 6	21 39	2 23	3 2	1 42	21 27	0 41	11 53	0 46	22 12	1 6	24 1	2 42	7 20	7 59	17 30		n.a.
M28	14 s12	1n 0	1n31	11 s43	0 s 9	6n22	4n12	21n44	2n22	3n 4	1n43	21 s27	0n41	11 s51	0 s46	22n13	1n 6	24n 1	2n42	7n18	7n58	17 s28		n.a.

Julian Day Number = 985110.5, Delta T = 13h09m10s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'55, Lahiri = -31°44'55 Julian Calendar 1 Feb. 2016 BCE == Greg. Calendar 15 Jan. 2016 BCE

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

MARCH 2016 BCE (-2015) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 27 6	23♒45'04	15♎28	2♓26	6♈56	25♉34	26°R13	8♐20	1♓35	27°R16	3°R55	18°D15	19♈55	24♒59	n.a.	T 1
W 2	9 31 2	24°43'30	29°31	4°29	7°39	25°59	26♍ 7	8°24	1°38	27♋14	3♊55	18♈16	19°52	25° 6	n.a.	W 2
T 3	9 34 59	25°41'54	13♏ 7	6°31	8°20	26°23	26° 2	8°27	1°42	27°13	3°55	18°16	19°49	25°13	n.a.	T 3
F 4	9 38 55	26°40'17	26°18	8°31	9° 0	26°49	25°56	8°30	1°45	27°11	3°D55	18°R17	19°46	25°19	n.a.	F 4
S 5	9 42 52	27°38'38	9♐ 7	10°28	9°39	27°14	25°50	8°33	1°49	27°10	3°55	18°16	19°43	25°26	n.a.	S 5
S 6	9 46 48	28°36'57	21°39	12°24	10°17	27°40	25°44	8°36	1°52	27° 9	3°55	18°14	19°39	25°33	n.a.	S 6
M 7	9 50 45	29°35'14	3♑56	14°17	10°53	28° 5	25°38	8°39	1°56	27° 7	3°55	18° 9	19°36	25°39	n.a.	M 7
T 8	9 54 42	0♓33'30	16° 2	16° 6	11°29	28°31	25°32	8°42	1°59	27° 6	3°55	18° 2	19°33	25°46	n.a.	T 8
W 9	9 58 38	1°31'43	28° 1	17°53	12° 3	28°58	25°26	8°44	2° 2	27° 5	3°55	17°54	19°30	25°53	n.a.	W 9
T 10	10 2 35	2°29'55	9♒55	19°36	12°35	29°24	25°20	8°47	2° 6	27° 3	3°56	17°46	19°27	25°59	n.a.	T 10
F 11	10 6 31	3°28'06	21°46	21°15	13° 6	29°51	25°13	8°49	2° 9	27° 2	3°56	17°37	19°24	26° 6	n.a.	F 11
S 12	10 10 28	4°26'14	3♓36	22°50	13°36	0♊18	25° 6	8°52	2°13	27° 1	3°56	17°29	19°20	26°13	n.a.	S 12
S 13	10 14 24	5°24'20	15°27	24°21	14° 4	0°45	25° 0	8°54	2°16	27° 0	3°56	17°23	19°17	26°20	n.a.	S 13
M14	10 18 21	6°22'24	27°20	25°49	14°31	1°12	24°53	8°56	2°20	26°58	3°56	17°19	19°14	26°26	n.a.	M14
T 15	10 22 17	7°20'27	9♈18	27°11	14°56	1°40	24°46	8°59	2°23	26°57	3°57	17°17	19°11	26°33	n.a.	T 15
W16	10 26 14	8°18'27	21°23	28°30	15°19	2° 8	24°39	9° 1	2°26	26°56	3°57	17°D17	19° 8	26°40	n.a.	W16
T 17	10 30 10	9°16'26	3♉39	29°44	15°40	2°36	24°32	9° 3	2°30	26°55	3°57	17°18	19° 4	26°46	n.a.	T 17
F 18	10 34 7	10°14'23	16° 9	0♈53	16° 0	3° 4	24°25	9° 4	2°33	26°54	3°58	17°20	19° 1	26°53	n.a.	F 18
S 19	10 38 4	11°12'17	28°57	1°58	16°17	3°32	24°18	9° 6	2°37	26°53	3°58	17°21	18°58	27° 0	n.a.	S 19
S 20	10 42 0	12°10'10	12♊ 6	2°58	16°33	4° 1	24°10	9° 8	2°40	26°52	3°58	17°R22	18°55	27° 6	n.a.	S 20
M21	10 45 57	13° 8'01	25°40	3°54	16°47	4°29	24° 3	9° 9	2°43	26°51	3°59	17°21	18°52	27°13	n.a.	M21
T 22	10 49 53	14° 5'49	9♋40	4°44	16°58	4°58	23°56	9°11	2°47	26°50	3°59	17°19	18°49	27°20	n.a.	T 22
W23	10 53 50	15° 3'36	24° 6	5°30	17° 8	5°27	23°48	9°12	2°50	26°49	4° 0	17°16	18°45	27°27	n.a.	W23
T 24	10 57 46	16° 1'21	8♌54	6°10	17°15	5°56	23°41	9°14	2°54	26°48	4° 0	17°11	18°42	27°33	n.a.	T 24
F 25	11 1 43	16°59'04	23°58	6°46	17°20	6°26	23°33	9°15	2°57	26°47	4° 1	17° 7	18°39	27°40	n.a.	F 25
S 26	11 5 39	17°56'45	9♍ 9	7°16	17°22	6°55	23°26	9°16	3° 0	26°46	4° 1	17° 3	18°36	27°47	n.a.	S 26
S 27	11 9 36	18°54'25	24°18	7°42	17°R23	7°25	23°18	9°17	3° 4	26°45	4° 2	17° 1	18°33	27°53	n.a.	S 27
M28	11 13 33	19°52'03	9♎14	8° 2	17°21	7°55	23°11	9°18	3° 7	26°44	4° 3	16°59	18°30	28° 0	n.a.	M28
T 29	11 17 29	20°49'40	23°51	8°18	17°16	8°25	23° 3	9°19	3°10	26°43	4° 3	16°D59	18°26	28° 7	n.a.	T 29
W30	11 21 26	21°47'15	8♏ 3	8°28	17° 9	8°55	22°55	9°19	3°13	26°42	4° 4	17° 0	18°23	28°13	n.a.	W30
T 31	11 25 22	22♓44'49	21♏49	8♈33	17♈ 0	9♊25	22♍48	9♐20	3♓17	26♋42	4♊ 4	17♈ 2	18♈20	28♒20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13s53	5s59	0n15	10s48	0n 2	6n45	4n18	21n49	2n21	3n 6	1n43	21s28	0n41	11s50	0s46	22n13	1n 6	24n 1	2n42	7n18	7n57	17s25			n.a.
W 2	13 33	12 28	1s 0	9 52	0 13	7 8	4 24	21 55	2 20	3 8	1 43	21 28	0 41	11 49	0 46	22 13	1 6	24 1	2 42	7 18	7 55	17 22			n.a.
T 3	13 13	18 9	2 9	8 56	0 24	7 30	4 30	22 0	2 20	3 11	1 43	21 29	0 41	11 48	0 46	22 13	1 6	24 1	2 42	7 18	7 54	17 19			n.a.
F 4	12 53	22 47	3 10	8 0	0 36	7 51	4 36	22 5	2 19	3 13	1 43	21 29	0 41	11 46	0 46	22 14	1 6	24 1	2 42	7 19	7 53	17 16			n.a.
S 5	12 32	26 12	3 59	7 4	0 47	8 12	4 42	22 11	2 18	3 16	1 43	21 30	0 41	11 45	0 45	22 14	1 6	24 1	2 42	7 18	7 52	17 14			n.a.
S 6	12 12	28 14	4 35	6 9	0 58	8 33	4 48	22 16	2 17	3 18	1 43	21 30	0 41	11 44	0 45	22 14	1 6	24 1	2 42	7 17	7 51	17 11			n.a.
M 7	11 51	28 50	4 58	5 14	1 10	8 53	4 54	22 21	2 17	3 21	1 44	21 31	0 41	11 43	0 45	22 14	1 6	24 1	2 42	7 15	7 49	17 8			n.a.
T 8	11 30	28 1	5 7	4 21	1 21	9 12	4 59	22 27	2 16	3 23	1 44	21 31	0 41	11 41	0 45	22 15	1 6	24 1	2 42	7 13	7 48	17 5			n.a.
W 9	11 9	25 55	5 2	3 29	1 32	9 31	5 5	22 32	2 15	3 26	1 44	21 32	0 41	11 40	0 45	22 15	1 6	24 1	2 42	7 10	7 47	17 2			n.a.
T 10	10 48	22 41	4 45	2 38	1 42	9 49	5 10	22 37	2 15	3 29	1 44	21 32	0 41	11 39	0 45	22 15	1 6	24 1	2 42	7 6	7 46	16 59			n.a.
F 11	10 26	18 33	4 15	1 50	1 52	10 6	5 16	22 43	2 14	3 31	1 44	21 33	0 41	11 38	0 45	22 15	1 6	24 1	2 42	7 3	7 44	16 57			n.a.
S 12	10 5	13 42	3 34	1 3	2 2	10 23	5 21	22 48	2 13	3 34	1 44	21 33	0 41	11 36	0 45	22 16	1 6	24 1	2 42	7 0	7 43	16 54			n.a.
S 13	9 43	8 21	2 44	0 18	2 11	10 39	5 26	22 53	2 13	3 37	1 44	21 33	0 41	11 35	0 45	22 16	1 6	24 1	2 42	6 58	7 42	16 51			n.a.
M14	9 21	2 42	1 46	0n25	2 19	10 54	5 31	22 58	2 12	3 40	1 44	21 34	0 41	11 34	0 45	22 16	1 6	24 1	2 42	6 56	7 41	16 48			n.a.
T 15	8 59	3n 6	0 43	1 6	2 27	11 8	5 36	23 3	2 11	3 43	1 44	21 34	0 41	11 33	0 45	22 16	1 6	24 1	2 42	6 55	7 39	16 45			n.a.
W16	8 37	8 51	0n22	1 44	2 34	11 21	5 40	23 8	2 10	3 45	1 44	21 34	0 41	11 31	0 45	22 17	1 6	24 1	2 42	6 55	7 38	16 42			n.a.
T 17	8 15	14 22	1 28	2 20	2 40	11 34	5 44	23 13	2 10	3 48	1 44	21 35	0 41	11 30	0 45	22 17	1 6	24 1	2 42	6 56	7 37	16 39			n.a.
F 18	7 53	19 25	2 31	2 53	2 46	11 45	5 49	23 18	2 9	3 51	1 44	21 35	0 41	11 29	0 45	22 17	1 6	24 2	2 42	6 56	7 36	16 37			n.a.
S 19	7 31	23 42	3 28	3 23	2 50	11 56	5 52	23 23	2 8	3 54	1 44	21 35	0 41	11 28	0 45	22 17	1 6	24 2	2 42	6 57	7 35	16 34			n.a.
S 20	7 8	26 55	4 15	3 51	2 54	12 5	5 56	23 28	2 8	3 57	1 45	21 36	0 41	11 26	0 45	22 17	1 6	24 2	2 42	6 57	7 33	16 31			n.a.
M21	6 45	28 41	4 50	4 16	2 57	12 14	5 59	23 33	2 7	4 0	1 45	21 36	0 41	11 25	0 46	22 18	1 6	24 2	2 42	6 57	7 32	16 28			n.a.
T 22	6 23	28 43	5 9	4 39	2 59	12 21	6 2	23 38	2 6	4 3	1 45	21 36	0 41	11 24	0 46	22 18	1 6	24 2	2 42	6 56	7 31	16 25			n.a.
W23	6 0	26 49	5 10	4 58	3 0	12 27	6 5	23 43	2 6	4 6	1 45	21 36	0 41	11 23	0 46	22 18	1 6	24 2	2 42	6 55	7 30	16 22			n.a.
T 24	5 37	23 3	4 50	5 14	2 59	12 33	6 8	23 47	2 5	4 9	1 45	21 37	0 41	11 21	0 46	22 18	1 6	24 2	2 42	6 53	7 28	16 19			n.a.
F 25	5 14	17 44	4 10	5 27	2 58	12 36	6 10	23 52	2 4	4 12	1 45	21 37	0 41	11 20	0 46	22 18	1 6	24 2	2 42	6 51	7 27	16 16			n.a.
S 26	4 52	11 16	3 12	5 38	2 56	12 39	6 11	23 56	2 4	4 15	1 45	21 37	0 41	11 19	0 46	22 18	1 6	24 2	2 42	6 50	7 26	16 13			n.a.
S 27	4 29	4 10	2 1	5 45	2 53	12 40	6 13	24 1	2 3	4 18	1 45	21 37	0 41	11 18	0 46	22 19	1 6	24 2	2 42	6 49	7 25	16 11			n.a.
M28	4 6	3s 5	0 42	5 49	2 48	12 40	6 14	24 5	2 2	4 21	1 44	21 37	0 41	11 16	0 46	22 19	1 6	24 2	2 42	6 48	7 23	16 8			n.a.
T 29	3 42	10 1	0s38	5 50	2 43	12 39	6 14	24 10	2 2	4 24	1 44	21 37	0 41	11 15	0 46	22 19	1 6	24 3	2 42	6 48	7 22	16 5			n.a.
W30	3 19	16 16	1 53	5 48	2 36	12 36	6 14	24 14	2 1	4 27	1 44	21 38	0 41	11 14	0 46	22 19	1 6	24 3	2 42	6 49	7 21	16 2			n.a.
T 31	2s56	21s29	3s 0	5n43	2n28	12n32	6n13	24n18	2n 0	4n30	1n44	21s38	0n41	11s13	0s46	22n19	1n 6	24n 3	2n42	6n49	7n20	15s59			n.a.

Julian Day Number = 985138.5, Delta T = 13h09m08s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'51, Lahiri = -31°44'51 Julian Calendar 1 March 2016 BCE == Greg. Calendar 12 Feb. 2016 BCE

The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

APRIL 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 29 19	23♓42'22	5♐ 7	8°R34	16°R48	9♊55	22°R40	9♐21	3♓20	26°R41	4♊ 5	17♈ 3	18♈17	28♒27	n.a.	F 1
S 2	11 33 15	24°39'54	18° 2	8♈29	16♈34	10°26	22♍32	9°21	3°23	26♋40	4° 6	17° 4	18°14	28°33	n.a.	S 2
S 3	11 37 12	25°37'25	0♉35	8°20	16°17	10°57	22°25	9°21	3°27	26°40	4° 7	17°R 4	18°10	28°40	n.a.	S 3
M 4	11 41 8	26°34'55	12°52	8° 7	15°58	11°28	22°17	9°22	3°30	26°39	4° 7	17° 3	18° 7	28°47	n.a.	M 4
T 5	11 45 5	27°32'24	24°56	7°50	15°37	11°58	22°10	9°22	3°33	26°38	4° 8	17° 1	18° 4	28°54	n.a.	T 5
W 6	11 49 2	28°29'52	6♒52	7°29	15°14	12°30	22° 2	9°R22	3°36	26°38	4° 9	16°59	18° 1	29° 0	n.a.	W 6
T 7	11 52 58	29°27'18	18°43	7° 5	14°48	13° 1	21°54	9°22	3°39	26°37	4°10	16°56	17°58	29° 7	n.a.	T 7
F 8	11 56 55	0♈24'44	0♓32	6°37	14°21	13°32	21°47	9°21	3°43	26°37	4°11	16°54	17°55	29°14	n.a.	F 8
S 9	12 0 51	1°22'08	12°23	6° 7	13°52	14° 4	21°40	9°21	3°46	26°36	4°11	16°51	17°51	29°20	n.a.	S 9
S 10	12 4 48	2°19'32	24°18	5°36	13°21	14°35	21°32	9°21	3°49	26°36	4°12	16°50	17°48	29°27	n.a.	S 10
M11	12 8 44	3°16'54	6♈19	5° 3	12°48	15° 7	21°25	9°20	3°52	26°35	4°13	16°49	17°45	29°34	n.a.	M11
T 12	12 12 41	4°14'15	18°27	4°29	12°14	15°39	21°17	9°20	3°55	26°35	4°14	16°D48	17°42	29°40	n.a.	T 12
W13	12 16 37	5°11'35	0♉45	3°55	11°39	16°11	21°10	9°19	3°58	26°34	4°15	16°49	17°39	29°47	n.a.	W13
T 14	12 20 34	6° 8'54	13°14	3°21	11° 3	16°43	21° 3	9°18	4° 1	26°34	4°16	16°50	17°35	29°54	n.a.	T 14
F 15	12 24 30	7° 6'12	25°57	2°48	10°26	17°15	20°56	9°18	4° 4	26°34	4°17	16°50	17°32	0♓ 0	n.a.	F 15
S 16	12 28 27	8° 3'28	8♊55	2°17	9°48	17°48	20°49	9°17	4° 7	26°33	4°18	16°51	17°29	0° 7	n.a.	S 16
S 17	12 32 24	9° 0'44	22°10	1°48	9°10	18°20	20°42	9°16	4°10	26°33	4°19	16°52	17°26	0°14	n.a.	S 17
M18	12 36 20	9°57'58	5♋44	1°21	8°32	18°53	20°35	9°15	4°13	26°33	4°20	16°R52	17°23	0°20	n.a.	M18
T 19	12 40 17	10°55'11	19°38	0°58	7°55	19°25	20°28	9°13	4°16	26°33	4°21	16°52	17°20	0°27	n.a.	T 19
W20	12 44 13	11°52'23	3♌51	0°37	7°18	19°58	20°22	9°12	4°19	26°32	4°22	16°52	17°16	0°34	n.a.	W20
T 21	12 48 10	12°49'34	18°21	0°20	6°41	20°31	20°15	9°11	4°22	26°32	4°23	16°51	17°13	0°41	n.a.	T 21
F 22	12 52 6	13°46'44	3♍ 4	0° 7	6° 5	21° 4	20° 8	9° 9	4°24	26°32	4°25	16°51	17°10	0°47	n.a.	F 22
S 23	12 56 3	14°43'52	17°54	29♓58	5°31	21°37	20° 2	9° 8	4°27	26°32	4°26	16°51	17° 7	0°54	n.a.	S 23
S 24	13 0 0	15°41'00	2♎46	29°54	4°57	22°10	19°56	9° 6	4°30	26°32	4°27	16°51	17° 4	1° 1	n.a.	S 24
M25	13 3 56	16°38'07	17°30	29°D54	4°26	22°44	19°50	9° 4	4°33	26°D32	4°28	16°51	17° 1	1° 7	n.a.	M25
T 26	13 7 53	17°35'13	2♏ 0	29°58	3°56	23°17	19°44	9° 2	4°35	26°32	4°29	16°51	16°57	1°14	n.a.	T 26
W27	13 11 49	18°32'19	16°11	0♈ 7	3°27	23°51	19°38	9° 0	4°38	26°32	4°31	16°51	16°54	1°21	n.a.	W27
T 28	13 15 46	19°29'25	29°58	0°21	3° 1	24°24	19°32	8°58	4°41	26°32	4°32	16°50	16°51	1°27	n.a.	T 28
F 29	13 19 42	20°26'30	13♐21	0°39	2°37	24°58	19°26	8°56	4°43	26°32	4°33	16°50	16°48	1°34	n.a.	F 29
S 30	13 23 39	21♈23'35	26♐20	1♈ 1	2♈15	25♊32	19♍21	8♐54	4♓46	26♋33	4♊34	16♈50	16♈45	1♓41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s33	25s26	3s54	5n35	2n19	12n26	6n12	24n22	2n 0	4n33	1n44	21s38	0n41	11s12	0s46	22n19	1n 6	24n 3	2n42	6n50	7n19	15s56		n.a.
S 2	2 10	27 57	4 35	5 24	2 9	12 19	6 10	24 26	1 59	4 37	1 44	21 38	0 41	11 10	0 46	22 19	1 6	24 3	2 42	6 50	7 17	15 53		n.a.
S 3	1 46	28 58	5 2	5 10	1 58	12 10	6 8	24 30	1 58	4 40	1 44	21 38	0 41	11 9	0 46	22 20	1 6	24 3	2 42	6 50	7 16	15 50		n.a.
M 4	1 23	28 30	5 14	4 54	1 46	12 0	6 5	24 34	1 58	4 43	1 44	21 38	0 41	11 8	0 46	22 20	1 6	24 3	2 42	6 50	7 15	15 47		n.a.
T 5	1 0	26 41	5 12	4 35	1 33	11 48	6 2	24 37	1 57	4 45	1 44	21 38	0 41	11 7	0 46	22 20	1 6	24 4	2 42	6 49	7 14	15 44		n.a.
W 6	0 37	23 42	4 56	4 13	1 19	11 35	5 57	24 41	1 56	4 48	1 44	21 38	0 41	11 6	0 46	22 20	1 6	24 4	2 42	6 48	7 12	15 41		n.a.
T 7	0 13	19 45	4 28	3 50	1 4	11 21	5 53	24 44	1 56	4 51	1 44	21 38	0 41	11 5	0 46	22 20	1 6	24 4	2 42	6 47	7 11	15 38		n.a.
F 8	0n10	15 3	3 48	3 25	0 48	11 5	5 47	24 48	1 55	4 54	1 44	21 38	0 41	11 3	0 46	22 20	1 6	24 4	2 42	6 46	7 10	15 35		n.a.
S 9	0 33	9 48	2 59	2 58	0 32	10 47	5 41	24 51	1 55	4 57	1 44	21 38	0 41	11 2	0 46	22 20	1 6	24 4	2 42	6 45	7 9	15 32		n.a.
S 10	0 57	4 9	2 1	2 30	0 15	10 29	5 34	24 54	1 54	5 0	1 43	21 38	0 41	11 1	0 46	22 20	1 6	24 4	2 42	6 45	7 7	15 29		n.a.
M11	1 20	1n41	0 58	2 1	0s 1	10 9	5 26	24 57	1 53	5 3	1 43	21 38	0 41	11 0	0 46	22 20	1 6	24 5	2 42	6 44	7 6	15 26		n.a.
T 12	1 43	7 31	0n 9	1 32	0 18	9 47	5 18	25 0	1 53	5 6	1 43	21 38	0 41	10 59	0 46	22 20	1 6	24 5	2 42	6 44	7 5	15 23		n.a.
W13	2 6	13 10	1 16	1 3	0 35	9 25	5 9	25 3	1 52	5 9	1 43	21 38	0 41	10 58	0 46	22 20	1 5	24 5	2 42	6 44	7 4	15 20		n.a.
T 14	2 29	18 22	2 21	0 34	0 52	9 2	5 0	25 6	1 51	5 11	1 43	21 38	0 41	10 57	0 46	22 20	1 5	24 5	2 42	6 45	7 2	15 17		n.a.
F 15	2 52	22 52	3 20	0 6	1 8	8 38	4 49	25 8	1 51	5 14	1 43	21 38	0 41	10 56	0 46	22 20	1 5	24 5	2 42	6 45	7 1	15 14		n.a.
S 16	3 16	26 21	4 10	0s21	1 24	8 13	4 39	25 11	1 50	5 17	1 43	21 37	0 41	10 54	0 46	22 21	1 5	24 6	2 42	6 45	7 0	15 12		n.a.
S 17	3 39	28 29	4 48	0 47	1 40	7 47	4 27	25 13	1 49	5 19	1 42	21 37	0 41	10 53	0 46	22 21	1 5	24 6	2 42	6 45	6 59	15 9		n.a.
M18	4 2	28 59	5 11	1 11	1 54	7 21	4 15	25 16	1 49	5 22	1 42	21 37	0 41	10 52	0 46	22 21	1 5	24 6	2 42	6 46	6 58	15 6		n.a.
T 19	4 24	27 41	5 17	1 34	2 8	6 55	4 3	25 18	1 48	5 25	1 42	21 37	0 41	10 51	0 46	22 21	1 5	24 6	2 42	6 46	6 56	15 3		n.a.
W20	4 47	24 35	5 3	1 54	2 21	6 28	3 51	25 20	1 48	5 27	1 42	21 37	0 41	10 50	0 46	22 21	1 5	24 6	2 42	6 45	6 55	15 0		n.a.
T 21	5 10	19 55	4 31	2 11	2 33	6 1	3 38	25 22	1 47	5 29	1 42	21 37	0 41	10 49	0 46	22 21	1 5	24 7	2 42	6 45	6 54	14 57		n.a.
F 22	5 33	13 59	3 40	2 27	2 44	5 35	3 24	25 23	1 46	5 32	1 41	21 36	0 41	10 48	0 46	22 21	1 5	24 7	2 42	6 45	6 53	14 54		n.a.
S 23	5 55	7 13	2 34	2 39	2 54	5 8	3 11	25 25	1 46	5 34	1 41	21 36	0 41	10 47	0 46	22 21	1 5	24 7	2 42	6 45	6 51	14 50		n.a.
S 24	6 18	0 4	1 17	2 49	3 2	4 42	2 57	25 26	1 45	5 37	1 41	21 36	0 40	10 46	0 46	22 21	1 5	24 7	2 42	6 45	6 50	14 47		n.a.
M25	6 40	7s 4	0s 4	2 56	3 10	4 17	2 43	25 28	1 44	5 39	1 41	21 36	0 40	10 45	0 46	22 21	1 5	24 8	2 42	6 45	6 49	14 44		n.a.
T 26	7 2	13 42	1 23	3 0	3 16	3 52	2 29	25 29	1 44	5 41	1 41	21 35	0 40	10 44	0 46	22 21	1 5	24 8	2 42	6 45	6 48	14 41		n.a.
W27	7 25	19 30	2 36	3 2	3 22	3 28	2 15	25 30	1 43	5 43	1 40	21 35	0 40	10 43	0 46	22 20	1 5	24 8	2 43	6 45	6 46	14 38		n.a.
T 28	7 47	24 5	3 37	3 0	3 26	3 4	2 1	25 31	1 43	5 45	1 40	21 35	0 40	10 42	0 46	22 20	1 5	24 8	2 43	6 45	6 45	14 35		n.a.
F 29	8 9	27 14	4 25	2 56	3 29	2 42	1 47	25 32	1 42	5 47	1 40	21 35	0 40	10 41	0 46	22 20	1 5	24 9	2 43	6 45	6 44	14 32		n.a.
S 30	8n30	28s49	4s57	2s49	3s32	2n20	1n34	25n32	1n41	5n49	1n40	21s34	0n40	10s40	0s46	22n20	1n 5	24n 9	2n43	6n45	6n43	14s29		n.a.

Julian Day Number = 985169.5, Delta T = 13h09m06s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'47, Lahiri = -31°44'47 Julian Calendar 1 Apr. 2016 BCE == Greg. Calendar 15 March 2016 BCE

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

MAY 2016 BCE (-2015) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 27 35	22♈20'39	8♉58	1♈28	1°R55	26♊ 6	19°R15	8°R52	4♓49	26♋33	4♊36	16°R49	16♈41	1♓47	n.a.	S 1
M 2	13 31 32	23°17'44	21°17	2° 0	1♈38	26°40	19♍10	8♐49	4°51	26°33	4°37	16°D49	16°38	1°54	n.a.	M 2
T 3	13 35 29	24°14'48	3♒22	2°35	1°23	27°14	19° 5	8°47	4°54	26°33	4°38	16♈49	16°35	2° 1	n.a.	T 3
W 4	13 39 25	25°11'52	15°18	3°15	1°10	27°48	19° 0	8°44	4°56	26°34	4°40	16°50	16°32	2° 7	n.a.	W 4
T 5	13 43 22	26° 8'57	27° 9	4° 0	1° 0	28°22	18°55	8°42	4°59	26°34	4°41	16°50	16°29	2°14	n.a.	T 5
F 6	13 47 18	27° 6'00	8♓59	4°48	0°52	28°57	18°50	8°39	5° 1	26°34	4°42	16°51	16°26	2°21	n.a.	F 6
S 7	13 51 15	28° 3'04	20°52	5°40	0°47	29°31	18°46	8°36	5° 3	26°35	4°44	16°52	16°22	2°28	n.a.	S 7
S 8	13 55 11	29° 0'08	2♈53	6°37	0°44	0♋ 6	18°42	8°34	5° 6	26°35	4°45	16°53	16°19	2°34	n.a.	S 8
M 9	13 59 8	29°57'12	15° 3	7°37	0°D43	0°41	18°37	8°31	5° 8	26°35	4°46	16°R54	16°16	2°41	n.a.	M 9
T 10	14 3 5	0♉54'15	27°24	8°41	0°45	1°15	18°33	8°28	5°10	26°36	4°48	16°53	16°13	2°48	n.a.	T 10
W11	14 7 1	1°51'19	9♉59	9°49	0°49	1°50	18°29	8°25	5°13	26°36	4°49	16°52	16°10	2°54	n.a.	W11
T 12	14 10 58	2°48'22	22°48	11° 1	0°55	2°25	18°26	8°21	5°15	26°37	4°51	16°51	16° 7	3° 1	n.a.	T 12
F 13	14 14 54	3°45'25	5♊51	12°16	1° 3	3° 0	18°22	8°18	5°17	26°38	4°52	16°49	16° 3	3° 8	n.a.	F 13
S 14	14 18 51	4°42'28	19° 8	13°35	1°14	3°35	18°19	8°15	5°19	26°38	4°54	16°46	16° 0	3°14	n.a.	S 14
S 15	14 22 47	5°39'31	2♋39	14°58	1°26	4°10	18°15	8°12	5°21	26°39	4°55	16°44	15°57	3°21	n.a.	S 15
M16	14 26 44	6°36'34	16°23	16°24	1°41	4°46	18°12	8° 8	5°23	26°39	4°57	16°42	15°54	3°28	n.a.	M16
T 17	14 30 41	7°33'37	0♌19	17°53	1°57	5°21	18°10	8° 5	5°25	26°40	4°58	16°41	15°51	3°34	n.a.	T 17
W18	14 34 37	8°30'39	14°25	19°27	2°15	5°57	18° 7	8° 1	5°27	26°41	5° 0	16°D41	15°47	3°41	n.a.	W18
T 19	14 38 34	9°27'41	28°41	21° 3	2°35	6°32	18° 4	7°58	5°29	26°42	5° 1	16°42	15°44	3°48	n.a.	T 19
F 20	14 42 30	10°24'43	13♍ 3	22°43	2°57	7° 8	18° 2	7°54	5°31	26°42	5° 3	16°43	15°41	3°54	n.a.	F 20
S 21	14 46 27	11°21'45	27°29	24°26	3°21	7°43	18° 0	7°50	5°33	26°43	5° 4	16°44	15°38	4° 1	n.a.	S 21
S 22	14 50 23	12°18'47	11♎55	26°12	3°46	8°19	17°58	7°47	5°34	26°44	5° 6	16°R45	15°35	4° 8	n.a.	S 22
M23	14 54 20	13°15'48	26°16	28° 1	4°12	8°55	17°56	7°43	5°36	26°45	5° 7	16°45	15°32	4°14	n.a.	M23
T 24	14 58 16	14°12'51	10♏28	29°53	4°41	9°31	17°54	7°39	5°38	26°46	5° 9	16°44	15°28	4°21	n.a.	T 24
W25	15 2 13	15° 9'53	24°25	1♑48	5°11	10° 7	17°53	7°35	5°40	26°47	5°11	16°41	15°25	4°28	n.a.	W25
T 26	15 6 10	16° 6'56	8♐ 4	3°46	5°42	10°43	17°52	7°31	5°41	26°48	5°12	16°37	15°22	4°34	n.a.	T 26
F 27	15 10 6	17° 4'00	21°23	5°45	6°14	11°19	17°50	7°27	5°43	26°49	5°14	16°32	15°19	4°41	n.a.	F 27
S 28	15 14 3	18° 1'04	4♑21	7°47	6°48	11°55	17°50	7°23	5°44	26°50	5°15	16°27	15°16	4°48	n.a.	S 28
S 29	15 17 59	18°58'09	16°59	9°50	7°24	12°32	17°49	7°19	5°46	26°51	5°17	16°23	15°13	4°55	n.a.	S 29
M30	15 21 56	19°55'15	29°19	11°55	8° 0	13° 8	17°48	7°15	5°47	26°52	5°19	16°20	15° 9	5° 1	n.a.	M30
T 31	15 25 52	20♉52'22	11♒26	14♉ 2	8♈38	13♋45	17♍48	7♐11	5♓49	26♋53	5♊20	16♈18	15♈ 6	5♓ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	8n52	28s50	5s14	2s39	3s33	2n 0	1n20	25n33	1n41	5n51	1n39	21s34	0n40	10s39	0s46	22n20	1n 5	24n 9	2n43	6n44	6n41	14s26			n.a.
M 2	9 14	27 24	5 16	2 26	3 33	1 41	1 7	25 33	1 40	5 53	1 39	21 34	0 40	10 38	0 46	22 20	1 5	24 9	2 43	6 44	6 40	14 23			n.a.
T 3	9 35	24 43	5 4	2 11	3 32	1 23	0 54	25 33	1 39	5 55	1 39	21 33	0 40	10 37	0 46	22 20	1 5	24 10	2 43	6 44	6 39	14 20			n.a.
W 4	9 57	21 0	4 39	1 53	3 31	1 6	0 41	25 33	1 39	5 57	1 39	21 33	0 40	10 37	0 46	22 20	1 5	24 10	2 43	6 45	6 38	14 17			n.a.
T 5	10 18	16 29	4 2	1 33	3 28	0 50	0 28	25 33	1 38	5 58	1 38	21 33	0 40	10 36	0 46	22 20	1 5	24 10	2 43	6 45	6 36	14 14			n.a.
F 6	10 39	11 22	3 15	1 11	3 25	0 36	0 16	25 33	1 38	6 0	1 38	21 32	0 40	10 35	0 46	22 20	1 5	24 11	2 43	6 45	6 35	14 11			n.a.
S 7	11 0	5 49	2 19	0 46	3 21	0 23	0 4	25 33	1 37	6 2	1 38	21 32	0 40	10 34	0 46	22 20	1 5	24 11	2 43	6 46	6 34	14 8			n.a.
S 8	11 20	0 0	1 17	0 19	3 16	0 11	0s 8	25 32	1 36	6 3	1 38	21 31	0 40	10 33	0 46	22 20	1 5	24 11	2 43	6 46	6 33	14 5			n.a.
M 9	11 41	5n53	0 10	0n11	3 10	0 0	0 19	25 31	1 36	6 5	1 37	21 31	0 40	10 32	0 46	22 20	1 5	24 11	2 43	6 46	6 31	14 2			n.a.
T 10	12 1	11 39	0n58	0 42	3 4	0s 9	0 30	25 30	1 35	6 6	1 37	21 31	0 40	10 31	0 46	22 19	1 5	24 12	2 43	6 46	6 30	13 59			n.a.
W11	12 22	17 4	2 4	1 16	2 57	0 17	0 40	25 29	1 34	6 7	1 37	21 30	0 40	10 31	0 46	22 19	1 5	24 12	2 43	6 46	6 29	13 56			n.a.
T 12	12 42	21 50	3 5	1 51	2 49	0 24	0 50	25 28	1 34	6 8	1 36	21 30	0 40	10 30	0 46	22 19	1 5	24 12	2 43	6 45	6 28	13 53			n.a.
F 13	13 1	25 38	3 58	2 29	2 41	0 29	1 0	25 27	1 33	6 10	1 36	21 29	0 40	10 29	0 47	22 19	1 5	24 13	2 43	6 44	6 26	13 49			n.a.
S 14	13 21	28 7	4 39	3 8	2 32	0 34	1 9	25 25	1 33	6 11	1 36	21 29	0 40	10 28	0 47	22 19	1 5	24 13	2 43	6 43	6 25	13 46			n.a.
S 15	13 41	29 0	5 6	3 49	2 23	0 37	1 19	25 24	1 32	6 12	1 36	21 28	0 40	10 28	0 47	22 19	1 5	24 13	2 43	6 42	6 24	13 43			n.a.
M16	14 0	28 6	5 15	4 32	2 13	0 39	1 27	25 22	1 31	6 13	1 35	21 28	0 40	10 27	0 47	22 19	1 5	24 14	2 43	6 42	6 23	13 40			n.a.
T 17	14 19	25 28	5 6	5 16	2 3	0 40	1 36	25 20	1 31	6 14	1 35	21 27	0 40	10 26	0 47	22 18	1 5	24 14	2 43	6 41	6 21	13 37			n.a.
W18	14 38	21 16	4 39	6 2	1 53	0 40	1 43	25 18	1 30	6 14	1 35	21 27	0 39	10 25	0 47	22 18	1 5	24 14	2 43	6 41	6 20	13 34			n.a.
T 19	14 56	15 49	3 54	6 49	1 42	0 39	1 51	25 15	1 30	6 15	1 34	21 26	0 39	10 25	0 47	22 18	1 5	24 15	2 43	6 42	6 19	13 31			n.a.
F 20	15 15	9 28	2 55	7 37	1 31	0 36	1 58	25 13	1 29	6 16	1 34	21 26	0 39	10 24	0 47	22 18	1 5	24 15	2 43	6 42	6 18	13 28			n.a.
S 21	15 33	2 36	1 44	8 26	1 19	0 33	2 5	25 10	1 28	6 16	1 34	21 25	0 39	10 23	0 47	22 18	1 5	24 15	2 43	6 43	6 16	13 25			n.a.
S 22	15 51	4s24	0 27	9 16	1 8	0 29	2 12	25 7	1 28	6 17	1 33	21 24	0 39	10 23	0 47	22 18	1 5	24 16	2 43	6 43	6 15	13 22			n.a.
M23	16 8	11 9	0s52	10 7	0 56	0 24	2 18	25 4	1 27	6 17	1 33	21 24	0 39	10 22	0 47	22 17	1 5	24 16	2 43	6 43	6 14	13 18			n.a.
T 24	16 26	17 15	2 6	10 58	0 44	0 18	2 24	25 1	1 26	6 18	1 33	21 23	0 39	10 21	0 47	22 17	1 5	24 16	2 43	6 42	6 13	13 15			n.a.
W25	16 43	22 21	3 12	11 50	0 33	0 11	2 30	24 58	1 26	6 18	1 32	21 23	0 39	10 21	0 47	22 17	1 4	24 17	2 43	6 41	6 11	13 12			n.a.
T 26	17 0	26 7	4 5	12 42	0 21	0 3	2 35	24 54	1 25	6 18	1 32	21 22	0 39	10 20	0 47	22 17	1 4	24 17	2 43	6 40	6 10	13 9			n.a.
F 27	17 16	28 21	4 43	13 34	0 9	0n 5	2 40	24 50	1 25	6 18	1 32	21 22	0 39	10 20	0 47	22 17	1 4	24 17	2 43	6 38	6 9	13 6			n.a.
S 28	17 33	28 56	5 5	14 25	0n 2	0 14	2 45	24 46	1 24	6 18	1 31	21 21	0 39	10 19	0 47	22 16	1 4	24 18	2 43	6 36	6 8	13 3			n.a.
S 29	17 49	27 59	5 12	15 16	0 13	0 24	2 49	24 42	1 23	6 18	1 31	21 20	0 39	10 19	0 47	22 16	1 4	24 18	2 44	6 34	6 6	13 0			n.a.
M30	18 5	25 39	5 4	16 6	0 23	0 35	2 53	24 38	1 23	6 18	1 31	21 20	0 39	10 18	0 47	22 16	1 4	24 18	2 44	6 33	6 5	12 57			n.a.
T 31	18n20	22s13	4s43	16n54	0n34	0n47	2s57	24n34	1n22	6n18	1n31	21s19	0n39	10s18	0s47	22n16	1n 4	24n19	2n44	6n32	6n 4	12s53			n.a.

Julian Day Number = 985199.5, Delta T = 13h09m04s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'43, Lahiri = -31°44'43 Julian Calendar 1 May 2016 BCE == Greg. Calendar 14 Apr. 2016 BCE

The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

JUNE 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 29 49	21♉49'29	23♒22	16♉ 9	9♈16	14♋21	17°R48	7°R 6	5♓50	26♋54	5♊22	16°D18	15♈ 3	5♓15	n.a.	W 1
T 2	15 33 46	22°46'37	5♓13	18°17	9°56	14°58	17°D48	7♐ 2	5°51	26°55	5°24	16♈18	15° 0	5°21	n.a.	T 2
F 3	15 37 42	23°43'46	17° 4	20°25	10°37	15°35	17♍48	6°58	5°53	26°57	5°25	16°20	14°57	5°28	n.a.	F 3
S 4	15 41 39	24°40'56	28°59	22°33	11°19	16°11	17°48	6°54	5°54	26°58	5°27	16°21	14°53	5°35	n.a.	S 4
S 5	15 45 35	25°38'07	11♈ 4	24°41	12° 2	16°48	17°49	6°49	5°55	26°59	5°29	16°R22	14°50	5°41	n.a.	S 5
M 6	15 49 32	26°35'19	23°22	26°48	12°46	17°25	17°49	6°45	5°56	27° 0	5°30	16°22	14°47	5°48	n.a.	M 6
T 7	15 53 28	27°32'32	5♉57	28°55	13°31	18° 2	17°50	6°41	5°57	27° 2	5°32	16°21	14°44	5°55	n.a.	T 7
W 8	15 57 25	28°29'45	18°49	1♊ 0	14°16	18°39	17°51	6°36	5°58	27° 3	5°33	16°17	14°41	6° 1	n.a.	W 8
T 9	16 1 21	29°27'00	1♊59	3° 5	15° 3	19°16	17°53	6°32	5°59	27° 4	5°35	16°11	14°38	6° 8	n.a.	T 9
F 10	16 5 18	0♊24'16	15°26	5° 9	15°50	19°54	17°54	6°27	6° 0	27° 6	5°37	16° 5	14°34	6°15	n.a.	F 10
S 11	16 9 15	1°21'32	29° 9	7°11	16°38	20°31	17°56	6°23	6° 1	27° 7	5°39	15°57	14°31	6°21	n.a.	S 11
S 12	16 13 11	2°18'50	13♋ 4	9°12	17°27	21° 8	17°58	6°19	6° 2	27° 9	5°40	15°50	14°28	6°28	n.a.	S 12
M13	16 17 8	3°16'08	27° 7	11°11	18°16	21°46	18° 0	6°14	6° 3	27°10	5°42	15°45	14°25	6°35	n.a.	M13
T 14	16 21 4	4°13'27	11♌15	13° 9	19° 6	22°23	18° 2	6°10	6° 4	27°11	5°44	15°40	14°22	6°41	n.a.	T 14
W15	16 25 1	5°10'47	25°26	15° 6	19°57	23° 1	18° 4	6° 5	6° 4	27°13	5°45	15°38	14°18	6°48	n.a.	W15
T 16	16 28 57	6° 8'07	9♍36	17° 1	20°49	23°39	18° 7	6° 1	6° 5	27°15	5°47	15°D38	14°15	6°55	n.a.	T 16
F 17	16 32 54	7° 5'28	23°45	18°54	21°41	24°16	18° 9	5°56	6° 6	27°16	5°49	15°39	14°12	7° 1	n.a.	F 17
S 18	16 36 51	8° 2'50	7♎51	20°46	22°33	24°54	18°12	5°52	6° 6	27°18	5°50	15°40	14° 9	7° 8	n.a.	S 18
S 19	16 40 47	9° 0'13	21°52	22°36	23°27	25°32	18°15	5°47	6° 7	27°19	5°52	15°R40	14° 6	7°15	n.a.	S 19
M20	16 44 44	9°57'37	5♏47	24°24	24°21	26°10	18°18	5°43	6° 7	27°21	5°54	15°38	14° 3	7°21	n.a.	M20
T 21	16 48 40	10°55'01	19°33	26°11	25°15	26°48	18°22	5°38	6° 7	27°23	5°55	15°34	13°59	7°28	n.a.	T 21
W22	16 52 37	11°52'28	3♐ 9	27°56	26°10	27°26	18°25	5°34	6° 8	27°24	5°57	15°28	13°56	7°35	n.a.	W22
T 23	16 56 33	12°49'55	16°31	29°40	27° 5	28° 4	18°29	5°30	6° 8	27°26	5°59	15°19	13°53	7°41	n.a.	T 23
F 24	17 0 30	13°47'24	29°37	1♋22	28° 1	28°43	18°33	5°25	6° 8	27°28	6° 0	15° 9	13°50	7°48	n.a.	F 24
S 25	17 4 27	14°44'54	12♑27	3° 3	28°58	29°21	18°37	5°21	6° 9	27°29	6° 2	14°59	13°47	7°55	n.a.	S 25
S 26	17 8 23	15°42'26	25° 0	4°42	29°55	29°59	18°41	5°17	6° 9	27°31	6° 4	14°50	13°44	8° 1	n.a.	S 26
M27	17 12 20	16°39'59	7♒17	6°20	0♉52	0♌38	18°45	5°12	6° 9	27°33	6° 5	14°41	13°40	8° 8	n.a.	M27
T 28	17 16 16	17°37'34	19°22	7°56	1°50	1°16	18°50	5° 8	6° 9	27°35	6° 7	14°35	13°37	8°15	n.a.	T 28
W29	17 20 13	18°35'10	1♓17	9°30	2°48	1°55	18°55	5° 4	6°R 9	27°36	6° 9	14°32	13°34	8°21	n.a.	W29
T 30	17 24 9	19♊32'49	13♓ 7	11♋ 3	3♉47	2♌34	19♍ 0	4♐59	6♓ 9	27♋38	6♊10	14♈30	13♈31	8♓28	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n36	17s55	4s 9	17n42	0n43	0n59	3s 1	24n29	1n21	6n18	1n30	21s18	0n39	10s17	0s47	22n15	1n 4	24n19	2n44	6n32	6n 3	12s50		n.a.
T 2	18 51	12 58	3 25	18 28	0 52	1 12	3 4	24 24	1 21	6 18	1 30	21 18	0 39	10 17	0 47	22 15	1 4	24 19	2 44	6 32	6 1	12 47		n.a.
F 3	19 5	7 33	2 33	19 12	1 1	1 25	3 8	24 20	1 20	6 17	1 30	21 17	0 38	10 16	0 47	22 15	1 4	24 20	2 44	6 33	6 0	12 44		n.a.
S 4	19 20	1 50	1 33	19 54	1 9	1 39	3 10	24 14	1 20	6 17	1 29	21 16	0 38	10 16	0 47	22 15	1 4	24 20	2 44	6 34	5 59	12 41		n.a.
S 5	19 34	4n 2	0 29	20 33	1 16	1 54	3 13	24 9	1 19	6 16	1 29	21 16	0 38	10 15	0 47	22 14	1 4	24 20	2 44	6 34	5 58	12 38		n.a.
M 6	19 47	9 51	0n38	21 11	1 23	2 9	3 16	24 4	1 18	6 16	1 29	21 15	0 38	10 15	0 47	22 14	1 4	24 21	2 44	6 34	5 56	12 34		n.a.
T 7	20 1	15 24	1 44	21 46	1 29	2 25	3 18	23 58	1 18	6 15	1 28	21 14	0 38	10 15	0 47	22 14	1 4	24 21	2 44	6 33	5 55	12 31		n.a.
W 8	20 14	20 26	2 47	22 19	1 34	2 41	3 20	23 52	1 17	6 14	1 28	21 14	0 38	10 14	0 47	22 13	1 4	24 21	2 44	6 32	5 54	12 28		n.a.
T 9	20 27	24 35	3 41	22 49	1 39	2 57	3 22	23 46	1 16	6 13	1 28	21 13	0 38	10 14	0 47	22 13	1 4	24 22	2 44	6 30	5 53	12 25		n.a.
F 10	20 39	27 30	4 25	23 17	1 43	3 14	3 23	23 40	1 16	6 13	1 27	21 12	0 38	10 14	0 47	22 13	1 4	24 22	2 44	6 27	5 51	12 22		n.a.
S 11	20 51	28 50	4 55	23 42	1 46	3 32	3 25	23 34	1 15	6 12	1 27	21 12	0 38	10 13	0 48	22 13	1 4	24 23	2 44	6 24	5 50	12 19		n.a.
S 12	21 3	28 22	5 7	24 4	1 49	3 49	3 26	23 27	1 15	6 11	1 27	21 11	0 38	10 13	0 48	22 12	1 4	24 23	2 44	6 21	5 49	12 15		n.a.
M13	21 14	26 5	5 2	24 24	1 50	4 8	3 27	23 21	1 14	6 10	1 26	21 10	0 38	10 13	0 48	22 12	1 4	24 23	2 44	6 19	5 48	12 12		n.a.
T 14	21 25	22 12	4 38	24 41	1 52	4 26	3 28	23 14	1 13	6 8	1 26	21 10	0 38	10 13	0 48	22 12	1 4	24 24	2 44	6 17	5 46	12 9		n.a.
W15	21 36	17 1	3 57	24 56	1 52	4 45	3 28	23 7	1 13	6 7	1 26	21 9	0 37	10 12	0 48	22 11	1 4	24 24	2 45	6 17	5 45	12 6		n.a.
T 16	21 46	10 55	3 1	25 8	1 52	5 4	3 29	23 0	1 12	6 6	1 25	21 8	0 37	10 12	0 48	22 11	1 4	24 24	2 45	6 17	5 44	12 3		n.a.
F 17	21 56	4 17	1 55	25 18	1 52	5 24	3 29	22 52	1 11	6 4	1 25	21 8	0 37	10 12	0 48	22 11	1 4	24 25	2 45	6 17	5 43	11 59		n.a.
S 18	22 6	2s32	0 42	25 26	1 51	5 43	3 29	22 45	1 11	6 3	1 25	21 7	0 37	10 12	0 48	22 10	1 4	24 25	2 45	6 17	5 41	11 56		n.a.
S 19	22 15	9 12	0s33	25 32	1 49	6 3	3 29	22 37	1 10	6 2	1 24	21 6	0 37	10 12	0 48	22 10	1 4	24 26	2 45	6 17	5 40	11 53		n.a.
M20	22 24	15 23	1 46	25 35	1 47	6 24	3 29	22 29	1 10	6 0	1 24	21 5	0 37	10 11	0 48	22 10	1 4	24 26	2 45	6 16	5 39	11 50		n.a.
T 21	22 32	20 43	2 51	25 36	1 44	6 44	3 28	22 21	1 9	5 58	1 24	21 5	0 37	10 11	0 48	22 9	1 4	24 26	2 45	6 15	5 38	11 47		n.a.
W22	22 40	24 54	3 46	25 35	1 41	7 5	3 28	22 13	1 8	5 57	1 23	21 4	0 37	10 11	0 48	22 9	1 4	24 27	2 45	6 12	5 36	11 43		n.a.
T 23	22 48	27 39	4 27	25 33	1 37	7 26	3 27	22 4	1 8	5 55	1 23	21 3	0 37	10 11	0 48	22 9	1 4	24 27	2 45	6 9	5 35	11 40		n.a.
F 24	22 55	28 49	4 53	25 28	1 33	7 47	3 27	21 56	1 7	5 53	1 23	21 3	0 37	10 11	0 48	22 8	1 4	24 27	2 45	6 5	5 34	11 37		n.a.
S 25	23 2	28 22	5 4	25 22	1 29	8 8	3 26	21 47	1 6	5 51	1 22	21 2	0 36	10 11	0 48	22 8	1 4	24 28	2 45	6 1	5 33	11 34		n.a.
S 26	23 9	26 28	4 59	25 14	1 24	8 29	3 25	21 38	1 6	5 49	1 22	21 1	0 36	10 11	0 48	22 8	1 4	24 28	2 45	5 57	5 31	11 31		n.a.
M27	23 15	23 21	4 41	25 5	1 18	8 51	3 23	21 29	1 5	5 47	1 22	21 1	0 36	10 11	0 48	22 7	1 4	24 29	2 45	5 54	5 30	11 27		n.a.
T 28	23 20	19 16	4 10	24 54	1 13	9 12	3 22	21 20	1 5	5 45	1 22	21 0	0 36	10 11	0 48	22 7	1 4	24 29	2 45	5 52	5 29	11 24		n.a.
W29	23 26	14 29	3 29	24 41	1 7	9 34	3 21	21 10	1 4	5 43	1 21	20 59	0 36	10 11	0 48	22 6	1 4	24 29	2 46	5 50	5 28	11 21		n.a.
T 30	23n30	9s12	2s39	24n28	1n 0	9n55	3s19	21n 1	1n 3	5n41	1n21	20s59	0n36	10s11	0s48	22n 6	1n 4	24n30	2n46	5n50	5n26	11s18		n.a.

Julian Day Number = 985230.5, Delta T = 13h09m02s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'39, Lahiri = -31°44'38 Julian Calendar 1 June 2016 BCE == Greg. Calendar 15 May 2016 BCE

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

JULY 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 28 6	20♊30'28	24♓57	12♋35	4♉46	3♌12	19♍ 5	4°R55	6°R 9	27♋40	6♊12	14°D30	13♈28	8♓35	n.a.	F 1
S 2	17 32 2	21°28'10	6♈53	14° 4	5°46	3°51	19°10	4♐51	6♓ 9	27°42	6°14	14♈30	13°24	8°41	n.a.	S 2
S 3	17 35 59	22°25'54	18°59	15°33	6°45	4°30	19°15	4°47	6° 9	27°44	6°15	14°R30	13°21	8°48	n.a.	S 3
M 4	17 39 56	23°23'39	1♉22	17° 0	7°46	5° 9	19°21	4°43	6° 8	27°46	6°17	14°29	13°18	8°55	n.a.	M 4
T 5	17 43 52	24°21'26	14° 3	18°25	8°46	5°48	19°26	4°39	6° 8	27°48	6°18	14°26	13°15	9° 1	n.a.	T 5
W 6	17 47 49	25°19'16	27° 8	19°48	9°47	6°27	19°32	4°35	6° 8	27°50	6°20	14°20	13°12	9° 8	n.a.	W 6
T 7	17 51 45	26°17'07	10♊36	21°10	10°48	7° 6	19°38	4°31	6° 7	27°52	6°22	14°11	13° 9	9°15	n.a.	T 7
F 8	17 55 42	27°15'00	24°25	22°30	11°50	7°45	19°44	4°27	6° 7	27°54	6°23	14° 1	13° 5	9°22	n.a.	F 8
S 9	17 59 38	28°12'54	8♋34	23°49	12°52	8°25	19°50	4°23	6° 6	27°56	6°25	13°50	13° 2	9°28	n.a.	S 9
S 10	18 3 35	29°10'51	22°56	25° 5	13°54	9° 4	19°57	4°19	6° 6	27°58	6°26	13°39	12°59	9°35	n.a.	S 10
M11	18 7 31	0♌ 8'48	7♌24	26°20	14°57	9°43	20° 3	4°15	6° 5	28° 0	6°28	13°30	12°56	9°42	n.a.	M11
T 12	18 11 28	1° 6'48	21°54	27°33	15°59	10°23	20°10	4°11	6° 5	28° 2	6°29	13°23	12°53	9°48	n.a.	T 12
W13	18 15 25	2° 4'49	6♍18	28°44	17° 3	11° 3	20°17	4° 8	6° 4	28° 4	6°31	13°18	12°50	9°55	n.a.	W13
T 14	18 19 21	3° 2'51	20°35	29°53	18° 6	11°42	20°24	4° 4	6° 3	28° 6	6°33	13°16	12°46	10° 2	n.a.	T 14
F 15	18 23 18	4° 0'55	4♎41	1♌ 0	19°10	12°22	20°31	4° 0	6° 3	28° 8	6°34	13°16	12°43	10° 8	n.a.	F 15
S 16	18 27 14	4°59'00	18°36	2° 4	20°13	13° 2	20°38	3°57	6° 2	28°10	6°36	13°16	12°40	10°15	n.a.	S 16
S 17	18 31 11	5°57'07	2♏21	3° 6	21°18	13°41	20°45	3°54	6° 1	28°12	6°37	13°15	12°37	10°22	n.a.	S 17
M18	18 35 7	6°55'16	15°54	4° 5	22°22	14°21	20°53	3°50	6° 0	28°14	6°39	13°12	12°34	10°28	n.a.	M18
T 19	18 39 4	7°53'27	29°17	5° 2	23°27	15° 1	21° 0	3°47	5°59	28°16	6°40	13° 6	12°30	10°35	n.a.	T 19
W20	18 43 0	8°51'39	12♐29	5°56	24°32	15°41	21° 8	3°44	5°58	28°18	6°42	12°58	12°27	10°42	n.a.	W20
T 21	18 46 57	9°49'53	25°30	6°47	25°37	16°22	21°16	3°40	5°57	28°20	6°43	12°47	12°24	10°48	n.a.	T 21
F 22	18 50 54	10°48'09	8♑19	7°35	26°42	17° 2	21°24	3°37	5°56	28°23	6°44	12°34	12°21	10°55	n.a.	F 22
S 23	18 54 50	11°46'27	20°54	8°19	27°48	17°42	21°32	3°34	5°55	28°25	6°46	12°20	12°18	11° 2	n.a.	S 23
S 24	18 58 47	12°44'47	3♒17	8°59	28°53	18°22	21°40	3°31	5°54	28°27	6°47	12° 7	12°15	11° 8	n.a.	S 24
M25	19 2 43	13°43'09	15°28	9°36	29°59	19° 3	21°49	3°29	5°53	28°29	6°49	11°56	12°11	11°15	n.a.	M25
T 26	19 6 40	14°41'34	27°28	10° 8	1♊ 6	19°43	21°57	3°26	5°51	28°31	6°50	11°47	12° 8	11°22	n.a.	T 26
W27	19 10 36	15°40'00	9♓20	10°36	2°12	20°24	22° 6	3°23	5°50	28°33	6°51	11°42	12° 5	11°28	n.a.	W27
T 28	19 14 33	16°38'29	21° 8	10°59	3°19	21° 4	22°15	3°20	5°49	28°36	6°53	11°38	12° 2	11°35	n.a.	T 28
F 29	19 18 29	17°37'00	2♈56	11°17	4°26	21°45	22°24	3°18	5°47	28°38	6°54	11°37	11°59	11°42	n.a.	F 29
S 30	19 22 26	18°35'33	14°50	11°30	5°33	22°25	22°32	3°15	5°46	28°40	6°56	11°37	11°56	11°48	n.a.	S 30
S 31	19 26 22	19♋34'09	26♈55	11♌36	6♊40	23♌ 6	22♍42	3♐13	5♓44	28♋42	6♊57	11♈37	11♈52	11♓55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n35	3s36	1s42	24n13	0n54	10n17	3s17	20n51	1n 3	5n38	1n21	20s58	0n36	10s11	0s48	22n 6	1n 4	24n30	2n46	5n50	5n25	11s14		n.a.
S 2	23 39	2n10	0 41	23 56	0 47	10 39	3 15	20 41	1 2	5 36	1 20	20 57	0 36	10 11	0 48	22 5	1 4	24 30	2 46	5 50	5 24	11 11		n.a.
S 3	23 42	7 57	0n24	23 39	0 39	11 0	3 14	20 31	1 1	5 34	1 20	20 57	0 36	10 11	0 48	22 5	1 4	24 31	2 46	5 50	5 23	11 8		n.a.
M 4	23 46	13 34	1 28	23 21	0 32	11 22	3 12	20 21	1 1	5 31	1 20	20 56	0 35	10 11	0 48	22 4	1 4	24 31	2 46	5 49	5 21	11 5		n.a.
T 5	23 48	18 46	2 30	23 2	0 24	11 44	3 9	20 10	1 0	5 29	1 19	20 55	0 35	10 12	0 48	22 4	1 4	24 32	2 46	5 48	5 20	11 1		n.a.
W 6	23 51	23 15	3 26	22 42	0 16	12 5	3 7	20 0	0 59	5 26	1 19	20 55	0 35	10 12	0 48	22 4	1 4	24 32	2 46	5 46	5 19	10 58		n.a.
T 7	23 52	26 38	4 12	22 21	0 8	12 27	3 5	19 49	0 59	5 23	1 19	20 54	0 35	10 12	0 49	22 3	1 4	24 32	2 46	5 42	5 18	10 55		n.a.
F 8	23 54	28 32	4 44	21 59	0s 1	12 48	3 2	19 38	0 58	5 21	1 19	20 53	0 35	10 12	0 49	22 3	1 4	24 33	2 46	5 38	5 16	10 52		n.a.
S 9	23 55	28 38	5 0	21 37	0 10	13 10	3 0	19 27	0 57	5 18	1 18	20 53	0 35	10 12	0 49	22 2	1 4	24 33	2 46	5 34	5 15	10 48		n.a.
S 10	23 55	26 49	4 57	21 15	0 19	13 31	2 57	19 16	0 57	5 15	1 18	20 52	0 35	10 13	0 49	22 2	1 4	24 33	2 47	5 30	5 14	10 45		n.a.
M11	23 56	23 14	4 36	20 52	0 28	13 52	2 55	19 5	0 56	5 12	1 18	20 52	0 35	10 13	0 49	22 2	1 4	24 34	2 47	5 26	5 12	10 42		n.a.
T 12	23 55	18 13	3 56	20 28	0 37	14 13	2 52	18 53	0 56	5 9	1 17	20 51	0 35	10 13	0 49	22 1	1 4	24 34	2 47	5 23	5 11	10 39		n.a.
W13	23 55	12 11	3 2	20 4	0 47	14 34	2 49	18 41	0 55	5 6	1 17	20 50	0 34	10 13	0 49	22 1	1 4	24 35	2 47	5 21	5 10	10 35		n.a.
T 14	23 53	5 35	1 57	19 40	0 56	14 55	2 46	18 30	0 54	5 3	1 17	20 50	0 34	10 14	0 49	22 0	1 4	24 35	2 47	5 21	5 9	10 32		n.a.
F 15	23 52	1s13	0 45	19 16	1 6	15 15	2 43	18 18	0 54	5 0	1 17	20 49	0 34	10 14	0 49	22 0	1 4	24 35	2 47	5 20	5 7	10 29		n.a.
S 16	23 50	7 52	0s28	18 52	1 16	15 36	2 40	18 5	0 53	4 57	1 16	20 49	0 34	10 14	0 49	21 59	1 4	24 36	2 47	5 20	5 6	10 26		n.a.
S 17	23 47	14 5	1 39	18 28	1 26	15 56	2 37	17 53	0 52	4 54	1 16	20 48	0 34	10 15	0 49	21 59	1 4	24 36	2 47	5 20	5 5	10 22		n.a.
M18	23 45	19 32	2 43	18 5	1 36	16 16	2 34	17 41	0 52	4 51	1 16	20 48	0 34	10 15	0 49	21 59	1 4	24 36	2 47	5 19	5 4	10 19		n.a.
T 19	23 41	23 56	3 37	17 41	1 46	16 35	2 31	17 28	0 51	4 47	1 15	20 47	0 34	10 15	0 49	21 58	1 4	24 37	2 47	5 17	5 2	10 16		n.a.
W20	23 37	27 2	4 19	17 18	1 56	16 54	2 27	17 15	0 50	4 44	1 15	20 47	0 34	10 16	0 49	21 58	1 4	24 37	2 48	5 13	5 1	10 13		n.a.
T 21	23 33	28 37	4 47	16 56	2 6	17 14	2 24	17 3	0 50	4 40	1 15	20 46	0 33	10 16	0 49	21 57	1 4	24 38	2 48	5 9	5 0	10 9		n.a.
F 22	23 29	28 38	4 59	16 34	2 16	17 32	2 21	16 50	0 49	4 37	1 15	20 46	0 33	10 17	0 49	21 57	1 4	24 38	2 48	5 4	4 59	10 6		n.a.
S 23	23 24	27 9	4 56	16 13	2 26	17 51	2 17	16 36	0 48	4 34	1 14	20 45	0 33	10 17	0 49	21 56	1 4	24 38	2 48	4 58	4 57	10 3		n.a.
S 24	23 18	24 21	4 40	15 53	2 36	18 9	2 14	16 23	0 48	4 30	1 14	20 45	0 33	10 18	0 49	21 56	1 4	24 39	2 48	4 53	4 56	9 59		n.a.
M25	23 12	20 31	4 11	15 34	2 45	18 27	2 10	16 10	0 47	4 26	1 14	20 44	0 33	10 18	0 49	21 55	1 4	24 39	2 48	4 49	4 55	9 56		n.a.
T 26	23 6	15 53	3 31	15 16	2 55	18 44	2 6	15 56	0 46	4 23	1 14	20 44	0 33	10 19	0 49	21 55	1 4	24 39	2 48	4 45	4 54	9 53		n.a.
W27	22 59	10 43	2 42	14 59	3 4	19 1	2 3	15 42	0 46	4 19	1 13	20 44	0 33	10 19	0 49	21 55	1 4	24 40	2 48	4 43	4 52	9 49		n.a.
T 28	22 52	5 12	1 46	14 44	3 13	19 18	1 59	15 28	0 45	4 15	1 13	20 43	0 33	10 20	0 49	21 54	1 4	24 40	2 48	4 42	4 51	9 46		n.a.
F 29	22 44	0n30	0 46	14 31	3 21	19 34	1 56	15 15	0 44	4 11	1 13	20 43	0 32	10 20	0 49	21 54	1 4	24 40	2 49	4 41	4 50	9 43		n.a.
S 30	22 36	6 13	0n17	14 20	3 29	19 50	1 52	15 0	0 44	4 8	1 13	20 42	0 32	10 21	0 49	21 53	1 4	24 41	2 49	4 41	4 48	9 40		n.a.
S 31	22n28	11n49	1n20	14n12	3s36	20n 6	1s48	14n46	0n43	4n 4	1n12	20s42	0n32	10s21	0s49	21n53	1n 4	24n41	2n49	4n41	4n47	9s36		n.a.

Julian Day Number = 985260.5, Delta T = 13h09m00s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'35, Lahiri = -31°44'34 Julian Calendar 1 July 2016 BCE == Greg. Calendar 14 June 2016 BCE

The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

AUGUST 2016 BCE (-2015) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 30 19	20♋32'47	9♉16	11°R37	7♊48	23♌47	22♍51	3°R11	5°R43	28♋44	6♊58	11°R35	11♈49	12♓ 2	n.a.	M 1
T 2	19 34 16	21°31'27	21°59	11♌31	8°55	24°28	23° 0	3♐ 8	5♓41	28°47	6°59	11♈32	11°46	12° 8	n.a.	T 2
W 3	19 38 12	22°30'10	5♊ 7	11°18	10° 3	25° 9	23°10	3° 6	5°40	28°49	7° 1	11°27	11°43	12°15	n.a.	W 3
T 4	19 42 9	23°28'56	18°43	10°58	11°11	25°50	23°19	3° 4	5°38	28°51	7° 2	11°18	11°40	12°22	n.a.	T 4
F 5	19 46 5	24°27'44	2♋46	10°32	12°19	26°31	23°29	3° 2	5°37	28°53	7° 3	11° 8	11°36	12°28	n.a.	F 5
S 6	19 50 2	25°26'34	17°12	9°58	13°28	27°12	23°38	3° 0	5°35	28°56	7° 4	10°57	11°33	12°35	n.a.	S 6
S 7	19 53 58	26°25'26	1♌56	9°17	14°36	27°54	23°48	2°59	5°33	28°58	7° 6	10°46	11°30	12°42	n.a.	S 7
M 8	19 57 55	27°24'21	16°49	8°30	15°45	28°35	23°58	2°57	5°31	29° 0	7° 7	10°36	11°27	12°48	n.a.	M 8
T 9	20 1 51	28°23'17	1♍43	7°37	16°54	29°16	24° 8	2°55	5°30	29° 2	7° 8	10°29	11°24	12°55	n.a.	T 9
W10	20 5 48	29°22'16	16°29	6°39	18° 3	29°58	24°19	2°54	5°28	29° 5	7° 9	10°25	11°21	13° 2	n.a.	W10
T 11	20 9 45	0♌21'16	1♎ 1	5°36	19°12	0♍39	24°29	2°52	5°26	29° 7	7°10	10°23	11°17	13° 8	n.a.	T 11
F 12	20 13 41	1°20'18	15°17	4°31	20°21	1°21	24°39	2°51	5°24	29° 9	7°11	10°D23	11°14	13°15	n.a.	F 12
S 13	20 17 38	2°19'22	29°13	3°24	21°31	2° 2	24°50	2°50	5°22	29°11	7°12	10°R23	11°11	13°22	n.a.	S 13
S 14	20 21 34	3°18'29	12♏52	2°17	22°41	2°44	25° 0	2°49	5°20	29°13	7°13	10°23	11° 8	13°28	n.a.	S 14
M15	20 25 31	4°17'37	26°14	1°12	23°50	3°26	25°11	2°48	5°18	29°16	7°14	10°20	11° 5	13°35	n.a.	M15
T 16	20 29 27	5°16'47	9♐21	0°10	25° 0	4° 8	25°21	2°47	5°16	29°18	7°15	10°16	11° 2	13°42	n.a.	T 16
W17	20 33 24	6°15'59	22°15	29♋14	26°10	4°50	25°32	2°46	5°14	29°20	7°16	10° 9	10°58	13°48	n.a.	W17
T 18	20 37 20	7°15'13	4♑56	28°25	27°20	5°32	25°43	2°45	5°12	29°22	7°17	9°59	10°55	13°55	n.a.	T 18
F 19	20 41 17	8°14'29	17°26	27°44	28°31	6°14	25°54	2°45	5°10	29°25	7°18	9°48	10°52	14° 2	n.a.	F 19
S 20	20 45 13	9°13'48	29°46	27°12	29°41	6°56	26° 5	2°44	5° 8	29°27	7°19	9°37	10°49	14° 8	n.a.	S 20
S 21	20 49 10	10°13'08	11♒57	26°50	0♋52	7°38	26°16	2°44	5° 6	29°29	7°20	9°26	10°46	14°15	n.a.	S 21
M22	20 53 7	11°12'31	23°58	26°39	2° 2	8°20	26°28	2°44	5° 3	29°31	7°21	9°16	10°42	14°22	n.a.	M22
T 23	20 57 3	12°11'56	5♓53	26°D39	3°13	9° 2	26°39	2°43	5° 1	29°33	7°22	9° 9	10°39	14°28	n.a.	T 23
W24	21 1 0	13°11'23	17°42	26°49	4°24	9°45	26°50	2°43	4°59	29°36	7°23	9° 4	10°36	14°35	n.a.	W24
T 25	21 4 56	14°10'53	29°29	27° 9	5°35	10°27	27° 2	2°D43	4°57	29°38	7°24	9° 1	10°33	14°41	n.a.	T 25
F 26	21 8 53	15°10'25	11♈16	27°39	6°47	11°10	27°13	2°43	4°54	29°40	7°24	9°D 1	10°30	14°48	n.a.	F 26
S 27	21 12 49	16° 9'59	23° 9	28°19	7°58	11°52	27°25	2°43	4°52	29°42	7°25	9° 1	10°27	14°55	n.a.	S 27
S 28	21 16 46	17° 9'36	5♉13	29° 7	9° 9	12°35	27°37	2°44	4°50	29°44	7°26	9° 3	10°23	15° 1	n.a.	S 28
M29	21 20 42	18° 9'15	17°31	0♌ 3	10°21	13°17	27°48	2°44	4°47	29°46	7°27	9°R 3	10°20	15° 8	n.a.	M29
T 30	21 24 39	19° 8'57	0♊10	1° 6	11°33	14° 0	28° 0	2°45	4°45	29°49	7°27	9° 2	10°17	15°15	n.a.	T 30
W31	21 28 35	20♌ 8'42	13♊14	2♌16	12♋44	14♍43	28♍12	2♐45	4♓43	29♋51	7♊28	9♈ 0	10♈14	15♓21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	22n19	17n 6	2n21	14n 5	3s43	20n21	1s44	14n32	0n42	4n 0	1n12	20s42	0n32	10s22	0s49	21n52	1n 4	24n41	2n49	4n40	4n46	9s33			n.a.
T 2	22 10	21 48	3 16	14 1	3 49	20 35	1 40	14 17	0 42	3 56	1 12	20 41	0 32	10 23	0 49	21 52	1 4	24 42	2 49	4 39	4 45	9 30			n.a.
W 3	22 0	25 35	4 4	14 0	3 54	20 49	1 37	14 3	0 41	3 52	1 12	20 41	0 32	10 23	0 49	21 51	1 4	24 42	2 49	4 37	4 43	9 26			n.a.
T 4	21 50	28 4	4 39	14 2	3 57	21 3	1 33	13 48	0 40	3 48	1 12	20 41	0 32	10 24	0 49	21 51	1 4	24 42	2 49	4 34	4 42	9 23			n.a.
F 5	21 40	28 52	4 58	14 7	4 0	21 16	1 29	13 33	0 40	3 44	1 11	20 41	0 31	10 24	0 49	21 50	1 4	24 43	2 49	4 30	4 41	9 20			n.a.
S 6	21 29	27 45	5 0	14 15	4 1	21 28	1 25	13 18	0 39	3 39	1 11	20 40	0 31	10 25	0 50	21 50	1 4	24 43	2 50	4 25	4 40	9 16			n.a.
S 7	21 18	24 42	4 41	14 27	4 0	21 41	1 21	13 3	0 38	3 35	1 11	20 40	0 31	10 26	0 50	21 50	1 4	24 43	2 50	4 21	4 38	9 13			n.a.
M 8	21 6	19 59	4 4	14 41	3 57	21 52	1 17	12 48	0 38	3 31	1 11	20 40	0 31	10 26	0 50	21 49	1 4	24 44	2 50	4 17	4 37	9 10			n.a.
T 9	20 54	14 2	3 10	14 59	3 53	22 3	1 13	12 32	0 37	3 27	1 10	20 40	0 31	10 27	0 50	21 49	1 4	24 44	2 50	4 14	4 36	9 6			n.a.
W10	20 42	7 20	2 3	15 20	3 47	22 14	1 9	12 17	0 36	3 23	1 10	20 40	0 31	10 28	0 50	21 48	1 4	24 44	2 50	4 12	4 35	9 3			n.a.
T 11	20 29	0 20	0 50	15 44	3 38	22 23	1 6	12 1	0 36	3 18	1 10	20 40	0 31	10 29	0 50	21 48	1 4	24 45	2 50	4 11	4 33	9 0			n.a.
F 12	20 16	6s32	0s26	16 10	3 28	22 33	1 2	11 45	0 35	3 14	1 10	20 39	0 31	10 29	0 50	21 47	1 4	24 45	2 50	4 11	4 32	8 56			n.a.
S 13	20 3	12 57	1 39	16 38	3 15	22 41	0 58	11 30	0 34	3 9	1 10	20 39	0 30	10 30	0 50	21 47	1 4	24 45	2 50	4 11	4 31	8 53			n.a.
S 14	19 49	18 37	2 44	17 7	3 1	22 49	0 54	11 14	0 34	3 5	1 9	20 39	0 30	10 31	0 50	21 46	1 4	24 46	2 51	4 11	4 29	8 50			n.a.
M15	19 35	23 14	3 39	17 37	2 45	22 57	0 50	10 58	0 33	3 0	1 9	20 39	0 30	10 32	0 50	21 46	1 4	24 46	2 51	4 11	4 28	8 46			n.a.
T 16	19 20	26 36	4 21	18 7	2 28	23 4	0 46	10 42	0 32	2 56	1 9	20 39	0 30	10 32	0 50	21 45	1 4	24 46	2 51	4 9	4 27	8 43			n.a.
W17	19 5	28 30	4 49	18 37	2 9	23 10	0 42	10 25	0 32	2 51	1 9	20 39	0 30	10 33	0 50	21 45	1 4	24 47	2 51	4 6	4 26	8 40			n.a.
T 18	18 50	28 52	5 2	19 6	1 50	23 16	0 38	10 9	0 31	2 47	1 9	20 39	0 30	10 34	0 50	21 44	1 4	24 47	2 51	4 2	4 24	8 36			n.a.
F 19	18 34	27 44	5 1	19 34	1 30	23 21	0 35	9 53	0 30	2 42	1 8	20 39	0 30	10 35	0 50	21 44	1 4	24 47	2 51	3 58	4 23	8 33			n.a.
S 20	18 19	25 15	4 45	19 59	1 11	23 25	0 31	9 36	0 29	2 37	1 8	20 39	0 29	10 36	0 50	21 44	1 4	24 47	2 51	3 53	4 22	8 30			n.a.
S 21	18 2	21 39	4 17	20 23	0 51	23 28	0 27	9 19	0 29	2 33	1 8	20 39	0 29	10 36	0 50	21 43	1 4	24 48	2 51	3 49	4 21	8 26			n.a.
M22	17 46	17 12	3 37	20 44	0 32	23 31	0 23	9 3	0 28	2 28	1 8	20 39	0 29	10 37	0 50	21 43	1 4	24 48	2 52	3 45	4 19	8 23			n.a.
T 23	17 29	12 8	2 48	21 2	0 14	23 34	0 20	8 46	0 27	2 23	1 8	20 39	0 29	10 38	0 50	21 42	1 4	24 48	2 52	3 42	4 18	8 20			n.a.
W24	17 12	6 40	1 52	21 17	0n 3	23 35	0 16	8 29	0 27	2 19	1 7	20 39	0 29	10 39	0 50	21 42	1 4	24 49	2 52	3 40	4 17	8 16			n.a.
T 25	16 55	0 59	0 51	21 29	0 20	23 36	0 12	8 12	0 26	2 14	1 7	20 40	0 29	10 40	0 50	21 41	1 4	24 49	2 52	3 39	4 16	8 13			n.a.
F 26	16 37	4n44	0n12	21 37	0 35	23 36	0 9	7 55	0 25	2 9	1 7	20 40	0 29	10 41	0 50	21 41	1 4	24 49	2 52	3 38	4 14	8 9			n.a.
S 27	16 19	10 21	1 15	21 42	0 48	23 36	0 5	7 38	0 25	2 4	1 7	20 40	0 29	10 41	0 50	21 40	1 4	24 49	2 52	3 39	4 13	8 6			n.a.
S 28	16 1	15 40	2 16	21 45	1 1	23 35	0 1	7 21	0 24	1 59	1 7	20 40	0 28	10 42	0 50	21 40	1 4	24 50	2 52	3 39	4 12	8 3			n.a.
M29	15 42	20 29	3 12	21 43	1 12	23 33	0n 2	7 3	0 23	1 54	1 6	20 40	0 28	10 43	0 50	21 39	1 4	24 50	2 53	3 40	4 10	7 59			n.a.
T 30	15 23	24 31	4 1	21 39	1 22	23 30	0 6	6 46	0 23	1 49	1 6	20 40	0 28	10 44	0 50	21 39	1 4	24 50	2 53	3 39	4 9	7 56			n.a.
W31	15n 4	27n27	4n38	21n31	1n30	23n27	0n 9	6n28	0n22	1n44	1n 6	20s41	0n28	10s45	0s50	21n39	1n 4	24n50	2n53	3n38	4n 8	7s53			n.a.

Julian Day Number = 985291.5, Delta T = 13h08m58s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'31, Lahiri = -31°44'30 Julian Calendar 1 Aug. 2016 BCE == Greg. Calendar 15 July 2016 BCE

The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

SEPTEMBER 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 32 32	21♌ 8'28	26♊47	3♌31	13♋56	15♍26	28♍24	2♐46	4°R40	29♋53	7♊29	8°R55	10♈11	15♓28	n.a.	T 1
F 2	21 36 29	22° 8'18	10♋48	4°51	15° 8	16° 9	28°36	2°47	4♓38	29°55	7°29	8♈49	10° 8	15°35	n.a.	F 2
S 3	21 40 25	23° 8'09	25°17	6°15	16°20	16°52	28°48	2°48	4°36	29°57	7°30	8°42	10° 4	15°41	n.a.	S 3
S 4	21 44 22	24° 8'03	10♌ 9	7°43	17°33	17°35	29° 0	2°49	4°33	29°59	7°30	8°35	10° 1	15°48	n.a.	S 4
M 5	21 48 18	25° 8'00	25°16	9°13	18°45	18°18	29°12	2°50	4°31	0♌ 1	7°31	8°29	9°58	15°55	n.a.	M 5
T 6	21 52 15	26° 7'58	10♍27	10°46	19°57	19° 1	29°25	2°51	4°28	0° 3	7°31	8°24	9°55	16° 1	n.a.	T 6
W 7	21 56 11	27° 7'58	25°34	12°21	21°10	19°44	29°37	2°52	4°26	0° 5	7°32	8°21	9°52	16° 8	n.a.	W 7
T 8	22 0 8	28° 8'00	10♎26	13°57	22°23	20°27	29°49	2°54	4°23	0° 7	7°32	8°D21	9°48	16°15	n.a.	T 8
F 9	22 4 4	29° 8'04	24°58	15°35	23°35	21°11	0♎ 2	2°55	4°21	0° 9	7°33	8°22	9°45	16°21	n.a.	F 9
S 10	22 8 1	0♍ 8'10	9♏ 8	17°14	24°48	21°54	0°14	2°57	4°19	0°11	7°33	8°23	9°42	16°28	n.a.	S 10
S 11	22 11 57	1° 8'17	22°53	18°53	26° 1	22°38	0°27	2°58	4°16	0°13	7°34	8°24	9°39	16°35	n.a.	S 11
M12	22 15 54	2° 8'27	6♐15	20°33	27°14	23°21	0°40	3° 0	4°14	0°15	7°34	8°R24	9°36	16°41	n.a.	M12
T 13	22 19 51	3° 8'38	19°16	22°13	28°27	24° 5	0°52	3° 2	4°11	0°17	7°34	8°23	9°33	16°48	n.a.	T 13
W14	22 23 47	4° 8'51	1♑59	23°54	29°40	24°49	1° 5	3° 4	4° 9	0°19	7°35	8°20	9°29	16°55	n.a.	W14
T 15	22 27 44	5° 9'05	14°28	25°34	0♌53	25°32	1°18	3° 6	4° 6	0°21	7°35	8°16	9°26	17° 1	n.a.	T 15
F 16	22 31 40	6° 9'22	26°45	27°15	2° 6	26°16	1°31	3° 8	4° 4	0°23	7°35	8°10	9°23	17° 8	n.a.	F 16
S 17	22 35 37	7° 9'40	8♒52	28°55	3°20	27° 0	1°43	3°11	4° 1	0°25	7°36	8° 5	9°20	17°15	n.a.	S 17
S 18	22 39 33	8°10'00	20°51	0♍35	4°33	27°44	1°56	3°13	3°59	0°27	7°36	7°59	9°17	17°21	n.a.	S 18
M19	22 43 30	9°10'21	2♓45	2°15	5°47	28°28	2° 9	3°15	3°56	0°29	7°36	7°54	9°14	17°28	n.a.	M19
T 20	22 47 26	10°10'45	14°35	3°54	7° 0	29°12	2°22	3°18	3°54	0°30	7°36	7°51	9°10	17°35	n.a.	T 20
W21	22 51 23	11°11'10	26°23	5°34	8°14	29°56	2°35	3°21	3°51	0°32	7°36	7°49	9° 7	17°41	n.a.	W21
T 22	22 55 20	12°11'37	8♈11	7°13	9°28	0♎40	2°48	3°23	3°49	0°34	7°36	7°D48	9° 4	17°48	n.a.	T 22
F 23	22 59 16	13°12'07	20° 2	8°51	10°41	1°24	3° 1	3°26	3°47	0°36	7°36	7°49	9° 1	17°55	n.a.	F 23
S 24	23 3 13	14°12'38	1♉59	10°30	11°55	2° 8	3°14	3°29	3°44	0°38	7°36	7°50	8°58	18° 1	n.a.	S 24
S 25	23 7 9	15°13'11	14° 5	12° 7	13° 9	2°53	3°28	3°32	3°42	0°39	7°R36	7°52	8°54	18° 8	n.a.	S 25
M26	23 11 6	16°13'46	26°24	13°45	14°23	3°37	3°41	3°35	3°39	0°41	7°36	7°53	8°51	18°15	n.a.	M26
T 27	23 15 2	17°14'23	9♊ 1	15°22	15°37	4°21	3°54	3°39	3°37	0°43	7°36	7°54	8°48	18°21	n.a.	T 27
W28	23 18 59	18°15'03	21°59	16°59	16°51	5° 6	4° 7	3°42	3°35	0°44	7°36	7°R55	8°45	18°28	n.a.	W28
T 29	23 22 55	19°15'44	5♋23	18°36	18° 6	5°50	4°20	3°45	3°32	0°46	7°36	7°54	8°42	18°35	n.a.	T 29
F 30	23 26 52	20♍16'27	19♋13	20♍12	19♌20	6♎35	4♎34	3♐49	3♓30	0♌48	7♊36	7♈52	8♈39	18♓41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n45	28n55	5n 2	21n21	1n38	23n23	0n12	6n11	0n21	1n39	1n 6	20s41	0n28	10s46	0s50	21n38	1n 4	24n51	2n53	3n36	4n 7	7s49		n.a.
F 2	14 25	28 36	5 8	21 7	1 44	23 19	0 16	5 53	0 21	1 34	1 6	20 41	0 28	10 47	0 50	21 38	1 4	24 51	2 53	3 34	4 5	7 46		n.a.
S 3	14 5	26 21	4 56	20 51	1 49	23 13	0 19	5 36	0 20	1 29	1 6	20 42	0 28	10 48	0 50	21 37	1 4	24 51	2 53	3 31	4 4	7 43		n.a.
S 4	13 45	22 16	4 23	20 32	1 53	23 7	0 22	5 18	0 19	1 24	1 5	20 42	0 27	10 49	0 50	21 37	1 4	24 51	2 53	3 28	4 3	7 39		n.a.
M 5	13 24	16 41	3 32	20 10	1 56	23 0	0 26	5 0	0 18	1 19	1 5	20 42	0 27	10 49	0 50	21 36	1 4	24 52	2 54	3 26	4 2	7 36		n.a.
T 6	13 4	10 2	2 25	19 47	1 58	22 53	0 29	4 42	0 18	1 14	1 5	20 43	0 27	10 50	0 50	21 36	1 4	24 52	2 54	3 24	4 0	7 32		n.a.
W 7	12 43	2 51	1 9	19 21	1 59	22 45	0 32	4 24	0 17	1 9	1 5	20 43	0 27	10 51	0 50	21 36	1 4	24 52	2 54	3 23	3 59	7 29		n.a.
T 8	12 22	4s23	0s11	18 53	2 0	22 36	0 35	4 6	0 16	1 4	1 5	20 43	0 27	10 52	0 50	21 35	1 4	24 52	2 54	3 22	3 58	7 26		n.a.
F 9	12 1	11 14	1 29	18 23	1 59	22 27	0 38	3 48	0 16	0 58	1 5	20 44	0 27	10 53	0 50	21 35	1 5	24 53	2 54	3 23	3 56	7 22		n.a.
S 10	11 39	17 21	2 40	17 52	1 58	22 16	0 41	3 30	0 15	0 53	1 5	20 44	0 27	10 54	0 50	21 34	1 5	24 53	2 54	3 23	3 55	7 19		n.a.
S 11	11 17	22 23	3 39	17 19	1 57	22 5	0 44	3 12	0 14	0 48	1 4	20 45	0 27	10 55	0 50	21 34	1 5	24 53	2 54	3 24	3 54	7 15		n.a.
M12	10 56	26 7	4 24	16 45	1 55	21 54	0 46	2 54	0 14	0 43	1 4	20 45	0 26	10 56	0 50	21 34	1 5	24 53	2 55	3 24	3 53	7 12		n.a.
T 13	10 33	28 23	4 55	16 9	1 52	21 42	0 49	2 36	0 13	0 37	1 4	20 46	0 26	10 57	0 50	21 33	1 5	24 53	2 55	3 23	3 51	7 9		n.a.
W14	10 11	29 5	5 10	15 33	1 49	21 29	0 52	2 17	0 12	0 32	1 4	20 46	0 26	10 58	0 50	21 33	1 5	24 54	2 55	3 22	3 50	7 5		n.a.
T 15	9 49	28 15	5 10	14 55	1 46	21 15	0 55	1 59	0 12	0 27	1 4	20 47	0 26	10 59	0 50	21 32	1 5	24 54	2 55	3 20	3 49	7 2		n.a.
F 16	9 26	26 4	4 56	14 16	1 42	21 1	0 57	1 41	0 11	0 22	1 4	20 47	0 26	11 0	0 50	21 32	1 5	24 54	2 55	3 18	3 48	6 58		n.a.
S 17	9 3	22 43	4 28	13 37	1 38	20 46	1 0	1 22	0 10	0 16	1 4	20 48	0 26	11 0	0 50	21 32	1 5	24 54	2 55	3 16	3 46	6 55		n.a.
S 18	8 41	18 27	3 49	12 57	1 34	20 31	1 2	1 4	0 9	0 11	1 3	20 49	0 26	11 1	0 50	21 31	1 5	24 54	2 55	3 14	3 45	6 52		n.a.
M19	8 17	13 30	3 1	12 16	1 29	20 15	1 4	0 45	0 9	0 6	1 3	20 49	0 26	11 2	0 50	21 31	1 5	24 55	2 56	3 12	3 44	6 48		n.a.
T 20	7 54	8 6	2 4	11 34	1 24	19 58	1 7	0 27	0 8	0 0	1 3	20 50	0 25	11 3	0 50	21 30	1 5	24 55	2 56	3 10	3 42	6 45		n.a.
W21	7 31	2 25	1 2	10 52	1 19	19 41	1 9	0 8	0 7	0s 5	1 3	20 50	0 25	11 4	0 50	21 30	1 5	24 55	2 56	3 10	3 41	6 41		n.a.
T 22	7 7	3n21	0n 2	10 10	1 13	19 23	1 11	0s10	0 7	0 11	1 3	20 51	0 25	11 5	0 50	21 30	1 5	24 55	2 56	3 9	3 40	6 38		n.a.
F 23	6 44	9 1	1 7	9 27	1 8	19 5	1 13	0 29	0 6	0 16	1 3	20 52	0 25	11 6	0 50	21 29	1 5	24 55	2 56	3 10	3 39	6 35		n.a.
S 24	6 20	14 25	2 9	8 44	1 2	18 46	1 15	0 47	0 5	0 21	1 3	20 52	0 25	11 7	0 50	21 29	1 5	24 55	2 56	3 10	3 37	6 31		n.a.
S 25	5 56	19 21	3 7	8 1	0 56	18 26	1 17	1 6	0 5	0 27	1 3	20 53	0 25	11 8	0 50	21 29	1 5	24 56	2 57	3 11	3 36	6 28		n.a.
M26	5 32	23 35	3 57	7 17	0 50	18 6	1 19	1 24	0 4	0 32	1 3	20 54	0 25	11 9	0 50	21 28	1 5	24 56	2 57	3 12	3 35	6 24		n.a.
T 27	5 8	26 49	4 37	6 33	0 44	17 45	1 20	1 43	0 3	0 38	1 2	20 55	0 25	11 9	0 50	21 28	1 5	24 56	2 57	3 12	3 33	6 21		n.a.
W28	4 44	28 44	5 4	5 49	0 38	17 24	1 22	2 2	0 2	0 43	1 2	20 55	0 24	11 10	0 50	21 28	1 5	24 56	2 57	3 12	3 32	6 18		n.a.
T 29	4 20	29 5	5 16	5 5	0 31	17 3	1 24	2 20	0 2	0 49	1 2	20 56	0 24	11 11	0 50	21 27	1 5	24 56	2 57	3 12	3 31	6 14		n.a.
F 30	3n56	27n38	5n10	4n20	0n25	16n40	1n25	2s39	0n 1	0s54	1n 2	20s57	0n24	11s12	0s50	21n27	1n 5	24n56	2n57	3n11	3n30	6s11		n.a.

Julian Day Number = 985322.5, Delta T = 13h08m56s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'26, Lahiri = -31°44'26 Julian Calendar 1 Sept. 2016 BCE == Greg. Calendar 15 Aug. 2016 BCE

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

OCTOBER 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 30 48	21♍17'12	3♌31	21♍48	20♌34	7♎19	4♎47	3♐52	3°R28	0♌49	7°R36	7°R50	8♈35	18♓48	n.a.	S 1
S 2	23 34 45	22°17'59	18°13	23°23	21°48	8° 4	5° 0	3°56	3♓25	0°51	7♊36	7♈48	8°32	18°54	n.a.	S 2
M 3	23 38 42	23°18'47	3♍15	24°59	23° 3	8°49	5°14	4° 0	3°23	0°52	7°36	7°46	8°29	19° 1	n.a.	M 3
T 4	23 42 38	24°19'37	18°27	26°34	24°17	9°34	5°27	4° 4	3°21	0°54	7°35	7°45	8°26	19° 8	n.a.	T 4
W 5	23 46 35	25°20'29	3♎41	28° 9	25°32	10°19	5°41	4° 8	3°18	0°55	7°35	7°D44	8°23	19°14	n.a.	W 5
T 6	23 50 31	26°21'22	18°46	29°43	26°46	11° 3	5°54	4°12	3°16	0°57	7°35	7°45	8°19	19°21	n.a.	T 6
F 7	23 54 28	27°22'16	3♏34	1♎18	28° 1	11°48	6° 8	4°16	3°14	0°58	7°35	7°45	8°16	19°28	n.a.	F 7
S 8	23 58 24	28°23'12	17°58	2°52	29°15	12°33	6°21	4°20	3°12	1° 0	7°34	7°46	8°13	19°34	n.a.	S 8
S 9	0 2 21	29°24'09	1♐56	4°26	0♍30	13°18	6°35	4°24	3°10	1° 1	7°34	7°47	8°10	19°41	n.a.	S 9
M10	0 6 17	0♎25'07	15°28	6° 0	1°45	14° 4	6°48	4°28	3° 8	1° 2	7°34	7°47	8° 7	19°48	n.a.	M10
T 11	0 10 14	1°26'06	28°33	7°34	3° 0	14°49	7° 2	4°33	3° 5	1° 4	7°33	7°R48	8° 4	19°54	n.a.	T 11
W12	0 14 11	2°27'06	11♑17	9° 7	4°14	15°34	7°15	4°37	3° 3	1° 5	7°33	7°48	8° 0	20° 1	n.a.	W12
T 13	0 18 7	3°28'07	23°41	10°40	5°29	16°19	7°29	4°42	3° 1	1° 6	7°32	7°47	7°57	20° 8	n.a.	T 13
F 14	0 22 4	4°29'08	5♒51	12°14	6°44	17° 4	7°42	4°47	2°59	1° 7	7°32	7°47	7°54	20°14	n.a.	F 14
S 15	0 26 0	5°30'11	17°50	13°47	7°59	17°50	7°56	4°51	2°57	1° 9	7°31	7°47	7°51	20°21	n.a.	S 15
S 16	0 29 57	6°31'15	29°43	15°20	9°14	18°35	8° 9	4°56	2°55	1°10	7°31	7°46	7°48	20°28	n.a.	S 16
M17	0 33 53	7°32'19	11♓31	16°53	10°29	19°21	8°23	5° 1	2°54	1°11	7°30	7°D46	7°45	20°34	n.a.	M17
T 18	0 37 50	8°33'24	23°19	18°26	11°44	20° 6	8°36	5° 6	2°52	1°12	7°30	7°46	7°41	20°41	n.a.	T 18
W19	0 41 46	9°34'31	5♈ 9	19°59	12°59	20°52	8°50	5°11	2°50	1°13	7°29	7°R46	7°38	20°48	n.a.	W19
T 20	0 45 43	10°35'38	17° 2	21°31	14°14	21°37	9° 4	5°16	2°48	1°14	7°29	7°46	7°35	20°54	n.a.	T 20
F 21	0 49 40	11°36'46	29° 2	23° 4	15°29	22°23	9°17	5°21	2°46	1°15	7°28	7°46	7°32	21° 1	n.a.	F 21
S 22	0 53 36	12°37'56	11♉ 9	24°36	16°44	23° 9	9°31	5°26	2°44	1°16	7°27	7°46	7°29	21° 8	n.a.	S 22
S 23	0 57 33	13°39'06	23°25	26° 9	17°59	23°54	9°44	5°31	2°43	1°17	7°27	7°45	7°25	21°14	n.a.	S 23
M24	1 1 29	14°40'17	5♊54	27°41	19°14	24°40	9°58	5°37	2°41	1°18	7°26	7°44	7°22	21°21	n.a.	M24
T 25	1 5 26	15°41'30	18°37	29°13	20°29	25°26	10°11	5°42	2°39	1°19	7°25	7°43	7°19	21°27	n.a.	T 25
W26	1 9 22	16°42'43	1♋36	0♏44	21°44	26°12	10°25	5°48	2°38	1°20	7°24	7°42	7°16	21°34	n.a.	W26
T 27	1 13 19	17°43'58	14°55	2°15	22°59	26°58	10°39	5°53	2°36	1°21	7°24	7°D42	7°13	21°41	n.a.	T 27
F 28	1 17 16	18°45'13	28°34	3°46	24°15	27°44	10°52	5°59	2°35	1°21	7°23	7°42	7°10	21°47	n.a.	F 28
S 29	1 21 12	19°46'30	12♌35	5°17	25°30	28°29	11° 6	6° 4	2°33	1°22	7°22	7°43	7° 6	21°54	n.a.	S 29
S 30	1 25 9	20°47'47	26°58	6°47	26°45	29°16	11°19	6°10	2°32	1°23	7°21	7°44	7° 3	22° 1	n.a.	S 30
M31	1 29 5	21♎49'05	11♍39	8♏16	28♍ 0	0♏ 2	11♎33	6♐16	2♓31	1♌24	7♊20	7♈45	7♈ 0	22♓ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n31	24n23	4n45	3n36	0n18	16n18	1n27	2s57	0n 0	1s 0	1n 2	20s58	0n24	11s13	0s50	21n27	1n 5	24n56	2n57	3n10	3n28	6s 7		n.a.
S 2	3 7	19 29	4 1	2 52	0 12	15 55	1 28	3 16	0s 0	1 5	1 2	20 59	0 24	11 14	0 50	21 26	1 5	24 56	2 58	3 9	3 27	6 4		n.a.
M 3	2 42	13 18	3 0	2 7	0 6	15 31	1 29	3 35	0 1	1 11	1 2	20 59	0 24	11 14	0 50	21 26	1 5	24 57	2 58	3 9	3 26	6 0		n.a.
T 4	2 18	6 16	1 45	1 23	0s 1	15 7	1 31	3 53	0 2	1 16	1 2	21 0	0 24	11 15	0 50	21 26	1 5	24 57	2 58	3 8	3 25	5 57		n.a.
W 5	1 53	1s 9	0 23	0 38	0 7	14 42	1 32	4 12	0 2	1 22	1 2	21 1	0 24	11 16	0 50	21 26	1 5	24 57	2 58	3 8	3 23	5 54		n.a.
T 6	1 29	8 26	1s 1	0s 6	0 14	14 18	1 33	4 31	0 3	1 27	1 2	21 2	0 23	11 17	0 50	21 25	1 5	24 57	2 58	3 8	3 22	5 50		n.a.
F 7	1 4	15 7	2 19	0 50	0 20	13 52	1 34	4 49	0 4	1 33	1 1	21 3	0 23	11 18	0 50	21 25	1 6	24 57	2 58	3 8	3 21	5 47		n.a.
S 8	0 39	20 49	3 25	1 34	0 27	13 26	1 35	5 8	0 4	1 38	1 1	21 4	0 23	11 19	0 50	21 25	1 6	24 57	2 58	3 9	3 19	5 43		n.a.
S 9	0 15	25 10	4 18	2 18	0 33	13 0	1 36	5 26	0 5	1 44	1 1	21 5	0 23	11 19	0 50	21 24	1 6	24 57	2 59	3 9	3 18	5 40		n.a.
M10	0s10	27 59	4 54	3 2	0 39	12 34	1 36	5 45	0 6	1 49	1 1	21 6	0 23	11 20	0 50	21 24	1 6	24 57	2 59	3 9	3 17	5 36		n.a.
T 11	0 35	29 9	5 14	3 45	0 45	12 7	1 37	6 3	0 7	1 55	1 1	21 6	0 23	11 21	0 50	21 24	1 6	24 57	2 59	3 9	3 16	5 33		n.a.
W12	1 0	28 42	5 17	4 28	0 52	11 40	1 38	6 22	0 7	2 0	1 1	21 7	0 23	11 22	0 50	21 24	1 6	24 57	2 59	3 9	3 14	5 29		n.a.
T 13	1 24	26 49	5 6	5 11	0 58	11 12	1 38	6 40	0 8	2 6	1 1	21 8	0 23	11 22	0 50	21 23	1 6	24 57	2 59	3 9	3 13	5 26		n.a.
F 14	1 49	23 43	4 40	5 54	1 4	10 44	1 38	6 58	0 9	2 11	1 1	21 9	0 23	11 23	0 50	21 23	1 6	24 57	2 59	3 9	3 12	5 23		n.a.
S 15	2 14	19 39	4 3	6 36	1 9	10 16	1 39	7 17	0 9	2 17	1 1	21 10	0 22	11 24	0 50	21 23	1 6	24 58	2 59	3 9	3 10	5 19		n.a.
S 16	2 38	14 51	3 16	7 18	1 15	9 48	1 39	7 35	0 10	2 22	1 1	21 11	0 22	11 24	0 50	21 23	1 6	24 58	3 0	3 9	3 9	5 16		n.a.
M17	3 3	9 33	2 21	8 0	1 21	9 19	1 39	7 53	0 11	2 28	1 1	21 12	0 22	11 25	0 50	21 22	1 6	24 58	3 0	3 9	3 8	5 12		n.a.
T 18	3 28	3 55	1 19	8 41	1 26	8 50	1 39	8 11	0 11	2 33	1 1	21 13	0 22	11 26	0 49	21 22	1 6	24 58	3 0	3 9	3 7	5 9		n.a.
W19	3 52	1n52	0 15	9 22	1 31	8 21	1 39	8 29	0 12	2 39	1 1	21 14	0 22	11 26	0 49	21 22	1 6	24 58	3 0	3 9	3 5	5 5		n.a.
T 20	4 17	7 37	0n51	10 2	1 36	7 51	1 39	8 47	0 13	2 44	1 0	21 15	0 22	11 27	0 49	21 22	1 6	24 58	3 0	3 9	3 4	5 2		n.a.
F 21	4 41	13 9	1 55	10 42	1 41	7 21	1 39	9 5	0 13	2 50	1 0	21 16	0 22	11 28	0 49	21 22	1 6	24 58	3 0	3 9	3 3	4 58		n.a.
S 22	5 5	18 15	2 55	11 21	1 46	6 51	1 39	9 23	0 14	2 55	1 0	21 18	0 22	11 28	0 49	21 22	1 6	24 58	3 0	3 8	3 2	4 55		n.a.
S 23	5 30	22 40	3 47	12 0	1 50	6 21	1 39	9 41	0 15	3 1	1 0	21 19	0 22	11 29	0 49	21 21	1 6	24 58	3 1	3 8	3 0	4 52		n.a.
M24	5 54	26 9	4 30	12 38	1 54	5 51	1 38	9 59	0 15	3 6	1 0	21 20	0 21	11 29	0 49	21 21	1 6	24 58	3 1	3 8	2 59	4 48		n.a.
T 25	6 18	28 24	5 0	13 15	1 58	5 20	1 38	10 17	0 16	3 12	1 0	21 21	0 21	11 30	0 49	21 21	1 6	24 58	3 1	3 7	2 58	4 45		n.a.
W26	6 42	29 11	5 15	13 51	2 1	4 50	1 38	10 34	0 17	3 17	1 0	21 22	0 21	11 31	0 49	21 21	1 6	24 58	3 1	3 7	2 56	4 41		n.a.
T 27	7 6	28 17	5 15	14 27	2 5	4 19	1 37	10 52	0 17	3 23	1 0	21 23	0 21	11 31	0 49	21 21	1 6	24 58	3 1	3 7	2 55	4 38		n.a.
F 28	7 30	25 42	4 57	15 1	2 8	3 48	1 36	11 9	0 18	3 28	1 0	21 24	0 21	11 32	0 49	21 21	1 6	24 58	3 1	3 7	2 54	4 34		n.a.
S 29	7 53	21 32	4 20	15 35	2 10	3 17	1 36	11 27	0 19	3 34	1 0	21 25	0 21	11 32	0 49	21 20	1 7	24 58	3 1	3 7	2 53	4 31		n.a.
S 30	8 17	16 1	3 27	16 8	2 12	2 46	1 35	11 44	0 19	3 39	1 0	21 26	0 21	11 33	0 49	21 20	1 7	24 58	3 2	3 8	2 51	4 27		n.a.
M31	8s40	9n29	2n20	16s39	2s14	2n15	1n34	12s 1	0s20	3s44	1n 0	21s27	0n21	11s33	0s49	21n20	1n 7	24n58	3n 2	3n 8	2n50	4s24		n.a.

Julian Day Number = 985352.5, Delta T = 13h08m54s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'22, Lahiri = -31°44'22 Julian Calendar 1 Oct. 2016 BCE == Greg. Calendar 14 Sept. 2016 BCE

The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

NOVEMBER 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 33 2	22♎50'23	26♍34	9♏44	29♍16	0♏48	11♎46	6♐22	2°R29	1♑24	7°R19	7♈46	6♈57	22♓14	n.a.	T 1
W 2	1 36 58	23°51'43	11♎36	11°12	0♎31	1°34	12° 0	6°28	2♓28	1°25	7♊18	7°R46	6°54	22°21	n.a.	W 2
T 3	1 40 55	24°53'03	26°36	12°38	1°46	2°20	12°13	6°34	2°27	1°25	7°18	7°45	6°50	22°27	n.a.	T 3
F 4	1 44 51	25°54'23	11♏25	14° 3	3° 1	3° 6	12°26	6°40	2°25	1°26	7°17	7°43	6°47	22°34	n.a.	F 4
S 5	1 48 48	26°55'43	25°57	15°26	4°17	3°53	12°40	6°46	2°24	1°27	7°16	7°41	6°44	22°41	n.a.	S 5
S 6	1 52 45	27°57'04	10♐ 5	16°48	5°32	4°39	12°53	6°52	2°23	1°27	7°15	7°38	6°41	22°47	n.a.	S 6
M 7	1 56 41	28°58'25	23°46	18° 7	6°47	5°25	13° 6	6°58	2°22	1°28	7°14	7°35	6°38	22°54	n.a.	M 7
T 8	2 0 38	29°59'46	7♑ 0	19°23	8° 3	6°12	13°20	7° 4	2°21	1°28	7°13	7°33	6°35	23° 1	n.a.	T 8
W 9	2 4 34	1♏ 1'07	19°49	20°36	9°18	6°58	13°33	7°10	2°20	1°28	7°12	7°31	6°31	23° 7	n.a.	W 9
T 10	2 8 31	2° 2'27	2♒16	21°45	10°33	7°44	13°46	7°17	2°19	1°29	7°11	7°D30	6°28	23°14	n.a.	T 10
F 11	2 12 27	3° 3'48	14°26	22°50	11°49	8°31	14° 0	7°23	2°18	1°29	7°10	7°31	6°25	23°21	n.a.	F 11
S 12	2 16 24	4° 5'08	26°24	23°50	13° 4	9°17	14°13	7°29	2°17	1°29	7° 8	7°32	6°22	23°27	n.a.	S 12
S 13	2 20 21	5° 6'28	8♓13	24°44	14°19	10° 4	14°26	7°36	2°17	1°30	7° 7	7°34	6°19	23°34	n.a.	S 13
M14	2 24 17	6° 7'47	20° 0	25°32	15°35	10°51	14°39	7°42	2°16	1°30	7° 6	7°36	6°16	23°40	n.a.	M14
T 15	2 28 14	7° 9'07	1♈48	26°12	16°50	11°37	14°52	7°49	2°15	1°30	7° 5	7°R37	6°12	23°47	n.a.	T 15
W16	2 32 10	8°10'26	13°42	26°44	18° 5	12°24	15° 5	7°55	2°15	1°30	7° 4	7°37	6° 9	23°54	n.a.	W16
T 17	2 36 7	9°11'44	25°43	27° 6	19°20	13°10	15°18	8° 2	2°14	1°30	7° 3	7°36	6° 6	24° 0	n.a.	T 17
F 18	2 40 3	10°13'03	7♉53	27°18	20°36	13°57	15°31	8° 9	2°14	1°30	7° 2	7°32	6° 3	24° 7	n.a.	F 18
S 19	2 44 0	11°14'21	20°16	27°R20	21°51	14°44	15°44	8°15	2°13	1°30	7° 0	7°28	6° 0	24°14	n.a.	S 19
S 20	2 47 56	12°15'40	2♊50	27°10	23° 6	15°31	15°57	8°22	2°13	1°R30	6°59	7°22	5°56	24°20	n.a.	S 20
M21	2 51 53	13°16'58	15°37	26°48	24°22	16°17	16°10	8°29	2°12	1°30	6°58	7°15	5°53	24°27	n.a.	M21
T 22	2 55 50	14°18'15	28°37	26°14	25°37	17° 4	16°23	8°35	2°12	1°30	6°57	7° 9	5°50	24°34	n.a.	T 22
W23	2 59 46	15°19'33	11♋49	25°29	26°52	17°51	16°36	8°42	2°12	1°30	6°56	7° 3	5°47	24°40	n.a.	W23
T 24	3 3 43	16°20'51	25°15	24°33	28° 8	18°38	16°48	8°49	2°11	1°30	6°54	6°59	5°44	24°47	n.a.	T 24
F 25	3 7 39	17°22'08	8♌53	23°29	29°23	19°25	17° 1	8°56	2°11	1°30	6°53	6°57	5°41	24°54	n.a.	F 25
S 26	3 11 36	18°23'25	22°46	22°17	0♏38	20°12	17°14	9° 3	2°11	1°30	6°52	6°D57	5°37	25° 0	n.a.	S 26
S 27	3 15 32	19°24'41	6♍52	21° 1	1°54	20°58	17°26	9°10	2°11	1°30	6°51	6°58	5°34	25° 7	n.a.	S 27
M28	3 19 29	20°25'58	21°10	19°41	3° 9	21°45	17°39	9°17	2°D11	1°29	6°49	6°59	5°31	25°14	n.a.	M28
T 29	3 23 26	21°27'14	5♎39	18°22	4°24	22°32	17°51	9°24	2°11	1°29	6°48	7°R 0	5°28	25°20	n.a.	T 29
W30	3 27 22	22♏28'29	20♎15	17♏ 6	5♏39	23♏19	18♎ 4	9♐31	2♓11	1♑29	6♊47	6♈59	5♈25	25♓27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s 3	2n20	1n 2	17s 9	2s15	1n43	1n33	12s18	0s21	3s50	1n 0	21s28	0n21	11s34	0s49	21n20	1n 7	24n58	3n 2	3n 8	2n49	4s20		n.a.
W 2	9 27	5s 0	0s21	17 38	2 16	1 12	1 32	12 35	0 21	3 55	1 0	21 30	0 21	11 34	0 49	21 20	1 7	24 58	3 2	3 8	2 47	4 17		n.a.
T 3	9 50	12 3	1 42	18 6	2 16	0 40	1 31	12 52	0 22	4 1	1 0	21 31	0 20	11 34	0 49	21 20	1 7	24 58	3 2	3 8	2 46	4 14		n.a.
F 4	10 12	18 20	2 56	18 31	2 15	0 9	1 30	13 9	0 23	4 6	1 0	21 32	0 20	11 35	0 49	21 20	1 7	24 58	3 2	3 8	2 45	4 10		n.a.
S 5	10 35	23 27	3 56	18 56	2 14	0s23	1 29	13 26	0 23	4 11	1 0	21 33	0 20	11 35	0 49	21 20	1 7	24 58	3 2	3 7	2 44	4 7		n.a.
S 6	10 58	27 2	4 40	19 18	2 12	0 54	1 28	13 42	0 24	4 17	1 0	21 34	0 20	11 36	0 49	21 20	1 7	24 58	3 2	3 5	2 42	4 3		n.a.
M 7	11 20	28 53	5 6	19 38	2 9	1 26	1 26	13 59	0 25	4 22	1 0	21 35	0 20	11 36	0 49	21 20	1 7	24 58	3 3	3 4	2 41	4 0		n.a.
T 8	11 42	28 59	5 15	19 57	2 6	1 57	1 25	14 15	0 25	4 27	1 0	21 36	0 20	11 36	0 49	21 20	1 7	24 57	3 3	3 3	2 40	3 56		n.a.
W 9	12 4	27 30	5 8	20 13	2 1	2 29	1 24	14 31	0 26	4 32	1 0	21 38	0 20	11 37	0 49	21 20	1 7	24 57	3 3	3 2	2 38	3 53		n.a.
T 10	12 26	24 42	4 46	20 26	1 56	3 0	1 22	14 48	0 27	4 38	1 0	21 39	0 20	11 37	0 49	21 20	1 7	24 57	3 3	3 2	2 37	3 49		n.a.
F 11	12 47	20 51	4 12	20 37	1 49	3 32	1 21	15 3	0 27	4 43	1 0	21 40	0 20	11 37	0 49	21 20	1 7	24 57	3 3	3 2	2 36	3 46		n.a.
S 12	13 8	16 13	3 28	20 45	1 42	4 3	1 19	15 19	0 28	4 48	1 0	21 41	0 20	11 37	0 49	21 20	1 7	24 57	3 3	3 3	2 35	3 42		n.a.
S 13	13 29	11 2	2 35	20 51	1 33	4 34	1 17	15 35	0 28	4 53	1 0	21 42	0 19	11 38	0 49	21 20	1 7	24 57	3 3	3 4	2 33	3 39		n.a.
M14	13 50	5 30	1 35	20 53	1 23	5 5	1 16	15 50	0 29	4 59	0 59	21 43	0 19	11 38	0 49	21 20	1 7	24 57	3 3	3 5	2 32	3 35		n.a.
T 15	14 11	0n15	0 32	20 52	1 12	5 36	1 14	16 6	0 30	5 4	0 59	21 45	0 19	11 38	0 48	21 20	1 7	24 57	3 3	3 5	2 31	3 32		n.a.
W16	14 31	6 1	0n33	20 47	0 59	6 7	1 12	16 21	0 30	5 9	0 59	21 46	0 19	11 38	0 48	21 20	1 7	24 57	3 4	3 5	2 30	3 28		n.a.
T 17	14 51	11 39	1 37	20 39	0 45	6 38	1 11	16 36	0 31	5 14	0 59	21 47	0 19	11 39	0 48	21 20	1 7	24 57	3 4	3 4	2 28	3 25		n.a.
F 18	15 11	16 54	2 38	20 27	0 30	7 9	1 9	16 51	0 32	5 19	0 59	21 48	0 19	11 39	0 48	21 20	1 7	24 57	3 4	3 3	2 27	3 21		n.a.
S 19	15 30	21 34	3 32	20 11	0 13	7 39	1 7	17 6	0 32	5 24	0 59	21 49	0 19	11 39	0 48	21 20	1 8	24 57	3 4	3 1	2 26	3 18		n.a.
S 20	15 50	25 20	4 16	19 51	0n 4	8 9	1 5	17 20	0 33	5 29	0 59	21 50	0 19	11 39	0 48	21 20	1 8	24 56	3 4	2 59	2 24	3 14		n.a.
M21	16 9	27 55	4 49	19 28	0 23	8 40	1 3	17 35	0 33	5 34	0 59	21 52	0 19	11 39	0 48	21 20	1 8	24 56	3 4	2 56	2 23	3 11		n.a.
T 22	16 27	29 2	5 7	19 1	0 42	9 9	1 1	17 49	0 34	5 39	0 59	21 53	0 19	11 39	0 48	21 20	1 8	24 56	3 4	2 53	2 22	3 8		n.a.
W23	16 46	28 32	5 9	18 31	1 2	9 39	0 59	18 3	0 35	5 44	0 59	21 54	0 19	11 39	0 48	21 20	1 8	24 56	3 4	2 51	2 21	3 4		n.a.
T 24	17 4	26 21	4 55	17 58	1 22	10 9	0 57	18 17	0 35	5 49	0 59	21 55	0 18	11 39	0 48	21 20	1 8	24 56	3 4	2 50	2 19	3 1		n.a.
F 25	17 22	22 38	4 24	17 23	1 42	10 38	0 55	18 31	0 36	5 54	0 59	21 56	0 18	11 39	0 48	21 20	1 8	24 56	3 5	2 49	2 18	2 57		n.a.
S 26	17 39	17 37	3 37	16 46	2 1	11 7	0 52	18 44	0 36	5 59	0 59	21 57	0 18	11 39	0 48	21 20	1 8	24 56	3 5	2 49	2 17	2 54		n.a.
S 27	17 56	11 35	2 36	16 9	2 18	11 35	0 50	18 58	0 37	6 4	0 59	21 59	0 18	11 39	0 48	21 20	1 8	24 56	3 5	2 49	2 15	2 50		n.a.
M28	18 13	4 52	1 25	15 33	2 34	12 4	0 48	19 11	0 38	6 9	0 59	22 0	0 18	11 39	0 48	21 20	1 8	24 56	3 5	2 50	2 14	2 47		n.a.
T 29	18 30	2s11	0 7	14 58	2 48	12 32	0 46	19 24	0 38	6 14	0 59	22 1	0 18	11 39	0 48	21 20	1 8	24 55	3 5	2 50	2 13	2 43		n.a.
W30	18s46	9s10	1s11	14s25	3n 0	13s 0	0n43	19s36	0s39	6s19	0n59	22s 2	0n18	11s39	0s48	21n21	1n 8	24n55	3n 5	2n50	2n12	2s40		n.a.

Julian Day Number = 985383.5, Delta T = 13h08m52s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'18, Lahiri = -31°44'18 Julian Calendar 1 Nov. 2016 BCE == Greg. Calendar 15 Oct. 2016 BCE

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ASTRODIENST EPHEMERIS for the year 2016 BCE
geocentric

DECEMBER 2016 BCE (-2015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 31 19	23♏29'44	4♏53	15°R54	6♏55	24♏ 6	18♎16	9♐38	2♓11	1°R28	6°R45	6°R56	5♈22	25♓34	n.a.	T 1
F 2	3 35 15	24°30'59	19°26	14♏49	8°10	24°53	18°28	9°45	2°12	1♌28	6♊44	6♈51	5°18	25°40	n.a.	F 2
S 3	3 39 12	25°32'12	3♐48	13°51	9°25	25°41	18°40	9°52	2°12	1°27	6°43	6°44	5°15	25°47	n.a.	S 3
S 4	3 43 8	26°33'25	17°52	13° 2	10°40	26°28	18°52	9°59	2°12	1°27	6°41	6°35	5°12	25°53	n.a.	S 4
M 5	3 47 5	27°34'37	1♑34	12°23	11°56	27°15	19° 5	10° 6	2°13	1°27	6°40	6°26	5° 9	26° 0	n.a.	M 5
T 6	3 51 2	28°35'48	14°52	11°53	13°11	28° 2	19°17	10°13	2°13	1°26	6°39	6°18	5° 6	26° 7	n.a.	T 6
W 7	3 54 58	29°36'57	27°45	11°32	14°26	28°49	19°29	10°20	2°13	1°25	6°37	6°11	5° 2	26°13	n.a.	W 7
T 8	3 58 55	0♐38'06	10♒16	11°20	15°41	29°36	19°40	10°27	2°14	1°25	6°36	6° 7	4°59	26°20	n.a.	T 8
F 9	4 2 51	1°39'13	22°28	11°D16	16°56	0♐23	19°52	10°34	2°15	1°24	6°35	6° 4	4°56	26°27	n.a.	F 9
S 10	4 6 48	2°40'18	4♓27	11°21	18°12	1°10	20° 4	10°41	2°15	1°24	6°33	6°D 4	4°53	26°33	n.a.	S 10
S 11	4 10 44	3°41'22	16°17	11°33	19°27	1°58	20°16	10°49	2°16	1°23	6°32	6° 4	4°50	26°40	n.a.	S 11
M12	4 14 41	4°42'25	28° 4	11°52	20°42	2°45	20°27	10°56	2°17	1°22	6°31	6° 5	4°47	26°47	n.a.	M12
T 13	4 18 38	5°43'27	9♈53	12°17	21°57	3°32	20°39	11° 3	2°17	1°21	6°29	6°R 6	4°43	26°53	n.a.	T 13
W14	4 22 34	6°44'26	21°50	12°48	23°12	4°19	20°50	11°10	2°18	1°21	6°28	6° 4	4°40	27° 0	n.a.	W14
T 15	4 26 31	7°45'25	3♉57	13°24	24°27	5° 6	21° 1	11°17	2°19	1°20	6°27	6° 0	4°37	27° 7	n.a.	T 15
F 16	4 30 27	8°46'22	16°19	14° 5	25°42	5°54	21°13	11°25	2°20	1°19	6°25	5°54	4°34	27°13	n.a.	F 16
S 17	4 34 24	9°47'18	28°57	14°50	26°57	6°41	21°24	11°32	2°21	1°18	6°24	5°45	4°31	27°20	n.a.	S 17
S 18	4 38 20	10°48'12	11♊51	15°40	28°12	7°28	21°35	11°39	2°22	1°17	6°23	5°34	4°28	27°27	n.a.	S 18
M19	4 42 17	11°49'05	25° 1	16°33	29°28	8°15	21°46	11°46	2°23	1°16	6°21	5°22	4°24	27°33	n.a.	M19
T 20	4 46 13	12°49'57	8♋26	17°29	0♐43	9° 2	21°57	11°53	2°24	1°15	6°20	5°10	4°21	27°40	n.a.	T 20
W21	4 50 10	13°50'48	22° 2	18°28	1°58	9°50	22° 8	12° 1	2°25	1°14	6°19	5° 0	4°18	27°46	n.a.	W21
T 22	4 54 7	14°51'37	5♌47	19°30	3°13	10°37	22°18	12° 8	2°27	1°13	6°17	4°52	4°15	27°53	n.a.	T 22
F 23	4 58 3	15°52'25	19°39	20°34	4°28	11°24	22°29	12°15	2°28	1°12	6°16	4°47	4°12	28° 0	n.a.	F 23
S 24	5 2 0	16°53'11	3♍36	21°41	5°43	12°12	22°40	12°22	2°29	1°11	6°15	4°44	4° 8	28° 6	n.a.	S 24
S 25	5 5 56	17°53'56	17°39	22°50	6°58	12°59	22°50	12°29	2°31	1°10	6°13	4°D43	4° 5	28°13	n.a.	S 25
M26	5 9 53	18°54'40	1♎44	24° 0	8°13	13°46	23° 0	12°37	2°32	1° 9	6°12	4°R44	4° 2	28°20	n.a.	M26
T 27	5 13 49	19°55'23	15°53	25°13	9°28	14°33	23°11	12°44	2°33	1° 8	6°11	4°43	3°59	28°26	n.a.	T 27
W28	5 17 46	20°56'04	0♏ 4	26°27	10°43	15°21	23°21	12°51	2°35	1° 7	6° 9	4°41	3°56	28°33	n.a.	W28
T 29	5 21 43	21°56'44	14°14	27°43	11°57	16° 8	23°31	12°58	2°37	1° 6	6° 8	4°36	3°53	28°40	n.a.	T 29
F 30	5 25 39	22°57'23	28°20	29° 0	13°12	16°55	23°41	13° 5	2°38	1° 5	6° 7	4°28	3°49	28°46	n.a.	F 30
S 31	5 29 36	23♐57'59	12♐18	0♐19	14♐27	17♐42	23♎51	13♐12	2♓40	1♌ 3	6♊ 6	4♈18	3♈46	28♓53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 2	15s41	2s25	13s56	3n 9	13s27	0n41	19s49	0s39	6s23	0n59	22s 3	0n18	11s39	0s48	21n21	1n 8	24n55	3n 5	2n49	2n10	2s36		n.a.
F 2	19 17	21 17	3 29	13 30	3 16	13 54	0 39	20 1	0 40	6 28	1 0	22 4	0 18	11 39	0 48	21 21	1 8	24 55	3 5	2 46	2 9	2 33		n.a.
S 3	19 32	25 34	4 18	13 8	3 20	14 21	0 37	20 13	0 40	6 33	1 0	22 5	0 18	11 39	0 48	21 21	1 8	24 55	3 5	2 44	2 8	2 29		n.a.
S 4	19 47	28 11	4 51	12 51	3 23	14 47	0 34	20 25	0 41	6 37	1 0	22 7	0 18	11 39	0 48	21 21	1 8	24 55	3 5	2 40	2 6	2 26		n.a.
M 5	20 1	29 1	5 6	12 39	3 23	15 13	0 32	20 37	0 42	6 42	1 0	22 8	0 18	11 38	0 48	21 21	1 8	24 55	3 5	2 36	2 5	2 22		n.a.
T 6	20 15	28 6	5 3	12 30	3 22	15 39	0 29	20 49	0 42	6 47	1 0	22 9	0 17	11 38	0 48	21 21	1 8	24 54	3 6	2 33	2 4	2 19		n.a.
W 7	20 29	25 42	4 46	12 27	3 19	16 4	0 27	21 0	0 43	6 51	1 0	22 10	0 17	11 38	0 48	21 22	1 8	24 54	3 6	2 30	2 3	2 15		n.a.
T 8	20 42	22 6	4 14	12 27	3 15	16 29	0 25	21 11	0 43	6 56	1 0	22 11	0 17	11 38	0 48	21 22	1 8	24 54	3 6	2 28	2 1	2 12		n.a.
F 9	20 55	17 38	3 32	12 31	3 10	16 53	0 22	21 22	0 44	7 0	1 0	22 12	0 17	11 37	0 47	21 22	1 9	24 54	3 6	2 28	2 0	2 8		n.a.
S 10	21 7	12 34	2 41	12 38	3 4	17 17	0 20	21 32	0 44	7 5	1 0	22 13	0 17	11 37	0 47	21 22	1 9	24 54	3 6	2 27	1 59	2 5		n.a.
S 11	21 19	7 7	1 44	12 48	2 57	17 40	0 17	21 42	0 45	7 9	1 0	22 15	0 17	11 37	0 47	21 22	1 9	24 54	3 6	2 28	1 57	2 1		n.a.
M12	21 31	1 26	0 43	13 1	2 49	18 3	0 15	21 53	0 45	7 14	1 0	22 16	0 17	11 37	0 47	21 23	1 9	24 53	3 6	2 28	1 56	1 58		n.a.
T 13	21 42	4n18	0n20	13 17	2 41	18 26	0 12	22 2	0 46	7 18	1 0	22 17	0 17	11 36	0 47	21 23	1 9	24 53	3 6	2 28	1 55	1 54		n.a.
W14	21 53	9 57	1 23	13 35	2 33	18 48	0 10	22 12	0 46	7 22	1 0	22 18	0 17	11 36	0 47	21 23	1 9	24 53	3 6	2 27	1 54	1 51		n.a.
T 15	22 3	15 20	2 23	13 54	2 24	19 9	0 8	22 21	0 47	7 27	1 0	22 19	0 17	11 36	0 47	21 23	1 9	24 53	3 6	2 26	1 52	1 47		n.a.
F 16	22 13	20 12	3 17	14 15	2 15	19 30	0 5	22 30	0 47	7 31	1 0	22 20	0 17	11 35	0 47	21 23	1 9	24 53	3 6	2 23	1 51	1 44		n.a.
S 17	22 22	24 17	4 3	14 37	2 6	19 50	0 3	22 39	0 48	7 35	1 0	22 21	0 17	11 35	0 47	21 24	1 9	24 53	3 6	2 20	1 50	1 40		n.a.
S 18	22 31	27 15	4 37	15 1	1 56	20 10	0 0	22 48	0 48	7 39	1 0	22 22	0 16	11 34	0 47	21 24	1 9	24 52	3 6	2 15	1 48	1 37		n.a.
M19	22 40	28 47	4 57	15 25	1 47	20 29	0s 2	22 56	0 49	7 43	1 0	22 23	0 16	11 34	0 47	21 24	1 9	24 52	3 7	2 10	1 47	1 33		n.a.
T 20	22 48	28 40	5 2	15 50	1 37	20 48	0 5	23 4	0 49	7 48	1 0	22 24	0 16	11 33	0 47	21 24	1 9	24 52	3 7	2 6	1 46	1 30		n.a.
W21	22 56	26 50	4 49	16 16	1 28	21 6	0 7	23 12	0 50	7 52	1 0	22 25	0 16	11 33	0 47	21 25	1 9	24 52	3 7	2 2	1 45	1 26		n.a.
T 22	23 3	23 24	4 20	16 42	1 18	21 23	0 9	23 20	0 50	7 56	1 0	22 26	0 16	11 33	0 47	21 25	1 9	24 52	3 7	1 58	1 43	1 23		n.a.
F 23	23 10	18 37	3 35	17 9	1 9	21 40	0 12	23 27	0 51	8 0	1 0	22 27	0 16	11 32	0 47	21 25	1 9	24 52	3 7	1 56	1 42	1 19		n.a.
S 24	23 16	12 49	2 37	17 36	1 0	21 56	0 14	23 34	0 51	8 4	1 0	22 29	0 16	11 31	0 47	21 26	1 9	24 51	3 7	1 55	1 41	1 16		n.a.
S 25	23 22	6 21	1 29	18 2	0 51	22 11	0 17	23 41	0 52	8 7	1 0	22 30	0 16	11 31	0 47	21 26	1 9	24 51	3 7	1 55	1 39	1 12		n.a.
M26	23 27	0s28	0 16	18 29	0 42	22 26	0 19	23 47	0 52	8 11	1 0	22 31	0 16	11 30	0 47	21 26	1 9	24 51	3 7	1 55	1 38	1 9		n.a.
T 27	23 32	7 17	0s59	18 56	0 33	22 40	0 21	23 53	0 53	8 15	1 0	22 32	0 16	11 30	0 47	21 26	1 9	24 51	3 7	1 55	1 37	1 5		n.a.
W28	23 37	13 45	2 10	19 22	0 24	22 54	0 24	23 59	0 53	8 19	1 1	22 33	0 16	11 29	0 47	21 27	1 9	24 51	3 7	1 54	1 36	1 2		n.a.
T 29	23 41	19 30	3 13	19 48	0 15	23 7	0 26	24 5	0 54	8 23	1 1	22 34	0 16	11 29	0 47	21 27	1 9	24 50	3 7	1 52	1 34	0 58		n.a.
F 30	23 44	24 9	4 3	20 14	0 7	23 19	0 28	24 10	0 54	8 26	1 1	22 35	0 16	11 28	0 47	21 27	1 9	24 50	3 7	1 49	1 33	0 55		n.a.
S 31	23s47	27s20	4s39	20s39	0s 1	23s30	0s30	24s15	0s54	8s30	1n 1	22s36	0n15	11s27	0s47	21n28	1n 9	24n50	3n 7	1n44	1n32	0s51		n.a.

Julian Day Number = 985413.5, Delta T = 13h08m50s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'14, Lahiri = -31°44'14 Julian Calendar 1 Dec. 2016 BCE == Greg. Calendar 14 Nov. 2016 BCE

The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

JANUARY 2015 BCE (-2014) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 33 32	24♐58'35	26♐ 4	1♐39	15♐42	18♐30	24♎ 0	13♐20	2♓42	1°R 2	6°R 4	4°R 5	3♈43	29♓ 0	n.a.	S 1
M 2	5 37 29	25°59'08	9♑33	3° 1	16°57	19°17	24°10	13°27	2°43	1♌ 1	6♊ 3	3♈52	3°40	29° 6	n.a.	M 2
T 3	5 41 25	26°59'40	22°42	4°24	18°12	20° 4	24°19	13°34	2°45	1° 0	6° 2	3°40	3°37	29°13	n.a.	T 3
W 4	5 45 22	28° 0'09	5♒32	5°48	19°27	20°52	24°29	13°41	2°47	0°58	6° 0	3°29	3°34	29°20	n.a.	W 4
T 5	5 49 18	29° 0'37	18° 2	7°13	20°42	21°39	24°38	13°48	2°49	0°57	5°59	3°21	3°30	29°26	n.a.	T 5
F 6	5 53 15	0♑ 1'02	0♓14	8°39	21°57	22°26	24°47	13°55	2°51	0°56	5°58	3°15	3°27	29°33	n.a.	F 6
S 7	5 57 12	1° 1'25	12°14	10° 6	23°11	23°13	24°56	14° 2	2°53	0°54	5°57	3°12	3°24	29°39	n.a.	S 7
S 8	6 1 8	2° 1'47	24° 4	11°34	24°26	24° 0	25° 5	14° 9	2°55	0°53	5°56	3°11	3°21	29°46	n.a.	S 8
M 9	6 5 5	3° 2'05	5♈52	13° 4	25°41	24°48	25°14	14°16	2°57	0°51	5°54	3°11	3°18	29°53	n.a.	M 9
T 10	6 9 1	4° 2'22	17°42	14°34	26°56	25°35	25°22	14°23	2°59	0°50	5°53	3°11	3°14	29°59	n.a.	T 10
W11	6 12 58	5° 2'36	29°40	16° 6	28°10	26°22	25°31	14°30	3° 1	0°49	5°52	3° 9	3°11	0♈ 6	n.a.	W11
T 12	6 16 54	6° 2'49	11♉50	17°38	29°25	27° 9	25°39	14°37	3° 3	0°47	5°51	3° 5	3° 8	0°13	n.a.	T 12
F 13	6 20 51	7° 2'59	24°18	19°12	0♑40	27°56	25°48	14°44	3° 5	0°46	5°50	2°58	3° 5	0°19	n.a.	F 13
S 14	6 24 47	8° 3'07	7♊ 6	20°47	1°55	28°44	25°56	14°50	3° 8	0°44	5°49	2°49	3° 2	0°26	n.a.	S 14
S 15	6 28 44	9° 3'12	20°16	22°22	3° 9	29°31	26° 4	14°57	3°10	0°43	5°48	2°37	2°59	0°33	n.a.	S 15
M16	6 32 41	10° 3'16	3♋46	23°59	4°24	0♑18	26°12	15° 4	3°12	0°41	5°47	2°25	2°55	0°39	n.a.	M16
T 17	6 36 37	11° 3'17	17°35	25°37	5°39	1° 5	26°19	15°11	3°15	0°40	5°45	2°12	2°52	0°46	n.a.	T 17
W18	6 40 34	12° 3'17	1♌37	27°16	6°53	1°52	26°27	15°18	3°17	0°38	5°44	2° 1	2°49	0°53	n.a.	W18
T 19	6 44 30	13° 3'14	15°49	28°55	8° 8	2°39	26°35	15°24	3°19	0°36	5°43	1°52	2°46	0°59	n.a.	T 19
F 20	6 48 27	14° 3'10	0♍ 6	0♑36	9°23	3°26	26°42	15°31	3°22	0°35	5°42	1°46	2°43	1° 6	n.a.	F 20
S 21	6 52 23	15° 3'03	14°22	2°19	10°37	4°13	26°49	15°38	3°24	0°33	5°41	1°43	2°40	1°13	n.a.	S 21
S 22	6 56 20	16° 2'55	28°35	4° 2	11°52	5° 0	26°56	15°44	3°27	0°32	5°40	1°D42	2°36	1°19	n.a.	S 22
M23	7 0 16	17° 2'44	12♎44	5°46	13° 6	5°47	27° 3	15°51	3°30	0°30	5°39	1°R42	2°33	1°26	n.a.	M23
T 24	7 4 13	18° 2'32	26°46	7°32	14°21	6°34	27°10	15°57	3°32	0°29	5°38	1°42	2°30	1°32	n.a.	T 24
W25	7 8 10	19° 2'18	10♏42	9°18	15°36	7°21	27°16	16° 4	3°35	0°27	5°37	1°40	2°27	1°39	n.a.	W25
T 26	7 12 6	20° 2'02	24°31	11° 6	16°50	8° 8	27°23	16°10	3°37	0°25	5°37	1°36	2°24	1°46	n.a.	T 26
F 27	7 16 3	21° 1'45	8♐12	12°55	18° 5	8°55	27°29	16°16	3°40	0°24	5°36	1°29	2°20	1°52	n.a.	F 27
S 28	7 19 59	22° 1'25	21°43	14°45	19°19	9°42	27°35	16°23	3°43	0°22	5°35	1°20	2°17	1°59	n.a.	S 28
S 29	7 23 56	23° 1'04	5♑ 4	16°37	20°34	10°29	27°41	16°29	3°46	0°20	5°34	1° 9	2°14	2° 6	n.a.	S 29
M30	7 27 52	24° 0'40	18°10	18°29	21°48	11°15	27°47	16°35	3°48	0°19	5°33	0°57	2°11	2°12	n.a.	M30
T 31	7 31 49	25♑ 0'14	1♒ 3	20♑23	23♑ 3	12♑ 2	27♎53	16♐41	3♓51	0♌17	5♊32	0♈45	2♈ 8	2♈19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23 s50	28 s49	4 s57	21 s 4	0 s 9	23 s41	0 s33	24 s20	0 s55	8 s34	1n 1	22 s37	0n15	11 s27	0 s47	21n28	1n 9	24n50	3n 7	1n39	1n30	0 s48		n.a.
M 2	23 52	28 33	4 59	21 28	0 17	23 51	0 35	24 24	0 55	8 37	1 1	22 37	0 15	11 26	0 46	21 28	1 10	24 50	3 7	1 34	1 29	0 44		n.a.
T 3	23 54	26 38	4 44	21 52	0 25	24 0	0 37	24 28	0 56	8 41	1 1	22 38	0 15	11 25	0 46	21 29	1 10	24 49	3 7	1 29	1 28	0 41		n.a.
W 4	23 55	23 23	4 15	22 14	0 32	24 9	0 39	24 32	0 56	8 44	1 1	22 39	0 15	11 25	0 46	21 29	1 10	24 49	3 7	1 25	1 27	0 37		n.a.
T 5	23 55	19 8	3 35	22 36	0 40	24 17	0 41	24 36	0 57	8 47	1 1	22 40	0 15	11 24	0 46	21 29	1 10	24 49	3 7	1 21	1 25	0 34		n.a.
F 6	23 56	14 11	2 45	22 58	0 46	24 24	0 43	24 39	0 57	8 51	1 1	22 41	0 15	11 23	0 46	21 30	1 10	24 49	3 7	1 19	1 24	0 30		n.a.
S 7	23 55	8 47	1 49	23 18	0 53	24 30	0 45	24 42	0 57	8 54	1 1	22 42	0 15	11 22	0 46	21 30	1 10	24 49	3 7	1 18	1 23	0 27		n.a.
S 8	23 55	3 8	0 48	23 37	1 0	24 35	0 47	24 45	0 58	8 57	1 1	22 43	0 15	11 22	0 46	21 30	1 10	24 49	3 8	1 18	1 21	0 23		n.a.
M 9	23 54	2n36	0n14	23 55	1 6	24 40	0 49	24 47	0 58	9 0	1 1	22 44	0 15	11 21	0 46	21 31	1 10	24 48	3 8	1 18	1 20	0 20		n.a.
T 10	23 52	8 15	1 16	24 12	1 12	24 44	0 51	24 50	0 58	9 4	1 1	22 45	0 15	11 20	0 46	21 31	1 10	24 48	3 8	1 17	1 19	0 16		n.a.
W11	23 50	13 41	2 15	24 28	1 17	24 48	0 53	24 51	0 59	9 7	1 1	22 46	0 15	11 19	0 46	21 31	1 10	24 48	3 8	1 17	1 18	0 13		n.a.
T 12	23 47	18 41	3 9	24 43	1 23	24 50	0 54	24 53	0 59	9 10	1 2	22 47	0 15	11 18	0 46	21 32	1 10	24 48	3 8	1 15	1 16	0 9		n.a.
F 13	23 44	23 2	3 55	24 56	1 28	24 52	0 56	24 54	1 0	9 13	1 2	22 48	0 15	11 17	0 46	21 32	1 10	24 48	3 8	1 12	1 15	0 6		n.a.
S 14	23 41	26 23	4 31	25 8	1 33	24 53	0 58	24 55	1 0	9 16	1 2	22 48	0 15	11 17	0 46	21 32	1 10	24 47	3 8	1 9	1 14	0 2		n.a.
S 15	23 37	28 26	4 53	25 19	1 37	24 53	1 0	24 56	1 0	9 19	1 2	22 49	0 14	11 16	0 46	21 33	1 10	24 47	3 8	1 4	1 12	0n 1		n.a.
M16	23 32	28 52	5 0	25 28	1 41	24 52	1 1	24 56	1 1	9 21	1 2	22 50	0 14	11 15	0 46	21 33	1 10	24 47	3 8	0 59	1 11	0 5		n.a.
T 17	23 27	27 32	4 50	25 36	1 45	24 51	1 3	24 56	1 1	9 24	1 2	22 51	0 14	11 14	0 46	21 33	1 10	24 47	3 8	0 54	1 10	0 8		n.a.
W18	23 22	24 27	4 22	25 42	1 48	24 49	1 4	24 56	1 1	9 27	1 2	22 52	0 14	11 13	0 46	21 34	1 10	24 47	3 8	0 49	1 9	0 12		n.a.
T 19	23 16	19 52	3 37	25 47	1 51	24 46	1 6	24 56	1 2	9 30	1 2	22 53	0 14	11 12	0 46	21 34	1 10	24 47	3 8	0 46	1 7	0 15		n.a.
F 20	23 10	14 8	2 39	25 50	1 54	24 42	1 7	24 55	1 2	9 32	1 2	22 53	0 14	11 11	0 46	21 35	1 10	24 46	3 8	0 43	1 6	0 19		n.a.
S 21	23 3	7 40	1 30	25 51	1 56	24 38	1 9	24 54	1 2	9 35	1 2	22 54	0 14	11 10	0 46	21 35	1 10	24 46	3 8	0 42	1 5	0 22		n.a.
S 22	22 56	0 49	0 17	25 50	1 58	24 33	1 10	24 52	1 2	9 37	1 2	22 55	0 14	11 9	0 46	21 35	1 10	24 46	3 8	0 41	1 3	0 26		n.a.
M23	22 49	6 s 1	0 s58	25 47	2 0	24 27	1 11	24 51	1 3	9 40	1 2	22 56	0 14	11 8	0 46	21 36	1 10	24 46	3 8	0 42	1 2	0 29		n.a.
T 24	22 41	12 31	2 9	25 43	2 1	24 20	1 12	24 49	1 3	9 42	1 3	22 56	0 14	11 7	0 46	21 36	1 10	24 46	3 8	0 41	1 1	0 33		n.a.
W25	22 33	18 21	3 11	25 37	2 1	24 13	1 14	24 46	1 3	9 44	1 3	22 57	0 14	11 6	0 46	21 36	1 10	24 46	3 8	0 41	1 0	0 36		n.a.
T 26	22 24	23 11	4 2	25 28	2 1	24 5	1 15	24 44	1 4	9 47	1 3	22 58	0 14	11 5	0 46	21 37	1 10	24 45	3 8	0 39	0 58	0 40		n.a.
F 27	22 15	26 41	4 38	25 18	2 1	23 56	1 16	24 41	1 4	9 49	1 3	22 59	0 14	11 4	0 46	21 37	1 10	24 45	3 8	0 36	0 57	0 43		n.a.
S 28	22 5	28 37	4 58	25 5	2 0	23 46	1 17	24 38	1 4	9 51	1 3	22 59	0 14	11 3	0 46	21 38	1 10	24 45	3 8	0 32	0 56	0 47		n.a.
S 29	21 55	28 51	5 1	24 50	1 59	23 36	1 18	24 34	1 4	9 53	1 3	23 0	0 13	11 2	0 46	21 38	1 10	24 45	3 8	0 28	0 54	0 50		n.a.
M30	21 45	27 26	4 49	24 33	1 57	23 25	1 19	24 31	1 5	9 55	1 3	23 1	0 13	11 1	0 46	21 38	1 10	24 45	3 8	0 23	0 53	0 54		n.a.
T 31	21 s34	24 s35	4 s22	24 s14	1 s54	23 s13	1 s19	24 s27	1 s 5	9 s57	1n 3	23 s 2	0n13	11 s 0	0 s46	21n39	1n10	24n45	3n 8	0n18	0n52	0n57		n.a.

Julian Day Number = 985444.5, Delta T = 13h08m48s
Ecliptic obliquity = 23°55'41, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'10, Lahiri = -31°44'09 Julian Calendar 1 Jan. 2015 BCE == Greg. Calendar 15 Dec. 2016 BCE

The year -2014 astronomical counting style corresponds to year 2015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

FEBRUARY 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 35 45	25♉59'45	13♒39	22♉18	24♉17	12♉49	27♎58	16♐48	3♓54	0°R16	5°R31	0°R35	2♈ 5	2♈26	n.a.	W 1
T 2	7 39 42	26°59'15	26° 1	24°14	25°32	13°36	28° 4	16°54	3°57	0♌14	5♊31	0♈27	2° 1	2°32	n.a.	T 2
F 3	7 43 38	27°58'42	8♓ 9	26°11	26°46	14°23	28° 9	17° 0	4° 0	0°12	5°30	0°22	1°58	2°39	n.a.	F 3
S 4	7 47 35	28°58'06	20° 6	28° 9	28° 1	15° 9	28°14	17° 6	4° 3	0°11	5°29	0°20	1°55	2°46	n.a.	S 4
S 5	7 51 32	29°57'28	1♈56	0♒ 8	29°15	15°56	28°19	17°12	4° 6	0° 9	5°29	0°D19	1°52	2°52	n.a.	S 5
M 6	7 55 28	0♒56'48	13°43	2° 8	0♒29	16°43	28°23	17°18	4° 9	0° 7	5°28	0°20	1°49	2°59	n.a.	M 6
T 7	7 59 25	1°56'05	25°33	4° 8	1°44	17°29	28°28	17°24	4°12	0° 6	5°27	0°21	1°46	3° 6	n.a.	T 7
W 8	8 3 21	2°55'20	7♉30	6°10	2°58	18°16	28°32	17°29	4°15	0° 4	5°27	0°R21	1°42	3°12	n.a.	W 8
T 9	8 7 18	3°54'32	19°41	8°12	4°13	19° 2	28°36	17°35	4°18	0° 2	5°26	0°19	1°39	3°19	n.a.	T 9
F 10	8 11 14	4°53'42	2♊10	10°14	5°27	19°49	28°40	17°41	4°21	0° 1	5°25	0°16	1°36	3°25	n.a.	F 10
S 11	8 15 11	5°52'50	15° 0	12°16	6°41	20°35	28°44	17°46	4°24	29♋59	5°25	0°10	1°33	3°32	n.a.	S 11
S 12	8 19 7	6°51'55	28°16	14°18	7°56	21°22	28°48	17°52	4°27	29°57	5°24	0° 3	1°30	3°39	n.a.	S 12
M13	8 23 4	7°50'57	11♋56	16°20	9°10	22° 8	28°51	17°57	4°30	29°56	5°24	29♓54	1°26	3°45	n.a.	M13
T 14	8 27 0	8°49'58	26° 0	18°20	10°24	22°55	28°55	18° 3	4°34	29°54	5°23	29°46	1°23	3°52	n.a.	T 14
W15	8 30 57	9°48'55	10♌24	20°20	11°38	23°41	28°58	18° 8	4°37	29°52	5°23	29°38	1°20	3°59	n.a.	W15
T 16	8 34 54	10°47'51	25° 0	22°18	12°53	24°27	29° 1	18°14	4°40	29°51	5°22	29°32	1°17	4° 5	n.a.	T 16
F 17	8 38 50	11°46'45	9♍43	24°15	14° 7	25°14	29° 4	18°19	4°43	29°49	5°22	29°28	1°14	4°12	n.a.	F 17
S 18	8 42 47	12°45'36	24°24	26° 9	15°21	26° 0	29° 6	18°24	4°46	29°48	5°21	29°D27	1°11	4°19	n.a.	S 18
S 19	8 46 43	13°44'25	8♎59	28° 1	16°35	26°46	29° 9	18°29	4°50	29°46	5°21	29°27	1° 7	4°25	n.a.	S 19
M20	8 50 40	14°43'13	23°22	29°50	17°49	27°32	29°11	18°34	4°53	29°44	5°21	29°28	1° 4	4°32	n.a.	M20
T 21	8 54 36	15°41'59	7♏32	1♓35	19° 4	28°18	29°13	18°39	4°56	29°43	5°20	29°29	1° 1	4°39	n.a.	T 21
W22	8 58 33	16°40'43	21°27	3°17	20°18	29° 4	29°15	18°44	4°59	29°41	5°20	29°R29	0°58	4°45	n.a.	W22
T 23	9 2 29	17°39'25	5♐ 7	4°54	21°32	29°51	29°16	18°49	5° 3	29°40	5°20	29°28	0°55	4°52	n.a.	T 23
F 24	9 6 26	18°38'05	18°32	6°28	22°46	0♒37	29°18	18°54	5° 6	29°38	5°20	29°25	0°52	4°59	n.a.	F 24
S 25	9 10 22	19°36'44	1♑43	7°57	24° 0	1°23	29°19	18°58	5° 9	29°37	5°19	29°20	0°48	5° 5	n.a.	S 25
S 26	9 14 19	20°35'20	14°41	9°21	25°14	2° 9	29°20	19° 3	5°13	29°35	5°19	29°14	0°45	5°12	n.a.	S 26
M27	9 18 16	21°33'55	27°26	10°40	26°28	2°54	29°21	19° 8	5°16	29°34	5°19	29° 7	0°42	5°18	n.a.	M27
T 28	9 22 12	22♒32'27	9♒58	11♓54	27♒42	3♒40	29♎22	19♐12	5♓19	29♋32	5♊19	29♓ 0	0♈39	5♈25	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s23	20s36	3s42	23s52	1s51	23s 1	1s20	24s23	1s 5	9s59	1n 3	23s 2	0n13	10s59	0s45	21n39	1n10	24n45	3n 8	0n14	0n51	1n 1		n.a.
T 2	21 11	15 48	2 52	23 29	1 48	22 48	1 21	24 18	1 5	10 1	1 3	23 3	0 13	10 58	0 45	21 39	1 10	24 44	3 8	0 11	0 49	1 4		n.a.
F 3	20 59	10 28	1 56	23 3	1 44	22 34	1 22	24 13	1 6	10 3	1 4	23 4	0 13	10 57	0 45	21 40	1 10	24 44	3 8	0 9	0 48	1 8		n.a.
S 4	20 47	4 50	0 54	22 34	1 39	22 19	1 22	24 8	1 6	10 4	1 4	23 4	0 13	10 56	0 45	21 40	1 10	24 44	3 8	0 8	0 47	1 11		n.a.
S 5	20 34	0n55	0n 9	22 4	1 34	22 4	1 23	24 3	1 6	10 6	1 4	23 5	0 13	10 54	0 45	21 41	1 10	24 44	3 8	0 8	0 45	1 15		n.a.
M 6	20 21	6 37	1 11	21 31	1 28	21 49	1 23	23 57	1 6	10 8	1 4	23 6	0 13	10 53	0 45	21 41	1 10	24 44	3 8	0 8	0 44	1 18		n.a.
T 7	20 8	12 6	2 11	20 56	1 21	21 32	1 24	23 51	1 6	10 9	1 4	23 6	0 13	10 52	0 45	21 41	1 10	24 44	3 8	0 8	0 43	1 22		n.a.
W 8	19 54	17 13	3 6	20 19	1 14	21 15	1 24	23 45	1 6	10 11	1 4	23 7	0 13	10 51	0 45	21 42	1 10	24 44	3 8	0 8	0 42	1 25		n.a.
T 9	19 40	21 45	3 53	19 39	1 7	20 58	1 24	23 39	1 7	10 12	1 4	23 7	0 13	10 50	0 45	21 42	1 10	24 44	3 8	0 8	0 40	1 29		n.a.
F 10	19 26	25 26	4 31	18 58	0 58	20 39	1 24	23 32	1 7	10 13	1 4	23 8	0 13	10 49	0 45	21 42	1 10	24 44	3 8	0 6	0 39	1 32		n.a.
S 11	19 11	27 58	4 56	18 15	0 49	20 21	1 25	23 25	1 7	10 15	1 4	23 9	0 13	10 48	0 45	21 43	1 10	24 43	3 8	0 4	0 38	1 36		n.a.
S 12	18 56	29 1	5 6	17 30	0 40	20 1	1 25	23 18	1 7	10 16	1 4	23 9	0 13	10 46	0 45	21 43	1 10	24 43	3 8	0 1	0 36	1 39		n.a.
M13	18 41	28 21	5 0	16 44	0 30	19 41	1 25	23 10	1 7	10 17	1 4	23 10	0 13	10 45	0 45	21 44	1 10	24 43	3 8	0s 2	0 35	1 43		n.a.
T 14	18 25	25 53	4 35	15 57	0 19	19 21	1 25	23 3	1 7	10 18	1 5	23 10	0 12	10 44	0 45	21 44	1 10	24 43	3 8	0 6	0 34	1 46		n.a.
W15	18 9	21 43	3 53	15 8	0 8	19 0	1 25	22 55	1 8	10 19	1 5	23 11	0 12	10 43	0 45	21 44	1 10	24 43	3 8	0 9	0 32	1 50		n.a.
T 16	17 53	16 11	2 55	14 19	0n 3	18 38	1 24	22 47	1 8	10 20	1 5	23 11	0 12	10 42	0 45	21 45	1 10	24 43	3 8	0 11	0 31	1 53		n.a.
F 17	17 36	9 42	1 45	13 29	0 15	18 16	1 24	22 38	1 8	10 21	1 5	23 12	0 12	10 40	0 45	21 45	1 10	24 43	3 8	0 13	0 30	1 57		n.a.
S 18	17 19	2 41	0 27	12 38	0 27	17 54	1 24	22 29	1 8	10 22	1 5	23 12	0 12	10 39	0 45	21 45	1 10	24 43	3 8	0 13	0 29	2 0		n.a.
S 19	17 2	4s25	0s51	11 48	0 39	17 31	1 23	22 21	1 8	10 23	1 5	23 13	0 12	10 38	0 45	21 46	1 10	24 43	3 8	0 13	0 27	2 4		n.a.
M20	16 45	11 12	2 6	10 58	0 51	17 7	1 23	22 11	1 8	10 24	1 5	23 14	0 12	10 37	0 45	21 46	1 10	24 43	3 8	0 13	0 26	2 7		n.a.
T 21	16 27	17 19	3 11	10 9	1 3	16 43	1 23	22 2	1 8	10 24	1 5	23 14	0 12	10 35	0 45	21 46	1 10	24 43	3 8	0 13	0 25	2 11		n.a.
W22	16 9	22 25	4 4	9 20	1 16	16 19	1 22	21 53	1 8	10 25	1 5	23 14	0 12	10 34	0 45	21 47	1 10	24 42	3 8	0 12	0 23	2 14		n.a.
T 23	15 51	26 13	4 43	8 33	1 28	15 54	1 21	21 43	1 8	10 25	1 5	23 15	0 12	10 33	0 45	21 47	1 10	24 42	3 8	0 13	0 22	2 18		n.a.
F 24	15 33	28 28	5 4	7 47	1 39	15 29	1 21	21 33	1 8	10 26	1 6	23 15	0 12	10 32	0 45	21 47	1 10	24 42	3 8	0 14	0 21	2 21		n.a.
S 25	15 14	29 5	5 10	7 3	1 51	15 3	1 20	21 22	1 9	10 26	1 6	23 16	0 12	10 30	0 45	21 48	1 10	24 42	3 8	0 16	0 20	2 25		n.a.
S 26	14 55	28 3	4 59	6 21	2 2	14 37	1 19	21 12	1 9	10 26	1 6	23 16	0 12	10 29	0 45	21 48	1 10	24 42	3 8	0 19	0 18	2 28		n.a.
M27	14 36	25 33	4 33	5 40	2 13	14 10	1 18	21 1	1 9	10 27	1 6	23 17	0 12	10 28	0 45	21 48	1 10	24 42	3 8	0 22	0 17	2 32		n.a.
T 28	14s17	21s52	3s55	5s 3	2n23	13s43	1s18	20s50	1s 9	10s27	1n 6	23s17	0n12	10s27	0s45	21n49	1n10	24n42	3n 8	0s24	0n16	2n35		n.a.

Julian Day Number = 985475.5, Delta T = 13h08m45s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'06, Lahiri = -31°44'05 Julian Calendar 1 Feb. 2015 BCE == Greg. Calendar 15 Jan. 2015 BCE

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

MARCH 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 26 9	23♒30'58	22♒19	13♓ 2	28♒56	4♒26	29♎23	19♐17	5♓23	29°R31	5°R19	28°R55	0♈36	5♈32	n.a.	W 1
T 2	9 30 5	24°29'26	4♓28	14° 6	0♓11	5°12	29°23	19°21	5°26	29♋29	5♊19	28♓51	0°32	5°38	n.a.	T 2
F 3	9 34 2	25°27'52	16°28	15° 3	1°25	5°58	29°R23	19°25	5°30	29°28	5°18	28°48	0°29	5°45	n.a.	F 3
S 4	9 37 58	26°26'16	28°21	15°55	2°39	6°43	29°23	19°29	5°33	29°26	5°18	28°D48	0°26	5°52	n.a.	S 4
S 5	9 41 55	27°24'38	10♈ 9	16°41	3°53	7°29	29°23	19°34	5°36	29°25	5°D18	28°48	0°23	5°58	n.a.	S 5
M 6	9 45 51	28°22'58	21°55	17°21	5° 7	8°15	29°23	19°38	5°40	29°23	5°18	28°50	0°20	6° 5	n.a.	M 6
T 7	9 49 48	29°21'16	3♉45	17°55	6°20	9° 0	29°22	19°42	5°43	29°22	5°18	28°51	0°17	6°12	n.a.	T 7
W 8	9 53 44	0♓19'31	15°42	18°23	7°34	9°46	29°21	19°45	5°47	29°21	5°18	28°53	0°13	6°18	n.a.	W 8
T 9	9 57 41	1°17'45	27°52	18°45	8°48	10°31	29°20	19°49	5°50	29°19	5°19	28°R54	0°10	6°25	n.a.	T 9
F 10	10 1 38	2°15'56	10♊19	19° 2	10° 2	11°16	29°19	19°53	5°54	29°18	5°19	28°53	0° 7	6°32	n.a.	F 10
S 11	10 5 34	3°14'05	23° 7	19°12	11°16	12° 2	29°18	19°57	5°57	29°17	5°19	28°52	0° 4	6°38	n.a.	S 11
S 12	10 9 31	4°12'11	6♋20	19°R17	12°30	12°47	29°16	20° 0	6° 0	29°15	5°19	28°50	0° 1	6°45	n.a.	S 12
M13	10 13 27	5°10'16	20° 0	19°16	13°44	13°32	29°15	20° 4	6° 4	29°14	5°19	28°47	29♓57	6°52	n.a.	M13
T 14	10 17 24	6° 8'19	4♌ 6	19°10	14°58	14°18	29°13	20° 7	6° 7	29°13	5°19	28°43	29°54	6°58	n.a.	T 14
W15	10 21 20	7° 6'19	18°37	18°58	16°12	15° 3	29°11	20°10	6°11	29°12	5°20	28°41	29°51	7° 5	n.a.	W15
T 16	10 25 17	8° 4'18	3♍27	18°42	17°25	15°48	29° 8	20°13	6°14	29°10	5°20	28°38	29°48	7°11	n.a.	T 16
F 17	10 29 13	9° 2'14	18°27	18°21	18°39	16°33	29° 6	20°17	6°18	29° 9	5°20	28°37	29°45	7°18	n.a.	F 17
S 18	10 33 10	10° 0'09	3♎30	17°56	19°53	17°18	29° 3	20°20	6°21	29° 8	5°20	28°D37	29°42	7°25	n.a.	S 18
S 19	10 37 6	10°58'03	18°27	17°28	21° 7	18° 3	29° 1	20°23	6°24	29° 7	5°21	28°38	29°38	7°31	n.a.	S 19
M20	10 41 3	11°55'54	3♏11	16°56	22°20	18°48	28°58	20°25	6°28	29° 6	5°21	28°39	29°35	7°38	n.a.	M20
T 21	10 45 0	12°53'45	17°36	16°22	23°34	19°33	28°55	20°28	6°31	29° 5	5°22	28°40	29°32	7°45	n.a.	T 21
W22	10 48 56	13°51'34	1♐41	15°46	24°48	20°18	28°51	20°31	6°35	29° 3	5°22	28°41	29°29	7°51	n.a.	W22
T 23	10 52 53	14°49'22	15°23	15° 9	26° 1	21° 2	28°48	20°34	6°38	29° 2	5°22	28°R41	29°26	7°58	n.a.	T 23
F 24	10 56 49	15°47'08	28°44	14°32	27°15	21°47	28°44	20°36	6°42	29° 1	5°23	28°41	29°23	8° 5	n.a.	F 24
S 25	11 0 46	16°44'53	11♑45	13°55	28°29	22°32	28°40	20°38	6°45	29° 0	5°23	28°40	29°19	8°11	n.a.	S 25
S 26	11 4 42	17°42'37	24°29	13°18	29°42	23°16	28°36	20°41	6°48	28°59	5°24	28°39	29°16	8°18	n.a.	S 26
M27	11 8 39	18°40'19	6♒57	12°43	0♈56	24° 1	28°32	20°43	6°52	28°58	5°24	28°37	29°13	8°25	n.a.	M27
T 28	11 12 35	19°38'00	19°14	12°10	2°10	24°45	28°28	20°45	6°55	28°58	5°25	28°36	29°10	8°31	n.a.	T 28
W29	11 16 32	20°35'40	1♓20	11°40	3°23	25°30	28°24	20°47	6°58	28°57	5°25	28°35	29° 7	8°38	n.a.	W29
T 30	11 20 29	21°33'18	13°18	11°12	4°37	26°14	28°19	20°49	7° 2	28°56	5°26	28°34	29° 3	8°45	n.a.	T 30
F 31	11 24 25	22♓30'55	25♓10	10♓48	5♈50	26♒59	28♎14	20♐51	7♓ 5	28♋55	5♊27	28°D34	29♓ 0	8♈51	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	13s57	17s17	3s 6	4s27	2n32	13s16	1s17	20s39	1s 9	10s27	1n 6	23s18	0n11	10s25	0s45	21n49	1n10	24n42	3n 8	0s26	0n14	2n39			n.a.
T 2	13 38	12 4	2 9	3 55	2 41	12 49	1 16	20 28	1 9	10 27	1 6	23 18	0 11	10 24	0 45	21 49	1 10	24 42	3 8	0 28	0 13	2 42			n.a.
F 3	13 18	6 28	1 7	3 25	2 49	12 21	1 14	20 16	1 9	10 27	1 6	23 19	0 11	10 23	0 45	21 50	1 10	24 42	3 8	0 29	0 12	2 46			n.a.
S 4	12 57	0 43	0 2	2 58	2 57	11 53	1 13	20 5	1 9	10 27	1 6	23 19	0 11	10 22	0 45	21 50	1 10	24 42	3 8	0 29	0 11	2 49			n.a.
S 5	12 37	5n 2	1n 2	2 34	3 3	11 24	1 12	19 53	1 9	10 27	1 6	23 19	0 11	10 20	0 45	21 50	1 10	24 42	3 8	0 29	0 9	2 53			n.a.
M 6	12 17	10 37	2 3	2 13	3 8	10 56	1 11	19 41	1 9	10 27	1 6	23 20	0 11	10 19	0 45	21 50	1 10	24 42	3 8	0 29	0 8	2 56			n.a.
T 7	11 56	15 50	3 0	1 55	3 13	10 27	1 10	19 29	1 9	10 26	1 7	23 20	0 11	10 18	0 45	21 51	1 10	24 42	3 8	0 28	0 7	3 0			n.a.
W 8	11 35	20 32	3 50	1 41	3 16	9 57	1 8	19 16	1 9	10 26	1 7	23 20	0 11	10 16	0 45	21 51	1 10	24 42	3 8	0 27	0 5	3 3			n.a.
T 9	11 14	24 28	4 30	1 30	3 18	9 28	1 7	19 4	1 9	10 25	1 7	23 21	0 11	10 15	0 45	21 51	1 10	24 42	3 8	0 27	0 4	3 7			n.a.
F 10	10 53	27 22	4 58	1 23	3 19	8 58	1 5	18 51	1 9	10 25	1 7	23 21	0 11	10 14	0 45	21 52	1 10	24 42	3 8	0 27	0 3	3 10			n.a.
S 11	10 31	28 57	5 13	1 19	3 19	8 28	1 4	18 38	1 9	10 24	1 7	23 22	0 11	10 13	0 45	21 52	1 10	24 42	3 8	0 28	0 2	3 14			n.a.
S 12	10 10	28 58	5 12	1 19	3 17	7 58	1 2	18 25	1 9	10 24	1 7	23 22	0 11	10 11	0 45	21 52	1 10	24 42	3 8	0 29	0 0	3 17			n.a.
M13	9 48	27 14	4 53	1 22	3 14	7 27	1 1	18 12	1 9	10 23	1 7	23 22	0 11	10 10	0 45	21 52	1 10	24 42	3 8	0 30	0s 1	3 21			n.a.
T 14	9 27	23 46	4 17	1 28	3 10	6 57	0 59	17 58	1 9	10 22	1 7	23 23	0 11	10 9	0 45	21 53	1 10	24 42	3 8	0 31	0 2	3 24			n.a.
W15	9 5	18 46	3 23	1 38	3 4	6 26	0 57	17 45	1 9	10 22	1 7	23 23	0 11	10 7	0 45	21 53	1 10	24 42	3 8	0 32	0 4	3 28			n.a.
T 16	8 43	12 32	2 15	1 51	2 58	5 55	0 56	17 31	1 8	10 21	1 7	23 23	0 10	10 6	0 45	21 53	1 10	24 42	3 8	0 33	0 5	3 31			n.a.
F 17	8 21	5 31	0 56	2 7	2 49	5 24	0 54	17 17	1 8	10 20	1 7	23 23	0 10	10 5	0 45	21 53	1 10	24 42	3 8	0 34	0 6	3 35			n.a.
S 18	7 58	1s50	0s27	2 25	2 40	4 53	0 52	17 3	1 8	10 19	1 7	23 24	0 10	10 3	0 45	21 54	1 10	24 42	3 8	0 34	0 7	3 38			n.a.
S 19	7 36	9 2	1 47	2 47	2 29	4 21	0 50	16 49	1 8	10 18	1 7	23 24	0 10	10 2	0 45	21 54	1 10	24 42	3 8	0 33	0 9	3 41			n.a.
M20	7 14	15 38	3 0	3 10	2 17	3 50	0 48	16 34	1 8	10 17	1 7	23 24	0 10	10 1	0 45	21 54	1 10	24 42	3 8	0 33	0 10	3 45			n.a.
T 21	6 51	21 15	3 59	3 36	2 4	3 19	0 46	16 20	1 8	10 15	1 8	23 25	0 10	10 0	0 45	21 54	1 10	24 42	3 8	0 32	0 11	3 48			n.a.
W22	6 28	25 31	4 42	4 3	1 50	2 47	0 44	16 5	1 8	10 14	1 8	23 25	0 10	9 58	0 45	21 55	1 10	24 43	3 8	0 32	0 13	3 52			n.a.
T 23	6 6	28 13	5 8	4 31	1 35	2 15	0 42	15 51	1 8	10 13	1 8	23 25	0 10	9 57	0 45	21 55	1 10	24 43	3 8	0 32	0 14	3 55			n.a.
F 24	5 43	29 12	5 17	5 0	1 19	1 43	0 40	15 36	1 8	10 12	1 8	23 25	0 10	9 56	0 45	21 55	1 10	24 43	3 8	0 32	0 15	3 59			n.a.
S 25	5 20	28 31	5 8	5 29	1 3	1 12	0 38	15 21	1 8	10 10	1 8	23 26	0 10	9 54	0 45	21 55	1 10	24 43	3 8	0 33	0 16	4 2			n.a.
S 26	4 57	26 20	4 45	5 59	0 47	0 40	0 36	15 6	1 7	10 9	1 8	23 26	0 10	9 53	0 45	21 55	1 10	24 43	3 8	0 33	0 18	4 6			n.a.
M27	4 34	22 55	4 9	6 28	0 30	0 8	0 34	14 51	1 7	10 7	1 8	23 26	0 10	9 52	0 45	21 56	1 10	24 43	3 8	0 34	0 19	4 9			n.a.
T 28	4 11	18 32	3 21	6 56	0 13	0n24	0 31	14 35	1 7	10 6	1 8	23 26	0 10	9 51	0 45	21 56	1 10	24 43	3 8	0 34	0 20	4 13			n.a.
W29	3 48	13 29	2 25	7 23	0s 3	0 56	0 29	14 20	1 7	10 4	1 8	23 26	0 10	9 49	0 45	21 56	1 10	24 43	3 8	0 35	0 22	4 16			n.a.
T 30	3 25	7 59	1 24	7 49	0 20	1 28	0 27	14 4	1 7	10 2	1 8	23 27	0 10	9 48	0 45	21 56	1 10	24 43	3 8	0 35	0 23	4 20			n.a.
F 31	3s 2	2s15	0s19	8s13	0s36	1n59	0s24	13s49	1s 7	10s 0	1n 8	23s27	0n 9	9s47	0s45	21n56	1n10	24n43	3n 8	0s35	0s24	4n23			n.a.

Julian Day Number = 985503.5, Delta T = 13h08m43s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°51'02, Lahiri = -31°44'01 Julian Calendar 1 March 2015 BCE == Greg. Calendar 12 Feb. 2015 BCE

The year -2014 astronomical counting style corresponds to year 2015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

APRIL 2015 BCE (-2014) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 28 22	23♓28'30	6♈58	10°R27	7♈ 4	27♒43	28°R 9	20♐53	7♓ 8	28°R54	5♊27	28♓34	28♓57	8♈58	n.a.	S 1
S 2	11 32 18	24°26'03	18°45	10♓11	8°17	28°27	28♎ 4	20°54	7°12	28♋53	5°28	28°34	28°54	9° 4	n.a.	S 2
M 3	11 36 15	25°23'36	0♉33	9°59	9°31	29°11	27°59	20°56	7°15	28°53	5°29	28°35	28°51	9°11	n.a.	M 3
T 4	11 40 11	26°21'07	12°26	9°51	10°44	29°56	27°54	20°57	7°18	28°52	5°29	28°35	28°48	9°18	n.a.	T 4
W 5	11 44 8	27°18'36	24°26	9°D48	11°58	0♓40	27°48	20°59	7°22	28°51	5°30	28°35	28°44	9°24	n.a.	W 5
T 6	11 48 4	28°16'04	6♊37	9°49	13°11	1°24	27°42	21° 0	7°25	28°50	5°31	28°R35	28°41	9°31	n.a.	T 6
F 7	11 52 1	29°13'30	19° 3	9°54	14°25	2° 8	27°37	21° 1	7°28	28°50	5°32	28°35	28°38	9°38	n.a.	F 7
S 8	11 55 58	0♈10'55	1♋48	10° 5	15°38	2°52	27°31	21° 2	7°31	28°49	5°33	28°D35	28°35	9°44	n.a.	S 8
S 9	11 59 54	1° 8'19	14°56	10°19	16°52	3°35	27°25	21° 3	7°35	28°49	5°33	28°35	28°32	9°51	n.a.	S 9
M10	12 3 51	2° 5'41	28°29	10°38	18° 5	4°19	27°19	21° 4	7°38	28°48	5°34	28°35	28°29	9°58	n.a.	M10
T 11	12 7 47	3° 3'02	12♌28	11° 2	19°18	5° 3	27°12	21° 5	7°41	28°48	5°35	28°36	28°25	10° 4	n.a.	T 11
W12	12 11 44	4° 0'21	26°53	11°30	20°32	5°47	27° 6	21° 6	7°44	28°47	5°36	28°36	28°22	10°11	n.a.	W12
T 13	12 15 40	4°57'39	11♍41	12° 2	21°45	6°30	26°59	21° 6	7°47	28°47	5°37	28°37	28°19	10°18	n.a.	T 13
F 14	12 19 37	5°54'55	26°44	12°38	22°58	7°14	26°53	21° 7	7°51	28°46	5°38	28°R37	28°16	10°24	n.a.	F 14
S 15	12 23 33	6°52'11	11♎56	13°18	24°11	7°57	26°46	21° 7	7°54	28°46	5°39	28°37	28°13	10°31	n.a.	S 15
S 16	12 27 30	7°49'26	27° 7	14° 2	25°25	8°41	26°39	21° 7	7°57	28°45	5°40	28°36	28° 9	10°38	n.a.	S 16
M17	12 31 27	8°46'39	12♏ 7	14°49	26°38	9°24	26°33	21° 8	8° 0	28°45	5°41	28°35	28° 6	10°44	n.a.	M17
T 18	12 35 23	9°43'53	26°48	15°41	27°51	10° 8	26°26	21° 8	8° 3	28°45	5°42	28°34	28° 3	10°51	n.a.	T 18
W19	12 39 20	10°41'05	11♐ 6	16°35	29° 4	10°51	26°19	21°R 8	8° 6	28°44	5°43	28°33	28° 0	10°57	n.a.	W19
T 20	12 43 16	11°38'17	24°57	17°34	0♉18	11°34	26°12	21° 8	8° 9	28°44	5°44	28°32	27°57	11° 4	n.a.	T 20
F 21	12 47 13	12°35'29	8♑21	18°35	1°31	12°17	26° 4	21° 7	8°12	28°44	5°45	28°D31	27°54	11°11	n.a.	F 21
S 22	12 51 9	13°32'40	21°21	19°40	2°44	13° 0	25°57	21° 7	8°15	28°44	5°46	28°31	27°50	11°17	n.a.	S 22
S 23	12 55 6	14°29'50	3♒59	20°49	3°57	13°43	25°50	21° 7	8°18	28°44	5°47	28°32	27°47	11°24	n.a.	S 23
M24	12 59 2	15°27'00	16°19	22° 0	5°10	14°26	25°42	21° 6	8°21	28°44	5°49	28°33	27°44	11°31	n.a.	M24
T 25	13 2 59	16°24'10	28°26	23°15	6°23	15° 9	25°35	21° 6	8°24	28°43	5°50	28°35	27°41	11°37	n.a.	T 25
W26	13 6 56	17°21'19	10♓23	24°32	7°36	15°52	25°28	21° 5	8°26	28°43	5°51	28°36	27°38	11°44	n.a.	W26
T 27	13 10 52	18°18'27	22°14	25°53	8°49	16°35	25°20	21° 4	8°29	28°D43	5°52	28°37	27°34	11°51	n.a.	T 27
F 28	13 14 49	19°15'35	4♈ 1	27°17	10° 2	17°18	25°12	21° 3	8°32	28°43	5°53	28°R37	27°31	11°57	n.a.	F 28
S 29	13 18 45	20°12'42	15°48	28°43	11°15	18° 0	25° 5	21° 2	8°35	28°43	5°55	28°36	27°28	12° 4	n.a.	S 29
S 30	13 22 42	21♈ 9'50	27♈37	0♈13	12♉28	18♓43	24♎57	21♐ 1	8♓38	28♋44	5♊56	28♓34	27♓25	12♈11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s39	3n32	0n47	8s35	0s51	2n31	0s22	13s33	1s 6	9s59	1n 8	23s27	0n 9	9s46	0s45	21n56	1n10	24n43	3n 8	0s35	0s26	4n27		n.a.
S 2	2 15	9 11	1 50	8 55	1 6	3 3	0 20	13 17	1 6	9 57	1 8	23 27	0 9	9 44	0 45	21 56	1 10	24 44	3 8	0 35	0 27	4 30		n.a.
M 3	1 52	14 31	2 49	9 13	1 20	3 35	0 17	13 1	1 6	9 55	1 8	23 27	0 9	9 43	0 45	21 57	1 10	24 44	3 8	0 35	0 28	4 34		n.a.
T 4	1 29	19 22	3 40	9 29	1 34	4 6	0 15	12 45	1 6	9 53	1 8	23 28	0 9	9 42	0 45	21 57	1 10	24 44	3 8	0 35	0 29	4 37		n.a.
W 5	1 5	23 30	4 23	9 42	1 46	4 38	0 13	12 29	1 6	9 51	1 8	23 28	0 9	9 41	0 45	21 57	1 10	24 44	3 8	0 34	0 31	4 41		n.a.
T 6	0 42	26 41	4 55	9 52	1 58	5 9	0 10	12 13	1 6	9 49	1 8	23 28	0 9	9 39	0 45	21 57	1 10	24 44	3 8	0 34	0 32	4 44		n.a.
F 7	0 19	28 40	5 13	10 0	2 9	5 41	0 8	11 57	1 5	9 47	1 8	23 28	0 9	9 38	0 45	21 57	1 10	24 44	3 8	0 34	0 33	4 47		n.a.
S 8	0n 4	29 12	5 17	10 5	2 19	6 12	0 5	11 40	1 5	9 45	1 8	23 28	0 9	9 37	0 45	21 57	1 10	24 44	3 8	0 34	0 35	4 51		n.a.
S 9	0 28	28 7	5 5	10 8	2 28	6 43	0 3	11 24	1 5	9 42	1 8	23 28	0 9	9 36	0 45	21 57	1 10	24 45	3 8	0 34	0 36	4 54		n.a.
M10	0 51	25 23	4 36	10 8	2 37	7 14	0 0	11 7	1 5	9 40	1 8	23 29	0 9	9 34	0 45	21 57	1 10	24 45	3 8	0 34	0 37	4 58		n.a.
T 11	1 14	21 4	3 49	10 6	2 44	7 44	0n 2	10 51	1 4	9 38	1 8	23 29	0 9	9 33	0 45	21 58	1 10	24 45	3 8	0 34	0 38	5 1		n.a.
W12	1 37	15 25	2 47	10 1	2 50	8 15	0 5	10 34	1 4	9 36	1 8	23 29	0 9	9 32	0 45	21 58	1 10	24 45	3 8	0 34	0 40	5 5		n.a.
T 13	2 1	8 45	1 33	9 53	2 56	8 45	0 7	10 18	1 4	9 33	1 8	23 29	0 8	9 31	0 45	21 58	1 10	24 45	3 8	0 34	0 41	5 8		n.a.
F 14	2 24	1 29	0 10	9 43	3 0	9 16	0 10	10 1	1 4	9 31	1 8	23 29	0 8	9 30	0 45	21 58	1 10	24 45	3 8	0 34	0 42	5 12		n.a.
S 15	2 47	5s56	1s13	9 31	3 4	9 45	0 12	9 44	1 3	9 29	1 8	23 29	0 8	9 29	0 45	21 58	1 10	24 46	3 8	0 34	0 44	5 15		n.a.
S 16	3 10	13 0	2 32	9 16	3 7	10 15	0 15	9 27	1 3	9 26	1 8	23 29	0 8	9 27	0 45	21 58	1 10	24 46	3 8	0 34	0 45	5 19		n.a.
M17	3 33	19 14	3 39	8 59	3 9	10 45	0 17	9 10	1 3	9 24	1 8	23 29	0 8	9 26	0 45	21 58	1 10	24 46	3 8	0 34	0 46	5 22		n.a.
T 18	3 56	24 12	4 30	8 40	3 10	11 14	0 20	8 53	1 3	9 21	1 8	23 29	0 8	9 25	0 45	21 58	1 10	24 46	3 8	0 35	0 47	5 25		n.a.
W19	4 19	27 33	5 2	8 19	3 10	11 43	0 22	8 36	1 2	9 19	1 8	23 29	0 8	9 24	0 45	21 58	1 10	24 46	3 8	0 35	0 49	5 29		n.a.
T 20	4 42	29 6	5 16	7 55	3 10	12 12	0 25	8 19	1 2	9 16	1 8	23 30	0 8	9 23	0 45	21 58	1 10	24 46	3 8	0 36	0 50	5 32		n.a.
F 21	5 4	28 51	5 12	7 29	3 9	12 40	0 27	8 2	1 2	9 13	1 7	23 30	0 8	9 22	0 45	21 58	1 10	24 47	3 8	0 36	0 51	5 36		n.a.
S 22	5 27	27 0	4 52	7 1	3 7	13 8	0 30	7 45	1 1	9 11	1 7	23 30	0 8	9 21	0 45	21 58	1 10	24 47	3 8	0 36	0 53	5 39		n.a.
S 23	5 50	23 50	4 18	6 31	3 4	13 36	0 32	7 28	1 1	9 8	1 7	23 30	0 8	9 19	0 45	21 58	1 9	24 47	3 8	0 36	0 54	5 43		n.a.
M24	6 12	19 39	3 33	6 0	3 1	14 3	0 35	7 11	1 1	9 6	1 7	23 30	0 8	9 18	0 45	21 58	1 9	24 47	3 8	0 35	0 55	5 46		n.a.
T 25	6 35	14 44	2 39	5 26	2 57	14 31	0 37	6 53	1 0	9 3	1 7	23 30	0 8	9 17	0 45	21 58	1 9	24 48	3 8	0 35	0 56	5 50		n.a.
W26	6 57	9 21	1 39	4 50	2 52	14 57	0 40	6 36	1 0	9 0	1 7	23 30	0 8	9 16	0 45	21 58	1 9	24 48	3 8	0 34	0 58	5 53		n.a.
T 27	7 19	3 41	0 35	4 13	2 47	15 24	0 42	6 19	1 0	8 57	1 7	23 30	0 7	9 15	0 45	21 58	1 9	24 48	3 8	0 34	0 59	5 56		n.a.
F 28	7 41	2n 5	0n30	3 33	2 41	15 50	0 45	6 2	1 0	8 55	1 7	23 30	0 7	9 14	0 45	21 58	1 9	24 48	3 8	0 34	1 0	6 0		n.a.
S 29	8 3	7 46	1 33	2 52	2 34	16 15	0 47	5 44	0 59	8 52	1 7	23 30	0 7	9 13	0 45	21 58	1 9	24 48	3 8	0 34	1 2	6 3		n.a.
S 30	8n25	13n13	2n33	2s 9	2s27	16n41	0n49	5s27	0s59	8s49	1n 7	23s30	0n 7	9s12	0s45	21n58	1n 9	24n49	3n 8	0s35	1s 3	6n 7		n.a.

Julian Day Number = 985534.5, Delta T = 13h08m41s
Ecliptic obliquity = 23°55'43, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'58, Lahiri = -31°43'57 Julian Calendar 1 Apr. 2015 BCE == Greg. Calendar 15 March 2015 BCE

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

MAY 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 26 38	22♈ 6'56	9♉30	1♈46	13♉41	19♓26	24°R50	21°R 0	8♓40	28♋44	5♊57	28°R31	27♓22	12♈17	n.a.	M 1
T 2	13 30 35	23° 4'02	21°29	3°21	14°54	20° 8	24♎42	20♐59	8°43	28°44	5°58	28♓27	27°19	12°24	n.a.	T 2
W 3	13 34 32	24° 1'08	3♊36	4°59	16° 7	20°51	24°34	20°57	8°46	28°44	6° 0	28°23	27°15	12°31	n.a.	W 3
T 4	13 38 28	24°58'13	15°54	6°40	17°20	21°33	24°27	20°56	8°48	28°44	6° 1	28°19	27°12	12°37	n.a.	T 4
F 5	13 42 25	25°55'17	28°25	8°24	18°33	22°15	24°19	20°54	8°51	28°44	6° 2	28°15	27° 9	12°44	n.a.	F 5
S 6	13 46 21	26°52'21	11♋12	10°11	19°46	22°58	24°11	20°53	8°53	28°45	6° 4	28°13	27° 6	12°51	n.a.	S 6
S 7	13 50 18	27°49'24	24°17	12° 0	20°59	23°40	24° 4	20°51	8°56	28°45	6° 5	28°D12	27° 3	12°57	n.a.	S 7
M 8	13 54 14	28°46'27	7♌43	13°52	22°12	24°22	23°56	20°49	8°58	28°45	6° 6	28°12	27° 0	13° 4	n.a.	M 8
T 9	13 58 11	29°43'29	21°32	15°47	23°25	25° 4	23°49	20°47	9° 1	28°46	6° 8	28°14	26°56	13°10	n.a.	T 9
W10	14 2 7	0♍40'31	5♍45	17°44	24°37	25°46	23°41	20°45	9° 3	28°46	6° 9	28°15	26°53	13°17	n.a.	W10
T 11	14 6 4	1°37'32	20°20	19°43	25°50	26°28	23°33	20°43	9° 6	28°46	6°11	28°16	26°50	13°24	n.a.	T 11
F 12	14 10 1	2°34'33	5♎13	21°45	27° 3	27°10	23°26	20°41	9° 8	28°47	6°12	28°R16	26°47	13°30	n.a.	F 12
S 13	14 13 57	3°31'34	20°18	23°48	28°16	27°52	23°19	20°39	9°10	28°47	6°14	28°15	26°44	13°37	n.a.	S 13
S 14	14 17 54	4°28'35	5♏27	25°53	29°28	28°33	23°11	20°37	9°13	28°48	6°15	28°11	26°40	13°44	n.a.	S 14
M15	14 21 50	5°25'35	20°31	28° 0	0♊41	29°15	23° 4	20°34	9°15	28°48	6°16	28° 7	26°37	13°50	n.a.	M15
T 16	14 25 47	6°22'36	5♐19	0♉ 8	1°54	29°57	22°57	20°32	9°17	28°49	6°18	28° 1	26°34	13°57	n.a.	T 16
W17	14 29 43	7°19'38	19°45	2°16	3° 6	0♈38	22°49	20°29	9°19	28°50	6°19	27°56	26°31	14° 4	n.a.	W17
T 18	14 33 40	8°16'39	3♑44	4°26	4°19	1°20	22°42	20°26	9°21	28°50	6°21	27°51	26°28	14°10	n.a.	T 18
F 19	14 37 37	9°13'41	17°14	6°36	5°31	2° 1	22°35	20°24	9°23	28°51	6°23	27°47	26°25	14°17	n.a.	F 19
S 20	14 41 33	10°10'43	0♒17	8°46	6°44	2°43	22°28	20°21	9°26	28°52	6°24	27°45	26°21	14°24	n.a.	S 20
S 21	14 45 30	11° 7'46	12°56	10°56	7°56	3°24	22°21	20°18	9°28	28°52	6°26	27°D45	26°18	14°30	n.a.	S 21
M22	14 49 26	12° 4'49	25°15	13° 5	9° 9	4° 5	22°14	20°15	9°30	28°53	6°27	27°45	26°15	14°37	n.a.	M22
T 23	14 53 23	13° 1'53	7♓18	15°14	10°21	4°46	22° 8	20°12	9°32	28°54	6°29	27°47	26°12	14°44	n.a.	T 23
W24	14 57 19	13°58'57	19°11	17°22	11°34	5°27	22° 1	20° 9	9°33	28°55	6°30	27°48	26° 9	14°50	n.a.	W24
T 25	15 1 16	14°56'02	0♈59	19°29	12°46	6° 9	21°54	20° 6	9°35	28°56	6°32	27°R48	26° 6	14°57	n.a.	T 25
F 26	15 5 13	15°53'07	12°46	21°35	13°59	6°50	21°48	20° 2	9°37	28°57	6°33	27°47	26° 2	15° 4	n.a.	F 26
S 27	15 9 9	16°50'13	24°34	23°40	15°11	7°31	21°42	19°59	9°39	28°58	6°35	27°44	25°59	15°10	n.a.	S 27
S 28	15 13 6	17°47'19	6♉28	25°43	16°24	8°11	21°35	19°56	9°41	28°59	6°37	27°38	25°56	15°17	n.a.	S 28
M29	15 17 2	18°44'26	18°29	27°44	17°36	8°52	21°29	19°52	9°42	29° 0	6°38	27°30	25°53	15°24	n.a.	M29
T 30	15 20 59	19°41'34	0♊40	29°44	18°48	9°33	21°23	19°49	9°44	29° 1	6°40	27°21	25°50	15°30	n.a.	T 30
W31	15 24 55	20♉38'42	13♊ 0	1♊42	20♊ 1	10♈14	21♎18	19♐45	9♓46	29♋ 2	6♊42	27♓12	25♓46	15♈37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	8n47	18n12	3n26	1s25	2s20	17n 6	0n52	5s10	0s58	8s47	1n 7	23s30	0n 7	9s11	0s45	21n58	1n 9	24n49	3n 8	0s36	1s 4	6n10			n.a.
T 2	9 9	22 32	4 11	0 39	2 12	17 30	0 54	4 52	0 58	8 44	1 6	23 30	0 7	9 10	0 45	21 58	1 9	24 49	3 8	0 38	1 5	6 14			n.a.
W 3	9 30	25 58	4 45	0n 9	2 3	17 54	0 56	4 35	0 58	8 41	1 6	23 30	0 7	9 9	0 45	21 58	1 9	24 49	3 8	0 39	1 7	6 17			n.a.
T 4	9 52	28 14	5 6	0 58	1 54	18 17	0 59	4 18	0 57	8 38	1 6	23 30	0 7	9 8	0 46	21 58	1 9	24 50	3 8	0 41	1 8	6 21			n.a.
F 5	10 13	29 9	5 13	1 48	1 44	18 40	1 1	4 0	0 57	8 36	1 6	23 30	0 7	9 7	0 46	21 58	1 9	24 50	3 8	0 42	1 9	6 24			n.a.
S 6	10 34	28 31	5 5	2 40	1 34	19 3	1 3	3 43	0 57	8 33	1 6	23 30	0 7	9 6	0 46	21 57	1 9	24 50	3 8	0 43	1 11	6 27			n.a.
S 7	10 55	26 19	4 42	3 33	1 24	19 25	1 5	3 25	0 56	8 30	1 6	23 30	0 7	9 5	0 46	21 57	1 9	24 50	3 8	0 44	1 12	6 31			n.a.
M 8	11 15	22 36	4 2	4 27	1 14	19 46	1 7	3 8	0 56	8 27	1 6	23 30	0 7	9 4	0 46	21 57	1 9	24 51	3 8	0 44	1 13	6 34			n.a.
T 9	11 36	17 34	3 8	5 22	1 3	20 7	1 9	2 51	0 55	8 25	1 5	23 30	0 6	9 3	0 46	21 57	1 9	24 51	3 8	0 43	1 14	6 38			n.a.
W10	11 57	11 27	2 0	6 18	0 52	20 28	1 11	2 33	0 55	8 22	1 5	23 30	0 6	9 2	0 46	21 57	1 9	24 51	3 8	0 43	1 16	6 41			n.a.
T 11	12 17	4 34	0 43	7 14	0 41	20 48	1 13	2 16	0 55	8 19	1 5	23 30	0 6	9 1	0 46	21 57	1 9	24 52	3 8	0 42	1 17	6 45			n.a.
F 12	12 37	2s41	0s38	8 11	0 30	21 7	1 15	1 59	0 54	8 17	1 5	23 29	0 6	9 1	0 46	21 57	1 9	24 52	3 8	0 42	1 18	6 48			n.a.
S 13	12 57	9 54	1 57	9 8	0 19	21 26	1 17	1 41	0 54	8 14	1 5	23 29	0 6	9 0	0 46	21 57	1 9	24 52	3 8	0 43	1 20	6 51			n.a.
S 14	13 16	16 34	3 9	10 5	0 8	21 44	1 19	1 24	0 53	8 11	1 5	23 29	0 6	8 59	0 46	21 57	1 9	24 52	3 8	0 44	1 21	6 55			n.a.
M15	13 36	22 12	4 7	11 1	0n 3	22 2	1 21	1 7	0 53	8 9	1 4	23 29	0 6	8 58	0 46	21 56	1 9	24 53	3 8	0 46	1 22	6 58			n.a.
T 16	13 55	26 19	4 47	11 58	0 14	22 19	1 23	0 49	0 53	8 6	1 4	23 29	0 6	8 57	0 46	21 56	1 9	24 53	3 8	0 48	1 23	7 2			n.a.
W17	14 14	28 38	5 7	12 53	0 24	22 35	1 24	0 32	0 52	8 4	1 4	23 29	0 6	8 56	0 46	21 56	1 9	24 53	3 8	0 50	1 25	7 5			n.a.
T 18	14 33	29 1	5 9	13 48	0 34	22 51	1 26	0 15	0 52	8 1	1 4	23 29	0 6	8 56	0 46	21 56	1 9	24 54	3 8	0 52	1 26	7 8			n.a.
F 19	14 52	27 38	4 53	14 41	0 44	23 6	1 28	0n 2	0 51	7 59	1 4	23 29	0 6	8 55	0 46	21 56	1 9	24 54	3 8	0 54	1 27	7 12			n.a.
S 20	15 10	24 46	4 22	15 33	0 53	23 21	1 29	0 20	0 51	7 56	1 3	23 29	0 6	8 54	0 46	21 56	1 9	24 54	3 8	0 55	1 29	7 15			n.a.
S 21	15 28	20 46	3 39	16 23	1 2	23 34	1 31	0 37	0 50	7 54	1 3	23 29	0 5	8 53	0 46	21 55	1 9	24 54	3 8	0 55	1 30	7 19			n.a.
M22	15 46	15 59	2 47	17 12	1 10	23 47	1 32	0 54	0 50	7 51	1 3	23 28	0 5	8 53	0 46	21 55	1 9	24 55	3 8	0 55	1 31	7 22			n.a.
T 23	16 4	10 41	1 49	17 58	1 17	24 0	1 34	1 11	0 49	7 49	1 3	23 28	0 5	8 52	0 46	21 55	1 9	24 55	3 8	0 54	1 32	7 25			n.a.
W24	16 22	5 4	0 47	18 42	1 24	24 12	1 35	1 28	0 49	7 47	1 3	23 28	0 5	8 51	0 46	21 55	1 9	24 55	3 8	0 54	1 34	7 29			n.a.
T 25	16 39	0n40	0n17	19 25	1 30	24 23	1 36	1 45	0 48	7 44	1 2	23 28	0 5	8 51	0 46	21 55	1 9	24 56	3 8	0 53	1 35	7 32			n.a.
F 26	16 56	6 22	1 20	20 4	1 36	24 33	1 37	2 2	0 48	7 42	1 2	23 28	0 5	8 50	0 46	21 54	1 9	24 56	3 8	0 54	1 36	7 36			n.a.
S 27	17 12	11 52	2 19	20 42	1 41	24 43	1 38	2 19	0 47	7 40	1 2	23 28	0 5	8 49	0 46	21 54	1 9	24 56	3 8	0 55	1 38	7 39			n.a.
S 28	17 29	16 59	3 13	21 17	1 45	24 52	1 39	2 36	0 47	7 38	1 2	23 27	0 5	8 49	0 46	21 54	1 9	24 57	3 8	0 58	1 39	7 42			n.a.
M29	17 45	21 29	3 58	21 49	1 49	25 0	1 40	2 53	0 46	7 36	1 2	23 27	0 5	8 48	0 46	21 54	1 9	24 57	3 8	1 1	1 40	7 46			n.a.
T 30	18 1	25 9	4 33	22 19	1 51	25 8	1 41	3 9	0 46	7 34	1 1	23 27	0 5	8 47	0 46	21 54	1 9	24 57	3 8	1 4	1 41	7 49			n.a.
W31	18n17	27n43	4n56	22n47	1n54	25n15	1n42	3n26	0s45	7s32	1n 1	23s27	0n 5	8s47	0s46	21n53	1n 8	24n58	3n 8	1s 8	1s43	7n53			n.a.

Julian Day Number = 985564.5, Delta T = 13h08m39s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'54, Lahiri = -31°43'53 Julian Calendar 1 May 2015 BCE == Greg. Calendar 14 Apr. 2015 BCE

The year -2014 astronomical counting style corresponds to year 2015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

JUNE 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 28 52	21♉35'50	25♊31	3♊39	21♊13	10♈54	21°R12	19°R42	9♓47	29♋ 3	6♊43	27°R 2	25♓43	15♈44	n.a.	T 1
F 2	15 32 48	22°32'59	8♋14	5°33	22°25	11°35	21♎ 6	19♐38	9°49	29° 4	6°45	26♓54	25°40	15°50	n.a.	F 2
S 3	15 36 45	23°30'09	21°10	7°26	23°37	12°15	21° 1	19°34	9°50	29° 5	6°46	26°48	25°37	15°57	n.a.	S 3
S 4	15 40 42	24°27'19	4♌20	9°18	24°49	12°56	20°56	19°30	9°52	29° 6	6°48	26°44	25°34	16° 3	n.a.	S 4
M 5	15 44 38	25°24'29	17°45	11° 7	26° 2	13°36	20°50	19°26	9°53	29° 7	6°50	26°42	25°31	16°10	n.a.	M 5
T 6	15 48 35	26°21'40	1♍28	12°55	27°14	14°16	20°45	19°22	9°54	29° 8	6°51	26°D42	25°27	16°17	n.a.	T 6
W 7	15 52 31	27°18'51	15°29	14°40	28°26	14°56	20°41	19°18	9°56	29°10	6°53	26°43	25°24	16°23	n.a.	W 7
T 8	15 56 28	28°16'03	29°48	16°24	29°38	15°37	20°36	19°14	9°57	29°11	6°55	26°R43	25°21	16°30	n.a.	T 8
F 9	16 0 24	29°13'15	14♎23	18° 7	0♋50	16°17	20°31	19°10	9°58	29°12	6°56	26°42	25°18	16°37	n.a.	F 9
S 10	16 4 21	0♊10'28	29°10	19°47	2° 2	16°57	20°27	19° 6	9°59	29°14	6°58	26°38	25°15	16°43	n.a.	S 10
S 11	16 8 18	1° 7'42	14♏ 4	21°26	3°14	17°37	20°23	19° 2	10° 0	29°15	7° 0	26°32	25°12	16°50	n.a.	S 11
M12	16 12 14	2° 4'56	28°56	23° 3	4°26	18°16	20°19	18°58	10° 1	29°16	7° 1	26°24	25° 8	16°57	n.a.	M12
T 13	16 16 11	3° 2'12	13♐37	24°38	5°37	18°56	20°15	18°54	10° 2	29°18	7° 3	26°15	25° 5	17° 3	n.a.	T 13
W14	16 20 7	3°59'29	28° 0	26°11	6°49	19°36	20°11	18°50	10° 3	29°19	7° 5	26° 5	25° 2	17°10	n.a.	W14
T 15	16 24 4	4°56'47	11♑59	27°43	8° 1	20°16	20° 7	18°45	10° 4	29°21	7° 7	25°55	24°59	17°17	n.a.	T 15
F 16	16 28 0	5°54'06	25°32	29°13	9°13	20°55	20° 4	18°41	10° 5	29°22	7° 8	25°48	24°56	17°23	n.a.	F 16
S 17	16 31 57	6°51'26	8♒37	0♋41	10°24	21°35	20° 1	18°37	10° 6	29°23	7°10	25°42	24°52	17°30	n.a.	S 17
S 18	16 35 54	7°48'48	21°18	2° 7	11°36	22°14	19°58	18°32	10° 7	29°25	7°12	25°39	24°49	17°37	n.a.	S 18
M19	16 39 50	8°46'11	3♓38	3°31	12°48	22°54	19°55	18°28	10° 7	29°27	7°13	25°38	24°46	17°43	n.a.	M19
T 20	16 43 47	9°43'36	15°42	4°54	13°59	23°33	19°52	18°23	10° 8	29°28	7°15	25°D38	24°43	17°50	n.a.	T 20
W21	16 47 43	10°41'02	27°35	6°14	15°11	24°12	19°50	18°19	10° 9	29°30	7°17	25°R38	24°40	17°57	n.a.	W21
T 22	16 51 40	11°38'29	9♈23	7°33	16°22	24°51	19°47	18°15	10° 9	29°31	7°18	25°37	24°37	18° 3	n.a.	T 22
F 23	16 55 36	12°35'58	21°11	8°49	17°34	25°30	19°45	18°10	10°10	29°33	7°20	25°35	24°33	18°10	n.a.	F 23
S 24	16 59 33	13°33'29	3♉ 3	10° 4	18°45	26° 9	19°43	18° 6	10°10	29°35	7°22	25°30	24°30	18°17	n.a.	S 24
S 25	17 3 29	14°31'01	15° 4	11°16	19°57	26°48	19°41	18° 1	10°11	29°36	7°23	25°22	24°27	18°23	n.a.	S 25
M26	17 7 26	15°28'35	27°15	12°26	21° 8	27°27	19°40	17°57	10°11	29°38	7°25	25°12	24°24	18°30	n.a.	M26
T 27	17 11 23	16°26'10	9♊38	13°34	22°19	28° 6	19°38	17°52	10°12	29°40	7°27	24°59	24°21	18°37	n.a.	T 27
W28	17 15 19	17°23'46	22°14	14°40	23°31	28°45	19°37	17°48	10°12	29°41	7°28	24°46	24°18	18°43	n.a.	W28
T 29	17 19 16	18°21'24	5♋ 4	15°43	24°42	29°24	19°36	17°43	10°12	29°43	7°30	24°34	24°14	18°50	n.a.	T 29
F 30	17 23 12	19♊19'04	18♋ 6	16♋43	25♋53	0♉ 2	19♎35	17♐39	10♓12	29♋45	7♊32	24♓22	24♓11	18♈57	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n32	28n56	5n 5	23n12	1n55	25n21	1n43	3n43	0s45	7s30	1n 1	23s27	0n 4	8s46	0s46	21n53	1n 8	24n58	3n 9	1s12	1s44	7n56		n.a.
F 2	18 47	28 39	5 0	23 34	1 56	25 26	1 44	4 0	0 44	7 28	1 1	23 26	0 4	8 46	0 46	21 53	1 8	24 58	3 9	1 15	1 45	7 59		n.a.
S 3	19 2	26 48	4 39	23 55	1 56	25 30	1 44	4 16	0 44	7 26	1 0	23 26	0 4	8 45	0 46	21 52	1 8	24 59	3 9	1 18	1 47	8 3		n.a.
S 4	19 16	23 29	4 3	24 12	1 56	25 34	1 45	4 33	0 43	7 24	1 0	23 26	0 4	8 45	0 46	21 52	1 8	24 59	3 9	1 19	1 48	8 6		n.a.
M 5	19 30	18 52	3 13	24 28	1 55	25 37	1 45	4 49	0 43	7 23	1 0	23 26	0 4	8 44	0 46	21 52	1 8	24 59	3 9	1 20	1 49	8 10		n.a.
T 6	19 44	13 12	2 11	24 41	1 54	25 40	1 46	5 5	0 42	7 21	1 0	23 26	0 4	8 44	0 47	21 52	1 8	25 0	3 9	1 20	1 50	8 13		n.a.
W 7	19 58	6 45	1 0	24 52	1 52	25 41	1 46	5 22	0 42	7 19	0 59	23 25	0 4	8 43	0 47	21 51	1 8	25 0	3 9	1 20	1 52	8 16		n.a.
T 8	20 11	0s10	0s16	25 2	1 49	25 42	1 46	5 38	0 41	7 18	0 59	23 25	0 4	8 43	0 47	21 51	1 8	25 0	3 9	1 20	1 53	8 20		n.a.
F 9	20 24	7 12	1 33	25 9	1 46	25 42	1 46	5 54	0 41	7 16	0 59	23 25	0 4	8 42	0 47	21 51	1 8	25 1	3 9	1 20	1 54	8 23		n.a.
S 10	20 36	13 57	2 44	25 14	1 42	25 41	1 47	6 10	0 40	7 15	0 59	23 25	0 4	8 42	0 47	21 50	1 8	25 1	3 9	1 22	1 56	8 26		n.a.
S 11	20 48	19 57	3 44	25 17	1 38	25 40	1 47	6 27	0 39	7 13	0 58	23 24	0 4	8 41	0 47	21 50	1 8	25 2	3 9	1 24	1 57	8 30		n.a.
M12	21 0	24 42	4 29	25 18	1 34	25 37	1 46	6 43	0 39	7 12	0 58	23 24	0 3	8 41	0 47	21 50	1 8	25 2	3 9	1 27	1 58	8 33		n.a.
T 13	21 11	27 47	4 56	25 18	1 29	25 34	1 46	6 58	0 38	7 11	0 58	23 24	0 3	8 41	0 47	21 50	1 8	25 2	3 9	1 31	1 59	8 36		n.a.
W14	21 23	28 57	5 3	25 15	1 23	25 31	1 46	7 14	0 38	7 10	0 57	23 24	0 3	8 40	0 47	21 49	1 8	25 3	3 9	1 35	2 1	8 40		n.a.
T 15	21 33	28 12	4 51	25 12	1 17	25 26	1 46	7 30	0 37	7 8	0 57	23 23	0 3	8 40	0 47	21 49	1 8	25 3	3 9	1 39	2 2	8 43		n.a.
F 16	21 44	25 47	4 23	25 6	1 11	25 21	1 45	7 46	0 37	7 7	0 57	23 23	0 3	8 40	0 47	21 49	1 8	25 3	3 9	1 42	2 3	8 47		n.a.
S 17	21 54	22 3	3 43	25 0	1 4	25 15	1 45	8 1	0 36	7 6	0 57	23 23	0 3	8 39	0 47	21 48	1 8	25 4	3 9	1 45	2 5	8 50		n.a.
S 18	22 3	17 24	2 52	24 52	0 57	25 8	1 44	8 17	0 35	7 5	0 56	23 22	0 3	8 39	0 47	21 48	1 8	25 4	3 10	1 46	2 6	8 53		n.a.
M19	22 13	12 9	1 54	24 42	0 50	25 1	1 43	8 32	0 35	7 5	0 56	23 22	0 3	8 39	0 47	21 48	1 8	25 4	3 10	1 46	2 7	8 57		n.a.
T 20	22 22	6 33	0 53	24 32	0 42	24 53	1 43	8 48	0 34	7 4	0 56	23 22	0 3	8 39	0 47	21 47	1 8	25 5	3 10	1 46	2 8	9 0		n.a.
W21	22 30	0 49	0n10	24 20	0 34	24 44	1 42	9 3	0 34	7 3	0 56	23 22	0 3	8 38	0 47	21 47	1 8	25 5	3 10	1 46	2 10	9 3		n.a.
T 22	22 38	4n54	1 12	24 8	0 25	24 34	1 41	9 18	0 33	7 2	0 55	23 21	0 2	8 38	0 47	21 46	1 8	25 5	3 10	1 47	2 11	9 7		n.a.
F 23	22 46	10 27	2 11	23 54	0 16	24 24	1 40	9 33	0 32	7 2	0 55	23 21	0 2	8 38	0 47	21 46	1 8	25 6	3 10	1 48	2 12	9 10		n.a.
S 24	22 54	15 40	3 4	23 39	0 7	24 13	1 39	9 49	0 32	7 1	0 55	23 21	0 2	8 38	0 47	21 46	1 8	25 6	3 10	1 50	2 14	9 13		n.a.
S 25	23 0	20 20	3 50	23 24	0s 2	24 1	1 38	10 3	0 31	7 1	0 54	23 20	0 2	8 38	0 47	21 45	1 8	25 7	3 10	1 53	2 15	9 17		n.a.
M26	23 7	24 15	4 26	23 8	0 12	23 49	1 36	10 18	0 30	7 1	0 54	23 20	0 2	8 38	0 47	21 45	1 8	25 7	3 10	1 57	2 16	9 20		n.a.
T 27	23 13	27 7	4 50	22 52	0 22	23 36	1 35	10 33	0 30	7 0	0 54	23 20	0 2	8 38	0 47	21 45	1 8	25 7	3 10	2 2	2 17	9 23		n.a.
W28	23 19	28 41	5 0	22 34	0 32	23 22	1 34	10 48	0 29	7 0	0 54	23 19	0 2	8 38	0 47	21 44	1 8	25 8	3 10	2 7	2 19	9 27		n.a.
T 29	23 24	28 45	4 55	22 17	0 42	23 8	1 32	11 2	0 29	7 0	0 53	23 19	0 2	8 37	0 47	21 44	1 8	25 8	3 10	2 12	2 20	9 30		n.a.
F 30	23n29	27n13	4n35	21n59	0s53	22n53	1n30	11n17	0s28	7s 0	0n53	23s19	0n 2	8s37	0s47	21n43	1n 8	25n 8	3n10	2s17	2s21	9n33		n.a.

Julian Day Number = 985595.5, Delta T = 13h08m37s
Ecliptic obliquity = 23°55'42, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'49, Lahiri = -31°43'49 Julian Calendar 1 June 2015 BCE == Greg. Calendar 15 May 2015 BCE

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

JULY 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 27 9	20♊16'45	1♌19	17♋41	27♋ 4	0♉41	19°R34	17°R34	10♓12	29♋47	7♊34	24°R13	24♓ 8	19♈ 3	n.a.	S 1
S 2	17 31 5	21°14'27	14°44	18°35	28°15	1°19	19♎34	17♐30	10°13	29°49	7°35	24♓ 7	24° 5	19°10	n.a.	S 2
M 3	17 35 2	22°12'10	28°19	19°27	29°26	1°57	19°34	17°25	10°R13	29°50	7°37	24° 4	24° 2	19°17	n.a.	M 3
T 4	17 38 58	23° 9'55	12♍ 4	20°16	0♌37	2°36	19°D34	17°21	10°13	29°52	7°38	24° 2	23°58	19°23	n.a.	T 4
W 5	17 42 55	24° 7'41	26° 1	21° 1	1°48	3°14	19°34	17°16	10°12	29°54	7°40	24° 2	23°55	19°30	n.a.	W 5
T 6	17 46 52	25° 5'28	10♎ 9	21°42	2°59	3°52	19°34	17°12	10°12	29°56	7°42	24° 2	23°52	19°37	n.a.	T 6
F 7	17 50 48	26° 3'17	24°27	22°20	4°10	4°30	19°34	17° 7	10°12	29°58	7°43	24° 0	23°49	19°43	n.a.	F 7
S 8	17 54 45	27° 1'07	8♏53	22°54	5°20	5° 8	19°35	17° 3	10°12	29°59	7°45	23°56	23°46	19°50	n.a.	S 8
S 9	17 58 41	27°58'58	23°23	23°24	6°31	5°46	19°36	16°58	10°12	0♌ 2	7°47	23°49	23°43	19°57	n.a.	S 9
M10	18 2 38	28°56'52	7♐52	23°49	7°42	6°24	19°37	16°54	10°11	0° 4	7°48	23°40	23°39	20° 3	n.a.	M10
T 11	18 6 34	29°54'46	22°13	24° 9	8°52	7° 1	19°38	16°50	10°11	0° 6	7°50	23°29	23°36	20°10	n.a.	T 11
W12	18 10 31	0♋52'43	6♑20	24°25	10° 3	7°39	19°39	16°45	10°11	0° 8	7°51	23°17	23°33	20°17	n.a.	W12
T 13	18 14 27	1°50'41	20° 9	24°35	11°13	8°17	19°41	16°41	10°10	0°10	7°53	23° 6	23°30	20°23	n.a.	T 13
F 14	18 18 24	2°48'42	3♒35	24°R39	12°23	8°54	19°43	16°37	10°10	0°12	7°55	22°56	23°27	20°30	n.a.	F 14
S 15	18 22 21	3°46'44	16°37	24°38	13°33	9°32	19°45	16°33	10° 9	0°14	7°56	22°49	23°24	20°37	n.a.	S 15
S 16	18 26 17	4°44'48	29°17	24°31	14°44	10° 9	19°47	16°29	10° 9	0°16	7°58	22°45	23°20	20°43	n.a.	S 16
M17	18 30 14	5°42'54	11♓37	24°18	15°54	10°46	19°49	16°24	10° 8	0°18	7°59	22°43	23°17	20°50	n.a.	M17
T 18	18 34 10	6°41'03	23°41	23°59	17° 4	11°23	19°51	16°20	10° 7	0°20	8° 1	22°D43	23°14	20°57	n.a.	T 18
W19	18 38 7	7°39'13	5♈36	23°34	18°14	12° 0	19°54	16°16	10° 7	0°22	8° 2	22°R43	23°11	21° 3	n.a.	W19
T 20	18 42 3	8°37'26	17°25	23° 2	19°24	12°37	19°57	16°12	10° 6	0°24	8° 4	22°43	23° 8	21°10	n.a.	T 20
F 21	18 46 0	9°35'41	29°15	22°24	20°33	13°14	20° 0	16° 8	10° 5	0°26	8° 5	22°41	23° 4	21°17	n.a.	F 21
S 22	18 49 56	10°33'58	11♉10	21°41	21°43	13°51	20° 3	16° 4	10° 4	0°29	8° 7	22°37	23° 1	21°23	n.a.	S 22
S 23	18 53 53	11°32'18	23°15	20°53	22°53	14°28	20° 7	16° 1	10° 3	0°31	8° 8	22°30	22°58	21°30	n.a.	S 23
M24	18 57 50	12°30'39	5♊34	20° 0	24° 2	15° 5	20°10	15°57	10° 2	0°33	8°10	22°22	22°55	21°37	n.a.	M24
T 25	19 1 46	13°29'03	18° 9	19° 4	25°12	15°41	20°14	15°53	10° 1	0°35	8°11	22°11	22°52	21°43	n.a.	T 25
W26	19 5 43	14°27'29	1♋ 1	18° 5	26°21	16°18	20°18	15°49	10° 0	0°37	8°12	21°59	22°49	21°50	n.a.	W26
T 27	19 9 39	15°25'58	14°10	17° 5	27°31	16°54	20°22	15°46	9°59	0°39	8°14	21°48	22°45	21°57	n.a.	T 27
F 28	19 13 36	16°24'28	27°34	16° 4	28°40	17°30	20°26	15°42	9°58	0°41	8°15	21°37	22°42	22° 3	n.a.	F 28
S 29	19 17 32	17°23'00	11♌11	15° 5	29°49	18° 7	20°31	15°39	9°57	0°44	8°17	21°29	22°39	22°10	n.a.	S 29
S 30	19 21 29	18°21'34	24°58	14° 8	0♍58	18°43	20°35	15°35	9°55	0°46	8°18	21°24	22°36	22°17	n.a.	S 30
M31	19 25 25	19♋20'10	8♍53	13♋16	2♍ 7	19♉19	20♎40	15♐32	9♓54	0♌48	8♊19	21♓21	22♓33	22♈23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n34	24n10	4n 0	21n41	1s 4	22n37	1n29	11n31	0s27	7s 0	0n53	23s18	0n 2	8s37	0s47	21n43	1n 8	25n 9	3n11	2s20	2s23	9n37		n.a.
S 2	23 38	19 48	3 12	21 22	1 15	22 21	1 27	11 45	0 27	7 0	0 52	23 18	0 2	8 37	0 47	21 43	1 8	25 9	3 11	2 23	2 24	9 40		n.a.
M 3	23 42	14 21	2 11	21 4	1 26	22 4	1 25	12 0	0 26	7 0	0 52	23 18	0 1	8 37	0 48	21 42	1 8	25 10	3 11	2 24	2 25	9 43		n.a.
T 4	23 45	8 8	1 3	20 46	1 37	21 47	1 23	12 14	0 25	7 0	0 52	23 17	0 1	8 37	0 48	21 42	1 8	25 10	3 11	2 25	2 26	9 47		n.a.
W 5	23 48	1 27	0s10	20 28	1 49	21 29	1 21	12 28	0 25	7 1	0 52	23 17	0 1	8 38	0 48	21 41	1 8	25 10	3 11	2 25	2 28	9 50		n.a.
T 6	23 50	5s23	1 24	20 10	2 0	21 10	1 19	12 41	0 24	7 1	0 51	23 17	0 1	8 38	0 48	21 41	1 8	25 11	3 11	2 25	2 29	9 53		n.a.
F 7	23 52	12 2	2 33	19 52	2 11	20 51	1 16	12 55	0 23	7 1	0 51	23 16	0 1	8 38	0 48	21 40	1 8	25 11	3 11	2 26	2 30	9 57		n.a.
S 8	23 54	18 6	3 33	19 36	2 23	20 31	1 14	13 9	0 22	7 2	0 51	23 16	0 1	8 38	0 48	21 40	1 8	25 11	3 11	2 27	2 32	10 0		n.a.
S 9	23 55	23 11	4 20	19 19	2 34	20 11	1 12	13 22	0 22	7 2	0 51	23 16	0 1	8 38	0 48	21 40	1 8	25 12	3 11	2 30	2 33	10 3		n.a.
M10	23 55	26 49	4 49	19 4	2 45	19 50	1 9	13 36	0 21	7 3	0 50	23 15	0 1	8 38	0 48	21 39	1 8	25 12	3 11	2 34	2 34	10 7		n.a.
T 11	23 56	28 41	5 0	18 50	2 57	19 29	1 7	13 49	0 20	7 4	0 50	23 15	0 1	8 38	0 48	21 39	1 8	25 12	3 11	2 38	2 35	10 10		n.a.
W12	23 55	28 39	4 53	18 36	3 7	19 7	1 4	14 2	0 20	7 5	0 50	23 15	0 1	8 38	0 48	21 38	1 8	25 13	3 12	2 43	2 37	10 13		n.a.
T 13	23 55	26 48	4 28	18 24	3 18	18 45	1 1	14 15	0 19	7 5	0 49	23 14	0 0	8 39	0 48	21 38	1 8	25 13	3 12	2 48	2 38	10 16		n.a.
F 14	23 54	23 27	3 49	18 13	3 28	18 22	0 58	14 28	0 18	7 6	0 49	23 14	0 0	8 39	0 48	21 37	1 8	25 14	3 12	2 51	2 39	10 20		n.a.
S 15	23 52	19 1	2 59	18 4	3 37	17 59	0 56	14 41	0 17	7 7	0 49	23 14	0 0	8 39	0 48	21 37	1 8	25 14	3 12	2 54	2 41	10 23		n.a.
S 16	23 50	13 50	2 1	17 57	3 46	17 35	0 53	14 54	0 17	7 8	0 49	23 13	0 0	8 39	0 48	21 36	1 8	25 14	3 12	2 56	2 42	10 26		n.a.
M17	23 48	8 15	0 59	17 51	3 54	17 11	0 49	15 6	0 16	7 10	0 48	23 13	0 0	8 40	0 48	21 36	1 8	25 15	3 12	2 57	2 43	10 30		n.a.
T 18	23 45	2 29	0n 5	17 48	4 1	16 46	0 46	15 19	0 15	7 11	0 48	23 13	0s 0	8 40	0 48	21 36	1 8	25 15	3 12	2 57	2 44	10 33		n.a.
W19	23 42	3n18	1 8	17 46	4 7	16 21	0 43	15 31	0 14	7 12	0 48	23 12	0 0	8 40	0 48	21 35	1 8	25 15	3 12	2 57	2 46	10 36		n.a.
T 20	23 38	8 55	2 7	17 47	4 12	15 56	0 40	15 43	0 14	7 13	0 48	23 12	0 0	8 41	0 48	21 35	1 8	25 16	3 12	2 57	2 47	10 40		n.a.
F 21	23 34	14 14	3 1	17 49	4 15	15 30	0 36	15 56	0 13	7 15	0 47	23 12	0 0	8 41	0 48	21 34	1 8	25 16	3 13	2 58	2 48	10 43		n.a.
S 22	23 30	19 5	3 47	17 54	4 17	15 4	0 33	16 8	0 12	7 16	0 47	23 11	0 0	8 41	0 48	21 34	1 8	25 16	3 13	2 59	2 49	10 46		n.a.
S 23	23 25	23 13	4 24	18 2	4 17	14 38	0 30	16 19	0 11	7 18	0 47	23 11	0 0	8 42	0 48	21 33	1 8	25 17	3 13	3 2	2 51	10 49		n.a.
M24	23 20	26 25	4 50	18 11	4 16	14 11	0 26	16 31	0 11	7 19	0 46	23 11	0 1	8 42	0 48	21 33	1 8	25 17	3 13	3 5	2 52	10 53		n.a.
T 25	23 14	28 23	5 1	18 23	4 12	13 44	0 22	16 43	0 10	7 21	0 46	23 10	0 1	8 43	0 48	21 32	1 8	25 18	3 13	3 10	2 53	10 56		n.a.
W26	23 7	28 54	4 59	18 37	4 6	13 17	0 19	16 54	0 9	7 23	0 46	23 10	0 1	8 43	0 48	21 32	1 8	25 18	3 13	3 15	2 55	10 59		n.a.
T 27	23 1	27 48	4 40	18 52	3 59	12 49	0 15	17 6	0 8	7 25	0 46	23 10	0 1	8 43	0 48	21 31	1 8	25 18	3 13	3 19	2 56	11 2		n.a.
F 28	22 54	25 5	4 6	19 9	3 49	12 21	0 11	17 17	0 7	7 27	0 45	23 10	0 1	8 44	0 48	21 31	1 8	25 19	3 13	3 23	2 57	11 6		n.a.
S 29	22 46	20 55	3 17	19 27	3 37	11 52	0 7	17 28	0 7	7 28	0 45	23 9	0 1	8 44	0 48	21 30	1 8	25 19	3 13	3 26	2 58	11 9		n.a.
S 30	22 38	15 35	2 16	19 47	3 24	11 24	0 3	17 39	0 6	7 30	0 45	23 9	0 1	8 45	0 48	21 30	1 8	25 19	3 14	3 29	3 0	11 12		n.a.
M31	22n30	9n25	1n 6	20n 7	3s 9	10n55	0s 1	17n50	0s 5	7s33	0n45	23s 9	0s 1	8s45	0s49	21n29	1n 8	25n20	3n14	3s30	3s 1	11n15		n.a.

Julian Day Number = 985625.5, Delta T = 13h08m35s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'45, Lahiri = -31°43'45 Julian Calendar 1 July 2015 BCE == Greg. Calendar 14 June 2015 BCE

The year -2014 astronomical counting style corresponds to year 2015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

AUGUST 2015 BCE (-2014) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 29 22	20♋18'48	22♍54	12°R29	3♍16	19♉54	20♎45	15°R29	9°R53	0♘50	8♊21	21°D21	22♓30	22♈30	n.a.	T 1
W 2	19 33 19	21°17'28	6♎58	11♋48	4°25	20°30	20°50	15♐25	9♓51	0°52	8°22	21♓21	22°26	22°36	n.a.	W 2
T 3	19 37 15	22°16'09	21° 5	11°15	5°33	21° 6	20°55	15°22	9°50	0°55	8°23	21°R22	22°23	22°43	n.a.	T 3
F 4	19 41 12	23°14'53	5♏14	10°50	6°42	21°42	21° 1	15°19	9°48	0°57	8°25	21°21	22°20	22°50	n.a.	F 4
S 5	19 45 8	24°13'38	19°23	10°35	7°50	22°17	21° 6	15°16	9°47	0°59	8°26	21°19	22°17	22°56	n.a.	S 5
S 6	19 49 5	25°12'25	3♐30	10°D29	8°59	22°52	21°12	15°13	9°45	1° 1	8°27	21°14	22°14	23° 3	n.a.	S 6
M 7	19 53 1	26°11'15	17°32	10°32	10° 7	23°28	21°18	15°10	9°44	1° 4	8°28	21° 7	22°10	23°10	n.a.	M 7
T 8	19 56 58	27°10'06	1♑27	10°46	11°15	24° 3	21°24	15° 8	9°42	1° 6	8°30	20°58	22° 7	23°17	n.a.	T 8
W 9	20 0 54	28° 8'59	15° 9	11° 9	12°23	24°38	21°30	15° 5	9°41	1° 8	8°31	20°49	22° 4	23°23	n.a.	W 9
T 10	20 4 51	29° 7'55	28°37	11°41	13°31	25°13	21°36	15° 2	9°39	1°10	8°32	20°41	22° 1	23°30	n.a.	T 10
F 11	20 8 47	0♘ 6'52	11♒47	12°23	14°38	25°48	21°43	15° 0	9°37	1°12	8°33	20°33	21°58	23°37	n.a.	F 11
S 12	20 12 44	1° 5'52	24°38	13°13	15°46	26°23	21°50	14°57	9°35	1°15	8°34	20°28	21°55	23°43	n.a.	S 12
S 13	20 16 41	2° 4'54	7♓12	14°11	16°53	26°57	21°56	14°55	9°34	1°17	8°35	20°25	21°51	23°50	n.a.	S 13
M14	20 20 37	3° 3'58	19°29	15°16	18° 0	27°32	22° 3	14°53	9°32	1°19	8°36	20°D24	21°48	23°57	n.a.	M14
T 15	20 24 34	4° 3'05	1♈32	16°27	19° 7	28° 6	22°10	14°51	9°30	1°21	8°38	20°25	21°45	24° 3	n.a.	T 15
W16	20 28 30	5° 2'14	13°26	17°45	20°14	28°41	22°18	14°49	9°28	1°24	8°39	20°26	21°42	24°10	n.a.	W16
T 17	20 32 27	6° 1'26	25°16	19° 7	21°21	29°15	22°25	14°47	9°26	1°26	8°40	20°27	21°39	24°17	n.a.	T 17
F 18	20 36 23	7° 0'40	7♉ 6	20°34	22°28	29°49	22°33	14°45	9°24	1°28	8°41	20°R28	21°35	24°23	n.a.	F 18
S 19	20 40 20	7°59'57	19° 2	22° 5	23°34	0♊23	22°40	14°43	9°22	1°30	8°42	20°27	21°32	24°30	n.a.	S 19
S 20	20 44 16	8°59'16	1♊ 8	23°40	24°41	0°57	22°48	14°41	9°20	1°33	8°43	20°25	21°29	24°37	n.a.	S 20
M21	20 48 13	9°58'38	13°30	25°17	25°47	1°30	22°56	14°40	9°18	1°35	8°44	20°20	21°26	24°43	n.a.	M21
T 22	20 52 9	10°58'02	26°10	26°56	26°53	2° 4	23° 4	14°38	9°16	1°37	8°44	20°15	21°23	24°50	n.a.	T 22
W23	20 56 6	11°57'29	9♋11	28°37	27°59	2°38	23°12	14°37	9°14	1°39	8°45	20° 8	21°20	24°57	n.a.	W23
T 24	21 0 3	12°56'58	22°34	0♘20	29° 4	3°11	23°21	14°35	9°12	1°41	8°46	20° 2	21°16	25° 3	n.a.	T 24
F 25	21 3 59	13°56'29	6♘17	2° 4	0♎10	3°44	23°29	14°34	9°10	1°44	8°47	19°56	21°13	25°10	n.a.	F 25
S 26	21 7 56	14°56'03	20°17	3°48	1°15	4°17	23°38	14°33	9° 8	1°46	8°48	19°52	21°10	25°17	n.a.	S 26
S 27	21 11 52	15°55'39	4♍31	5°33	2°20	4°50	23°47	14°32	9° 5	1°48	8°49	19°49	21° 7	25°23	n.a.	S 27
M28	21 15 49	16°55'16	18°53	7°18	3°25	5°23	23°55	14°31	9° 3	1°50	8°50	19°D48	21° 4	25°30	n.a.	M28
T 29	21 19 45	17°54'56	3♎18	9° 3	4°29	5°56	24° 4	14°30	9° 1	1°52	8°50	19°49	21° 1	25°37	n.a.	T 29
W30	21 23 42	18°54'38	17°42	10°49	5°34	6°28	24°14	14°29	8°59	1°54	8°51	19°50	20°57	25°43	n.a.	W30
T 31	21 27 38	19♘54'22	2♏ 1	12♘34	6♎38	7♊ 0	24♎23	14♐29	8♓56	1♘57	8♊52	19♓52	20♓54	25♈50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	22n21	2n45	0s 8	20n27	2s53	10n26	0s 5	18n 1	0s 4	7s35	0n44	23s 8	0s 1	8s46	0s49	21n29	1n 8	25n20	3n14	3s30	3s 2	11n19			n.a.
W 2	22 12	4s 5	1 23	20 48	2 36	9 57	0 9	18 11	0 3	7 37	0 44	23 8	0 1	8 47	0 49	21 28	1 8	25 20	3 14	3 30	3 4	11 22			n.a.
T 3	22 3	10 44	2 32	21 9	2 18	9 27	0 14	18 22	0 2	7 39	0 44	23 8	0 2	8 47	0 49	21 28	1 8	25 21	3 14	3 30	3 5	11 25			n.a.
F 4	21 53	16 51	3 32	21 30	1 59	8 57	0 18	18 32	0 2	7 41	0 44	23 8	0 2	8 48	0 49	21 27	1 8	25 21	3 14	3 30	3 6	11 28			n.a.
S 5	21 42	22 5	4 20	21 50	1 40	8 28	0 22	18 42	0 1	7 44	0 43	23 7	0 2	8 48	0 49	21 27	1 8	25 21	3 14	3 31	3 7	11 32			n.a.
S 6	21 32	26 2	4 51	22 9	1 22	7 58	0 26	18 52	0n 0	7 46	0 43	23 7	0 2	8 49	0 49	21 26	1 8	25 22	3 14	3 33	3 9	11 35			n.a.
M 7	21 21	28 23	5 5	22 27	1 3	7 27	0 31	19 2	0 1	7 49	0 43	23 7	0 2	8 50	0 49	21 26	1 8	25 22	3 15	3 36	3 10	11 38			n.a.
T 8	21 9	28 56	5 0	22 44	0 45	6 57	0 35	19 12	0 2	7 51	0 43	23 7	0 2	8 50	0 49	21 25	1 8	25 22	3 15	3 39	3 11	11 41			n.a.
W 9	20 57	27 40	4 39	22 59	0 28	6 26	0 40	19 22	0 3	7 54	0 42	23 6	0 2	8 51	0 49	21 25	1 8	25 23	3 15	3 43	3 13	11 45			n.a.
T 10	20 45	24 48	4 2	23 13	0 11	5 56	0 44	19 31	0 4	7 56	0 42	23 6	0 2	8 52	0 49	21 24	1 8	25 23	3 15	3 46	3 14	11 48			n.a.
F 11	20 32	20 41	3 12	23 25	0n 5	5 25	0 49	19 40	0 5	7 59	0 42	23 6	0 2	8 52	0 49	21 24	1 8	25 23	3 15	3 49	3 15	11 51			n.a.
S 12	20 19	15 41	2 14	23 35	0 20	4 54	0 54	19 50	0 5	8 2	0 42	23 6	0 2	8 53	0 49	21 23	1 8	25 24	3 15	3 51	3 16	11 54			n.a.
S 13	20 6	10 8	1 11	23 43	0 33	4 23	0 58	19 59	0 6	8 5	0 41	23 6	0 2	8 54	0 49	21 23	1 8	25 24	3 15	3 52	3 18	11 58			n.a.
M14	19 52	4 20	0 5	23 48	0 46	3 52	1 3	20 8	0 7	8 8	0 41	23 6	0 3	8 54	0 49	21 23	1 8	25 24	3 16	3 53	3 19	12 1			n.a.
T 15	19 38	1n32	1n 0	23 51	0 58	3 21	1 8	20 17	0 8	8 10	0 41	23 5	0 3	8 55	0 49	21 22	1 8	25 25	3 16	3 52	3 20	12 4			n.a.
W16	19 24	7 16	2 1	23 51	1 8	2 50	1 13	20 25	0 9	8 13	0 41	23 5	0 3	8 56	0 49	21 22	1 8	25 25	3 16	3 52	3 21	12 7			n.a.
T 17	19 9	12 43	2 57	23 48	1 17	2 19	1 17	20 34	0 10	8 16	0 41	23 5	0 3	8 57	0 49	21 21	1 8	25 25	3 16	3 51	3 23	12 10			n.a.
F 18	18 54	17 42	3 46	23 43	1 25	1 48	1 22	20 42	0 11	8 19	0 40	23 5	0 3	8 57	0 49	21 21	1 8	25 25	3 16	3 51	3 24	12 14			n.a.
S 19	18 38	22 4	4 25	23 35	1 32	1 17	1 27	20 50	0 12	8 23	0 40	23 5	0 3	8 58	0 49	21 20	1 8	25 26	3 16	3 51	3 25	12 17			n.a.
S 20	18 23	25 35	4 53	23 25	1 38	0 45	1 32	20 59	0 13	8 26	0 40	23 5	0 3	8 59	0 49	21 20	1 8	25 26	3 16	3 52	3 27	12 20			n.a.
M21	18 6	27 59	5 8	23 12	1 43	0 14	1 37	21 7	0 14	8 29	0 40	23 5	0 3	9 0	0 49	21 19	1 8	25 26	3 17	3 54	3 28	12 23			n.a.
T 22	17 50	29 1	5 9	22 57	1 47	0s17	1 42	21 14	0 15	8 32	0 39	23 5	0 3	9 1	0 49	21 19	1 8	25 27	3 17	3 56	3 29	12 26			n.a.
W23	17 33	28 29	4 53	22 39	1 50	0 48	1 46	21 22	0 16	8 36	0 39	23 4	0 3	9 1	0 49	21 18	1 8	25 27	3 17	3 59	3 30	12 30			n.a.
T 24	17 16	26 18	4 22	22 19	1 52	1 19	1 51	21 30	0 17	8 39	0 39	23 4	0 3	9 2	0 49	21 18	1 8	25 27	3 17	4 2	3 32	12 33			n.a.
F 25	16 59	22 33	3 35	21 57	1 54	1 50	1 56	21 37	0 18	8 42	0 39	23 4	0 3	9 3	0 49	21 17	1 8	25 28	3 17	4 4	3 33	12 36			n.a.
S 26	16 41	17 27	2 34	21 33	1 54	2 21	2 1	21 45	0 19	8 46	0 39	23 4	0 4	9 4	0 49	21 17	1 8	25 28	3 17	4 6	3 34	12 39			n.a.
S 27	16 23	11 20	1 23	21 7	1 54	2 52	2 6	21 52	0 20	8 49	0 38	23 4	0 4	9 5	0 49	21 16	1 8	25 28	3 17	4 7	3 35	12 42			n.a.
M28	16 5	4 34	0 5	20 39	1 54	3 23	2 11	21 59	0 21	8 53	0 38	23 4	0 4	9 6	0 49	21 16	1 8	25 28	3 18	4 7	3 37	12 46			n.a.
T 29	15 46	2s27	1s13	20 10	1 53	3 53	2 16	22 6	0 22	8 56	0 38	23 4	0 4	9 7	0 49	21 15	1 8	25 29	3 18	4 7	3 38	12 49			n.a.
W30	15 28	9 20	2 27	19 39	1 51	4 24	2 21	22 13	0 23	9 0	0 38	23 4	0 4	9 7	0 49	21 15	1 8	25 29	3 18	4 6	3 39	12 52			n.a.
T 31	15n 9	15s42	3s31	19n 7	1n49	4s54	2s26	22n19	0n24	9s 4	0n37	23s 4	0s 4	9s 8	0s49	21n14	1n 8	25n29	3n18	4s 6	3s41	12n55			n.a.

Julian Day Number = 985656.5, Delta T = 13h08m33s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'41, Lahiri = -31°43'41 Julian Calendar 1 Aug. 2015 BCE == Greg. Calendar 15 July 2015 BCE

The year -2014 astronomical counting style corresponds to year 2015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

SEPTEMBER 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 31 35	20♌54'07	16♏13	14♌19	7♎42	7♊33	24♎32	14°R28	8°R54	1♌59	8♊52	19°R53	20♓51	25♈57	n.a.	F 1
S 2	21 35 31	21°53'55	0♐16	16° 3	8°45	8° 5	24°42	14♐28	8♓52	2° 1	8°53	19♓52	20°48	26° 3	n.a.	S 2
S 3	21 39 28	22°53'44	14° 8	17°47	9°49	8°37	24°51	14°28	8°49	2° 3	8°54	19°51	20°45	26°10	n.a.	S 3
M 4	21 43 25	23°53'35	27°50	19°31	10°52	9° 8	25° 1	14°27	8°47	2° 5	8°54	19°48	20°41	26°17	n.a.	M 4
T 5	21 47 21	24°53'28	11♑19	21°14	11°55	9°40	25°11	14°27	8°45	2° 7	8°55	19°45	20°38	26°23	n.a.	T 5
W 6	21 51 18	25°53'24	24°35	22°57	12°57	10°11	25°21	14°D27	8°42	2° 9	8°56	19°41	20°35	26°30	n.a.	W 6
T 7	21 55 14	26°53'21	7♒38	24°39	14° 0	10°43	25°31	14°27	8°40	2°11	8°56	19°37	20°32	26°37	n.a.	T 7
F 8	21 59 11	27°53'19	20°27	26°20	15° 2	11°14	25°41	14°27	8°37	2°14	8°57	19°34	20°29	26°43	n.a.	F 8
S 9	22 3 7	28°53'20	3♓ 1	28° 1	16° 3	11°45	25°51	14°28	8°35	2°16	8°57	19°32	20°26	26°50	n.a.	S 9
S 10	22 7 4	29°53'23	15°23	29°42	17° 4	12°16	26° 1	14°28	8°33	2°18	8°58	19°D31	20°22	26°57	n.a.	S 10
M11	22 11 0	0♍53'28	27°33	1♍21	18° 5	12°46	26°12	14°29	8°30	2°20	8°58	19°32	20°19	27° 3	n.a.	M11
T 12	22 14 57	1°53'36	9♈32	3° 1	19° 6	13°17	26°22	14°29	8°28	2°22	8°58	19°33	20°16	27°10	n.a.	T 12
W13	22 18 53	2°53'45	21°25	4°39	20° 6	13°47	26°33	14°30	8°25	2°24	8°59	19°34	20°13	27°17	n.a.	W13
T 14	22 22 50	3°53'57	3♉14	6°18	21° 6	14°17	26°44	14°31	8°23	2°26	8°59	19°35	20°10	27°23	n.a.	T 14
F 15	22 26 47	4°54'11	15° 4	7°55	22° 5	14°47	26°55	14°32	8°20	2°28	9° 0	19°37	20° 7	27°30	n.a.	F 15
S 16	22 30 43	5°54'27	26°58	9°32	23° 4	15°17	27° 6	14°33	8°18	2°30	9° 0	19°38	20° 3	27°37	n.a.	S 16
S 17	22 34 40	6°54'45	9♊ 3	11° 9	24° 3	15°46	27°17	14°34	8°15	2°31	9° 0	19°R38	20° 0	27°43	n.a.	S 17
M18	22 38 36	7°55'06	21°22	12°45	25° 1	16°15	27°28	14°35	8°13	2°33	9° 0	19°37	19°57	27°50	n.a.	M18
T 19	22 42 33	8°55'29	4♋ 0	14°21	25°59	16°44	27°39	14°36	8°10	2°35	9° 1	19°36	19°54	27°57	n.a.	T 19
W20	22 46 29	9°55'54	17° 1	15°56	26°56	17°13	27°50	14°38	8° 8	2°37	9° 1	19°35	19°51	28° 3	n.a.	W20
T 21	22 50 26	10°56'21	0♌26	17°31	27°53	17°42	28° 2	14°39	8° 5	2°39	9° 1	19°34	19°47	28°10	n.a.	T 21
F 22	22 54 22	11°56'51	14°17	19° 6	28°50	18°11	28°13	14°41	8° 3	2°41	9° 1	19°33	19°44	28°17	n.a.	F 22
S 23	22 58 19	12°57'22	28°31	20°40	29°45	18°39	28°25	14°43	8° 0	2°43	9° 1	19°32	19°41	28°23	n.a.	S 23
S 24	23 2 16	13°57'55	13♍ 4	22°14	0♏41	19° 7	28°36	14°45	7°58	2°44	9° 1	19°D32	19°38	28°30	n.a.	S 24
M25	23 6 12	14°58'29	27°51	23°47	1°35	19°35	28°48	14°46	7°56	2°46	9° 1	19°32	19°35	28°37	n.a.	M25
T 26	23 10 9	15°59'06	12♎43	25°20	2°29	20° 2	29° 0	14°49	7°53	2°48	9° 2	19°32	19°32	28°43	n.a.	T 26
W27	23 14 5	16°59'43	27°34	26°53	3°23	20°30	29°12	14°51	7°51	2°50	9°R 2	19°33	19°28	28°50	n.a.	W27
T 28	23 18 2	18° 0'23	12♏16	28°25	4°16	20°57	29°24	14°53	7°48	2°51	9° 2	19°33	19°25	28°57	n.a.	T 28
F 29	23 21 58	19° 1'04	26°44	29°57	5° 8	21°24	29°36	14°55	7°46	2°53	9° 1	19°33	19°22	29° 3	n.a.	F 29
S 30	23 25 55	20♍ 1'46	10♐54	1♎29	5♏59	21♊50	29♎48	14♐58	7♓43	2♌55	9♊ 1	19°R33	19♓19	29♈10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	14n49	21s11	4s21	18n33	1n46	5s25	2s31	22n26	0n25	9s 7	0n37	23s 4	0s 4	9s 9	0s49	21n14	1n 8	25n29	3n18	4s 5	3s42	12n58			n.a.
S 2	14 30	25 26	4 56	17 59	1 43	5 55	2 35	22 32	0 26	9 11	0 37	23 4	0 4	9 10	0 49	21 13	1 8	25 30	3 18	4 5	3 43	13 1			n.a.
S 3	14 10	28 8	5 12	17 23	1 39	6 25	2 40	22 38	0 27	9 15	0 37	23 4	0 4	9 11	0 49	21 13	1 8	25 30	3 18	4 6	3 44	13 5			n.a.
M 4	13 50	29 5	5 11	16 46	1 35	6 54	2 45	22 44	0 28	9 19	0 37	23 4	0 4	9 12	0 49	21 12	1 8	25 30	3 19	4 7	3 46	13 8			n.a.
T 5	13 29	28 17	4 52	16 9	1 31	7 24	2 50	22 50	0 30	9 22	0 36	23 4	0 4	9 13	0 49	21 12	1 8	25 30	3 19	4 8	3 47	13 11			n.a.
W 6	13 9	25 52	4 18	15 30	1 27	7 53	2 55	22 56	0 31	9 26	0 36	23 5	0 4	9 14	0 49	21 11	1 8	25 31	3 19	4 10	3 48	13 14			n.a.
T 7	12 48	22 7	3 31	14 51	1 22	8 22	2 59	23 2	0 32	9 30	0 36	23 5	0 5	9 15	0 49	21 11	1 8	25 31	3 19	4 11	3 50	13 17			n.a.
F 8	12 27	17 23	2 33	14 12	1 17	8 51	3 4	23 8	0 33	9 34	0 36	23 5	0 5	9 16	0 49	21 11	1 8	25 31	3 19	4 13	3 51	13 20			n.a.
S 9	12 6	12 0	1 30	13 31	1 12	9 20	3 9	23 13	0 34	9 38	0 36	23 5	0 5	9 17	0 49	21 10	1 8	25 31	3 19	4 13	3 52	13 23			n.a.
S 10	11 44	6 13	0 23	12 50	1 6	9 48	3 13	23 18	0 35	9 42	0 35	23 5	0 5	9 17	0 49	21 10	1 8	25 32	3 20	4 14	3 53	13 27			n.a.
M11	11 23	0 19	0n44	12 9	1 1	10 16	3 18	23 24	0 36	9 46	0 35	23 5	0 5	9 18	0 49	21 9	1 8	25 32	3 20	4 14	3 55	13 30			n.a.
T 12	11 1	5n30	1 48	11 27	0 55	10 44	3 22	23 29	0 38	9 50	0 35	23 5	0 5	9 19	0 49	21 9	1 8	25 32	3 20	4 13	3 56	13 33			n.a.
W13	10 39	11 6	2 47	10 45	0 49	11 12	3 27	23 34	0 39	9 54	0 35	23 5	0 5	9 20	0 49	21 8	1 9	25 32	3 20	4 13	3 57	13 36			n.a.
T 14	10 17	16 16	3 39	10 3	0 43	11 39	3 31	23 39	0 40	9 58	0 35	23 6	0 5	9 21	0 49	21 8	1 9	25 33	3 20	4 12	3 58	13 39			n.a.
F 15	9 54	20 50	4 21	9 20	0 37	12 6	3 35	23 43	0 41	10 3	0 35	23 6	0 5	9 22	0 49	21 7	1 9	25 33	3 20	4 12	4 0	13 42			n.a.
S 16	9 32	24 37	4 53	8 37	0 31	12 32	3 40	23 48	0 43	10 7	0 34	23 6	0 5	9 23	0 49	21 7	1 9	25 33	3 21	4 11	4 1	13 45			n.a.
S 17	9 9	27 23	5 11	7 54	0 24	12 58	3 44	23 53	0 44	10 11	0 34	23 6	0 5	9 24	0 49	21 7	1 9	25 33	3 21	4 11	4 2	13 48			n.a.
M18	8 46	28 54	5 17	7 11	0 18	13 24	3 48	23 57	0 45	10 15	0 34	23 6	0 5	9 25	0 49	21 6	1 9	25 33	3 21	4 11	4 4	13 52			n.a.
T 19	8 23	28 59	5 7	6 27	0 11	13 49	3 52	24 1	0 46	10 19	0 34	23 7	0 6	9 26	0 49	21 6	1 9	25 34	3 21	4 12	4 5	13 55			n.a.
W20	8 0	27 28	4 41	5 44	0 5	14 14	3 56	24 5	0 48	10 24	0 34	23 7	0 6	9 27	0 49	21 5	1 9	25 34	3 21	4 12	4 6	13 58			n.a.
T 21	7 37	24 22	4 0	5 0	0s 2	14 39	4 0	24 9	0 49	10 28	0 33	23 7	0 6	9 28	0 49	21 5	1 9	25 34	3 21	4 13	4 7	14 1			n.a.
F 22	7 13	19 48	3 3	4 16	0 8	15 3	4 4	24 13	0 50	10 32	0 33	23 7	0 6	9 29	0 49	21 5	1 9	25 34	3 21	4 13	4 9	14 4			n.a.
S 23	6 50	14 1	1 54	3 33	0 15	15 27	4 7	24 17	0 52	10 37	0 33	23 8	0 6	9 30	0 49	21 4	1 9	25 34	3 22	4 13	4 10	14 7			n.a.
S 24	6 26	7 20	0 36	2 49	0 21	15 50	4 11	24 21	0 53	10 41	0 33	23 8	0 6	9 31	0 49	21 4	1 9	25 35	3 22	4 14	4 11	14 10			n.a.
M25	6 2	0 10	0s46	2 6	0 28	16 13	4 14	24 25	0 54	10 46	0 33	23 8	0 6	9 32	0 49	21 3	1 9	25 35	3 22	4 13	4 12	14 13			n.a.
T 26	5 38	7s 2	2 5	1 22	0 34	16 36	4 17	24 28	0 56	10 50	0 33	23 9	0 6	9 32	0 49	21 3	1 9	25 35	3 22	4 13	4 14	14 16			n.a.
W27	5 14	13 51	3 16	0 39	0 41	16 58	4 21	24 32	0 57	10 54	0 32	23 9	0 6	9 33	0 49	21 3	1 9	25 35	3 22	4 13	4 15	14 19			n.a.
T 28	4 50	19 50	4 13	0s 5	0 47	17 19	4 24	24 35	0 58	10 59	0 32	23 9	0 6	9 34	0 49	21 2	1 9	25 35	3 22	4 13	4 16	14 23			n.a.
F 29	4 26	24 34	4 53	0 48	0 54	17 40	4 27	24 38	1 0	11 3	0 32	23 10	0 6	9 35	0 49	21 2	1 9	25 35	3 23	4 13	4 18	14 26			n.a.
S 30	4n 2	27s43	5s14	1s31	1s 0	18s 1	4s29	24n41	1n 1	11s 8	0n32	23s10	0s 6	9s36	0s49	21n 2	1n 9	25n35	3n23	4s13	4s19	14n29			n.a.

Julian Day Number = 985687.5, Delta T = 13h08m31s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'37, Lahiri = -31°43'36 Julian Calendar 1 Sept. 2015 BCE == Greg. Calendar 15 Aug. 2015 BCE

The year -2014 astronomical counting style corresponds to year 2015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

OCTOBER 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 29 51	21♍ 2'30	24♐45	3♎ 0	6♏50	22♊16	0♏ 0	15♐ 0	7°R41	2♌56	9°R 1	19°D33	19♓16	29♈17	n.a.	S 1
M 2	23 33 48	22° 3'15	8♑16	4°31	7°40	22°43	0°12	15° 3	7♓39	2°58	9♊ 1	19♓33	19°13	29°24	n.a.	M 2
T 3	23 37 45	23° 4'01	21°28	6° 2	8°30	23° 8	0°25	15° 6	7°36	3° 0	9° 1	19°33	19° 9	29°30	n.a.	T 3
W 4	23 41 41	24° 4'49	4♒24	7°32	9°18	23°34	0°37	15° 8	7°34	3° 1	9° 1	19°34	19° 6	29°37	n.a.	W 4
T 5	23 45 38	25° 5'38	17° 6	9° 2	10° 5	23°59	0°50	15°11	7°32	3° 3	9° 1	19°34	19° 3	29°44	n.a.	T 5
F 6	23 49 34	26° 6'28	29°34	10°32	10°52	24°24	1° 2	15°14	7°29	3° 4	9° 0	19°35	19° 0	29°50	n.a.	F 6
S 7	23 53 31	27° 7'19	11♓51	12° 1	11°38	24°49	1°15	15°17	7°27	3° 6	9° 0	19°35	18°57	29°57	n.a.	S 7
S 8	23 57 27	28° 8'11	23°59	13°30	12°23	25°13	1°27	15°21	7°25	3° 7	9° 0	19°R35	18°53	0♉ 4	n.a.	S 8
M 9	0 1 24	29° 9'05	6♈ 0	14°59	13° 6	25°37	1°40	15°24	7°22	3° 9	9° 0	19°35	18°50	0°10	n.a.	M 9
T 10	0 5 20	0♎10'01	17°55	16°27	13°49	26° 1	1°53	15°27	7°20	3°10	8°59	19°34	18°47	0°17	n.a.	T 10
W11	0 9 17	1°10'57	29°45	17°54	14°31	26°25	2° 6	15°31	7°18	3°11	8°59	19°32	18°44	0°24	n.a.	W11
T 12	0 13 13	2°11'56	11♉35	19°21	15°11	26°48	2°18	15°34	7°16	3°13	8°59	19°30	18°41	0°30	n.a.	T 12
F 13	0 17 10	3°12'55	23°25	20°47	15°51	27°11	2°31	15°38	7°14	3°14	8°58	19°28	18°38	0°37	n.a.	F 13
S 14	0 21 7	4°13'56	5♊20	22°13	16°29	27°33	2°44	15°42	7°11	3°15	8°58	19°26	18°34	0°44	n.a.	S 14
S 15	0 25 3	5°14'59	17°23	23°38	17° 5	27°55	2°57	15°45	7° 9	3°17	8°57	19°25	18°31	0°50	n.a.	S 15
M16	0 29 0	6°16'03	29°39	25° 1	17°41	28°17	3°10	15°49	7° 7	3°18	8°57	19°24	18°28	0°57	n.a.	M16
T 17	0 32 56	7°17'08	12♋11	26°24	18°15	28°39	3°24	15°53	7° 5	3°19	8°56	19°D24	18°25	1° 4	n.a.	T 17
W18	0 36 53	8°18'15	25° 4	27°45	18°48	29° 0	3°37	15°57	7° 3	3°20	8°56	19°24	18°22	1°10	n.a.	W18
T 19	0 40 49	9°19'23	8♌22	29° 4	19°19	29°21	3°50	16° 2	7° 1	3°22	8°55	19°26	18°18	1°17	n.a.	T 19
F 20	0 44 46	10°20'32	22° 6	0♏22	19°49	29°41	4° 3	16° 6	6°59	3°23	8°55	19°27	18°15	1°24	n.a.	F 20
S 21	0 48 43	11°21'43	6♍18	1°38	20°17	0♋ 1	4°17	16°10	6°57	3°24	8°54	19°28	18°12	1°30	n.a.	S 21
S 22	0 52 39	12°22'54	20°56	2°52	20°43	0°21	4°30	16°15	6°55	3°25	8°53	19°R29	18° 9	1°37	n.a.	S 22
M23	0 56 36	13°24'07	5♎54	4° 3	21° 8	0°40	4°43	16°19	6°54	3°26	8°53	19°28	18° 6	1°44	n.a.	M23
T 24	1 0 32	14°25'20	21° 4	5°11	21°30	0°58	4°57	16°24	6°52	3°27	8°52	19°26	18° 3	1°50	n.a.	T 24
W25	1 4 29	15°26'34	6♏17	6°15	21°51	1°17	5°10	16°28	6°50	3°28	8°51	19°23	17°59	1°57	n.a.	W25
T 26	1 8 25	16°27'49	21°23	7°15	22°10	1°35	5°24	16°33	6°48	3°29	8°51	19°19	17°56	2° 4	n.a.	T 26
F 27	1 12 22	17°29'04	6♐13	8°10	22°27	1°52	5°37	16°38	6°46	3°30	8°50	19°15	17°53	2°11	n.a.	F 27
S 28	1 16 18	18°30'20	20°39	9° 0	22°42	2° 9	5°51	16°43	6°45	3°31	8°49	19°11	17°50	2°17	n.a.	S 28
S 29	1 20 15	19°31'37	4♑40	9°44	22°55	2°25	6° 5	16°48	6°43	3°31	8°48	19° 9	17°47	2°24	n.a.	S 29
M30	1 24 12	20°32'53	18°13	10°21	23° 6	2°42	6°18	16°53	6°42	3°32	8°48	19°D 8	17°44	2°31	n.a.	M30
T 31	1 28 8	21♎34'10	1♒22	10♏49	23♏14	2♋57	6♏32	16♐58	6♓40	3♌33	8♊47	19♓ 9	17♓40	2♉37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	3n37	29s 5	5s16	2s13	1s 6	18s20	4s32	24n44	1n 3	11s12	0n32	23s10	0s 6	9s37	0s49	21n 1	1n 9	25n36	3n23	4s13	4s20	14n32			n.a.
M 2	3 13	28 40	5 1	2 56	1 12	18 40	4 35	24 47	1 4	11 17	0 32	23 11	0 7	9 38	0 49	21 1	1 9	25 36	3 23	4 13	4 21	14 35			n.a.
T 3	2 48	26 37	4 30	3 38	1 18	18 59	4 37	24 50	1 6	11 21	0 31	23 11	0 7	9 39	0 49	21 1	1 9	25 36	3 23	4 13	4 23	14 38			n.a.
W 4	2 24	23 12	3 45	4 20	1 24	19 17	4 39	24 53	1 7	11 26	0 31	23 11	0 7	9 40	0 49	21 0	1 9	25 36	3 23	4 13	4 24	14 41			n.a.
T 5	1 59	18 44	2 51	5 1	1 30	19 34	4 41	24 56	1 9	11 31	0 31	23 12	0 7	9 41	0 49	21 0	1 9	25 36	3 24	4 13	4 25	14 44			n.a.
F 6	1 35	13 33	1 49	5 42	1 35	19 51	4 43	24 59	1 10	11 35	0 31	23 12	0 7	9 41	0 49	21 0	1 9	25 36	3 24	4 12	4 26	14 47			n.a.
S 7	1 10	7 55	0 43	6 23	1 41	20 8	4 45	25 1	1 12	11 40	0 31	23 13	0 7	9 42	0 49	20 59	1 9	25 36	3 24	4 12	4 28	14 50			n.a.
S 8	0 45	2 4	0n24	7 3	1 46	20 23	4 46	25 4	1 13	11 44	0 31	23 13	0 7	9 43	0 49	20 59	1 9	25 36	3 24	4 12	4 29	14 53			n.a.
M 9	0 21	3n48	1 30	7 43	1 51	20 38	4 47	25 6	1 15	11 49	0 31	23 14	0 7	9 44	0 49	20 59	1 9	25 37	3 24	4 12	4 30	14 56			n.a.
T 10	0s 4	9 29	2 31	8 22	1 55	20 53	4 48	25 9	1 17	11 54	0 30	23 14	0 7	9 45	0 49	20 58	1 10	25 37	3 24	4 13	4 31	14 59			n.a.
W11	0 29	14 48	3 25	9 0	2 0	21 6	4 49	25 11	1 18	11 58	0 30	23 14	0 7	9 46	0 49	20 58	1 10	25 37	3 25	4 13	4 33	15 2			n.a.
T 12	0 53	19 34	4 10	9 38	2 4	21 19	4 50	25 13	1 20	12 3	0 30	23 15	0 7	9 46	0 49	20 58	1 10	25 37	3 25	4 14	4 34	15 5			n.a.
F 13	1 18	23 35	4 44	10 15	2 8	21 32	4 50	25 15	1 22	12 8	0 30	23 15	0 7	9 47	0 49	20 58	1 10	25 37	3 25	4 15	4 35	15 8			n.a.
S 14	1 43	26 39	5 7	10 51	2 12	21 43	4 50	25 18	1 23	12 12	0 30	23 16	0 7	9 48	0 49	20 57	1 10	25 37	3 25	4 16	4 37	15 11			n.a.
S 15	2 8	28 33	5 16	11 26	2 15	21 54	4 50	25 20	1 25	12 17	0 30	23 16	0 7	9 49	0 49	20 57	1 10	25 37	3 25	4 16	4 38	15 14			n.a.
M16	2 32	29 7	5 11	12 0	2 18	22 4	4 49	25 22	1 27	12 22	0 30	23 17	0 8	9 50	0 49	20 57	1 10	25 37	3 25	4 17	4 39	15 17			n.a.
T 17	2 57	28 12	4 51	12 33	2 20	22 13	4 49	25 24	1 28	12 26	0 29	23 17	0 8	9 50	0 49	20 57	1 10	25 37	3 25	4 17	4 40	15 20			n.a.
W18	3 21	25 46	4 17	13 5	2 22	22 22	4 48	25 26	1 30	12 31	0 29	23 18	0 8	9 51	0 49	20 56	1 10	25 37	3 26	4 17	4 42	15 23			n.a.
T 19	3 46	21 53	3 28	13 36	2 24	22 29	4 46	25 28	1 32	12 36	0 29	23 18	0 8	9 52	0 49	20 56	1 10	25 37	3 26	4 16	4 43	15 26			n.a.
F 20	4 11	16 43	2 25	14 5	2 25	22 36	4 45	25 29	1 34	12 40	0 29	23 19	0 8	9 53	0 49	20 56	1 10	25 37	3 26	4 15	4 44	15 29			n.a.
S 21	4 35	10 29	1 12	14 32	2 25	22 42	4 43	25 31	1 36	12 45	0 29	23 19	0 8	9 53	0 49	20 56	1 10	25 38	3 26	4 15	4 45	15 32			n.a.
S 22	4 59	3 33	0s 8	14 58	2 25	22 47	4 40	25 33	1 37	12 50	0 29	23 20	0 8	9 54	0 49	20 55	1 10	25 38	3 26	4 15	4 47	15 35			n.a.
M23	5 24	3s45	1 29	15 22	2 23	22 51	4 37	25 35	1 39	12 55	0 29	23 21	0 8	9 55	0 49	20 55	1 10	25 38	3 26	4 15	4 48	15 38			n.a.
T 24	5 48	10 55	2 45	15 44	2 22	22 55	4 34	25 37	1 41	12 59	0 28	23 21	0 8	9 55	0 49	20 55	1 10	25 38	3 27	4 16	4 49	15 41			n.a.
W25	6 12	17 29	3 49	16 3	2 19	22 57	4 31	25 39	1 43	13 4	0 28	23 22	0 8	9 56	0 49	20 55	1 10	25 38	3 27	4 17	4 50	15 44			n.a.
T 26	6 36	22 55	4 37	16 20	2 15	22 58	4 27	25 40	1 45	13 9	0 28	23 22	0 8	9 57	0 49	20 55	1 10	25 38	3 27	4 19	4 52	15 47			n.a.
F 27	7 0	26 47	5 5	16 34	2 11	22 59	4 23	25 42	1 47	13 13	0 28	23 23	0 8	9 57	0 49	20 54	1 10	25 38	3 27	4 20	4 53	15 50			n.a.
S 28	7 24	28 48	5 13	16 45	2 5	22 58	4 18	25 44	1 49	13 18	0 28	23 23	0 8	9 58	0 49	20 54	1 10	25 38	3 27	4 22	4 54	15 53			n.a.
S 29	7 47	28 52	5 2	16 53	1 58	22 57	4 13	25 45	1 51	13 23	0 28	23 24	0 8	9 58	0 49	20 54	1 10	25 38	3 27	4 23	4 56	15 56			n.a.
M30	8 11	27 11	4 34	16 57	1 50	22 54	4 7	25 47	1 53	13 28	0 28	23 24	0 9	9 59	0 48	20 54	1 10	25 38	3 27	4 23	4 57	15 59			n.a.
T 31	8s35	24s 2	3s52	16s58	1s40	22s50	4s 1	25n49	1n55	13s32	0n28	23s25	0s 9	10s 0	0s48	20n54	1n11	25n38	3n28	4s23	4s58	16n 2			n.a.

Julian Day Number = 985717.5, Delta T = 13h08m29s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'33, Lahiri = -31°43'32 Julian Calendar 1 Oct. 2015 BCE == Greg. Calendar 14 Sept. 2015 BCE

The year -2014 astronomical counting style corresponds to year 2015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

NOVEMBER 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 32 5	22♎35'27	14♒ 9	11♏10	23♏20	3♋12	6♏46	17♐ 3	6°R38	3♌34	8°R46	19♓10	17♓37	2♉44	n.a.	W 1
T 2	1 36 1	23°36'44	26°38	11°20	23°23	3°27	6°59	17° 8	6♓37	3°34	8♊45	19°12	17°34	2°51	n.a.	T 2
F 3	1 39 58	24°38'02	8♓52	11°R20	23°R24	3°41	7°13	17°13	6°36	3°35	8°44	19°13	17°31	2°57	n.a.	F 3
S 4	1 43 54	25°39'19	20°56	11° 9	23°23	3°54	7°27	17°19	6°34	3°36	8°43	19°R14	17°28	3° 4	n.a.	S 4
S 5	1 47 51	26°40'37	2♈53	10°47	23°19	4° 7	7°41	17°24	6°33	3°36	8°42	19°13	17°24	3°11	n.a.	S 5
M 6	1 51 47	27°41'55	14°46	10°13	23°13	4°20	7°54	17°30	6°31	3°37	8°41	19°10	17°21	3°17	n.a.	M 6
T 7	1 55 44	28°43'13	26°37	9°27	23° 4	4°32	8° 8	17°35	6°30	3°37	8°40	19° 4	17°18	3°24	n.a.	T 7
W 8	1 59 41	29°44'32	8♉27	8°30	22°53	4°43	8°22	17°41	6°29	3°38	8°39	18°58	17°15	3°31	n.a.	W 8
T 9	2 3 37	0♏45'51	20°19	7°25	22°39	4°54	8°36	17°46	6°28	3°38	8°38	18°49	17°12	3°37	n.a.	T 9
F 10	2 7 34	1°47'10	2♊13	6°11	22°22	5° 4	8°50	17°52	6°27	3°39	8°37	18°41	17° 9	3°44	n.a.	F 10
S 11	2 11 30	2°48'29	14°13	4°52	22° 4	5°13	9° 4	17°58	6°26	3°39	8°36	18°32	17° 5	3°51	n.a.	S 11
S 12	2 15 27	3°49'49	26°19	3°30	21°42	5°22	9°18	18° 4	6°25	3°40	8°35	18°25	17° 2	3°58	n.a.	S 12
M13	2 19 23	4°51'09	8♋36	2° 9	21°19	5°31	9°31	18°10	6°24	3°40	8°34	18°20	16°59	4° 4	n.a.	M13
T 14	2 23 20	5°52'29	21° 6	0°50	20°54	5°38	9°45	18°16	6°23	3°40	8°33	18°16	16°56	4°11	n.a.	T 14
W15	2 27 17	6°53'49	3♌53	29♎36	20°26	5°45	9°59	18°22	6°22	3°41	8°32	18°D15	16°53	4°18	n.a.	W15
T 16	2 31 13	7°55'10	17° 1	28°29	19°57	5°52	10°13	18°28	6°21	3°41	8°31	18°15	16°50	4°24	n.a.	T 16
F 17	2 35 10	8°56'30	0♍33	27°31	19°26	5°57	10°27	18°34	6°20	3°41	8°30	18°16	16°46	4°31	n.a.	F 17
S 18	2 39 6	9°57'51	14°32	26°42	18°53	6° 2	10°41	18°40	6°19	3°41	8°29	18°R17	16°43	4°38	n.a.	S 18
S 19	2 43 3	10°59'12	28°58	26° 4	18°19	6° 7	10°55	18°46	6°19	3°41	8°27	18°17	16°40	4°44	n.a.	S 19
M20	2 46 59	12° 0'32	13♎48	25°36	17°44	6°10	11° 9	18°53	6°18	3°41	8°26	18°14	16°37	4°51	n.a.	M20
T 21	2 50 56	13° 1'53	28°56	25°18	17° 9	6°13	11°23	18°59	6°17	3°42	8°25	18° 9	16°34	4°58	n.a.	T 21
W22	2 54 53	14° 3'13	14♏15	25°D 9	16°32	6°15	11°37	19° 5	6°17	3°R42	8°24	18° 2	16°30	5° 4	n.a.	W22
T 23	2 58 49	15° 4'34	29°31	25°10	15°56	6°17	11°51	19°12	6°16	3°42	8°23	17°53	16°27	5°11	n.a.	T 23
F 24	3 2 46	16° 5'53	14♐36	25°20	15°19	6°R17	12° 5	19°18	6°16	3°41	8°21	17°43	16°24	5°18	n.a.	F 24
S 25	3 6 42	17° 7'12	29°18	25°37	14°42	6°17	12°19	19°25	6°16	3°41	8°20	17°34	16°21	5°24	n.a.	S 25
S 26	3 10 39	18° 8'31	13♑32	26° 1	14° 6	6°17	12°33	19°31	6°15	3°41	8°19	17°27	16°18	5°31	n.a.	S 26
M27	3 14 35	19° 9'48	27°16	26°32	13°30	6°15	12°47	19°38	6°15	3°41	8°18	17°23	16°15	5°38	n.a.	M27
T 28	3 18 32	20°11'05	10♒31	27° 9	12°56	6°12	13° 0	19°45	6°15	3°41	8°16	17°20	16°11	5°45	n.a.	T 28
W29	3 22 29	21°12'20	23°19	27°51	12°22	6° 9	13°14	19°51	6°15	3°41	8°15	17°D20	16° 8	5°51	n.a.	W29
T 30	3 26 25	22♏13'35	5♓45	28♎37	11♏50	6♋ 5	13♏28	19♐58	6♓14	3♌41	8♊14	17♓21	16♓ 5	5♉58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8s58	19s47	3s 0	16s54	1s29	22s45	3s54	25n51	1n57	13s37	0n27	23s26	0s 9	10s 0	0s48	20n54	1n11	25n38	3n28	4s22	4s59	16n 5		n.a.
T 2	9 21	14 46	2 0	16 45	1 17	22 39	3 47	25 52	1 59	13 42	0 27	23 26	0 9	10 1	0 48	20 54	1 11	25 38	3 28	4 22	5 1	16 8		n.a.
F 3	9 44	9 16	0 56	16 32	1 3	22 32	3 39	25 54	2 2	13 46	0 27	23 27	0 9	10 1	0 48	20 54	1 11	25 38	3 28	4 21	5 2	16 11		n.a.
S 4	10 7	3 31	0n 9	16 14	0 47	22 24	3 31	25 56	2 4	13 51	0 27	23 27	0 9	10 2	0 48	20 53	1 11	25 38	3 28	4 21	5 3	16 14		n.a.
S 5	10 29	2n18	1 14	15 51	0 30	22 15	3 23	25 58	2 6	13 56	0 27	23 28	0 9	10 2	0 48	20 53	1 11	25 38	3 28	4 21	5 4	16 17		n.a.
M 6	10 52	8 0	2 14	15 22	0 12	22 4	3 13	26 0	2 8	14 0	0 27	23 29	0 9	10 3	0 48	20 53	1 11	25 38	3 28	4 22	5 6	16 20		n.a.
T 7	11 14	13 24	3 9	14 49	0n 7	21 52	3 3	26 1	2 10	14 5	0 27	23 29	0 9	10 3	0 48	20 53	1 11	25 38	3 28	4 25	5 7	16 23		n.a.
W 8	11 36	18 18	3 55	14 12	0 27	21 39	2 53	26 3	2 13	14 10	0 27	23 30	0 9	10 3	0 48	20 53	1 11	25 38	3 29	4 27	5 8	16 26		n.a.
T 9	11 58	22 32	4 31	13 31	0 47	21 25	2 42	26 5	2 15	14 14	0 26	23 30	0 9	10 4	0 48	20 53	1 11	25 38	3 29	4 31	5 9	16 29		n.a.
F 10	12 20	25 51	4 56	12 48	1 8	21 10	2 31	26 7	2 17	14 19	0 26	23 31	0 9	10 4	0 48	20 53	1 11	25 38	3 29	4 34	5 11	16 32		n.a.
S 11	12 42	28 3	5 7	12 2	1 27	20 53	2 19	26 9	2 20	14 24	0 26	23 32	0 9	10 5	0 48	20 53	1 11	25 38	3 29	4 37	5 12	16 34		n.a.
S 12	13 3	28 58	5 5	11 17	1 46	20 35	2 6	26 11	2 22	14 28	0 26	23 32	0 9	10 5	0 48	20 53	1 11	25 37	3 29	4 40	5 13	16 37		n.a.
M13	13 24	28 27	4 49	10 32	2 3	20 17	1 53	26 13	2 24	14 33	0 26	23 33	0 10	10 5	0 48	20 53	1 11	25 37	3 29	4 42	5 14	16 40		n.a.
T 14	13 45	26 30	4 19	9 50	2 19	19 57	1 40	26 15	2 27	14 37	0 26	23 33	0 10	10 6	0 48	20 53	1 11	25 37	3 29	4 44	5 16	16 43		n.a.
W15	14 6	23 10	3 36	9 11	2 32	19 36	1 26	26 17	2 29	14 42	0 26	23 34	0 10	10 6	0 48	20 53	1 11	25 37	3 30	4 44	5 17	16 46		n.a.
T 16	14 26	18 35	2 40	8 37	2 43	19 14	1 12	26 19	2 32	14 47	0 26	23 35	0 10	10 6	0 48	20 53	1 11	25 37	3 30	4 44	5 18	16 49		n.a.
F 17	14 46	12 58	1 34	8 8	2 52	18 52	0 57	26 22	2 34	14 51	0 26	23 35	0 10	10 6	0 48	20 53	1 11	25 37	3 30	4 44	5 20	16 52		n.a.
S 18	15 6	6 31	0 20	7 44	2 59	18 28	0 42	26 24	2 37	14 56	0 25	23 36	0 10	10 7	0 48	20 53	1 11	25 37	3 30	4 43	5 21	16 55		n.a.
S 19	15 26	0s27	0s57	7 26	3 3	18 4	0 27	26 26	2 39	15 0	0 25	23 36	0 10	10 7	0 48	20 53	1 12	25 37	3 30	4 44	5 22	16 58		n.a.
M20	15 45	7 35	2 12	7 13	3 5	17 40	0 12	26 29	2 42	15 5	0 25	23 37	0 10	10 7	0 48	20 53	1 12	25 37	3 30	4 45	5 23	17 0		n.a.
T 21	16 4	14 25	3 20	7 6	3 6	17 15	0n 3	26 31	2 44	15 9	0 25	23 38	0 10	10 7	0 48	20 53	1 12	25 37	3 30	4 47	5 25	17 3		n.a.
W22	16 23	20 28	4 14	7 3	3 5	16 49	0 19	26 33	2 47	15 14	0 25	23 38	0 10	10 7	0 48	20 53	1 12	25 37	3 30	4 50	5 26	17 6		n.a.
T 23	16 41	25 10	4 49	7 6	3 3	16 24	0 34	26 36	2 50	15 18	0 25	23 39	0 10	10 8	0 48	20 53	1 12	25 37	3 30	4 53	5 27	17 9		n.a.
F 24	17 0	28 3	5 4	7 12	3 0	15 58	0 50	26 39	2 52	15 23	0 25	23 40	0 10	10 8	0 48	20 53	1 12	25 37	3 31	4 57	5 28	17 12		n.a.
S 25	17 17	28 54	4 58	7 23	2 56	15 33	1 5	26 41	2 55	15 27	0 25	23 40	0 10	10 8	0 47	20 53	1 12	25 36	3 31	5 0	5 30	17 15		n.a.
S 26	17 35	27 46	4 34	7 36	2 51	15 7	1 20	26 44	2 58	15 32	0 25	23 41	0 10	10 8	0 47	20 53	1 12	25 36	3 31	5 3	5 31	17 18		n.a.
M27	17 52	24 57	3 54	7 53	2 45	14 42	1 35	26 47	3 0	15 36	0 25	23 41	0 11	10 8	0 47	20 53	1 12	25 36	3 31	5 5	5 32	17 21		n.a.
T 28	18 9	20 54	3 3	8 12	2 39	14 18	1 50	26 49	3 3	15 40	0 24	23 42	0 11	10 8	0 47	20 53	1 12	25 36	3 31	5 6	5 33	17 23		n.a.
W29	18 26	15 59	2 5	8 34	2 32	13 54	2 4	26 52	3 6	15 45	0 24	23 43	0 11	10 8	0 47	20 53	1 12	25 36	3 31	5 6	5 35	17 26		n.a.
T 30	18s42	10s32	1s 1	8s58	2n24	13s31	2n18	26n55	3n 8	15s49	0n24	23s43	0s11	10s 8	0s47	20n54	1n12	25n36	3n31	5s 6	5s36	17n29		n.a.

Julian Day Number = 985748.5, Delta T = 13h08m27s
Ecliptic obliquity = 23°55'42, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'29, Lahiri = -31°43'28 Julian Calendar 1 Nov. 2015 BCE == Greg. Calendar 15 Oct. 2015 BCE

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ASTRODIENST EPHEMERIS for the year 2015 BCE
geocentric

DECEMBER 2015 BCE (-2014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 30 22	23♏14'48	17♓55	29♎28	11°R19	6°R 1	13♏42	20♐ 5	6°R14	3°R40	8°R12	17°R21	16♓ 2	6♉ 5	n.a.	F 1
S 2	3 34 18	24°16'01	29°54	0♏23	10♏51	5♋55	13°56	20°12	6°D14	3♌40	8♊11	17♓20	15°59	6°11	n.a.	S 2
S 3	3 38 15	25°17'12	11♈45	1°21	10°24	5°49	14°10	20°18	6♓14	3°40	8°10	17°17	15°55	6°18	n.a.	S 3
M 4	3 42 11	26°18'23	23°34	2°22	9°59	5°41	14°24	20°25	6°14	3°39	8° 8	17°11	15°52	6°25	n.a.	M 4
T 5	3 46 8	27°19'32	5♉23	3°26	9°36	5°34	14°37	20°32	6°15	3°39	8° 7	17° 3	15°49	6°31	n.a.	T 5
W 6	3 50 4	28°20'41	17°15	4°33	9°15	5°25	14°51	20°39	6°15	3°38	8° 6	16°51	15°46	6°38	n.a.	W 6
T 7	3 54 1	29°21'49	29°11	5°41	8°57	5°15	15° 5	20°46	6°15	3°38	8° 4	16°38	15°43	6°45	n.a.	T 7
F 8	3 57 58	0♐22'55	11♊14	6°52	8°42	5° 5	15°19	20°53	6°15	3°37	8° 3	16°24	15°40	6°51	n.a.	F 8
S 9	4 1 54	1°24'01	23°23	8° 5	8°28	4°54	15°32	21° 0	6°16	3°37	8° 2	16°10	15°36	6°58	n.a.	S 9
S 10	4 5 51	2°25'06	5♋40	9°19	8°18	4°42	15°46	21° 7	6°16	3°36	8° 0	15°58	15°33	7° 5	n.a.	S 10
M11	4 9 47	3°26'10	18° 6	10°35	8° 9	4°29	16° 0	21°14	6°17	3°36	7°59	15°48	15°30	7°12	n.a.	M11
T 12	4 13 44	4°27'13	0♌43	11°52	8° 4	4°16	16°13	21°21	6°17	3°35	7°58	15°41	15°27	7°18	n.a.	T 12
W13	4 17 40	5°28'15	13°33	13°11	8° 1	4° 2	16°27	21°28	6°18	3°34	7°56	15°36	15°24	7°25	n.a.	W13
T 14	4 21 37	6°29'16	26°39	14°31	8°D 0	3°47	16°41	21°35	6°18	3°34	7°55	15°35	15°21	7°32	n.a.	T 14
F 15	4 25 34	7°30'16	10♍ 4	15°52	8° 2	3°31	16°54	21°43	6°19	3°33	7°54	15°34	15°17	7°38	n.a.	F 15
S 16	4 29 30	8°31'15	23°50	17°14	8° 6	3°15	17° 8	21°50	6°20	3°32	7°52	15°34	15°14	7°45	n.a.	S 16
S 17	4 33 27	9°32'13	7♎59	18°37	8°12	2°58	17°21	21°57	6°20	3°31	7°51	15°33	15°11	7°52	n.a.	S 17
M18	4 37 23	10°33'10	22°30	20° 2	8°21	2°40	17°35	22° 4	6°21	3°31	7°50	15°29	15° 8	7°58	n.a.	M18
T 19	4 41 20	11°34'06	7♏21	21°27	8°32	2°22	17°48	22°11	6°22	3°30	7°48	15°23	15° 5	8° 5	n.a.	T 19
W20	4 45 16	12°35'01	22°24	22°53	8°46	2° 3	18° 1	22°18	6°23	3°29	7°47	15°14	15° 1	8°12	n.a.	W20
T 21	4 49 13	13°35'55	7♐31	24°20	9° 1	1°43	18°15	22°26	6°24	3°28	7°46	15° 2	14°58	8°19	n.a.	T 21
F 22	4 53 10	14°36'47	22°31	25°48	9°19	1°23	18°28	22°33	6°25	3°27	7°44	14°50	14°55	8°25	n.a.	F 22
S 23	4 57 6	15°37'38	7♑15	27°17	9°38	1° 2	18°41	22°40	6°26	3°26	7°43	14°39	14°52	8°32	n.a.	S 23
S 24	5 1 3	16°38'27	21°35	28°47	9°59	0°41	18°54	22°48	6°27	3°25	7°41	14°29	14°49	8°39	n.a.	S 24
M25	5 4 59	17°39'14	5♒26	0♐17	10°22	0°19	19° 7	22°55	6°28	3°24	7°40	14°22	14°46	8°45	n.a.	M25
T 26	5 8 56	18°40'00	18°48	1°49	10°47	29♊57	19°21	23° 2	6°30	3°23	7°39	14°18	14°42	8°52	n.a.	T 26
W27	5 12 52	19°40'43	1♓42	3°21	11°14	29°35	19°34	23° 9	6°31	3°22	7°37	14°16	14°39	8°59	n.a.	W27
T 28	5 16 49	20°41'25	14°13	4°54	11°42	29°12	19°47	23°17	6°32	3°21	7°36	14°15	14°36	9° 5	n.a.	T 28
F 29	5 20 45	21°42'04	26°25	6°28	12°12	28°49	19°59	23°24	6°34	3°20	7°35	14°15	14°33	9°12	n.a.	F 29
S 30	5 24 42	22°42'42	8♈24	8° 3	12°43	28°26	20°12	23°31	6°35	3°19	7°34	14°14	14°30	9°19	n.a.	S 30
S 31	5 28 39	23♐43'18	20♈16	9♐38	13♏16	28♊ 2	20♏25	23♐39	6♓36	3♌17	7♊32	14♓12	14♓27	9♉26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s58	4s49	0n 3	9s23	2n17	13s 9	2n31	26n58	3n11	15s53	0n24	23s44	0s11	10s 8	0s47	20n54	1n12	25n36	3n31	5s 6	5s37	17n32		n.a.
S 2	19 13	0n58	1 6	9 50	2 9	12 48	2 44	27 1	3 14	15 58	0 24	23 44	0 11	10 8	0 47	20 54	1 12	25 36	3 31	5 6	5 38	17 35		n.a.
S 3	19 28	6 40	2 6	10 18	2 1	12 28	2 56	27 4	3 16	16 2	0 24	23 45	0 11	10 8	0 47	20 54	1 12	25 36	3 31	5 7	5 40	17 38		n.a.
M 4	19 43	12 6	3 0	10 47	1 53	12 9	3 8	27 7	3 19	16 6	0 24	23 45	0 11	10 8	0 47	20 54	1 12	25 35	3 32	5 10	5 41	17 40		n.a.
T 5	19 58	17 7	3 46	11 17	1 44	11 51	3 19	27 10	3 22	16 11	0 24	23 46	0 11	10 8	0 47	20 54	1 12	25 35	3 32	5 13	5 42	17 43		n.a.
W 6	20 12	21 30	4 22	11 48	1 36	11 34	3 29	27 13	3 24	16 15	0 24	23 47	0 11	10 8	0 47	20 54	1 12	25 35	3 32	5 18	5 43	17 46		n.a.
T 7	20 25	25 3	4 47	12 19	1 28	11 19	3 39	27 16	3 27	16 19	0 24	23 47	0 11	10 8	0 47	20 55	1 12	25 35	3 32	5 23	5 45	17 49		n.a.
F 8	20 39	27 31	4 59	12 50	1 19	11 5	3 49	27 19	3 30	16 23	0 24	23 48	0 11	10 7	0 47	20 55	1 12	25 35	3 32	5 28	5 46	17 52		n.a.
S 9	20 52	28 43	4 58	13 22	1 11	10 52	3 57	27 22	3 32	16 27	0 23	23 48	0 11	10 7	0 47	20 55	1 13	25 35	3 32	5 34	5 47	17 54		n.a.
S 10	21 4	28 31	4 43	13 55	1 2	10 41	4 6	27 25	3 35	16 31	0 23	23 49	0 11	10 7	0 47	20 55	1 13	25 35	3 32	5 39	5 48	17 57		n.a.
M11	21 16	26 53	4 15	14 27	0 54	10 31	4 13	27 28	3 37	16 36	0 23	23 49	0 12	10 7	0 47	20 55	1 13	25 34	3 32	5 43	5 50	18 0		n.a.
T 12	21 28	23 52	3 33	14 59	0 46	10 23	4 20	27 31	3 40	16 40	0 23	23 50	0 12	10 7	0 47	20 55	1 13	25 34	3 32	5 46	5 51	18 3		n.a.
W13	21 39	19 39	2 41	15 31	0 37	10 16	4 27	27 34	3 42	16 44	0 23	23 50	0 12	10 6	0 47	20 56	1 13	25 34	3 32	5 47	5 52	18 5		n.a.
T 14	21 50	14 25	1 38	16 3	0 29	10 10	4 32	27 37	3 45	16 48	0 23	23 51	0 12	10 6	0 47	20 56	1 13	25 34	3 32	5 48	5 53	18 8		n.a.
F 15	22 0	8 24	0 29	16 35	0 21	10 6	4 38	27 40	3 47	16 52	0 23	23 52	0 12	10 6	0 47	20 56	1 13	25 34	3 33	5 48	5 55	18 11		n.a.
S 16	22 10	1 50	0s43	17 7	0 13	10 3	4 43	27 43	3 50	16 56	0 23	23 52	0 12	10 5	0 47	20 56	1 13	25 34	3 33	5 48	5 56	18 14		n.a.
S 17	22 20	4s59	1 55	17 38	0 5	10 1	4 47	27 46	3 52	17 0	0 23	23 53	0 12	10 5	0 47	20 57	1 13	25 34	3 33	5 48	5 57	18 17		n.a.
M18	22 29	11 44	3 2	18 9	0s 2	10 0	4 51	27 48	3 54	17 4	0 23	23 53	0 12	10 5	0 46	20 57	1 13	25 33	3 33	5 50	5 58	18 19		n.a.
T 19	22 38	17 58	3 57	18 39	0 10	10 0	4 54	27 51	3 57	17 8	0 23	23 54	0 12	10 4	0 46	20 57	1 13	25 33	3 33	5 52	6 0	18 22		n.a.
W20	22 46	23 11	4 37	19 9	0 17	10 2	4 57	27 53	3 59	17 11	0 22	23 54	0 12	10 4	0 46	20 57	1 13	25 33	3 33	5 56	6 1	18 25		n.a.
T 21	22 54	26 53	4 57	19 38	0 24	10 4	4 59	27 56	4 1	17 15	0 22	23 55	0 12	10 4	0 46	20 58	1 13	25 33	3 33	6 1	6 2	18 28		n.a.
F 22	23 1	28 39	4 57	20 6	0 31	10 8	5 2	27 58	4 3	17 19	0 22	23 55	0 12	10 3	0 46	20 58	1 13	25 33	3 33	6 5	6 3	18 30		n.a.
S 23	23 8	28 20	4 37	20 34	0 38	10 12	5 3	28 0	4 5	17 23	0 22	23 56	0 12	10 3	0 46	20 58	1 13	25 33	3 33	6 10	6 5	18 33		n.a.
S 24	23 14	26 6	4 0	21 1	0 45	10 18	5 5	28 2	4 7	17 27	0 22	23 56	0 13	10 2	0 46	20 58	1 13	25 32	3 33	6 14	6 6	18 36		n.a.
M25	23 20	22 21	3 10	21 27	0 51	10 24	5 5	28 4	4 9	17 30	0 22	23 57	0 13	10 2	0 46	20 59	1 13	25 32	3 33	6 17	6 7	18 38		n.a.
T 26	23 26	17 33	2 10	21 53	0 57	10 31	5 6	28 6	4 10	17 34	0 22	23 57	0 13	10 1	0 46	20 59	1 13	25 32	3 33	6 18	6 8	18 41		n.a.
W27	23 31	12 6	1 6	22 17	1 3	10 39	5 6	28 8	4 12	17 38	0 22	23 58	0 13	10 1	0 46	20 59	1 13	25 32	3 33	6 19	6 10	18 44		n.a.
T 28	23 36	6 20	0 0	22 41	1 9	10 48	5 6	28 9	4 14	17 41	0 22	23 58	0 13	10 0	0 46	21 0	1 13	25 32	3 33	6 19	6 11	18 47		n.a.
F 29	23 40	0 29	1n 4	23 3	1 14	10 58	5 6	28 10	4 15	17 45	0 22	23 58	0 13	10 0	0 46	21 0	1 13	25 32	3 33	6 19	6 12	18 49		n.a.
S 30	23 43	5n17	2 4	23 24	1 20	11 8	5 5	28 11	4 16	17 49	0 22	23 59	0 13	9 59	0 46	21 0	1 13	25 31	3 33	6 19	6 13	18 52		n.a.
S 31	23s46	10n49	2n58	23s44	1s24	11s18	5n 5	28n12	4n18	17s52	0n22	23s59	0s13	9s59	0s46	21n 0	1n14	25n31	3n33	6s21	6s15	18n55		n.a.

Julian Day Number = 985778.5, Delta T = 13h08m25s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'25, Lahiri = -31°43'24 Julian Calendar 1 Dec. 2015 BCE == Greg. Calendar 14 Nov. 2015 BCE

The year -2014 astronomical counting style corresponds to year 2015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

JANUARY 2014 BCE (-2013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 32 35	24♐43'51	2♉ 4	11♐14	13♏51	27°R39	20♏38	23♐46	6♓38	3°R16	7°R31	14°R 6	14♓23	9♉32	n.a.	M 1
T 2	5 36 32	25°44'23	13°54	12°52	14°26	27♊15	20°51	23°53	6°39	3♌15	7♊30	13♓58	14°20	9°39	n.a.	T 2
W 3	5 40 28	26°44'53	25°49	14°30	15° 3	26°51	21° 3	24° 0	6°41	3°14	7°28	13°47	14°17	9°46	n.a.	W 3
T 4	5 44 25	27°45'21	7♊52	16° 9	15°41	26°27	21°16	24° 8	6°43	3°12	7°27	13°34	14°14	9°52	n.a.	T 4
F 5	5 48 21	28°45'47	20° 4	17°49	16°21	26° 3	21°28	24°15	6°44	3°11	7°26	13°21	14°11	9°59	n.a.	F 5
S 6	5 52 18	29°46'11	2♋26	19°30	17° 1	25°40	21°41	24°22	6°46	3°10	7°25	13° 7	14° 7	10° 6	n.a.	S 6
S 7	5 56 14	0♌46'34	14°58	21°11	17°43	25°16	21°53	24°30	6°48	3° 9	7°23	12°55	14° 4	10°12	n.a.	S 7
M 8	6 0 11	1°46'54	27°41	22°54	18°26	24°52	22° 5	24°37	6°50	3° 7	7°22	12°45	14° 1	10°19	n.a.	M 8
T 9	6 4 8	2°47'13	10♎35	24°38	19°10	24°29	22°18	24°44	6°52	3° 6	7°21	12°38	13°58	10°26	n.a.	T 9
W10	6 8 4	3°47'29	23°40	26°23	19°54	24° 6	22°30	24°51	6°54	3° 5	7°20	12°34	13°55	10°33	n.a.	W10
T 11	6 12 1	4°47'45	6♏56	28° 8	20°40	23°43	22°42	24°59	6°56	3° 3	7°19	12°D33	13°52	10°39	n.a.	T 11
F 12	6 15 57	5°47'58	20°26	29°55	21°27	23°21	22°54	25° 6	6°58	3° 2	7°17	12°33	13°48	10°46	n.a.	F 12
S 13	6 19 54	6°48'09	4♐10	1♌43	22°14	22°59	23° 6	25°13	7° 0	3° 0	7°16	12°R33	13°45	10°53	n.a.	S 13
S 14	6 23 50	7°48'19	18°10	3°31	23° 3	22°37	23°18	25°20	7° 2	2°59	7°15	12°33	13°42	10°59	n.a.	S 14
M15	6 27 47	8°48'27	2♑25	5°21	23°52	22°16	23°30	25°27	7° 4	2°57	7°14	12°30	13°39	11° 6	n.a.	M15
T 16	6 31 43	9°48'34	16°54	7°12	24°42	21°55	23°41	25°35	7° 6	2°56	7°13	12°26	13°36	11°13	n.a.	T 16
W17	6 35 40	10°48'39	1♐32	9° 4	25°33	21°35	23°53	25°42	7° 8	2°54	7°12	12°19	13°33	11°19	n.a.	W17
T 18	6 39 37	11°48'42	16°14	10°56	26°24	21°15	24° 5	25°49	7°10	2°53	7°11	12°10	13°29	11°26	n.a.	T 18
F 19	6 43 33	12°48'43	0♌53	12°50	27°16	20°56	24°16	25°56	7°13	2°51	7°10	12° 0	13°26	11°33	n.a.	F 19
S 20	6 47 30	13°48'42	15°20	14°44	28° 9	20°37	24°28	26° 3	7°15	2°50	7° 9	11°51	13°23	11°40	n.a.	S 20
S 21	6 51 26	14°48'38	29°29	16°40	29° 2	20°19	24°39	26°10	7°17	2°48	7° 7	11°43	13°20	11°46	n.a.	S 21
M22	6 55 23	15°48'33	13♒15	18°36	29°56	20° 2	24°50	26°17	7°20	2°47	7° 6	11°37	13°17	11°53	n.a.	M22
T 23	6 59 19	16°48'25	26°36	20°33	0♐50	19°45	25° 1	26°24	7°22	2°45	7° 5	11°33	13°13	12° 0	n.a.	T 23
W24	7 3 16	17°48'15	9♓33	22°30	1°45	19°29	25°12	26°31	7°25	2°44	7° 4	11°D32	13°10	12° 6	n.a.	W24
T 25	7 7 12	18°48'02	22° 8	24°28	2°41	19°14	25°23	26°38	7°27	2°42	7° 3	11°33	13° 7	12°13	n.a.	T 25
F 26	7 11 9	19°47'47	4♈24	26°26	3°37	19° 0	25°34	26°45	7°30	2°40	7° 3	11°34	13° 4	12°20	n.a.	F 26
S 27	7 15 6	20°47'30	16°26	28°24	4°33	18°46	25°45	26°52	7°32	2°39	7° 2	11°R35	13° 1	12°27	n.a.	S 27
S 28	7 19 2	21°47'10	28°20	0♒22	5°30	18°33	25°56	26°59	7°35	2°37	7° 1	11°35	12°58	12°33	n.a.	S 28
M29	7 22 59	22°46'47	10♉11	2°19	6°28	18°21	26° 6	27° 6	7°37	2°36	7° 0	11°33	12°54	12°40	n.a.	M29
T 30	7 26 55	23°46'23	22° 3	4°16	7°26	18°10	26°17	27°13	7°40	2°34	6°59	11°29	12°51	12°47	n.a.	T 30
W31	7 30 52	24♌45'55	4♊ 1	6♒11	8♐24	17♊59	26♏27	27♐19	7♓43	2♌32	6♊58	11♓23	12♓48	12♉53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23 s49	15n56	3n44	24s 3	1s29	11s30	5n 3	28n13	4n19	17s56	0n21	24s 0	0s13	9s58	0s46	21n 1	1n14	25n31	3n34	6s23	6s16	18n57			n.a.
T 2	23 51	20 28	4 21	24 21	1 34	11 42	5 2	28 14	4 20	17 59	0 21	24 0	0 13	9 57	0 46	21 1	1 14	25 31	3 34	6 26	6 17	19 0			n.a.
W 3	23 53	24 13	4 46	24 37	1 38	11 54	5 0	28 14	4 21	18 3	0 21	24 1	0 13	9 57	0 46	21 1	1 14	25 31	3 34	6 30	6 18	19 3			n.a.
T 4	23 54	26 59	4 59	24 52	1 41	12 7	4 59	28 14	4 22	18 6	0 21	24 1	0 13	9 56	0 46	21 2	1 14	25 30	3 34	6 35	6 20	19 5			n.a.
F 5	23 55	28 30	4 58	25 6	1 45	12 20	4 57	28 14	4 23	18 10	0 21	24 1	0 13	9 55	0 46	21 2	1 14	25 30	3 34	6 41	6 21	19 8			n.a.
S 6	23 56	28 38	4 44	25 18	1 48	12 34	4 54	28 14	4 23	18 13	0 21	24 2	0 14	9 55	0 46	21 2	1 14	25 30	3 34	6 46	6 22	19 11			n.a.
S 7	23 55	27 18	4 15	25 28	1 51	12 48	4 52	28 14	4 24	18 16	0 21	24 2	0 14	9 54	0 46	21 3	1 14	25 30	3 34	6 51	6 23	19 13			n.a.
M 8	23 55	24 32	3 34	25 37	1 53	13 2	4 49	28 14	4 24	18 20	0 21	24 3	0 14	9 53	0 46	21 3	1 14	25 30	3 34	6 54	6 25	19 16			n.a.
T 9	23 54	20 31	2 41	25 44	1 55	13 17	4 46	28 13	4 24	18 23	0 21	24 3	0 14	9 52	0 46	21 4	1 14	25 30	3 34	6 57	6 26	19 19			n.a.
W10	23 52	15 27	1 38	25 49	1 57	13 32	4 43	28 12	4 25	18 26	0 21	24 3	0 14	9 52	0 46	21 4	1 14	25 29	3 34	6 59	6 27	19 21			n.a.
T 11	23 50	9 36	0 30	25 53	1 58	13 47	4 40	28 11	4 25	18 29	0 21	24 4	0 14	9 51	0 46	21 4	1 14	25 29	3 34	6 59	6 28	19 24			n.a.
F 12	23 48	3 14	0s42	25 54	1 59	14 2	4 37	28 10	4 25	18 33	0 21	24 4	0 14	9 50	0 45	21 5	1 14	25 29	3 34	6 59	6 30	19 27			n.a.
S 13	23 45	3s24	1 52	25 54	1 59	14 18	4 34	28 9	4 25	18 36	0 20	24 4	0 14	9 49	0 45	21 5	1 14	25 29	3 34	6 59	6 31	19 29			n.a.
S 14	23 42	9 59	2 58	25 52	1 59	14 33	4 30	28 7	4 25	18 39	0 20	24 5	0 14	9 49	0 45	21 5	1 14	25 29	3 34	6 59	6 32	19 32			n.a.
M15	23 38	16 11	3 53	25 47	1 58	14 49	4 26	28 6	4 24	18 42	0 20	24 5	0 14	9 48	0 45	21 6	1 14	25 29	3 34	7 0	6 33	19 35			n.a.
T 16	23 33	21 36	4 34	25 41	1 57	15 5	4 23	28 4	4 24	18 45	0 20	24 5	0 14	9 47	0 45	21 6	1 14	25 28	3 34	7 2	6 35	19 37			n.a.
W17	23 29	25 45	4 58	25 32	1 56	15 21	4 19	28 2	4 24	18 48	0 20	24 6	0 14	9 46	0 45	21 7	1 14	25 28	3 34	7 5	6 36	19 40			n.a.
T 18	23 23	28 13	5 3	25 21	1 54	15 37	4 15	28 0	4 23	18 51	0 20	24 6	0 15	9 45	0 45	21 7	1 14	25 28	3 34	7 8	6 37	19 42			n.a.
F 19	23 18	28 43	4 47	25 8	1 51	15 53	4 11	27 58	4 22	18 54	0 20	24 6	0 15	9 44	0 45	21 7	1 14	25 28	3 34	7 12	6 38	19 45			n.a.
S 20	23 12	27 14	4 14	24 52	1 48	16 9	4 7	27 56	4 22	18 57	0 20	24 7	0 15	9 43	0 45	21 8	1 14	25 28	3 34	7 16	6 40	19 48			n.a.
S 21	23 5	24 1	3 25	24 35	1 44	16 25	4 2	27 54	4 21	19 0	0 20	24 7	0 15	9 42	0 45	21 8	1 14	25 27	3 34	7 19	6 41	19 50			n.a.
M22	22 58	19 30	2 25	24 15	1 39	16 40	3 58	27 52	4 20	19 3	0 20	24 7	0 15	9 41	0 45	21 8	1 14	25 27	3 34	7 21	6 42	19 53			n.a.
T 23	22 51	14 8	1 19	23 52	1 34	16 56	3 54	27 50	4 19	19 5	0 20	24 8	0 15	9 40	0 45	21 9	1 14	25 27	3 34	7 22	6 43	19 55			n.a.
W24	22 43	8 19	0 11	23 27	1 28	17 12	3 49	27 47	4 18	19 8	0 20	24 8	0 15	9 39	0 45	21 9	1 14	25 27	3 34	7 23	6 45	19 58			n.a.
T 25	22 35	2 19	0n57	23 0	1 22	17 27	3 45	27 45	4 17	19 11	0 20	24 8	0 15	9 39	0 45	21 10	1 14	25 27	3 34	7 23	6 46	20 0			n.a.
F 26	22 26	3n36	2 0	22 31	1 15	17 43	3 40	27 42	4 16	19 14	0 20	24 8	0 15	9 38	0 45	21 10	1 14	25 27	3 34	7 22	6 47	20 3			n.a.
S 27	22 17	9 18	2 56	22 0	1 7	17 58	3 35	27 40	4 14	19 16	0 19	24 9	0 15	9 37	0 45	21 10	1 14	25 27	3 34	7 22	6 48	20 6			n.a.
S 28	22 7	14 35	3 45	21 26	0 59	18 13	3 30	27 38	4 13	19 19	0 19	24 9	0 15	9 35	0 45	21 11	1 14	25 26	3 34	7 22	6 50	20 8			n.a.
M29	21 58	19 19	4 23	20 51	0 50	18 27	3 26	27 35	4 12	19 22	0 19	24 9	0 15	9 34	0 45	21 11	1 14	25 26	3 34	7 23	6 51	20 11			n.a.
T 30	21 47	23 19	4 50	20 14	0 40	18 42	3 21	27 33	4 10	19 24	0 19	24 9	0 16	9 33	0 45	21 12	1 14	25 26	3 34	7 24	6 52	20 13			n.a.
W31	21 s37	26n22	5n 5	19 s35	0 s30	18 s56	3n16	27n30	4n 9	19 s27	0n19	24 s10	0 s16	9 s32	0 s45	21n12	1n14	25n26	3n34	7 s26	6 s53	20n16			n.a.

Julian Day Number = 985809.5, Delta T = 13h08m23s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'20, Lahiri = -31°43'20 Julian Calendar 1 Jan. 2014 BCE == Greg. Calendar 15 Dec. 2015 BCE

The year -2013 astronomical counting style corresponds to year 2014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

FEBRUARY 2014 BCE (-2013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 34 48	25♑45'26	16♊ 9	8♒ 5	9♐23	17°R49	26♏37	27♐26	7♓46	2°R31	6°R57	11°R16	12♓45	13♉ 0	n.a.	T 1
F 2	7 38 45	26°44'54	28°29	9°57	10°22	17♊40	26°47	27°33	7°48	2♌29	6♊56	11♓ 7	12°42	13° 7	n.a.	F 2
S 3	7 42 41	27°44'20	11♋ 3	11°47	11°21	17°32	26°57	27°39	7°51	2°27	6°56	10°59	12°39	13°13	n.a.	S 3
S 4	7 46 38	28°43'43	23°51	13°34	12°21	17°25	27° 7	27°46	7°54	2°26	6°55	10°52	12°35	13°20	n.a.	S 4
M 5	7 50 34	29°43'04	6♌53	15°18	13°22	17°18	27°17	27°53	7°57	2°24	6°54	10°46	12°32	13°27	n.a.	M 5
T 6	7 54 31	0♒42'23	20° 9	16°58	14°22	17°12	27°27	27°59	8° 0	2°22	6°53	10°42	12°29	13°34	n.a.	T 6
W 7	7 58 28	1°41'40	3♍37	18°34	15°23	17° 7	27°36	28° 6	8° 3	2°21	6°53	10°41	12°26	13°40	n.a.	W 7
T 8	8 2 24	2°40'54	17°16	20° 6	16°24	17° 3	27°46	28°12	8° 6	2°19	6°52	10°D41	12°23	13°47	n.a.	T 8
F 9	8 6 21	3°40'07	1♎ 4	21°33	17°26	16°59	27°55	28°19	8° 8	2°17	6°51	10°42	12°19	13°54	n.a.	F 9
S 10	8 10 17	4°39'17	15° 0	22°54	18°28	16°56	28° 5	28°25	8°11	2°16	6°51	10°43	12°16	14° 0	n.a.	S 10
S 11	8 14 14	5°38'26	29° 4	24°10	19°30	16°54	28°14	28°31	8°14	2°14	6°50	10°R44	12°13	14° 7	n.a.	S 11
M12	8 18 10	6°37'33	13♏14	25°19	20°32	16°53	28°23	28°38	8°17	2°13	6°50	10°44	12°10	14°14	n.a.	M12
T 13	8 22 7	7°36'38	27°29	26°23	21°35	16°D53	28°32	28°44	8°21	2°11	6°49	10°43	12° 7	14°21	n.a.	T 13
W14	8 26 3	8°35'41	11♐45	27°20	22°38	16°53	28°40	28°50	8°24	2° 9	6°48	10°40	12° 4	14°27	n.a.	W14
T 15	8 30 0	9°34'42	26° 0	28°10	23°41	16°54	28°49	28°56	8°27	2° 8	6°48	10°36	12° 0	14°34	n.a.	T 15
F 16	8 33 56	10°33'42	10♑10	28°54	24°44	16°56	28°57	29° 2	8°30	2° 6	6°47	10°31	11°57	14°41	n.a.	F 16
S 17	8 37 53	11°32'39	24° 9	29°30	25°48	16°58	29° 6	29° 8	8°33	2° 4	6°47	10°27	11°54	14°47	n.a.	S 17
S 18	8 41 50	12°31'34	7♒55	29°59	26°52	17° 1	29°14	29°14	8°36	2° 3	6°46	10°23	11°51	14°54	n.a.	S 18
M19	8 45 46	13°30'27	21°23	0♓22	27°56	17° 5	29°22	29°20	8°39	2° 1	6°46	10°20	11°48	15° 1	n.a.	M19
T 20	8 49 43	14°29'17	4♓33	0°37	29° 0	17°10	29°30	29°26	8°43	1°59	6°46	10°D19	11°45	15° 8	n.a.	T 20
W21	8 53 39	15°28'05	17°23	0°46	0♑ 5	17°15	29°38	29°32	8°46	1°58	6°45	10°19	11°41	15°14	n.a.	W21
T 22	8 57 36	16°26'51	29°55	0°R47	1°10	17°21	29°46	29°38	8°49	1°56	6°45	10°20	11°38	15°21	n.a.	T 22
F 23	9 1 32	17°25'35	12♈11	0°42	2°14	17°27	29°53	29°44	8°52	1°55	6°45	10°22	11°35	15°28	n.a.	F 23
S 24	9 5 29	18°24'16	24°15	0°31	3°20	17°35	0♐ 1	29°49	8°55	1°53	6°44	10°24	11°32	15°34	n.a.	S 24
S 25	9 9 25	19°22'55	6♉11	0°14	4°25	17°42	0° 8	29°55	8°59	1°52	6°44	10°25	11°29	15°41	n.a.	S 25
M26	9 13 22	20°21'31	18° 3	29♒51	5°30	17°51	0°15	0♑ 0	9° 2	1°50	6°44	10°R25	11°25	15°48	n.a.	M26
T 27	9 17 18	21°20'06	29°57	29°23	6°36	18° 0	0°22	0° 6	9° 5	1°48	6°44	10°25	11°22	15°54	n.a.	T 27
W28	9 21 15	22♒18'38	11♊56	28♒51	7♑41	18♊10	0♐29	0♑11	9♓ 9	1♌47	6♊43	10♓24	11♓19	16♉ 1	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s25	28n16	5n 6	18s55	0s19	19s10	3n11	27n28	4n 8	19s29	0n19	24s10	0s16	9s31	0s45	21n12	1n14	25n26	3n34	7s29	6s55	20n18		n.a.
F 2	21 14	28 49	4 54	18 14	0 7	19 23	3 6	27 26	4 6	19 32	0 19	24 10	0 16	9 30	0 45	21 13	1 14	25 26	3 34	7 32	6 56	20 21		n.a.
S 3	21 2	27 53	4 27	17 32	0n 5	19 37	3 1	27 23	4 5	19 34	0 19	24 10	0 16	9 29	0 45	21 13	1 14	25 25	3 34	7 36	6 57	20 23		n.a.
S 4	20 50	25 29	3 46	16 49	0 17	19 50	2 56	27 21	4 3	19 37	0 19	24 11	0 16	9 28	0 45	21 14	1 14	25 25	3 34	7 38	6 58	20 26		n.a.
M 5	20 37	21 42	2 53	16 6	0 30	20 2	2 51	27 19	4 1	19 39	0 19	24 11	0 16	9 27	0 45	21 14	1 15	25 25	3 34	7 41	6 59	20 28		n.a.
T 6	20 25	16 47	1 49	15 23	0 43	20 15	2 46	27 16	4 0	19 41	0 19	24 11	0 16	9 26	0 45	21 14	1 15	25 25	3 34	7 42	7 1	20 31		n.a.
W 7	20 11	10 59	0 38	14 41	0 56	20 27	2 41	27 14	3 58	19 44	0 19	24 11	0 16	9 25	0 45	21 15	1 15	25 25	3 34	7 43	7 2	20 33		n.a.
T 8	19 58	4 35	0s36	13 59	1 9	20 38	2 36	27 12	3 56	19 46	0 19	24 11	0 16	9 24	0 45	21 15	1 15	25 25	3 34	7 43	7 3	20 36		n.a.
F 9	19 44	2s 5	1 49	13 19	1 23	20 49	2 31	27 10	3 55	19 48	0 18	24 12	0 17	9 22	0 45	21 16	1 15	25 25	3 34	7 42	7 4	20 38		n.a.
S 10	19 29	8 43	2 56	12 39	1 36	21 0	2 26	27 8	3 53	19 50	0 18	24 12	0 17	9 21	0 45	21 16	1 15	25 25	3 34	7 42	7 6	20 41		n.a.
S 11	19 15	14 59	3 53	12 2	1 49	21 10	2 20	27 6	3 51	19 52	0 18	24 12	0 17	9 20	0 45	21 16	1 15	25 24	3 34	7 41	7 7	20 43		n.a.
M12	19 0	20 31	4 37	11 26	2 2	21 20	2 15	27 4	3 49	19 55	0 18	24 12	0 17	9 19	0 45	21 17	1 15	25 24	3 34	7 41	7 8	20 46		n.a.
T 13	18 44	24 55	5 3	10 53	2 14	21 29	2 10	27 2	3 47	19 57	0 18	24 12	0 17	9 18	0 45	21 17	1 15	25 24	3 34	7 42	7 9	20 48		n.a.
W14	18 29	27 48	5 12	10 22	2 26	21 38	2 5	27 0	3 46	19 59	0 18	24 12	0 17	9 16	0 45	21 18	1 15	25 24	3 34	7 43	7 11	20 51		n.a.
T 15	18 13	28 52	5 1	9 54	2 38	21 47	2 0	26 59	3 44	20 1	0 18	24 12	0 17	9 15	0 44	21 18	1 15	25 24	3 34	7 45	7 12	20 53		n.a.
F 16	17 57	28 2	4 31	9 28	2 48	21 54	1 55	26 57	3 42	20 3	0 18	24 13	0 17	9 14	0 44	21 18	1 15	25 24	3 34	7 46	7 13	20 56		n.a.
S 17	17 40	25 25	3 46	9 6	2 58	22 2	1 50	26 56	3 40	20 5	0 18	24 13	0 17	9 13	0 44	21 19	1 15	25 24	3 34	7 48	7 14	20 58		n.a.
S 18	17 23	21 22	2 48	8 47	3 7	22 9	1 45	26 54	3 38	20 6	0 18	24 13	0 17	9 12	0 44	21 19	1 15	25 24	3 34	7 50	7 16	21 1		n.a.
M19	17 6	16 16	1 42	8 32	3 15	22 15	1 40	26 53	3 37	20 8	0 18	24 13	0 17	9 10	0 44	21 19	1 15	25 24	3 34	7 51	7 17	21 3		n.a.
T 20	16 49	10 32	0 32	8 20	3 22	22 21	1 35	26 51	3 35	20 10	0 18	24 13	0 18	9 9	0 44	21 20	1 15	25 24	3 34	7 51	7 18	21 5		n.a.
W21	16 31	4 30	0n39	8 12	3 28	22 26	1 30	26 50	3 33	20 12	0 18	24 13	0 18	9 8	0 44	21 20	1 15	25 23	3 34	7 51	7 19	21 8		n.a.
T 22	16 14	1n34	1 46	8 7	3 32	22 31	1 25	26 49	3 31	20 14	0 17	24 13	0 18	9 7	0 44	21 21	1 15	25 23	3 34	7 51	7 20	21 10		n.a.
F 23	15 56	7 27	2 46	8 6	3 35	22 35	1 20	26 48	3 29	20 15	0 17	24 14	0 18	9 5	0 44	21 21	1 15	25 23	3 34	7 50	7 22	21 13		n.a.
S 24	15 37	12 58	3 39	8 8	3 37	22 38	1 15	26 46	3 27	20 17	0 17	24 14	0 18	9 4	0 44	21 21	1 15	25 23	3 34	7 49	7 23	21 15		n.a.
S 25	15 19	17 56	4 21	8 14	3 37	22 41	1 10	26 45	3 26	20 19	0 17	24 14	0 18	9 3	0 44	21 22	1 15	25 23	3 34	7 49	7 24	21 17		n.a.
M26	15 0	22 13	4 52	8 24	3 36	22 44	1 5	26 44	3 24	20 20	0 17	24 14	0 18	9 2	0 44	21 22	1 15	25 23	3 34	7 49	7 25	21 20		n.a.
T 27	14 41	25 35	5 10	8 36	3 33	22 45	1 0	26 43	3 22	20 22	0 17	24 14	0 18	9 0	0 44	21 22	1 15	25 23	3 34	7 49	7 27	21 22		n.a.
W28	14s21	27n53	5n15	8s52	3n28	22s47	0n56	26n43	3n20	20s23	0n17	24s14	0s18	8s59	0s44	21n23	1n15	25n23	3n34	7s49	7s28	21n25		n.a.

Julian Day Number = 985840.5, Delta T = 13h08m20s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'16, Lahiri = -31°43'16 Julian Calendar 1 Feb. 2014 BCE == Greg. Calendar 15 Jan. 2014 BCE

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

MARCH 2014 BCE (-2013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 25 12	23♒17'07	24♊ 6	28°R15	8♉47	18♊20	0♐36	0♉17	9♓12	1°R45	6°R43	10°R22	11♓16	16♉ 8	n.a.	T 1
F 2	9 29 8	24°15'34	6♋30	27♒36	9°53	18°31	0°42	0°22	9°15	1♌44	6♊43	10♓20	11°13	16°15	n.a.	F 2
S 3	9 33 5	25°13'59	19°11	26°54	11° 0	18°42	0°48	0°27	9°19	1°42	6°43	10°18	11°10	16°21	n.a.	S 3
S 4	9 37 1	26°12'22	2♌10	26°12	12° 6	18°54	0°55	0°32	9°22	1°41	6°43	10°16	11° 6	16°28	n.a.	S 4
M 5	9 40 58	27°10'43	15°29	25°28	13°12	19° 7	1° 1	0°37	9°25	1°39	6°43	10°14	11° 3	16°35	n.a.	M 5
T 6	9 44 54	28° 9'01	29° 6	24°45	14°19	19°20	1° 7	0°43	9°29	1°38	6°43	10°13	11° 0	16°41	n.a.	T 6
W 7	9 48 51	29° 7'17	12♍59	24° 3	15°26	19°33	1°12	0°47	9°32	1°37	6°D43	10°D13	10°57	16°48	n.a.	W 7
T 8	9 52 47	0♓ 5'32	27° 4	23°22	16°33	19°47	1°18	0°52	9°36	1°35	6°43	10°14	10°54	16°55	n.a.	T 8
F 9	9 56 44	1° 3'45	11♎19	22°44	17°40	20° 2	1°23	0°57	9°39	1°34	6°43	10°14	10°51	17° 2	n.a.	F 9
S 10	10 0 40	2° 1'55	25°39	22° 8	18°47	20°17	1°29	1° 2	9°42	1°32	6°43	10°15	10°47	17° 8	n.a.	S 10
S 11	10 4 37	3° 0'05	9♏59	21°37	19°54	20°32	1°34	1° 7	9°46	1°31	6°43	10°16	10°44	17°15	n.a.	S 11
M12	10 8 34	3°58'13	24°18	21° 9	21° 2	20°48	1°39	1°11	9°49	1°30	6°43	10°16	10°41	17°22	n.a.	M12
T 13	10 12 30	4°56'19	8♐30	20°45	22° 9	21° 5	1°44	1°16	9°53	1°28	6°43	10°R16	10°38	17°28	n.a.	T 13
W14	10 16 27	5°54'23	22°35	20°26	23°17	21°22	1°48	1°20	9°56	1°27	6°43	10°16	10°35	17°35	n.a.	W14
T 15	10 20 23	6°52'27	6♑30	20°11	24°24	21°39	1°53	1°25	10° 0	1°26	6°44	10°16	10°31	17°42	n.a.	T 15
F 16	10 24 20	7°50'28	20°15	20° 1	25°32	21°57	1°57	1°29	10° 3	1°24	6°44	10°15	10°28	17°49	n.a.	F 16
S 17	10 28 16	8°48'28	3♒47	19°56	26°40	22°15	2° 1	1°33	10° 7	1°23	6°44	10°15	10°25	17°55	n.a.	S 17
S 18	10 32 13	9°46'27	17° 5	19°D56	27°48	22°34	2° 5	1°37	10°10	1°22	6°44	10°15	10°22	18° 2	n.a.	S 18
M19	10 36 9	10°44'23	0♓10	20° 1	28°56	22°53	2° 9	1°41	10°13	1°21	6°45	10°D15	10°19	18° 9	n.a.	M19
T 20	10 40 6	11°42'18	13° 0	20°10	0♒ 5	23°12	2°12	1°45	10°17	1°20	6°45	10°R15	10°16	18°15	n.a.	T 20
W21	10 44 3	12°40'11	25°37	20°25	1°13	23°32	2°16	1°49	10°20	1°18	6°45	10°15	10°12	18°22	n.a.	W21
T 22	10 47 59	13°38'02	8♈ 0	20°43	2°21	23°52	2°19	1°53	10°24	1°17	6°46	10°15	10° 9	18°29	n.a.	T 22
F 23	10 51 56	14°35'52	20°11	21° 7	3°30	24°13	2°22	1°57	10°27	1°16	6°46	10°14	10° 6	18°36	n.a.	F 23
S 24	10 55 52	15°33'40	2♉13	21°34	4°39	24°34	2°25	2° 1	10°31	1°15	6°46	10°14	10° 3	18°42	n.a.	S 24
S 25	10 59 49	16°31'26	14° 8	22° 6	5°47	24°55	2°28	2° 4	10°34	1°14	6°47	10°13	10° 0	18°49	n.a.	S 25
M26	11 3 45	17°29'10	26° 1	22°41	6°56	25°17	2°30	2° 8	10°37	1°13	6°47	10°12	9°56	18°56	n.a.	M26
T 27	11 7 42	18°26'53	7♊54	23°21	8° 5	25°39	2°32	2°11	10°41	1°12	6°48	10°12	9°53	19° 2	n.a.	T 27
W28	11 11 38	19°24'33	19°53	24° 4	9°14	26° 1	2°34	2°14	10°44	1°11	6°48	10°D11	9°50	19° 9	n.a.	W28
T 29	11 15 35	20°22'12	2♋ 2	24°51	10°23	26°24	2°36	2°18	10°48	1°10	6°49	10°12	9°47	19°16	n.a.	T 29
F 30	11 19 31	21°19'49	14°25	25°42	11°32	26°47	2°38	2°21	10°51	1° 9	6°50	10°12	9°44	19°23	n.a.	F 30
S 31	11 23 28	22♓17'25	27♋ 6	26♒35	12♒41	27♊10	2♐40	2♉24	10♓55	1♌ 8	6♊50	10♓13	9♓41	19♉29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s 2	28n53	5n 6	9s10	3n22	22s47	0n51	26n42	3n18	20s25	0n17	24s14	0s19	8s58	0s44	21n23	1n15	25n23	3n34	7s50	7s29	21n27		n.a.	T 1
F 2	13 42	28 29	4 43	9 31	3 14	22 47	0 46	26 41	3 16	20 26	0 17	24 14	0 19	8 56	0 44	21 23	1 15	25 23	3 34	7 51	7 30	21 29		n.a.	F 2
S 3	13 22	26 35	4 6	9 54	3 5	22 46	0 41	26 40	3 15	20 28	0 17	24 14	0 19	8 55	0 44	21 24	1 15	25 23	3 34	7 52	7 32	21 32		n.a.	S 3
S 4	13 2	23 14	3 15	10 19	2 55	22 45	0 37	26 39	3 13	20 29	0 17	24 14	0 19	8 54	0 44	21 24	1 15	25 23	3 34	7 52	7 33	21 34		n.a.	S 4
M 5	12 42	18 38	2 13	10 45	2 43	22 43	0 32	26 39	3 11	20 31	0 17	24 15	0 19	8 53	0 44	21 24	1 15	25 23	3 34	7 53	7 34	21 37		n.a.	M 5
T 6	12 21	12 59	1 1	11 11	2 30	22 41	0 28	26 38	3 9	20 32	0 16	24 15	0 19	8 51	0 44	21 25	1 15	25 23	3 34	7 53	7 35	21 39		n.a.	T 6
W 7	12 1	6 35	0s15	11 39	2 16	22 38	0 23	26 37	3 8	20 33	0 16	24 15	0 19	8 50	0 44	21 25	1 15	25 23	3 34	7 53	7 36	21 41		n.a.	W 7
T 8	11 40	0s13	1 32	12 6	2 1	22 34	0 19	26 37	3 6	20 34	0 16	24 15	0 19	8 49	0 44	21 25	1 15	25 23	3 34	7 53	7 38	21 44		n.a.	T 8
F 9	11 19	7 4	2 44	12 33	1 46	22 30	0 15	26 36	3 4	20 36	0 16	24 15	0 19	8 47	0 44	21 26	1 15	25 23	3 34	7 53	7 39	21 46		n.a.	F 9
S 10	10 58	13 36	3 46	13 0	1 30	22 25	0 10	26 36	3 2	20 37	0 16	24 15	0 19	8 46	0 44	21 26	1 15	25 23	3 34	7 53	7 40	21 48		n.a.	S 10
S 11	10 37	19 25	4 34	13 25	1 14	22 19	0 6	26 35	3 1	20 38	0 16	24 15	0 20	8 45	0 44	21 26	1 15	25 23	3 34	7 52	7 41	21 51		n.a.	S 11
M12	10 15	24 8	5 5	13 49	0 58	22 13	0 2	26 35	2 59	20 39	0 16	24 15	0 20	8 43	0 44	21 27	1 15	25 23	3 34	7 52	7 43	21 53		n.a.	M12
T 13	9 54	27 23	5 17	14 12	0 42	22 6	0s 2	26 34	2 57	20 40	0 16	24 15	0 20	8 42	0 44	21 27	1 15	25 23	3 34	7 52	7 44	21 55		n.a.	T 13
W14	9 32	28 52	5 9	14 34	0 26	21 59	0 6	26 34	2 56	20 41	0 16	24 15	0 20	8 41	0 44	21 27	1 15	25 23	3 34	7 52	7 45	21 57		n.a.	W14
T 15	9 10	28 30	4 44	14 53	0 10	21 51	0 10	26 33	2 54	20 42	0 16	24 15	0 20	8 39	0 44	21 27	1 15	25 23	3 34	7 52	7 46	22 0		n.a.	T 15
F 16	8 48	26 22	4 3	15 11	0s 5	21 42	0 14	26 33	2 52	20 43	0 16	24 15	0 20	8 38	0 44	21 28	1 14	25 23	3 33	7 53	7 48	22 2		n.a.	F 16
S 17	8 26	22 45	3 9	15 27	0 20	21 33	0 18	26 32	2 51	20 44	0 16	24 15	0 20	8 37	0 44	21 28	1 14	25 23	3 33	7 53	7 49	22 4		n.a.	S 17
S 18	8 4	18 1	2 5	15 40	0 34	21 23	0 22	26 32	2 49	20 45	0 15	24 15	0 20	8 35	0 44	21 28	1 14	25 23	3 33	7 53	7 50	22 7		n.a.	S 18
M19	7 41	12 30	0 56	15 52	0 48	21 12	0 25	26 31	2 47	20 46	0 15	24 16	0 20	8 34	0 44	21 29	1 14	25 23	3 33	7 53	7 51	22 9		n.a.	M19
T 20	7 19	6 34	0n15	16 1	1 1	21 1	0 29	26 31	2 46	20 47	0 15	24 16	0 21	8 33	0 44	21 29	1 14	25 23	3 33	7 53	7 52	22 11		n.a.	T 20
W21	6 56	0 30	1 24	16 8	1 13	20 49	0 33	26 30	2 44	20 47	0 15	24 16	0 21	8 31	0 44	21 29	1 14	25 23	3 33	7 53	7 54	22 13		n.a.	W21
T 22	6 34	5n29	2 28	16 13	1 25	20 37	0 36	26 29	2 43	20 48	0 15	24 16	0 21	8 30	0 44	21 29	1 14	25 23	3 33	7 53	7 55	22 16		n.a.	T 22
F 23	6 11	11 11	3 24	16 16	1 36	20 24	0 39	26 29	2 41	20 49	0 15	24 16	0 21	8 29	0 44	21 30	1 14	25 23	3 33	7 53	7 56	22 18		n.a.	F 23
S 24	5 48	16 23	4 10	16 16	1 46	20 11	0 43	26 28	2 40	20 50	0 15	24 16	0 21	8 27	0 44	21 30	1 14	25 23	3 33	7 53	7 57	22 20		n.a.	S 24
S 25	5 25	20 55	4 44	16 15	1 56	19 57	0 46	26 28	2 38	20 50	0 15	24 16	0 21	8 26	0 44	21 30	1 14	25 23	3 33	7 53	7 59	22 22		n.a.	S 25
M26	5 2	24 37	5 7	16 11	2 4	19 43	0 49	26 27	2 36	20 51	0 15	24 16	0 21	8 25	0 44	21 30	1 14	25 23	3 33	7 54	8 0	22 25		n.a.	M26
T 27	4 40	27 16	5 16	16 5	2 12	19 28	0 52	26 26	2 35	20 51	0 15	24 16	0 21	8 23	0 44	21 30	1 14	25 23	3 33	7 54	8 1	22 27		n.a.	T 27
W28	4 16	28 43	5 12	15 57	2 19	19 12	0 55	26 25	2 33	20 52	0 14	24 16	0 22	8 22	0 44	21 31	1 14	25 23	3 33	7 54	8 2	22 29		n.a.	W28
T 29	3 53	28 49	4 54	15 47	2 26	18 56	0 58	26 25	2 32	20 52	0 14	24 16	0 22	8 21	0 44	21 31	1 14	25 23	3 33	7 54	8 3	22 31		n.a.	T 29
F 30	3 30	27 28	4 22	15 35	2 31	18 39	1 1	26 24	2 30	20 53	0 14	24 16	0 22	8 19	0 44	21 31	1 14	25 23	3 33	7 54	8 5	22 34		n.a.	F 30
S 31	3s 7	24n42	3n37	15s21	2s36	18s22	1s 4	26n23	2n29	20s53	0n14	24s16	0s22	8s18	0s44	21n31	1n14	25n24	3n33	7s53	8s 6	22n36		n.a.	S 31

Julian Day Number = 985868.5, Delta T = 13h08m19s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'12, Lahiri = -31°43'12 Julian Calendar 1 March 2014 BCE == Greg. Calendar 12 Feb. 2014 BCE

The year -2013 astronomical counting style corresponds to year 2014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

APRIL 2014 BCE (-2013) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 27 25	23♓14'59	10♌10	27♒32	13♒50	27♊34	2♐41	2♑27	10♓58	1°R 7	6♊51	10♓14	9♓37	19♉36	n.a.	S 1
M 2	11 31 21	24°12'31	23°36	28°32	14°59	27°58	2°42	2°30	11° 1	1♌ 6	6°51	10°15	9°34	19°43	n.a.	M 2
T 3	11 35 18	25°10'01	7♍27	29°35	16° 9	28°22	2°43	2°32	11° 5	1° 6	6°52	10°R16	9°31	19°49	n.a.	T 3
W 4	11 39 14	26° 7'30	21°39	0♓42	17°18	28°46	2°44	2°35	11° 8	1° 5	6°53	10°16	9°28	19°56	n.a.	W 4
T 5	11 43 11	27° 4'58	6♎ 9	1°50	18°28	29°11	2°45	2°38	11°11	1° 4	6°53	10°14	9°25	20° 3	n.a.	T 5
F 6	11 47 7	28° 2'24	20°51	3° 2	19°37	29°36	2°45	2°40	11°15	1° 3	6°54	10°13	9°22	20°10	n.a.	F 6
S 7	11 51 4	28°59'49	5♏37	4°17	20°47	0♋ 2	2°46	2°43	11°18	1° 3	6°55	10°10	9°18	20°16	n.a.	S 7
S 8	11 55 0	29°57'14	20°22	5°34	21°56	0°27	2°R46	2°45	11°21	1° 2	6°56	10° 8	9°15	20°23	n.a.	S 8
M 9	11 58 57	0♈54'37	4♐57	6°54	23° 6	0°53	2°46	2°47	11°25	1° 1	6°57	10° 6	9°12	20°30	n.a.	M 9
T 10	12 2 54	1°52'00	19°19	8°16	24°16	1°19	2°45	2°49	11°28	1° 1	6°57	10° 5	9° 9	20°36	n.a.	T 10
W11	12 6 50	2°49'22	3♑23	9°41	25°26	1°46	2°45	2°51	11°31	1° 0	6°58	10°D 4	9° 6	20°43	n.a.	W11
T 12	12 10 47	3°46'43	17°10	11° 8	26°36	2°12	2°44	2°53	11°34	0°59	6°59	10° 5	9° 2	20°50	n.a.	T 12
F 13	12 14 43	4°44'03	0♒39	12°38	27°46	2°39	2°43	2°55	11°38	0°59	7° 0	10° 6	8°59	20°57	n.a.	F 13
S 14	12 18 40	5°41'22	13°50	14°11	28°56	3° 6	2°42	2°57	11°41	0°58	7° 1	10° 7	8°56	21° 3	n.a.	S 14
S 15	12 22 36	6°38'40	26°47	15°45	0♓ 6	3°34	2°41	2°59	11°44	0°58	7° 2	10° 9	8°53	21°10	n.a.	S 15
M16	12 26 33	7°35'58	9♓30	17°23	1°16	4° 1	2°39	3° 0	11°47	0°57	7° 3	10°R 9	8°50	21°17	n.a.	M16
T 17	12 30 29	8°33'14	22° 1	19° 2	2°26	4°29	2°38	3° 2	11°50	0°57	7° 4	10° 9	8°47	21°23	n.a.	T 17
W18	12 34 26	9°30'30	4♈22	20°44	3°37	4°57	2°36	3° 3	11°54	0°57	7° 5	10° 7	8°43	21°30	n.a.	W18
T 19	12 38 23	10°27'45	16°33	22°29	4°47	5°26	2°34	3° 4	11°57	0°56	7° 6	10° 3	8°40	21°37	n.a.	T 19
F 20	12 42 19	11°24'59	28°37	24°16	5°58	5°54	2°32	3° 6	12° 0	0°56	7° 7	9°58	8°37	21°44	n.a.	F 20
S 21	12 46 16	12°22'12	10♉34	26° 5	7° 8	6°23	2°29	3° 7	12° 3	0°56	7° 8	9°53	8°34	21°50	n.a.	S 21
S 22	12 50 12	13°19'25	22°28	27°57	8°18	6°52	2°27	3° 8	12° 6	0°55	7° 9	9°47	8°31	21°57	n.a.	S 22
M23	12 54 9	14°16'36	4♊19	29°51	9°29	7°21	2°24	3° 9	12° 9	0°55	7°10	9°42	8°28	22° 4	n.a.	M23
T 24	12 58 5	15°13'47	16°12	1♈47	10°40	7°51	2°21	3° 9	12°12	0°55	7°11	9°37	8°24	22°10	n.a.	T 24
W25	13 2 2	16°10'56	28° 9	3°45	11°50	8°20	2°18	3°10	12°15	0°55	7°12	9°34	8°21	22°17	n.a.	W25
T 26	13 5 58	17° 8'05	10♋16	5°45	13° 1	8°50	2°15	3°11	12°18	0°55	7°14	9°32	8°18	22°24	n.a.	T 26
F 27	13 9 55	18° 5'13	22°36	7°48	14°12	9°20	2°11	3°11	12°21	0°55	7°15	9°D32	8°15	22°31	n.a.	F 27
S 28	13 13 52	19° 2'20	5♌14	9°52	15°23	9°50	2° 8	3°12	12°24	0°55	7°16	9°33	8°12	22°37	n.a.	S 28
S 29	13 17 48	19°59'26	18°15	11°58	16°33	10°20	2° 4	3°12	12°27	0°54	7°17	9°35	8° 8	22°44	n.a.	S 29
M30	13 21 45	20♈56'31	1♍41	14♈ 5	17♓44	10♋51	2♐ 0	3♑12	12♓30	0°D54	7♊18	9♓36	8♓ 5	22♉51	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s44	20n36	2n39	15s 5	2s41	18s 4	1s 7	26n22	2n27	20s54	0n14	24s16	0s22	8s17	0s44	21n31	1n14	25n24	3n33	7s53	8s 7	22n38		n.a.
M 2	2 21	15 21	1 31	14 47	2 44	17 46	1 9	26 21	2 26	20 54	0 14	24 16	0 22	8 15	0 44	21 32	1 14	25 24	3 33	7 53	8 8	22 40		n.a.
T 3	1 57	9 11	0 16	14 27	2 47	17 28	1 12	26 20	2 25	20 54	0 14	24 16	0 22	8 14	0 44	21 32	1 14	25 24	3 33	7 52	8 10	22 42		n.a.
W 4	1 34	2 25	1s 2	14 5	2 49	17 8	1 14	26 18	2 23	20 55	0 14	24 17	0 22	8 13	0 44	21 32	1 14	25 24	3 33	7 52	8 11	22 45		n.a.
T 5	1 11	4s36	2 18	13 41	2 50	16 49	1 17	26 17	2 22	20 55	0 14	24 17	0 23	8 12	0 44	21 32	1 14	25 24	3 33	7 53	8 12	22 47		n.a.
F 6	0 48	11 28	3 25	13 15	2 51	16 29	1 19	26 16	2 20	20 55	0 14	24 17	0 23	8 10	0 44	21 32	1 14	25 24	3 33	7 54	8 13	22 49		n.a.
S 7	0 24	17 44	4 19	12 47	2 51	16 8	1 21	26 15	2 19	20 55	0 13	24 17	0 23	8 9	0 44	21 32	1 14	25 24	3 33	7 54	8 14	22 51		n.a.
S 8	0 1	22 57	4 56	12 17	2 50	15 47	1 23	26 13	2 17	20 55	0 13	24 17	0 23	8 8	0 44	21 32	1 14	25 24	3 33	7 55	8 16	22 53		n.a.
M 9	0n22	26 41	5 13	11 46	2 49	15 26	1 25	26 12	2 16	20 55	0 13	24 17	0 23	8 6	0 44	21 33	1 14	25 25	3 33	7 56	8 17	22 55		n.a.
T 10	0 45	28 39	5 11	11 13	2 47	15 4	1 27	26 10	2 15	20 55	0 13	24 17	0 23	8 5	0 44	21 33	1 14	25 25	3 33	7 57	8 18	22 58		n.a.
W11	1 9	28 42	4 49	10 38	2 45	14 42	1 29	26 8	2 13	20 55	0 13	24 17	0 23	8 4	0 44	21 33	1 14	25 25	3 33	7 57	8 19	23 0		n.a.
T 12	1 32	26 57	4 11	10 1	2 41	14 19	1 31	26 7	2 12	20 55	0 13	24 17	0 23	8 3	0 44	21 33	1 14	25 25	3 33	7 57	8 21	23 2		n.a.
F 13	1 55	23 41	3 20	9 22	2 37	13 56	1 32	26 5	2 11	20 55	0 13	24 17	0 24	8 1	0 44	21 33	1 14	25 25	3 33	7 56	8 22	23 4		n.a.
S 14	2 18	19 14	2 19	8 42	2 33	13 33	1 34	26 3	2 9	20 55	0 13	24 17	0 24	8 0	0 44	21 33	1 14	25 25	3 33	7 56	8 23	23 6		n.a.
S 15	2 41	13 58	1 13	8 0	2 28	13 9	1 36	26 1	2 8	20 55	0 12	24 17	0 24	7 59	0 44	21 33	1 14	25 25	3 33	7 55	8 24	23 8		n.a.
M16	3 4	8 13	0 4	7 16	2 22	12 45	1 37	25 59	2 7	20 55	0 12	24 18	0 24	7 58	0 44	21 33	1 14	25 26	3 33	7 55	8 25	23 10		n.a.
T 17	3 28	2 15	1n 5	6 30	2 16	12 20	1 38	25 56	2 5	20 55	0 12	24 18	0 24	7 57	0 44	21 33	1 14	25 26	3 33	7 55	8 27	23 12		n.a.
W18	3 51	3n44	2 9	5 43	2 10	11 56	1 40	25 54	2 4	20 54	0 12	24 18	0 24	7 55	0 44	21 33	1 14	25 26	3 33	7 56	8 28	23 14		n.a.
T 19	4 13	9 29	3 6	4 54	2 2	11 30	1 41	25 51	2 3	20 54	0 12	24 18	0 24	7 54	0 44	21 33	1 14	25 26	3 33	7 57	8 29	23 17		n.a.
F 20	4 36	14 50	3 54	4 4	1 55	11 5	1 42	25 49	2 1	20 54	0 12	24 18	0 24	7 53	0 44	21 33	1 14	25 26	3 33	7 59	8 30	23 19		n.a.
S 21	4 59	19 35	4 31	3 12	1 46	10 39	1 43	25 46	2 0	20 53	0 12	24 18	0 25	7 52	0 44	21 33	1 14	25 26	3 33	8 1	8 31	23 21		n.a.
S 22	5 22	23 32	4 57	2 19	1 38	10 13	1 44	25 43	1 59	20 53	0 12	24 18	0 25	7 51	0 44	21 33	1 14	25 27	3 33	8 3	8 33	23 23		n.a.
M23	5 44	26 30	5 9	1 25	1 29	9 47	1 45	25 41	1 58	20 53	0 12	24 18	0 25	7 49	0 44	21 33	1 14	25 27	3 33	8 5	8 34	23 25		n.a.
T 24	6 7	28 19	5 9	0 29	1 19	9 20	1 45	25 38	1 56	20 52	0 11	24 18	0 25	7 48	0 44	21 34	1 14	25 27	3 33	8 7	8 35	23 27		n.a.
W25	6 29	28 50	4 55	0n28	1 9	8 53	1 46	25 34	1 55	20 52	0 11	24 18	0 25	7 47	0 44	21 34	1 14	25 27	3 33	8 8	8 36	23 29		n.a.
T 26	6 52	27 58	4 27	1 26	0 59	8 26	1 47	25 31	1 54	20 51	0 11	24 19	0 25	7 46	0 44	21 34	1 14	25 27	3 33	8 9	8 38	23 31		n.a.
F 27	7 14	25 43	3 47	2 24	0 49	7 59	1 47	25 28	1 53	20 51	0 11	24 19	0 25	7 45	0 44	21 34	1 14	25 28	3 33	8 9	8 39	23 33		n.a.
S 28	7 36	22 11	2 56	3 24	0 38	7 31	1 47	25 24	1 51	20 50	0 11	24 19	0 25	7 44	0 44	21 34	1 13	25 28	3 33	8 9	8 40	23 35		n.a.
S 29	7 58	17 28	1 53	4 24	0 28	7 4	1 48	25 21	1 50	20 49	0 11	24 19	0 26	7 43	0 44	21 33	1 13	25 28	3 33	8 8	8 41	23 37		n.a.
M30	8n20	11n46	0n43	5n24	0s17	6s36	1s48	25n17	1n49	20s49	0n11	24s19	0s26	7s41	0s44	21n33	1n13	25n28	3n33	8s 8	8s42	23n39		n.a.

Julian Day Number = 985899.5, Delta T = 13h08m16s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'08, Lahiri = -31°43'08 Julian Calendar 1 Apr. 2014 BCE == Greg. Calendar 15 March 2014 BCE

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

MAY 2014 BCE (-2013) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 25 41	21♈53'35	15♍34	16♈14	18♓55	11♋22	1°R56	3°R12	12♓33	0♎55	7♊20	9°R36	8♓ 2	22♉58	n.a.	T 1
W 2	13 29 38	22°50'39	29°54	18°23	20° 6	11°53	1♐52	3♑12	12°35	0°55	7°21	9♓34	7°59	23° 4	n.a.	W 2
T 3	13 33 34	23°47'42	14♎38	20°34	21°17	12°24	1°47	3°12	12°38	0°55	7°22	9°31	7°56	23°11	n.a.	T 3
F 4	13 37 31	24°44'45	29°38	22°45	22°28	12°55	1°43	3°12	12°41	0°55	7°24	9°25	7°53	23°18	n.a.	F 4
S 5	13 41 28	25°41'47	14♏47	24°56	23°39	13°26	1°38	3°12	12°44	0°55	7°25	9°19	7°49	23°24	n.a.	S 5
S 6	13 45 24	26°38'50	29°54	27° 7	24°50	13°58	1°33	3°11	12°46	0°55	7°26	9°12	7°46	23°31	n.a.	S 6
M 7	13 49 21	27°35'52	14♐49	29°18	26° 2	14°30	1°28	3°11	12°49	0°55	7°28	9° 6	7°43	23°38	n.a.	M 7
T 8	13 53 17	28°32'54	29°26	1♑28	27°13	15° 2	1°23	3°10	12°52	0°56	7°29	9° 1	7°40	23°45	n.a.	T 8
W 9	13 57 14	29°29'57	13♑39	3°38	28°24	15°34	1°17	3° 9	12°54	0°56	7°30	8°58	7°37	23°51	n.a.	W 9
T 10	14 1 10	0♑26'59	27°26	5°47	29°36	16° 6	1°12	3° 9	12°57	0°56	7°32	8°D57	7°33	23°58	n.a.	T 10
F 11	14 5 7	1°24'02	10♒50	7°54	0♈47	16°38	1° 6	3° 8	12°59	0°57	7°33	8°57	7°30	24° 5	n.a.	F 11
S 12	14 9 4	2°21'04	23°52	10° 0	1°59	17°11	1° 0	3° 7	13° 2	0°57	7°34	8°58	7°27	24°11	n.a.	S 12
S 13	14 13 0	3°18'07	6♓35	12° 4	3°10	17°43	0°54	3° 6	13° 4	0°57	7°36	8°R59	7°24	24°18	n.a.	S 13
M14	14 16 57	4°15'10	19° 3	14° 7	4°22	18°16	0°48	3° 4	13° 7	0°58	7°37	8°58	7°21	24°25	n.a.	M14
T 15	14 20 53	5°12'13	1♈20	16° 8	5°33	18°49	0°42	3° 3	13° 9	0°58	7°39	8°56	7°18	24°32	n.a.	T 15
W16	14 24 50	6° 9'16	13°28	18° 8	6°45	19°22	0°36	3° 2	13°12	0°59	7°40	8°51	7°14	24°38	n.a.	W16
T 17	14 28 46	7° 6'19	25°29	20° 5	7°56	19°56	0°29	3° 0	13°14	0°59	7°42	8°44	7°11	24°45	n.a.	T 17
F 18	14 32 43	8° 3'23	7♉25	22° 1	9° 8	20°29	0°23	2°59	13°16	1° 0	7°43	8°34	7° 8	24°52	n.a.	F 18
S 19	14 36 39	9° 0'27	19°19	23°54	10°20	21° 3	0°16	2°57	13°19	1° 0	7°45	8°23	7° 5	24°59	n.a.	S 19
S 20	14 40 36	9°57'31	1♊10	25°46	11°32	21°37	0°10	2°55	13°21	1° 1	7°46	8°12	7° 2	25° 5	n.a.	S 20
M21	14 44 33	10°54'35	13° 2	27°35	12°44	22°10	0° 3	2°54	13°23	1° 2	7°48	8° 1	6°59	25°12	n.a.	M21
T 22	14 48 29	11°51'39	24°56	29°23	13°55	22°45	29♏56	2°52	13°25	1° 2	7°49	7°51	6°55	25°19	n.a.	T 22
W23	14 52 26	12°48'43	6♋55	1♊ 8	15° 7	23°19	29°49	2°50	13°27	1° 3	7°51	7°44	6°52	25°25	n.a.	W23
T 24	14 56 22	13°45'47	19° 1	2°52	16°19	23°53	29°42	2°48	13°29	1° 4	7°53	7°38	6°49	25°32	n.a.	T 24
F 25	15 0 19	14°42'52	1♌20	4°33	17°31	24°27	29°35	2°45	13°31	1° 5	7°54	7°36	6°46	25°39	n.a.	F 25
S 26	15 4 15	15°39'56	13°55	6°13	18°43	25° 2	29°27	2°43	13°33	1° 6	7°56	7°D35	6°43	25°46	n.a.	S 26
S 27	15 8 12	16°37'01	26°50	7°50	19°55	25°37	29°20	2°41	13°35	1° 6	7°57	7°35	6°39	25°52	n.a.	S 27
M28	15 12 9	17°34'05	10♍10	9°26	21° 8	26°12	29°13	2°38	13°37	1° 7	7°59	7°R35	6°36	25°59	n.a.	M28
T 29	15 16 5	18°31'10	23°58	10°59	22°20	26°46	29° 5	2°36	13°39	1° 8	8° 1	7°34	6°33	26° 6	n.a.	T 29
W30	15 20 2	19°28'15	8♎15	12°30	23°32	27°22	28°58	2°33	13°41	1° 9	8° 2	7°31	6°30	26°12	n.a.	W30
T 31	15 23 58	20♉25'20	22♎58	13♊59	24♈44	27♋57	28♏50	2♑30	13♓43	1♎10	8♊ 4	7♓26	6♓27	26♉19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	8n42	5n18	0s32	6n25	0s 6	6s 7	1s48	25n13	1n48	20s48	0n10	24s19	0s26	7s40	0s45	21n33	1n13	25n28	3n33	8s 8	8s44	23n41			n.a.
W 2	9 4	1s36	1 48	7 25	0n 4	5 39	1 48	25 9	1 47	20 47	0 10	24 19	0 26	7 39	0 45	21 33	1 13	25 29	3 33	8 8	8 45	23 43			n.a.
T 3	9 25	8 36	2 58	8 25	0 15	5 10	1 48	25 5	1 45	20 46	0 10	24 19	0 26	7 38	0 45	21 33	1 13	25 29	3 33	8 10	8 46	23 45			n.a.
F 4	9 46	15 15	3 57	9 25	0 25	4 42	1 48	25 1	1 44	20 46	0 10	24 20	0 26	7 37	0 45	21 33	1 13	25 29	3 33	8 12	8 47	23 47			n.a.
S 5	10 8	21 3	4 40	10 23	0 35	4 13	1 48	24 57	1 43	20 45	0 10	24 20	0 26	7 36	0 45	21 33	1 13	25 29	3 33	8 14	8 48	23 49			n.a.
S 6	10 29	25 28	5 3	11 21	0 45	3 44	1 48	24 52	1 42	20 44	0 10	24 20	0 27	7 35	0 45	21 33	1 13	25 30	3 33	8 17	8 50	23 51			n.a.
M 7	10 50	28 6	5 6	12 17	0 54	3 15	1 47	24 47	1 41	20 43	0 10	24 20	0 27	7 34	0 45	21 33	1 13	25 30	3 33	8 19	8 51	23 53			n.a.
T 8	11 11	28 44	4 48	13 12	1 3	2 46	1 47	24 43	1 40	20 42	0 9	24 20	0 27	7 33	0 45	21 33	1 13	25 30	3 33	8 21	8 52	23 55			n.a.
W 9	11 31	27 25	4 13	14 6	1 11	2 16	1 46	24 38	1 38	20 41	0 9	24 20	0 27	7 32	0 45	21 33	1 13	25 30	3 33	8 22	8 53	23 57			n.a.
T 10	11 52	24 26	3 24	14 57	1 19	1 47	1 46	24 33	1 37	20 40	0 9	24 20	0 27	7 31	0 45	21 33	1 13	25 31	3 33	8 23	8 54	23 59			n.a.
F 11	12 12	20 12	2 25	15 47	1 26	1 17	1 45	24 27	1 36	20 39	0 9	24 21	0 27	7 30	0 45	21 33	1 13	25 31	3 33	8 23	8 56	24 1			n.a.
S 12	12 32	15 6	1 20	16 35	1 33	0 48	1 45	24 22	1 35	20 38	0 9	24 21	0 27	7 29	0 45	21 33	1 13	25 31	3 33	8 22	8 57	24 3			n.a.
S 13	12 52	9 28	0 13	17 20	1 39	0 18	1 44	24 17	1 34	20 37	0 9	24 21	0 27	7 28	0 45	21 32	1 13	25 31	3 33	8 22	8 58	24 5			n.a.
M14	13 12	3 36	0n54	18 3	1 44	0n12	1 43	24 11	1 33	20 36	0 9	24 21	0 28	7 27	0 45	21 32	1 13	25 32	3 33	8 22	8 59	24 7			n.a.
T 15	13 31	2n19	1 57	18 44	1 49	0 42	1 42	24 5	1 32	20 35	0 8	24 21	0 28	7 26	0 45	21 32	1 13	25 32	3 33	8 23	9 0	24 9			n.a.
W16	13 51	8 4	2 53	19 23	1 53	1 11	1 41	23 59	1 30	20 33	0 8	24 21	0 28	7 25	0 45	21 32	1 13	25 32	3 33	8 25	9 2	24 10			n.a.
T 17	14 10	13 29	3 42	19 59	1 56	1 41	1 40	23 53	1 29	20 32	0 8	24 22	0 28	7 24	0 45	21 32	1 13	25 32	3 33	8 28	9 3	24 12			n.a.
F 18	14 29	18 21	4 20	20 33	1 58	2 11	1 39	23 47	1 28	20 31	0 8	24 22	0 28	7 24	0 45	21 32	1 13	25 33	3 33	8 31	9 4	24 14			n.a.
S 19	14 47	22 30	4 46	21 4	2 0	2 41	1 38	23 41	1 27	20 30	0 8	24 22	0 28	7 23	0 45	21 32	1 13	25 33	3 33	8 35	9 5	24 16			n.a.
S 20	15 6	25 42	5 1	21 33	2 1	3 10	1 37	23 34	1 26	20 28	0 8	24 22	0 28	7 22	0 45	21 31	1 13	25 33	3 33	8 40	9 6	24 18			n.a.
M21	15 24	27 49	5 2	22 0	2 2	3 40	1 35	23 27	1 25	20 27	0 7	24 22	0 29	7 21	0 45	21 31	1 13	25 34	3 33	8 44	9 8	24 20			n.a.
T 22	15 42	28 39	4 50	22 25	2 2	4 10	1 34	23 21	1 24	20 26	0 7	24 22	0 29	7 20	0 45	21 31	1 13	25 34	3 33	8 48	9 9	24 22			n.a.
W23	16 0	28 9	4 25	22 47	2 1	4 39	1 32	23 14	1 23	20 24	0 7	24 23	0 29	7 19	0 45	21 31	1 13	25 34	3 33	8 51	9 10	24 24			n.a.
T 24	16 18	26 18	3 48	23 7	2 0	5 9	1 31	23 7	1 22	20 23	0 7	24 23	0 29	7 19	0 45	21 31	1 13	25 34	3 33	8 53	9 11	24 26			n.a.
F 25	16 35	23 11	3 0	23 25	1 58	5 38	1 29	22 59	1 21	20 22	0 7	24 23	0 29	7 18	0 45	21 30	1 13	25 35	3 33	8 54	9 12	24 27			n.a.
S 26	16 52	18 56	2 2	23 41	1 56	6 8	1 28	22 52	1 20	20 20	0 7	24 23	0 29	7 17	0 45	21 30	1 13	25 35	3 33	8 54	9 14	24 29			n.a.
S 27	17 9	13 42	0 57	23 55	1 53	6 37	1 26	22 44	1 19	20 19	0 7	24 23	0 29	7 16	0 45	21 30	1 13	25 35	3 33	8 54	9 15	24 31			n.a.
M28	17 25	7 42	0s14	24 7	1 49	7 6	1 25	22 37	1 17	20 17	0 6	24 24	0 30	7 16	0 45	21 30	1 13	25 36	3 33	8 54	9 16	24 33			n.a.
T 29	17 41	1 8	1 26	24 17	1 45	7 35	1 23	22 29	1 16	20 16	0 6	24 24	0 30	7 15	0 45	21 30	1 13	25 36	3 33	8 54	9 17	24 35			n.a.
W30	17 57	5s42	2 35	24 25	1 40	8 4	1 21	22 21	1 15	20 14	0 6	24 24	0 30	7 14	0 45	21 29	1 13	25 36	3 33	8 55	9 18	24 37			n.a.
T 31	18n13	12s26	3s36	24n31	1n35	8n33	1s19	22n12	1n14	20s13	0n 6	24s24	0s30	7s14	0s45	21n29	1n13	25n37	3n33	8s57	9s20	24n38			n.a.

Julian Day Number = 985929.5, Delta T = 13h08m14s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'04, Lahiri = -31°43'04 Julian Calendar 1 May 2014 BCE == Greg. Calendar 14 Apr. 2014 BCE

The year -2013 astronomical counting style corresponds to year 2014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

JUNE 2014 BCE (-2013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 27 55	21♉22'26	8♏ 3	15♊27	25♈56	28♋32	28°R42	2°R28	13♓45	1♎11	8♊ 5	7°R18	6♓24	26♉26	n.a.	F 1
S 2	15 31 51	22°19'33	23°21	16°52	27° 9	29° 7	28♏35	2♑25	13°46	1°12	8° 7	7♓ 9	6°20	26°33	n.a.	S 2
S 3	15 35 48	23°16'40	8♐40	18°14	28°21	29°43	28°27	2°22	13°48	1°13	8° 9	6°58	6°17	26°39	n.a.	S 3
M 4	15 39 45	24°13'48	23°50	19°35	29°34	0♎19	28°20	2°19	13°50	1°14	8°10	6°49	6°14	26°46	n.a.	M 4
T 5	15 43 41	25°10'57	8♑40	20°54	0♉46	0°55	28°12	2°16	13°51	1°15	8°12	6°41	6°11	26°53	n.a.	T 5
W 6	15 47 38	26° 8'06	23° 4	22°10	1°59	1°30	28° 4	2°13	13°53	1°17	8°14	6°35	6° 8	27° 0	n.a.	W 6
T 7	15 51 34	27° 5'17	6♒58	23°24	3°11	2° 6	27°56	2° 9	13°54	1°18	8°15	6°32	6° 5	27° 6	n.a.	T 7
F 8	15 55 31	28° 2'29	20°25	24°35	4°24	2°43	27°49	2° 6	13°56	1°19	8°17	6°31	6° 1	27°13	n.a.	F 8
S 9	15 59 27	28°59'42	3♓26	25°44	5°36	3°19	27°41	2° 3	13°57	1°20	8°19	6°31	5°58	27°20	n.a.	S 9
S 10	16 3 24	29°56'56	16° 5	26°51	6°49	3°55	27°33	1°59	13°59	1°21	8°20	6°31	5°55	27°26	n.a.	S 10
M11	16 7 20	0♊54'11	28°26	27°55	8° 2	4°32	27°25	1°56	14° 0	1°23	8°22	6°29	5°52	27°33	n.a.	M11
T 12	16 11 17	1°51'27	10♈35	28°56	9°15	5° 8	27°18	1°52	14° 1	1°24	8°24	6°26	5°49	27°40	n.a.	T 12
W13	16 15 14	2°48'44	22°36	29°54	10°27	5°45	27°10	1°49	14° 2	1°25	8°26	6°19	5°45	27°47	n.a.	W13
T 14	16 19 10	3°46'03	4♉31	0♋49	11°40	6°22	27° 2	1°45	14° 4	1°27	8°27	6°10	5°42	27°53	n.a.	T 14
F 15	16 23 7	4°43'23	16°23	1°42	12°53	6°59	26°55	1°41	14° 5	1°28	8°29	5°59	5°39	28° 0	n.a.	F 15
S 16	16 27 3	5°40'44	28°14	2°30	14° 6	7°36	26°47	1°37	14° 6	1°29	8°31	5°45	5°36	28° 7	n.a.	S 16
S 17	16 31 0	6°38'06	10♊ 7	3°16	15°19	8°13	26°40	1°34	14° 7	1°31	8°32	5°31	5°33	28°13	n.a.	S 17
M18	16 34 56	7°35'29	22° 2	3°58	16°32	8°50	26°32	1°30	14° 8	1°32	8°34	5°17	5°30	28°20	n.a.	M18
T 19	16 38 53	8°32'54	4♋ 0	4°36	17°45	9°28	26°25	1°26	14° 9	1°34	8°36	5° 5	5°26	28°27	n.a.	T 19
W20	16 42 50	9°30'19	16° 5	5°11	18°58	10° 5	26°17	1°22	14°10	1°35	8°37	4°56	5°23	28°34	n.a.	W20
T 21	16 46 46	10°27'46	28°17	5°41	20°11	10°43	26°10	1°18	14°11	1°37	8°39	4°49	5°20	28°40	n.a.	T 21
F 22	16 50 43	11°25'13	10♌39	6° 7	21°25	11°21	26° 3	1°13	14°11	1°38	8°41	4°45	5°17	28°47	n.a.	F 22
S 23	16 54 39	12°22'42	23°15	6°29	22°38	11°58	25°56	1° 9	14°12	1°40	8°43	4°43	5°14	28°54	n.a.	S 23
S 24	16 58 36	13°20'11	6♍ 9	6°45	23°51	12°36	25°48	1° 5	14°13	1°42	8°44	4°43	5°11	29° 1	n.a.	S 24
M25	17 2 32	14°17'42	19°24	6°57	25° 4	13°14	25°41	1° 1	14°13	1°43	8°46	4°43	5° 7	29° 7	n.a.	M25
T 26	17 6 29	15°15'13	3♎ 4	7° 4	26°18	13°52	25°35	0°57	14°14	1°45	8°48	4°42	5° 4	29°14	n.a.	T 26
W27	17 10 25	16°12'46	17°11	7°R 6	27°31	14°31	25°28	0°52	14°15	1°47	8°49	4°39	5° 1	29°21	n.a.	W27
T 28	17 14 22	17°10'20	1♏44	7° 2	28°45	15° 9	25°21	0°48	14°15	1°48	8°51	4°34	4°58	29°27	n.a.	T 28
F 29	17 18 19	18° 7'55	16°39	6°53	29°58	15°47	25°14	0°44	14°16	1°50	8°53	4°26	4°55	29°34	n.a.	F 29
S 30	17 22 15	19♊ 5'31	1♐49	6♋38	1♊12	16♎26	25♏ 8	0♑39	14♓16	1♎52	8♊54	4♓16	4♓51	29♉41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n28	18s37	4s23	24n36	1n29	9n 1	1s17	22n 4	1n13	20s11	0n 6	24s24	0s30	7s13	0s45	21n29	1n13	25n37	3n34	9s 0	9s21	24n40		n.a.
S 2	18 43	23 42	4 52	24 38	1 23	9 30	1 15	21 56	1 12	20 10	0 6	24 24	0 30	7 12	0 45	21 29	1 12	25 37	3 34	9 4	9 22	24 42		n.a.
S 3	18 58	27 9	5 1	24 40	1 16	9 58	1 13	21 47	1 11	20 8	0 5	24 25	0 30	7 12	0 45	21 28	1 12	25 37	3 34	9 8	9 23	24 44		n.a.
M 4	19 13	28 34	4 48	24 40	1 9	10 26	1 11	21 38	1 10	20 6	0 5	24 25	0 30	7 11	0 45	21 28	1 12	25 38	3 34	9 11	9 24	24 46		n.a.
T 5	19 27	27 54	4 16	24 38	1 2	10 54	1 9	21 29	1 9	20 5	0 5	24 25	0 31	7 10	0 45	21 28	1 12	25 38	3 34	9 14	9 26	24 47		n.a.
W 6	19 41	25 20	3 28	24 35	0 53	11 21	1 7	21 20	1 8	20 3	0 5	24 25	0 31	7 10	0 45	21 27	1 12	25 38	3 34	9 17	9 27	24 49		n.a.
T 7	19 54	21 19	2 29	24 30	0 45	11 49	1 5	21 11	1 7	20 2	0 5	24 25	0 31	7 9	0 46	21 27	1 12	25 39	3 34	9 18	9 28	24 51		n.a.
F 8	20 8	16 18	1 24	24 25	0 36	12 16	1 3	21 2	1 6	20 0	0 5	24 26	0 31	7 9	0 46	21 27	1 12	25 39	3 34	9 18	9 29	24 53		n.a.
S 9	20 21	10 42	0 16	24 18	0 27	12 43	1 1	20 52	1 5	19 58	0 4	24 26	0 31	7 8	0 46	21 27	1 12	25 39	3 34	9 18	9 30	24 54		n.a.
S 10	20 33	4 50	0n50	24 10	0 17	13 9	0 58	20 42	1 4	19 57	0 4	24 26	0 31	7 8	0 46	21 26	1 12	25 40	3 34	9 18	9 32	24 56		n.a.
M11	20 45	1n 5	1 53	24 1	0 7	13 35	0 56	20 32	1 3	19 55	0 4	24 26	0 31	7 7	0 46	21 26	1 12	25 40	3 34	9 19	9 33	24 58		n.a.
T 12	20 57	6 52	2 49	23 52	0s 4	14 1	0 54	20 22	1 2	19 54	0 4	24 26	0 31	7 7	0 46	21 26	1 12	25 40	3 34	9 20	9 34	25 0		n.a.
W13	21 9	12 19	3 37	23 41	0 15	14 27	0 51	20 12	1 1	19 52	0 4	24 26	0 32	7 6	0 46	21 25	1 12	25 41	3 34	9 22	9 35	25 1		n.a.
T 14	21 20	17 17	4 16	23 30	0 26	14 52	0 49	20 2	1 0	19 50	0 3	24 27	0 32	7 6	0 46	21 25	1 12	25 41	3 34	9 26	9 36	25 3		n.a.
F 15	21 31	21 34	4 42	23 18	0 37	15 17	0 47	19 51	0 59	19 49	0 3	24 27	0 32	7 5	0 46	21 25	1 12	25 41	3 34	9 30	9 38	25 5		n.a.
S 16	21 41	24 59	4 57	23 5	0 49	15 42	0 44	19 41	0 58	19 47	0 3	24 27	0 32	7 5	0 46	21 24	1 12	25 42	3 34	9 35	9 39	25 6		n.a.
S 17	21 52	27 20	4 58	22 52	1 1	16 6	0 42	19 30	0 57	19 45	0 3	24 27	0 32	7 5	0 46	21 24	1 12	25 42	3 34	9 41	9 40	25 8		n.a.
M18	22 1	28 27	4 47	22 39	1 14	16 30	0 39	19 19	0 56	19 44	0 3	24 27	0 32	7 4	0 46	21 24	1 12	25 43	3 34	9 46	9 41	25 10		n.a.
T 19	22 11	28 14	4 23	22 25	1 26	16 53	0 37	19 8	0 55	19 42	0 3	24 27	0 32	7 4	0 46	21 23	1 12	25 43	3 35	9 50	9 42	25 11		n.a.
W20	22 20	26 41	3 46	22 11	1 39	17 16	0 34	18 57	0 54	19 41	0 2	24 28	0 32	7 4	0 46	21 23	1 12	25 43	3 35	9 54	9 44	25 13		n.a.
T 21	22 28	23 51	3 0	21 57	1 52	17 39	0 32	18 45	0 53	19 39	0 2	24 28	0 33	7 3	0 46	21 22	1 12	25 44	3 35	9 56	9 45	25 15		n.a.
F 22	22 37	19 54	2 3	21 43	2 4	18 1	0 29	18 34	0 52	19 37	0 2	24 28	0 33	7 3	0 46	21 22	1 12	25 44	3 35	9 58	9 46	25 16		n.a.
S 23	22 44	14 59	1 0	21 29	2 17	18 22	0 27	18 22	0 51	19 36	0 2	24 28	0 33	7 3	0 46	21 22	1 12	25 44	3 35	9 59	9 47	25 18		n.a.
S 24	22 52	9 19	0s 8	21 15	2 30	18 44	0 24	18 10	0 50	19 34	0 2	24 28	0 33	7 3	0 46	21 21	1 12	25 45	3 35	9 59	9 48	25 20		n.a.
M25	22 59	3 6	1 17	21 2	2 43	19 4	0 22	17 58	0 49	19 33	0 2	24 28	0 33	7 2	0 46	21 21	1 12	25 45	3 35	9 59	9 49	25 21		n.a.
T 26	23 6	3s26	2 24	20 49	2 56	19 25	0 19	17 46	0 48	19 31	0 1	24 29	0 33	7 2	0 46	21 21	1 12	25 45	3 35	9 59	9 51	25 23		n.a.
W27	23 12	10 1	3 24	20 36	3 8	19 44	0 17	17 34	0 47	19 30	0 1	24 29	0 33	7 2	0 46	21 20	1 12	25 46	3 35	10 0	9 52	25 25		n.a.
T 28	23 18	16 16	4 14	20 25	3 20	20 4	0 14	17 22	0 46	19 28	0 1	24 29	0 33	7 2	0 46	21 20	1 12	25 46	3 35	10 2	9 53	25 26		n.a.
F 29	23 23	21 43	4 47	20 14	3 31	20 22	0 11	17 9	0 46	19 27	0 1	24 29	0 33	7 2	0 46	21 19	1 12	25 46	3 35	10 5	9 54	25 28		n.a.
S 30	23n28	25s51	5s 1	20n 3	3s42	20n40	0s 9	16n56	0n45	19s26	0n 1	24s29	0s34	7s 1	0s46	21n19	1n12	25n47	3n35	10s 8	9s55	25n29		n.a.

Julian Day Number = 985960.5, Delta T = 13h08m12s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°50'00, Lahiri = -31°42'59 Julian Calendar 1 June 2014 BCE == Greg. Calendar 15 May 2014 BCE

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

JULY 2014 BCE (-2013) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 26 12	20♊ 3'09	17♐ 5	6°R17	2♊25	17♌ 4	25°R 2	0°R35	14♓16	1♌53	8♊56	4°R 6	4♓48	29♉48	n.a.	S 1
M 2	17 30 8	21° 0'49	2♑15	5♋52	3°39	17°43	24♏55	0♑30	14°17	1°55	8°58	3♓56	4°45	29°54	n.a.	M 2
T 3	17 34 5	21°58'30	17° 9	5°20	4°52	18°22	24°49	0°26	14°17	1°57	8°59	3°48	4°42	0♊ 1	n.a.	T 3
W 4	17 38 1	22°56'12	1♒39	4°44	6° 6	19° 1	24°43	0°21	14°17	1°59	9° 1	3°42	4°39	0° 8	n.a.	W 4
T 5	17 41 58	23°53'57	15°41	4° 4	7°20	19°40	24°37	0°17	14°17	2° 1	9° 3	3°39	4°36	0°15	n.a.	T 5
F 6	17 45 55	24°51'43	29°13	3°19	8°33	20°19	24°32	0°12	14°17	2° 3	9° 4	3°D38	4°32	0°21	n.a.	F 6
S 7	17 49 51	25°49'31	12♓18	2°30	9°47	20°58	24°26	0° 8	14°17	2° 4	9° 6	3°38	4°29	0°28	n.a.	S 7
S 8	17 53 48	26°47'21	25° 0	1°39	11° 1	21°37	24°21	0° 3	14°R18	2° 6	9° 8	3°R38	4°26	0°35	n.a.	S 8
M 9	17 57 44	27°45'13	7♈22	0°47	12°15	22°17	24°15	29♐59	14°17	2° 8	9° 9	3°38	4°23	0°41	n.a.	M 9
T 10	18 1 41	28°43'07	19°29	29♊53	13°29	22°56	24°10	29°54	14°17	2°10	9°11	3°35	4°20	0°48	n.a.	T 10
W11	18 5 37	29°41'03	1♉27	29° 0	14°43	23°36	24° 5	29°49	14°17	2°12	9°13	3°31	4°17	0°55	n.a.	W11
T 12	18 9 34	0♋39'01	13°20	28° 8	15°57	24°15	24° 0	29°45	14°17	2°14	9°14	3°24	4°13	1° 2	n.a.	T 12
F 13	18 13 30	1°37'01	25°11	27°18	17°11	24°55	23°55	29°40	14°17	2°16	9°16	3°15	4°10	1° 8	n.a.	F 13
S 14	18 17 27	2°35'03	7♊ 3	26°32	18°25	25°35	23°51	29°36	14°17	2°18	9°17	3° 4	4° 7	1°15	n.a.	S 14
S 15	18 21 23	3°33'07	18°59	25°51	19°39	26°15	23°47	29°31	14°16	2°20	9°19	2°53	4° 4	1°22	n.a.	S 15
M16	18 25 20	4°31'13	1♋ 0	25°15	20°53	26°55	23°42	29°27	14°16	2°22	9°21	2°42	4° 1	1°29	n.a.	M16
T 17	18 29 17	5°29'20	13° 8	24°45	22° 7	27°35	23°38	29°22	14°15	2°24	9°22	2°32	3°57	1°35	n.a.	T 17
W18	18 33 13	6°27'30	25°23	24°23	23°22	28°15	23°34	29°18	14°15	2°26	9°24	2°24	3°54	1°42	n.a.	W18
T 19	18 37 10	7°25'41	7♌47	24° 8	24°36	28°55	23°31	29°13	14°14	2°28	9°25	2°19	3°51	1°49	n.a.	T 19
F 20	18 41 6	8°23'54	20°21	24°D 1	25°50	29°36	23°27	29° 9	14°14	2°30	9°27	2°16	3°48	1°55	n.a.	F 20
S 21	18 45 3	9°22'09	3♍ 7	24° 3	27° 4	0♍16	23°24	29° 4	14°13	2°32	9°28	2°D15	3°45	2° 2	n.a.	S 21
S 22	18 48 59	10°20'26	16° 8	24°13	28°19	0°57	23°21	29° 0	14°13	2°34	9°30	2°16	3°42	2° 9	n.a.	S 22
M23	18 52 56	11°18'44	29°25	24°32	29°33	1°37	23°18	28°55	14°12	2°36	9°31	2°17	3°38	2°16	n.a.	M23
T 24	18 56 52	12°17'04	13♎ 2	25° 0	0♋48	2°18	23°15	28°51	14°11	2°39	9°33	2°R17	3°35	2°22	n.a.	T 24
W25	19 0 49	13°15'25	27° 0	25°36	2° 2	2°59	23°12	28°47	14°10	2°41	9°34	2°17	3°32	2°29	n.a.	W25
T 26	19 4 46	14°13'49	11♏18	26°20	3°17	3°40	23°10	28°42	14° 9	2°43	9°36	2°14	3°29	2°36	n.a.	T 26
F 27	19 8 42	15°12'14	25°55	27°12	4°31	4°21	23° 8	28°38	14° 8	2°45	9°37	2° 9	3°26	2°43	n.a.	F 27
S 28	19 12 39	16°10'41	10♐46	28°12	5°46	5° 2	23° 6	28°34	14° 7	2°47	9°39	2° 3	3°23	2°49	n.a.	S 28
S 29	19 16 35	17° 9'10	25°42	29°19	7° 0	5°43	23° 4	28°30	14° 6	2°49	9°40	1°56	3°19	2°56	n.a.	S 29
M30	19 20 32	18° 7'41	10♑37	0♋32	8°15	6°24	23° 2	28°25	14° 5	2°51	9°41	1°50	3°16	3° 3	n.a.	M30
T 31	19 24 28	19♋ 6'14	25♑21	1♋51	9♋30	7♍ 6	23♏ 1	28♐21	14♓ 4	2♌54	9♊43	1♓44	3♓13	3♊ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n33	28s 9	4s53	19n54	3s52	20n58	0s 6	16n44	0n44	19s24	0n 1	24s29	0s34	7s 1	0s46	21n19	1n12	25n47	3n35	10s12	9s57	25n31			n.a.
M 2	23 37	28 20	4 26	19 46	4 2	21 15	0 4	16 31	0 43	19 23	0 0	24 29	0 34	7 1	0 46	21 18	1 12	25 47	3 36	10 16	9 58	25 33			n.a.
T 3	23 41	26 26	3 40	19 40	4 10	21 31	0 1	16 18	0 42	19 21	0 0	24 29	0 34	7 1	0 46	21 18	1 12	25 48	3 36	10 19	9 59	25 34			n.a.
W 4	23 44	22 48	2 41	19 34	4 17	21 47	0n 1	16 4	0 41	19 20	0 0	24 30	0 34	7 1	0 46	21 17	1 12	25 48	3 36	10 21	10 0	25 36			n.a.
T 5	23 47	17 57	1 34	19 30	4 22	22 2	0 4	15 51	0 40	19 19	0s 0	24 30	0 34	7 1	0 47	21 17	1 12	25 49	3 36	10 22	10 1	25 37			n.a.
F 6	23 49	12 21	0 23	19 27	4 26	22 17	0 6	15 37	0 39	19 17	0 0	24 30	0 34	7 1	0 47	21 16	1 12	25 49	3 36	10 23	10 2	25 39			n.a.
S 7	23 52	6 22	0n46	19 26	4 28	22 31	0 9	15 24	0 38	19 16	0 0	24 30	0 34	7 1	0 47	21 16	1 12	25 49	3 36	10 23	10 4	25 40			n.a.
S 8	23 53	0 20	1 51	19 26	4 29	22 44	0 11	15 10	0 37	19 15	0 1	24 30	0 34	7 1	0 47	21 15	1 12	25 50	3 36	10 23	10 5	25 42			n.a.
M 9	23 54	5n34	2 49	19 28	4 28	22 57	0 14	14 56	0 36	19 14	0 1	24 30	0 34	7 1	0 47	21 15	1 12	25 50	3 36	10 23	10 6	25 44			n.a.
T 10	23 55	11 8	3 39	19 31	4 24	23 9	0 16	14 42	0 35	19 13	0 1	24 30	0 35	7 1	0 47	21 15	1 12	25 50	3 36	10 24	10 7	25 45			n.a.
W11	23 56	16 14	4 18	19 36	4 19	23 20	0 19	14 28	0 34	19 12	0 1	24 30	0 35	7 1	0 47	21 14	1 12	25 51	3 36	10 25	10 8	25 47			n.a.
T 12	23 56	20 40	4 45	19 43	4 12	23 31	0 21	14 14	0 33	19 11	0 1	24 30	0 35	7 1	0 47	21 14	1 12	25 51	3 37	10 28	10 10	25 48			n.a.
F 13	23 55	24 18	5 0	19 51	4 3	23 41	0 23	13 59	0 32	19 10	0 1	24 30	0 35	7 2	0 47	21 13	1 12	25 51	3 37	10 31	10 11	25 50			n.a.
S 14	23 54	26 54	5 2	20 0	3 53	23 50	0 26	13 45	0 32	19 9	0 2	24 31	0 35	7 2	0 47	21 13	1 12	25 52	3 37	10 35	10 12	25 51			n.a.
S 15	23 53	28 18	4 51	20 11	3 41	23 59	0 28	13 30	0 31	19 8	0 2	24 31	0 35	7 2	0 47	21 12	1 12	25 52	3 37	10 39	10 13	25 53			n.a.
M16	23 51	28 23	4 28	20 23	3 27	24 7	0 30	13 15	0 30	19 7	0 2	24 31	0 35	7 2	0 47	21 12	1 12	25 52	3 37	10 43	10 14	25 54			n.a.
T 17	23 49	27 6	3 51	20 37	3 12	24 14	0 33	13 1	0 29	19 6	0 2	24 31	0 35	7 2	0 47	21 11	1 12	25 53	3 37	10 47	10 15	25 56			n.a.
W18	23 46	24 30	3 4	20 52	2 57	24 20	0 35	12 45	0 28	19 5	0 2	24 31	0 35	7 2	0 47	21 11	1 12	25 53	3 37	10 50	10 17	25 57			n.a.
T 19	23 43	20 45	2 7	21 8	2 40	24 26	0 37	12 30	0 27	19 4	0 2	24 31	0 35	7 3	0 47	21 10	1 12	25 54	3 37	10 52	10 18	25 58			n.a.
F 20	23 39	16 0	1 3	21 24	2 23	24 31	0 39	12 15	0 26	19 3	0 3	24 31	0 35	7 3	0 47	21 10	1 12	25 54	3 37	10 53	10 19	26 0			n.a.
S 21	23 35	10 30	0s 5	21 42	2 6	24 35	0 41	12 0	0 25	19 3	0 3	24 31	0 36	7 3	0 47	21 9	1 12	25 54	3 38	10 53	10 20	26 1			n.a.
S 22	23 31	4 27	1 14	22 0	1 48	24 38	0 43	11 44	0 24	19 2	0 3	24 31	0 36	7 4	0 47	21 9	1 12	25 55	3 38	10 53	10 21	26 3			n.a.
M23	23 26	1s55	2 21	22 18	1 30	24 41	0 45	11 29	0 23	19 1	0 3	24 31	0 36	7 4	0 47	21 8	1 12	25 55	3 38	10 52	10 22	26 4			n.a.
T 24	23 21	8 20	3 21	22 37	1 13	24 43	0 47	11 13	0 23	19 1	0 3	24 31	0 36	7 4	0 47	21 8	1 12	25 55	3 38	10 52	10 24	26 6			n.a.
W25	23 15	14 30	4 12	22 55	0 56	24 44	0 49	10 57	0 22	19 0	0 3	24 31	0 36	7 5	0 47	21 7	1 12	25 56	3 38	10 53	10 25	26 7			n.a.
T 26	23 9	20 4	4 48	23 13	0 39	24 44	0 51	10 41	0 21	19 0	0 3	24 31	0 36	7 5	0 47	21 7	1 12	25 56	3 38	10 54	10 26	26 8			n.a.
F 27	23 2	24 34	5 6	23 30	0 23	24 44	0 53	10 25	0 20	18 59	0 4	24 31	0 36	7 5	0 47	21 6	1 12	25 56	3 38	10 55	10 27	26 10			n.a.
S 28	22 55	27 32	5 4	23 47	0 8	24 43	0 55	10 9	0 19	18 59	0 4	24 31	0 36	7 6	0 47	21 6	1 12	25 57	3 38	10 58	10 28	26 11			n.a.
S 29	22 48	28 33	4 42	24 2	0n 6	24 41	0 57	9 53	0 18	18 59	0 4	24 31	0 36	7 6	0 47	21 5	1 12	25 57	3 38	11 0	10 30	26 13			n.a.
M30	22 40	27 29	4 1	24 16	0 20	24 38	0 59	9 37	0 17	18 58	0 4	24 31	0 36	7 7	0 47	21 5	1 12	25 57	3 39	11 2	10 31	26 14			n.a.
T 31	22n32	24s30	3s 4	24n27	0n33	24n35	1n 0	9n20	0n16	18s58	0s 4	24s31	0s36	7s 7	0s47	21n 4	1n12	25n58	3n39	11s 4	10s32	26n15			n.a.

Julian Day Number = 985990.5, Delta T = 13h08m10s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'56, Lahiri = -31°42'55 Julian Calendar 1 July 2014 BCE == Greg. Calendar 14 June 2014 BCE

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

AUGUST 2014 BCE (-2013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 28 25	20♋ 4'49	9♒45	3♋16	10♋44	7♍47	22°R59	28°R17	14°R 3	2♌56	9♊44	1°R40	3♓10	3♊16	n.a.	W 1
T 2	19 32 21	21° 3'26	23°47	4°45	11°59	8°28	22♏58	28♐13	14♓ 2	2°58	9°46	1♓38	3° 7	3°23	n.a.	T 2
F 3	19 36 18	22° 2'06	7♓22	6°19	13°14	9°10	22°58	28° 9	14° 1	3° 0	9°47	1°D38	3° 3	3°30	n.a.	F 3
S 4	19 40 15	23° 0'48	20°31	7°56	14°28	9°52	22°57	28° 5	14° 0	3° 2	9°48	1°39	3° 0	3°36	n.a.	S 4
S 5	19 44 11	23°59'32	3♈16	9°37	15°43	10°33	22°56	28° 1	13°58	3° 5	9°50	1°41	2°57	3°43	n.a.	S 5
M 6	19 48 8	24°58'18	15°42	11°20	16°58	11°15	22°56	27°58	13°57	3° 7	9°51	1°42	2°54	3°50	n.a.	M 6
T 7	19 52 4	25°57'07	27°52	13° 5	18°13	11°57	22°D56	27°54	13°55	3° 9	9°52	1°R43	2°51	3°57	n.a.	T 7
W 8	19 56 1	26°55'59	9♉51	14°52	19°28	12°39	22°56	27°50	13°54	3°11	9°53	1°42	2°48	4° 3	n.a.	W 8
T 9	19 59 57	27°54'53	21°44	16°40	20°43	13°21	22°56	27°46	13°53	3°13	9°55	1°39	2°44	4°10	n.a.	T 9
F 10	20 3 54	28°53'49	3♊36	18°29	21°58	14° 3	22°57	27°43	13°51	3°16	9°56	1°35	2°41	4°17	n.a.	F 10
S 11	20 7 50	29°52'48	15°31	20°19	23°13	14°45	22°57	27°39	13°49	3°18	9°57	1°30	2°38	4°23	n.a.	S 11
S 12	20 11 47	0♌51'49	27°31	22° 9	24°28	15°28	22°58	27°36	13°48	3°20	9°58	1°25	2°35	4°30	n.a.	S 12
M13	20 15 43	1°50'53	9♋39	24° 0	25°43	16°10	22°59	27°33	13°46	3°22	9°59	1°19	2°32	4°37	n.a.	M13
T 14	20 19 40	2°49'59	21°57	25°50	26°58	16°52	23° 1	27°29	13°45	3°25	10° 1	1°15	2°29	4°44	n.a.	T 14
W15	20 23 37	3°49'07	4♌26	27°40	28°13	17°35	23° 2	27°26	13°43	3°27	10° 2	1°11	2°25	4°50	n.a.	W15
T 16	20 27 33	4°48'18	17° 7	29°30	29°28	18°18	23° 4	27°23	13°41	3°29	10° 3	1° 9	2°22	4°57	n.a.	T 16
F 17	20 31 30	5°47'30	0♍ 1	1♌19	0♌43	19° 0	23° 6	27°20	13°39	3°31	10° 4	1°D 8	2°19	5° 4	n.a.	F 17
S 18	20 35 26	6°46'45	13° 6	3° 8	1°58	19°43	23° 8	27°17	13°38	3°34	10° 5	1° 9	2°16	5°10	n.a.	S 18
S 19	20 39 23	7°46'01	26°25	4°56	3°13	20°26	23°10	27°14	13°36	3°36	10° 6	1°10	2°13	5°17	n.a.	S 19
M20	20 43 19	8°45'20	9♎56	6°43	4°29	21° 9	23°12	27°11	13°34	3°38	10° 7	1°12	2° 9	5°24	n.a.	M20
T 21	20 47 16	9°44'40	23°40	8°30	5°44	21°52	23°15	27° 8	13°32	3°40	10° 8	1°13	2° 6	5°31	n.a.	T 21
W22	20 51 12	10°44'03	7♏38	10°16	6°59	22°35	23°18	27° 6	13°30	3°43	10° 9	1°R13	2° 3	5°37	n.a.	W22
T 23	20 55 9	11°43'27	21°47	12° 1	8°14	23°18	23°21	27° 3	13°28	3°45	10°10	1°13	2° 0	5°44	n.a.	T 23
F 24	20 59 5	12°42'54	6♐ 7	13°45	9°29	24° 1	23°24	27° 1	13°26	3°47	10°11	1°12	1°57	5°51	n.a.	F 24
S 25	21 3 2	13°42'22	20°33	15°29	10°45	24°44	23°27	26°58	13°24	3°49	10°12	1°10	1°54	5°58	n.a.	S 25
S 26	21 6 59	14°41'52	5♑ 3	17°12	12° 0	25°28	23°31	26°56	13°22	3°51	10°13	1° 8	1°50	6° 4	n.a.	S 26
M27	21 10 55	15°41'25	19°31	18°54	13°15	26°11	23°34	26°54	13°20	3°54	10°13	1° 6	1°47	6°11	n.a.	M27
T 28	21 14 52	16°40'59	3♒50	20°36	14°31	26°55	23°38	26°52	13°18	3°56	10°14	1° 4	1°44	6°18	n.a.	T 28
W29	21 18 48	17°40'36	17°56	22°16	15°46	27°38	23°42	26°49	13°15	3°58	10°15	1° 3	1°41	6°24	n.a.	W29
T 30	21 22 45	18°40'14	1♓45	23°56	17° 1	28°22	23°47	26°48	13°13	4° 0	10°16	1°D 3	1°38	6°31	n.a.	T 30
F 31	21 26 41	19♌39'55	15♓14	25♌35	18♌17	29♍ 6	23♏51	26♐46	13♓11	4♌ 2	10♊17	1♓ 3	1♓35	6♊38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n23	20s 1	1s56	24n38	0n44	24n31	1n 2	9n 4	0n16	18s58	0s 4	24s31	0s36	7s 8	0s47	21n 4	1n12	25n58	3n39	11s 6	10s33	26n17		n.a.
T 2	22 14	14 32	0 43	24 45	0 55	24 26	1 3	8 47	0 15	18 58	0 4	24 31	0 36	7 8	0 47	21 3	1 12	25 58	3 39	11 6	10 34	26 18		n.a.
F 3	22 5	8 30	0n31	24 51	1 5	24 20	1 5	8 30	0 14	18 58	0 5	24 31	0 37	7 9	0 48	21 3	1 12	25 59	3 39	11 7	10 35	26 19		n.a.
S 4	21 55	2 18	1 41	24 54	1 14	24 13	1 6	8 14	0 13	18 58	0 5	24 31	0 37	7 9	0 48	21 2	1 12	25 59	3 39	11 6	10 37	26 21		n.a.
S 5	21 45	3n49	2 43	24 55	1 21	24 6	1 8	7 57	0 12	18 58	0 5	24 31	0 37	7 10	0 48	21 2	1 12	25 59	3 39	11 6	10 38	26 22		n.a.
M 6	21 34	9 37	3 37	24 54	1 28	23 58	1 9	7 40	0 11	18 58	0 5	24 31	0 37	7 10	0 48	21 1	1 12	26 0	3 40	11 5	10 39	26 24		n.a.
T 7	21 23	14 56	4 19	24 50	1 34	23 50	1 11	7 23	0 10	18 58	0 5	24 31	0 37	7 11	0 48	21 1	1 12	26 0	3 40	11 5	10 40	26 25		n.a.
W 8	21 12	19 37	4 49	24 43	1 39	23 40	1 12	7 6	0 10	18 58	0 5	24 31	0 37	7 11	0 48	21 0	1 12	26 0	3 40	11 5	10 41	26 26		n.a.
T 9	21 0	23 30	5 7	24 34	1 43	23 30	1 13	6 48	0 9	18 58	0 5	24 31	0 37	7 12	0 48	21 0	1 12	26 1	3 40	11 6	10 42	26 27		n.a.
F 10	20 48	26 23	5 11	24 22	1 46	23 19	1 14	6 31	0 8	18 59	0 6	24 31	0 37	7 13	0 48	20 59	1 12	26 1	3 40	11 8	10 44	26 29		n.a.
S 11	20 35	28 8	5 2	24 8	1 48	23 7	1 15	6 14	0 7	18 59	0 6	24 31	0 37	7 13	0 48	20 59	1 12	26 1	3 40	11 9	10 45	26 30		n.a.
S 12	20 22	28 34	4 40	23 52	1 50	22 55	1 16	5 56	0 6	18 59	0 6	24 31	0 37	7 14	0 48	20 58	1 12	26 2	3 40	11 11	10 46	26 31		n.a.
M13	20 9	27 38	4 5	23 34	1 51	22 42	1 17	5 39	0 5	19 0	0 6	24 31	0 37	7 14	0 48	20 58	1 12	26 2	3 41	11 13	10 47	26 33		n.a.
T 14	19 55	25 21	3 18	23 14	1 51	22 28	1 18	5 21	0 5	19 0	0 6	24 31	0 37	7 15	0 48	20 57	1 12	26 2	3 41	11 15	10 48	26 34		n.a.
W15	19 41	21 49	2 21	22 52	1 51	22 14	1 19	5 4	0 4	19 1	0 6	24 31	0 37	7 16	0 48	20 56	1 12	26 3	3 41	11 16	10 49	26 35		n.a.
T 16	19 27	17 14	1 16	22 28	1 50	21 59	1 20	4 46	0 3	19 1	0 6	24 31	0 37	7 17	0 48	20 56	1 12	26 3	3 41	11 17	10 51	26 36		n.a.
F 17	19 12	11 48	0 6	22 2	1 48	21 43	1 21	4 28	0 2	19 2	0 6	24 31	0 37	7 17	0 48	20 55	1 12	26 3	3 41	11 17	10 52	26 38		n.a.
S 18	18 57	5 46	1s 5	21 35	1 46	21 27	1 21	4 10	0 1	19 2	0 7	24 31	0 37	7 18	0 48	20 55	1 12	26 4	3 41	11 17	10 53	26 39		n.a.
S 19	18 42	0s36	2 15	21 6	1 44	21 10	1 22	3 52	0 0	19 3	0 7	24 31	0 37	7 19	0 48	20 54	1 12	26 4	3 41	11 17	10 54	26 40		n.a.
M20	18 26	7 1	3 17	20 36	1 41	20 52	1 22	3 34	0s 0	19 4	0 7	24 31	0 38	7 20	0 48	20 54	1 12	26 4	3 42	11 16	10 55	26 41		n.a.
T 21	18 10	13 14	4 10	20 4	1 38	20 34	1 23	3 16	0 1	19 5	0 7	24 31	0 38	7 20	0 48	20 53	1 12	26 5	3 42	11 16	10 56	26 43		n.a.
W22	17 54	18 52	4 49	19 32	1 34	20 15	1 23	2 58	0 2	19 5	0 7	24 31	0 38	7 21	0 48	20 53	1 12	26 5	3 42	11 16	10 57	26 44		n.a.
T 23	17 37	23 34	5 11	18 58	1 30	19 55	1 24	2 40	0 3	19 6	0 7	24 31	0 38	7 22	0 48	20 52	1 12	26 5	3 42	11 16	10 59	26 45		n.a.
F 24	17 20	26 55	5 14	18 24	1 26	19 35	1 24	2 22	0 4	19 7	0 7	24 31	0 38	7 23	0 48	20 52	1 12	26 6	3 42	11 16	11 0	26 46		n.a.
S 25	17 3	28 32	4 57	17 48	1 21	19 15	1 24	2 4	0 4	19 8	0 7	24 31	0 38	7 24	0 48	20 51	1 12	26 6	3 42	11 17	11 1	26 47		n.a.
S 26	16 45	28 11	4 22	17 12	1 16	18 53	1 24	1 45	0 5	19 9	0 8	24 31	0 38	7 24	0 48	20 51	1 12	26 6	3 43	11 17	11 2	26 48		n.a.
M27	16 27	25 56	3 30	16 35	1 11	18 32	1 24	1 27	0 6	19 10	0 8	24 31	0 38	7 25	0 48	20 50	1 12	26 6	3 43	11 18	11 3	26 50		n.a.
T 28	16 9	22 2	2 25	15 57	1 6	18 9	1 24	1 9	0 7	19 11	0 8	24 31	0 38	7 26	0 48	20 50	1 12	26 7	3 43	11 19	11 4	26 51		n.a.
W29	15 51	16 54	1 12	15 19	1 0	17 47	1 24	0 51	0 8	19 13	0 8	24 31	0 38	7 27	0 48	20 49	1 12	26 7	3 43	11 19	11 6	26 52		n.a.
T 30	15 32	11 0	0n 4	14 40	0 54	17 23	1 24	0 32	0 8	19 14	0 8	24 31	0 38	7 28	0 48	20 49	1 12	26 7	3 43	11 19	11 7	26 53		n.a.
F 31	15n13	4s45	1n18	14n 1	0n49	16n59	1n24	0n14	0s 9	19s15	0s 8	24s31	0s38	7s29	0s48	20n48	1n12	26n 8	3n43	11s19	11s 8	26n54		n.a.

Julian Day Number = 986021.5, Delta T = 13h08m08s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'52, Lahiri = -31°42'51 Julian Calendar 1 Aug. 2014 BCE == Greg. Calendar 15 July 2014 BCE

The year -2013 astronomical counting style corresponds to year 2014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

SEPTEMBER 2014 BCE (-2013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 30 38	20♌39'38	28♓21	27♌14	19♌32	29♍49	23♏56	26°R44	13°R 9	4♌ 5	10♊17	1♓ 4	1♓31	6♊45	n.a.	S 1
S 2	21 34 34	21°39'23	11♈ 7	28°52	20°47	0♎33	24° 0	26♐42	13♓ 7	4° 7	10°18	1° 5	1°28	6°51	n.a.	S 2
M 3	21 38 31	22°39'11	23°35	0♍29	22° 3	1°17	24° 5	26°41	13° 4	4° 9	10°19	1° 6	1°25	6°58	n.a.	M 3
T 4	21 42 27	23°39'01	5♉48	2° 5	23°18	2° 1	24°11	26°39	13° 2	4°11	10°19	1° 7	1°22	7° 5	n.a.	T 4
W 5	21 46 24	24°38'54	17°49	3°41	24°34	2°45	24°16	26°38	13° 0	4°13	10°20	1° 7	1°19	7°12	n.a.	W 5
T 6	21 50 21	25°38'49	29°44	5°17	25°49	3°29	24°21	26°37	12°57	4°15	10°21	1°R 7	1°15	7°18	n.a.	T 6
F 7	21 54 17	26°38'46	11♊36	6°51	27° 4	4°13	24°27	26°35	12°55	4°17	10°21	1° 7	1°12	7°25	n.a.	F 7
S 8	21 58 14	27°38'46	23°31	8°25	28°20	4°58	24°33	26°34	12°53	4°19	10°22	1° 6	1° 9	7°32	n.a.	S 8
S 9	22 2 10	28°38'48	5♋33	9°59	29°35	5°42	24°39	26°33	12°50	4°22	10°22	1° 6	1° 6	7°38	n.a.	S 9
M10	22 6 7	29°38'53	17°46	11°32	0♍51	6°26	24°45	26°33	12°48	4°24	10°23	1° 6	1° 3	7°45	n.a.	M10
T 11	22 10 3	0♍39'00	0♌12	13° 4	2° 6	7°11	24°51	26°32	12°46	4°26	10°23	1°D 6	1° 0	7°52	n.a.	T 11
W12	22 14 0	1°39'08	12°55	14°36	3°22	7°55	24°58	26°31	12°43	4°28	10°24	1° 6	0°56	7°59	n.a.	W12
T 13	22 17 56	2°39'19	25°54	16° 7	4°37	8°40	25° 4	26°31	12°41	4°30	10°24	1°R 6	0°53	8° 5	n.a.	T 13
F 14	22 21 53	3°39'32	9♍ 9	17°38	5°53	9°24	25°11	26°30	12°38	4°32	10°25	1° 6	0°50	8°12	n.a.	F 14
S 15	22 25 49	4°39'47	22°41	19° 9	7° 8	10° 9	25°18	26°30	12°36	4°34	10°25	1° 6	0°47	8°19	n.a.	S 15
S 16	22 29 46	5°40'04	6♎26	20°38	8°24	10°54	25°25	26°30	12°33	4°36	10°26	1° 5	0°44	8°26	n.a.	S 16
M17	22 33 43	6°40'23	20°22	22° 8	9°39	11°39	25°33	26°29	12°31	4°38	10°26	1° 5	0°40	8°32	n.a.	M17
T 18	22 37 39	7°40'43	4♏27	23°36	10°55	12°23	25°40	26°D29	12°28	4°40	10°26	1° 4	0°37	8°39	n.a.	T 18
W19	22 41 36	8°41'05	18°36	25° 4	12°10	13° 8	25°48	26°29	12°26	4°42	10°26	1° 3	0°34	8°46	n.a.	W19
T 20	22 45 32	9°41'29	2♐48	26°32	13°26	13°53	25°55	26°30	12°23	4°43	10°27	1° 3	0°31	8°52	n.a.	T 20
F 21	22 49 29	10°41'54	17° 0	27°59	14°41	14°38	26° 3	26°30	12°21	4°45	10°27	1°D 3	0°28	8°59	n.a.	F 21
S 22	22 53 25	11°42'21	1♑10	29°25	15°57	15°24	26°11	26°30	12°18	4°47	10°27	1° 3	0°25	9° 6	n.a.	S 22
S 23	22 57 22	12°42'49	15°15	0♎51	17°12	16° 9	26°19	26°31	12°16	4°49	10°27	1° 4	0°21	9°13	n.a.	S 23
M24	23 1 18	13°43'19	29°14	2°16	18°28	16°54	26°28	26°31	12°13	4°51	10°27	1° 5	0°18	9°19	n.a.	M24
T 25	23 5 15	14°43'51	13♒ 4	3°40	19°43	17°39	26°36	26°32	12°11	4°53	10°28	1° 6	0°15	9°26	n.a.	T 25
W26	23 9 12	15°44'24	26°43	5° 3	20°59	18°25	26°45	26°33	12° 9	4°55	10°28	1°R 7	0°12	9°33	n.a.	W26
T 27	23 13 8	16°44'58	10♓ 9	6°25	22°14	19°10	26°53	26°34	12° 6	4°56	10°28	1° 7	0° 9	9°39	n.a.	T 27
F 28	23 17 5	17°45'34	23°21	7°47	23°30	19°55	27° 2	26°35	12° 4	4°58	10°28	1° 5	0° 6	9°46	n.a.	F 28
S 29	23 21 1	18°46'12	6♈18	9° 7	24°45	20°41	27°11	26°36	12° 1	5° 0	10°R28	1° 4	0° 2	9°53	n.a.	S 29
S 30	23 24 58	19♍46'52	18♈58	10♎27	26♍ 1	21♎26	27♏20	26♐37	11♓59	5♌ 2	10♊28	1♓ 1	29♒59	10♊ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n54	1n33	2n25	13n21	0n43	16n35	1n24	0s 5	0s10	19s16	0s 8	24s31	0s38	7s29	0s48	20n48	1n12	26n 8	3n44	11s19	11s 9	26n55		n.a.
S 2	14 34	7 36	3 24	12 40	0 36	16 10	1 24	0 23	0 11	19 18	0 8	24 31	0 38	7 30	0 48	20 47	1 12	26 8	3 44	11 19	11 10	26 56		n.a.
M 3	14 15	13 13	4 11	12 0	0 30	15 45	1 23	0 42	0 12	19 19	0 9	24 31	0 38	7 31	0 48	20 47	1 12	26 8	3 44	11 18	11 11	26 58		n.a.
T 4	13 55	18 12	4 46	11 19	0 24	15 20	1 23	1 0	0 12	19 20	0 9	24 31	0 38	7 32	0 48	20 46	1 12	26 9	3 44	11 18	11 13	26 59		n.a.
W 5	13 34	22 24	5 8	10 37	0 17	14 54	1 22	1 19	0 13	19 22	0 9	24 31	0 38	7 33	0 48	20 46	1 12	26 9	3 44	11 18	11 14	27 0		n.a.
T 6	13 14	25 39	5 17	9 56	0 11	14 27	1 22	1 37	0 14	19 23	0 9	24 31	0 38	7 34	0 48	20 45	1 12	26 9	3 44	11 18	11 15	27 1		n.a.
F 7	12 53	27 46	5 11	9 14	0 4	14 0	1 21	1 56	0 15	19 25	0 9	24 31	0 38	7 35	0 48	20 45	1 12	26 9	3 45	11 18	11 16	27 2		n.a.
S 8	12 32	28 39	4 53	8 32	0s 3	13 33	1 21	2 15	0 15	19 26	0 9	24 31	0 38	7 36	0 48	20 44	1 12	26 10	3 45	11 18	11 17	27 3		n.a.
S 9	12 11	28 10	4 21	7 50	0 9	13 5	1 20	2 33	0 16	19 28	0 9	24 31	0 38	7 37	0 48	20 44	1 12	26 10	3 45	11 18	11 18	27 4		n.a.
M10	11 50	26 19	3 38	7 8	0 16	12 37	1 19	2 52	0 17	19 30	0 9	24 31	0 38	7 38	0 48	20 43	1 12	26 10	3 45	11 18	11 19	27 5		n.a.
T 11	11 28	23 10	2 43	6 26	0 23	12 9	1 18	3 10	0 18	19 31	0 9	24 31	0 38	7 39	0 48	20 43	1 12	26 10	3 45	11 18	11 21	27 6		n.a.
W12	11 6	18 52	1 39	5 44	0 30	11 40	1 17	3 29	0 18	19 33	0 10	24 31	0 38	7 40	0 48	20 42	1 12	26 11	3 45	11 18	11 22	27 7		n.a.
T 13	10 44	13 36	0 29	5 2	0 36	11 11	1 16	3 48	0 19	19 35	0 10	24 31	0 38	7 41	0 48	20 42	1 12	26 11	3 46	11 18	11 23	27 8		n.a.
F 14	10 22	7 37	0s45	4 19	0 43	10 42	1 15	4 6	0 20	19 36	0 10	24 31	0 38	7 42	0 48	20 41	1 12	26 11	3 46	11 18	11 24	27 9		n.a.
S 15	10 0	1 11	1 57	3 37	0 50	10 13	1 14	4 25	0 20	19 38	0 10	24 31	0 38	7 43	0 48	20 41	1 12	26 11	3 46	11 18	11 25	27 10		n.a.
S 16	9 37	5s24	3 4	2 55	0 56	9 43	1 13	4 43	0 21	19 40	0 10	24 31	0 38	7 43	0 48	20 40	1 12	26 12	3 46	11 19	11 26	27 11		n.a.
M17	9 14	11 49	4 0	2 14	1 3	9 13	1 12	5 2	0 22	19 42	0 10	24 31	0 38	7 44	0 48	20 40	1 12	26 12	3 46	11 19	11 27	27 12		n.a.
T 18	8 52	17 41	4 43	1 32	1 9	8 42	1 10	5 20	0 23	19 44	0 10	24 31	0 38	7 45	0 48	20 40	1 12	26 12	3 46	11 19	11 29	27 13		n.a.
W19	8 29	22 39	5 9	0 50	1 16	8 12	1 9	5 39	0 23	19 46	0 10	24 31	0 39	7 46	0 48	20 39	1 13	26 12	3 47	11 19	11 30	27 14		n.a.
T 20	8 6	26 19	5 16	0 9	1 22	7 41	1 8	5 57	0 24	19 48	0 10	24 31	0 39	7 47	0 48	20 39	1 13	26 12	3 47	11 19	11 31	27 15		n.a.
F 21	7 42	28 20	5 4	0s32	1 28	7 10	1 6	6 16	0 25	19 50	0 10	24 31	0 39	7 48	0 48	20 38	1 13	26 13	3 47	11 19	11 32	27 16		n.a.
S 22	7 19	28 29	4 34	1 12	1 35	6 39	1 5	6 34	0 25	19 52	0 11	24 31	0 39	7 49	0 48	20 38	1 13	26 13	3 47	11 19	11 33	27 17		n.a.
S 23	6 55	26 48	3 47	1 52	1 41	6 7	1 3	6 53	0 26	19 54	0 11	24 31	0 39	7 50	0 48	20 37	1 13	26 13	3 47	11 19	11 34	27 18		n.a.
M24	6 32	23 27	2 47	2 32	1 46	5 36	1 2	7 11	0 27	19 56	0 11	24 31	0 39	7 51	0 48	20 37	1 13	26 13	3 47	11 19	11 35	27 19		n.a.
T 25	6 8	18 48	1 38	3 11	1 52	5 4	1 0	7 29	0 28	19 58	0 11	24 32	0 39	7 52	0 48	20 37	1 13	26 13	3 48	11 18	11 37	27 20		n.a.
W26	5 44	13 14	0 24	3 50	1 57	4 32	0 58	7 48	0 28	20 0	0 11	24 32	0 39	7 53	0 48	20 36	1 13	26 14	3 48	11 18	11 38	27 21		n.a.
T 27	5 20	7 9	0n50	4 28	2 3	4 0	0 57	8 6	0 29	20 2	0 11	24 32	0 39	7 54	0 48	20 36	1 13	26 14	3 48	11 18	11 39	27 22		n.a.
F 28	4 56	0 52	2 0	5 6	2 8	3 28	0 55	8 24	0 30	20 5	0 11	24 32	0 39	7 55	0 48	20 35	1 13	26 14	3 48	11 18	11 40	27 23		n.a.
S 29	4 32	5n19	3 2	5 42	2 12	2 56	0 53	8 42	0 30	20 7	0 11	24 32	0 39	7 56	0 48	20 35	1 13	26 14	3 48	11 19	11 41	27 24		n.a.
S 30	4n 8	11n10	3n54	6s18	2s17	2n24	0n51	9s 0	0s31	20s 9	0s11	24s32	0s39	7s57	0s48	20n35	1n13	26n14	3n48	11s20	11s42	27n25		n.a.

Julian Day Number = 986052.5, Delta T = 13h08m06s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'47, Lahiri = -31°42'47 Julian Calendar 1 Sept. 2014 BCE == Greg. Calendar 15 Aug. 2014 BCE

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

OCTOBER 2014 BCE (-2013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 28 54	20♍47'33	1♉24	11♎44	27♍16	22♎12	27♏29	26♐39	11°R56	5♌ 3	10°R28	0°R58	29♒56	10♊ 6	n.a.	M 1
T 2	23 32 51	21°48'17	13°36	13° 1	28°32	22°58	27°39	26°40	11♓54	5° 5	10♊28	0♓54	29°53	10°13	n.a.	T 2
W 3	23 36 47	22°49'02	25°38	14°15	29°47	23°43	27°48	26°42	11°51	5° 7	10°28	0°51	29°50	10°20	n.a.	W 3
T 4	23 40 44	23°49'49	7♊32	15°28	1♎ 3	24°29	27°58	26°43	11°49	5° 8	10°27	0°49	29°46	10°27	n.a.	T 4
F 5	23 44 40	24°50'38	19°24	16°39	2°18	25°15	28° 7	26°45	11°46	5°10	10°27	0°48	29°43	10°33	n.a.	F 5
S 6	23 48 37	25°51'28	1♋18	17°47	3°34	26° 1	28°17	26°47	11°44	5°11	10°27	0°D48	29°40	10°40	n.a.	S 6
S 7	23 52 34	26°52'20	13°19	18°52	4°49	26°47	28°27	26°49	11°42	5°13	10°27	0°49	29°37	10°47	n.a.	S 7
M 8	23 56 30	27°53'14	25°31	19°55	6° 5	27°33	28°37	26°51	11°39	5°15	10°27	0°51	29°34	10°53	n.a.	M 8
T 9	0 0 27	28°54'10	7♌59	20°54	7°20	28°19	28°48	26°53	11°37	5°16	10°26	0°53	29°31	11° 0	n.a.	T 9
W10	0 4 23	29°55'07	20°47	21°48	8°36	29° 5	28°58	26°55	11°35	5°18	10°26	0°54	29°27	11° 7	n.a.	W10
T 11	0 8 20	0♎56'06	3♍57	22°39	9°51	29°51	29° 8	26°58	11°32	5°19	10°26	0°R54	29°24	11°14	n.a.	T 11
F 12	0 12 16	1°57'05	17°31	23°24	11° 6	0♏37	29°19	27° 0	11°30	5°20	10°25	0°53	29°21	11°20	n.a.	F 12
S 13	0 16 13	2°58'07	1♎26	24° 3	12°22	1°23	29°29	27° 3	11°28	5°22	10°25	0°50	29°18	11°27	n.a.	S 13
S 14	0 20 9	3°59'09	15°39	24°35	13°37	2° 9	29°40	27° 5	11°26	5°23	10°25	0°46	29°15	11°34	n.a.	S 14
M15	0 24 6	5° 0'13	0♏ 6	25° 1	14°53	2°56	29°51	27° 8	11°23	5°25	10°24	0°41	29°11	11°40	n.a.	M15
T 16	0 28 3	6° 1'18	14°39	25°18	16° 8	3°42	0♐ 2	27°11	11°21	5°26	10°24	0°35	29° 8	11°47	n.a.	T 16
W17	0 31 59	7° 2'23	29°13	25°R26	17°24	4°28	0°13	27°14	11°19	5°27	10°23	0°30	29° 5	11°54	n.a.	W17
T 18	0 35 56	8° 3'30	13♐42	25°24	18°39	5°15	0°24	27°17	11°17	5°28	10°23	0°26	29° 2	12° 1	n.a.	T 18
F 19	0 39 52	9° 4'38	28° 0	25°12	19°54	6° 1	0°35	27°20	11°15	5°30	10°22	0°24	28°59	12° 7	n.a.	F 19
S 20	0 43 49	10° 5'46	12♑ 6	24°49	21°10	6°47	0°47	27°23	11°13	5°31	10°22	0°D23	28°56	12°14	n.a.	S 20
S 21	0 47 45	11° 6'54	25°58	24°15	22°25	7°34	0°58	27°27	11°11	5°32	10°21	0°24	28°52	12°21	n.a.	S 21
M22	0 51 42	12° 8'04	9♒36	23°30	23°41	8°21	1°10	27°30	11° 8	5°33	10°21	0°26	28°49	12°28	n.a.	M22
T 23	0 55 39	13° 9'14	23° 2	22°34	24°56	9° 7	1°21	27°34	11° 6	5°34	10°20	0°27	28°46	12°34	n.a.	T 23
W24	0 59 35	14°10'24	6♓15	21°28	26°11	9°54	1°33	27°37	11° 4	5°35	10°19	0°R27	28°43	12°41	n.a.	W24
T 25	1 3 32	15°11'35	19°16	20°15	27°27	10°40	1°45	27°41	11° 3	5°36	10°19	0°25	28°40	12°48	n.a.	T 25
F 26	1 7 28	16°12'47	2♈ 6	18°56	28°42	11°27	1°57	27°45	11° 1	5°37	10°18	0°21	28°37	12°54	n.a.	F 26
S 27	1 11 25	17°13'59	14°46	17°33	29°57	12°14	2° 9	27°49	10°59	5°38	10°17	0°15	28°33	13° 1	n.a.	S 27
S 28	1 15 21	18°15'12	27°14	16°11	1♏12	13° 0	2°21	27°52	10°57	5°39	10°17	0° 6	28°30	13° 8	n.a.	S 28
M29	1 19 18	19°16'26	9♉31	14°50	2°28	13°47	2°33	27°57	10°55	5°40	10°16	29♒57	28°27	13°15	n.a.	M29
T 30	1 23 14	20°17'41	21°39	13°35	3°43	14°34	2°45	28° 1	10°53	5°41	10°15	29°47	28°24	13°21	n.a.	T 30
W31	1 27 11	21♎18'56	3♊39	12♎27	4♏58	15♏21	2♐57	28♐ 5	10♓52	5♌42	10♊14	29♒37	28♒21	13♊28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	3n43	16n27	4n34	6s53	2s21	1n52	0n49	9s18	0s32	20s11	0s11	24s32	0s39	7s58	0s48	20n34	1n13	26n14	3n49	11s21	11s43	27n26			n.a.
T 2	3 19	21 0	5 0	7 27	2 24	1 19	0 48	9 36	0 32	20 13	0 12	24 32	0 39	7 59	0 48	20 34	1 13	26 15	3 49	11 22	11 45	27 26			n.a.
W 3	2 54	24 37	5 13	8 0	2 28	0 47	0 46	9 54	0 33	20 16	0 12	24 32	0 39	8 0	0 48	20 33	1 13	26 15	3 49	11 23	11 46	27 27			n.a.
T 4	2 30	27 8	5 12	8 31	2 31	0 14	0 44	10 12	0 33	20 18	0 12	24 32	0 39	8 1	0 48	20 33	1 13	26 15	3 49	11 24	11 47	27 28			n.a.
F 5	2 5	28 27	4 58	9 1	2 33	0s18	0 42	10 29	0 34	20 20	0 12	24 32	0 39	8 2	0 48	20 33	1 13	26 15	3 49	11 25	11 48	27 29			n.a.
S 6	1 41	28 26	4 31	9 30	2 35	0 51	0 39	10 47	0 35	20 23	0 12	24 32	0 39	8 3	0 48	20 32	1 13	26 15	3 50	11 25	11 49	27 30			n.a.
S 7	1 16	27 5	3 52	9 56	2 36	1 23	0 37	11 5	0 35	20 25	0 12	24 32	0 39	8 3	0 48	20 32	1 13	26 15	3 50	11 24	11 50	27 31			n.a.
M 8	0 51	24 27	3 2	10 21	2 37	1 55	0 35	11 22	0 36	20 27	0 12	24 32	0 39	8 4	0 48	20 32	1 13	26 15	3 50	11 24	11 51	27 32			n.a.
T 9	0 27	20 36	2 2	10 44	2 37	2 28	0 33	11 39	0 37	20 30	0 12	24 32	0 39	8 5	0 48	20 31	1 13	26 16	3 50	11 23	11 53	27 32			n.a.
W10	0 2	15 44	0 55	11 4	2 36	3 0	0 31	11 57	0 37	20 32	0 12	24 32	0 39	8 6	0 48	20 31	1 13	26 16	3 50	11 23	11 54	27 33			n.a.
T 11	0s23	10 0	0s17	11 21	2 34	3 33	0 29	12 14	0 38	20 35	0 12	24 32	0 39	8 7	0 48	20 31	1 13	26 16	3 50	11 22	11 55	27 34			n.a.
F 12	0 47	3 40	1 30	11 36	2 31	4 5	0 26	12 31	0 38	20 37	0 13	24 33	0 39	8 8	0 48	20 30	1 13	26 16	3 51	11 23	11 56	27 35			n.a.
S 13	1 12	3s 0	2 39	11 47	2 27	4 37	0 24	12 48	0 39	20 39	0 13	24 33	0 39	8 9	0 48	20 30	1 13	26 16	3 51	11 24	11 57	27 36			n.a.
S 14	1 37	9 39	3 40	11 55	2 22	5 9	0 22	13 5	0 40	20 42	0 13	24 33	0 39	8 10	0 48	20 30	1 14	26 16	3 51	11 25	11 58	27 36			n.a.
M15	2 2	15 54	4 28	11 58	2 16	5 41	0 19	13 22	0 40	20 44	0 13	24 33	0 39	8 10	0 48	20 29	1 14	26 16	3 51	11 27	11 59	27 37			n.a.
T 16	2 26	21 18	4 59	11 58	2 8	6 13	0 17	13 39	0 41	20 47	0 13	24 33	0 39	8 11	0 48	20 29	1 14	26 16	3 51	11 29	12 0	27 38			n.a.
W17	2 51	25 26	5 10	11 52	1 59	6 44	0 15	13 55	0 41	20 49	0 13	24 33	0 39	8 12	0 48	20 29	1 14	26 16	3 51	11 31	12 2	27 39			n.a.
T 18	3 16	27 54	5 2	11 42	1 48	7 16	0 12	14 12	0 42	20 52	0 13	24 33	0 39	8 13	0 48	20 29	1 14	26 17	3 52	11 33	12 3	27 39			n.a.
F 19	3 40	28 30	4 35	11 26	1 36	7 47	0 10	14 28	0 43	20 54	0 13	24 33	0 39	8 14	0 48	20 28	1 14	26 17	3 52	11 33	12 4	27 40			n.a.
S 20	4 5	27 13	3 52	11 4	1 22	8 18	0 8	14 44	0 43	20 57	0 13	24 33	0 39	8 15	0 48	20 28	1 14	26 17	3 52	11 34	12 5	27 41			n.a.
S 21	4 29	24 16	2 56	10 36	1 6	8 49	0 5	15 0	0 44	20 59	0 13	24 33	0 39	8 15	0 48	20 28	1 14	26 17	3 52	11 33	12 6	27 42			n.a.
M22	4 53	19 59	1 51	10 3	0 49	9 20	0 3	15 16	0 44	21 2	0 13	24 33	0 39	8 16	0 48	20 28	1 14	26 17	3 52	11 33	12 7	27 42			n.a.
T 23	5 18	14 45	0 40	9 25	0 30	9 50	0 0	15 32	0 45	21 4	0 14	24 33	0 39	8 17	0 48	20 27	1 14	26 17	3 52	11 32	12 8	27 43			n.a.
W24	5 42	8 55	0n31	8 42	0 11	10 21	0s 2	15 48	0 45	21 7	0 14	24 34	0 39	8 18	0 48	20 27	1 14	26 17	3 53	11 32	12 10	27 44			n.a.
T 25	6 6	2 48	1 40	7 55	0n10	10 51	0 4	16 3	0 46	21 9	0 14	24 34	0 39	8 18	0 48	20 27	1 14	26 17	3 53	11 33	12 11	27 44			n.a.
F 26	6 30	3n20	2 42	7 6	0 30	11 20	0 7	16 18	0 46	21 12	0 14	24 34	0 39	8 19	0 48	20 27	1 14	26 17	3 53	11 34	12 12	27 45			n.a.
S 27	6 54	9 14	3 36	6 15	0 51	11 50	0 9	16 34	0 47	21 14	0 14	24 34	0 39	8 20	0 48	20 27	1 14	26 17	3 53	11 37	12 13	27 46			n.a.
S 28	7 18	14 41	4 18	5 24	1 10	12 19	0 12	16 49	0 47	21 17	0 14	24 34	0 39	8 20	0 48	20 26	1 14	26 17	3 53	11 40	12 14	27 47			n.a.
M29	7 42	19 28	4 47	4 36	1 29	12 48	0 14	17 4	0 48	21 20	0 14	24 34	0 39	8 21	0 48	20 26	1 14	26 17	3 53	11 43	12 15	27 47			n.a.
T 30	8 5	23 24	5 3	3 51	1 46	13 16	0 17	17 18	0 48	21 22	0 14	24 34	0 39	8 22	0 48	20 26	1 14	26 17	3 53	11 47	12 16	27 48			n.a.
W31	8s29	26n18	5n 5	3s10	2n 1	13s44	0s19	17s33	0s49	21s25	0s14	24s34	0s39	8s22	0s48	20n26	1n14	26n17	3n54	11s50	12s17	27n48			n.a.

Julian Day Number = 986082.5, Delta T = 13h08m04s
Ecliptic obliquity = 23°55'41, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'43, Lahiri = -31°42'43 Julian Calendar 1 Oct. 2014 BCE == Greg. Calendar 14 Sept. 2014 BCE

The year -2013 astronomical counting style corresponds to year 2014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

NOVEMBER 2014 BCE (-2013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 31 8	22♎20'13	15♊32	11°R28	6♏14	16♏ 8	3♐10	28♐ 9	10°R50	5♑43	10°R13	29°R29	28♒17	13♊35	n.a.	T 1
F 2	1 35 4	23°21'29	27°23	10♎39	7°29	16°55	3°22	28°14	10♓48	5°44	10♊13	29♒23	28°14	13°41	n.a.	F 2
S 3	1 39 1	24°22'47	9♋14	10° 1	8°44	17°41	3°35	28°18	10°47	5°44	10°12	29°19	28°11	13°48	n.a.	S 3
S 4	1 42 57	25°24'05	21°12	9°34	9°59	18°28	3°47	28°23	10°45	5°45	10°11	29°D18	28° 8	13°55	n.a.	S 4
M 5	1 46 54	26°25'24	3♌20	9°18	11°14	19°15	4° 0	28°27	10°44	5°46	10°10	29°18	28° 5	14° 2	n.a.	M 5
T 6	1 50 50	27°26'44	15°44	9°D12	12°30	20° 2	4°13	28°32	10°42	5°46	10° 9	29°19	28° 2	14° 8	n.a.	T 6
W 7	1 54 47	28°28'04	28°29	9°16	13°45	20°49	4°26	28°37	10°41	5°47	10° 8	29°R19	27°58	14°15	n.a.	W 7
T 8	1 58 44	29°29'24	11♍40	9°29	15° 0	21°36	4°38	28°42	10°39	5°48	10° 7	29°19	27°55	14°22	n.a.	T 8
F 9	2 2 40	0♏30'45	25°18	9°51	16°15	22°24	4°51	28°46	10°38	5°48	10° 6	29°16	27°52	14°28	n.a.	F 9
S 10	2 6 37	1°32'07	9♎24	10°20	17°30	23°11	5° 4	28°51	10°36	5°49	10° 5	29°10	27°49	14°35	n.a.	S 10
S 11	2 10 33	2°33'28	23°56	10°56	18°45	23°58	5°17	28°57	10°35	5°49	10° 4	29° 2	27°46	14°42	n.a.	S 11
M12	2 14 30	3°34'50	8♏47	11°38	20° 1	24°45	5°30	29° 2	10°34	5°50	10° 3	28°52	27°43	14°49	n.a.	M12
T 13	2 18 26	4°36'12	23°48	12°25	21°16	25°32	5°44	29° 7	10°33	5°50	10° 2	28°41	27°39	14°55	n.a.	T 13
W14	2 22 23	5°37'34	8♐50	13°17	22°31	26°19	5°57	29°12	10°32	5°50	10° 1	28°31	27°36	15° 2	n.a.	W14
T 15	2 26 19	6°38'55	23°42	14°13	23°46	27° 6	6°10	29°18	10°31	5°51	10° 0	28°23	27°33	15° 9	n.a.	T 15
F 16	2 30 16	7°40'17	8♑19	15°13	25° 1	27°54	6°23	29°23	10°29	5°51	9°59	28°17	27°30	15°15	n.a.	F 16
S 17	2 34 13	8°41'38	22°35	16°16	26°16	28°41	6°37	29°29	10°28	5°51	9°58	28°14	27°27	15°22	n.a.	S 17
S 18	2 38 9	9°42'58	6♒29	17°23	27°31	29°28	6°50	29°34	10°28	5°52	9°57	28°D13	27°23	15°29	n.a.	S 18
M19	2 42 6	10°44'18	20° 1	18°31	28°46	0♐15	7° 4	29°40	10°27	5°52	9°55	28°13	27°20	15°36	n.a.	M19
T 20	2 46 2	11°45'37	3♓14	19°42	0♐ 1	1° 3	7°17	29°45	10°26	5°52	9°54	28°R13	27°17	15°42	n.a.	T 20
W21	2 49 59	12°46'56	16°11	20°55	1°16	1°50	7°31	29°51	10°25	5°52	9°53	28°12	27°14	15°49	n.a.	W21
T 22	2 53 55	13°48'14	28°54	22°10	2°31	2°37	7°44	29°57	10°24	5°52	9°52	28° 8	27°11	15°56	n.a.	T 22
F 23	2 57 52	14°49'31	11♈25	23°27	3°46	3°24	7°58	0♑ 3	10°24	5°52	9°51	28° 1	27° 8	16° 3	n.a.	F 23
S 24	3 1 49	15°50'48	23°47	24°45	5° 1	4°12	8°12	0° 9	10°23	5°52	9°49	27°52	27° 4	16° 9	n.a.	S 24
S 25	3 5 45	16°52'05	6♉ 2	26° 4	6°16	4°59	8°25	0°15	10°22	5°R52	9°48	27°39	27° 1	16°16	n.a.	S 25
M26	3 9 42	17°53'21	18° 9	27°25	7°31	5°46	8°39	0°21	10°22	5°52	9°47	27°25	26°58	16°23	n.a.	M26
T 27	3 13 38	18°54'36	0♊ 9	28°46	8°46	6°34	8°53	0°27	10°21	5°52	9°46	27°10	26°55	16°29	n.a.	T 27
W28	3 17 35	19°55'51	12° 5	0♏ 9	10° 0	7°21	9° 7	0°33	10°21	5°52	9°44	26°56	26°52	16°36	n.a.	W28
T 29	3 21 31	20°57'06	23°57	1°33	11°15	8° 8	9°21	0°39	10°20	5°52	9°43	26°43	26°49	16°43	n.a.	T 29
F 30	3 25 28	21♏58'20	5♋47	2♏57	12♐30	8♐56	9♐35	0♑46	10♓20	5♑52	9♊42	26♒33	26♒45	16♊50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s52	28n 0	4n54	2 s35	2n14	14 s12	0 s21	17 s47	0 s49	21 s27	0 s14	24 s34	0 s39	8 s23	0 s48	20n26	1n14	26n17	3n54	11 s53	12 s19	27n49		n.a.
F 2	9 15	28 24	4 30	2 5	2 25	14 40	0 24	18 1	0 50	21 30	0 15	24 34	0 39	8 24	0 47	20 26	1 14	26 17	3 54	11 55	12 20	27 50		n.a.
S 3	9 38	27 30	3 55	1 42	2 33	15 7	0 26	18 15	0 50	21 32	0 15	24 34	0 39	8 24	0 47	20 25	1 15	26 17	3 54	11 57	12 21	27 50		n.a.
S 4	10 1	25 20	3 9	1 25	2 40	15 34	0 29	18 29	0 51	21 35	0 15	24 34	0 39	8 25	0 47	20 25	1 15	26 17	3 54	11 57	12 22	27 51		n.a.
M 5	10 24	21 59	2 14	1 14	2 45	16 0	0 31	18 43	0 51	21 37	0 15	24 35	0 39	8 25	0 47	20 25	1 15	26 17	3 54	11 57	12 23	27 52		n.a.
T 6	10 46	17 35	1 12	1 9	2 48	16 26	0 33	18 56	0 52	21 40	0 15	24 35	0 39	8 26	0 47	20 25	1 15	26 17	3 55	11 57	12 24	27 52		n.a.
W 7	11 9	12 19	0 4	1 10	2 49	16 51	0 36	19 10	0 52	21 42	0 15	24 35	0 39	8 26	0 47	20 25	1 15	26 17	3 55	11 57	12 25	27 53		n.a.
T 8	11 31	6 20	1 s 5	1 15	2 49	17 16	0 38	19 23	0 53	21 45	0 15	24 35	0 40	8 27	0 47	20 25	1 15	26 17	3 55	11 57	12 26	27 53		n.a.
F 9	11 53	0 s 8	2 14	1 25	2 48	17 41	0 40	19 36	0 53	21 47	0 15	24 35	0 40	8 27	0 47	20 25	1 15	26 17	3 55	11 58	12 27	27 54		n.a.
S 10	12 15	6 48	3 16	1 38	2 46	18 5	0 43	19 48	0 54	21 50	0 15	24 35	0 40	8 28	0 47	20 25	1 15	26 17	3 55	12 0	12 29	27 55		n.a.
S 11	12 36	13 18	4 8	1 55	2 43	18 28	0 45	20 1	0 54	21 52	0 15	24 35	0 40	8 28	0 47	20 25	1 15	26 17	3 55	12 3	12 30	27 55		n.a.
M12	12 58	19 11	4 44	2 16	2 39	18 52	0 47	20 13	0 54	21 55	0 15	24 35	0 40	8 29	0 47	20 24	1 15	26 17	3 55	12 6	12 31	27 56		n.a.
T 13	13 19	23 57	5 1	2 39	2 34	19 14	0 49	20 25	0 55	21 57	0 16	24 35	0 40	8 29	0 47	20 24	1 15	26 17	3 55	12 10	12 32	27 56		n.a.
W14	13 40	27 7	4 57	3 4	2 29	19 36	0 51	20 37	0 55	22 0	0 16	24 35	0 40	8 30	0 47	20 24	1 15	26 17	3 56	12 14	12 33	27 57		n.a.
T 15	14 1	28 20	4 34	3 31	2 23	19 58	0 54	20 49	0 56	22 2	0 16	24 35	0 40	8 30	0 47	20 24	1 15	26 17	3 56	12 17	12 34	27 57		n.a.
F 16	14 21	27 31	3 52	4 0	2 17	20 18	0 56	21 0	0 56	22 5	0 16	24 35	0 40	8 30	0 47	20 24	1 15	26 17	3 56	12 19	12 35	27 58		n.a.
S 17	14 41	24 54	2 57	4 31	2 11	20 39	0 58	21 11	0 56	22 7	0 16	24 35	0 40	8 31	0 47	20 24	1 15	26 17	3 56	12 20	12 36	27 58		n.a.
S 18	15 1	20 51	1 53	5 3	2 4	20 59	1 0	21 22	0 57	22 9	0 16	24 35	0 40	8 31	0 47	20 24	1 15	26 17	3 56	12 20	12 38	27 59		n.a.
M19	15 21	15 47	0 43	5 36	1 57	21 18	1 2	21 33	0 57	22 12	0 16	24 35	0 40	8 31	0 47	20 24	1 15	26 17	3 56	12 20	12 39	27 59		n.a.
T 20	15 40	10 7	0n27	6 10	1 50	21 36	1 4	21 43	0 57	22 14	0 16	24 36	0 40	8 32	0 47	20 24	1 15	26 17	3 56	12 20	12 40	28 0		n.a.
W21	15 59	4 8	1 34	6 45	1 43	21 54	1 6	21 54	0 58	22 17	0 16	24 36	0 40	8 32	0 47	20 24	1 15	26 17	3 57	12 21	12 41	28 0		n.a.
T 22	16 18	1n54	2 35	7 20	1 35	22 12	1 8	22 4	0 58	22 19	0 16	24 36	0 40	8 32	0 47	20 24	1 16	26 17	3 57	12 22	12 42	28 1		n.a.
F 23	16 37	7 46	3 27	7 56	1 28	22 28	1 9	22 13	0 59	22 21	0 17	24 36	0 40	8 32	0 47	20 24	1 16	26 17	3 57	12 24	12 43	28 1		n.a.
S 24	16 55	13 15	4 9	8 32	1 20	22 44	1 11	22 23	0 59	22 24	0 17	24 36	0 40	8 33	0 47	20 24	1 16	26 17	3 57	12 28	12 44	28 2		n.a.
S 25	17 13	18 10	4 39	9 9	1 12	22 59	1 13	22 32	0 59	22 26	0 17	24 36	0 40	8 33	0 47	20 24	1 16	26 17	3 57	12 32	12 45	28 2		n.a.
M26	17 31	22 18	4 55	9 46	1 5	23 14	1 15	22 41	1 0	22 28	0 17	24 36	0 40	8 33	0 47	20 25	1 16	26 17	3 57	12 37	12 46	28 2		n.a.
T 27	17 48	25 27	4 59	10 22	0 57	23 28	1 16	22 50	1 0	22 31	0 17	24 36	0 40	8 33	0 47	20 25	1 16	26 16	3 57	12 42	12 47	28 3		n.a.
W28	18 5	27 28	4 49	10 59	0 49	23 41	1 18	22 58	1 0	22 33	0 17	24 36	0 40	8 33	0 47	20 25	1 16	26 16	3 57	12 47	12 49	28 3		n.a.
T 29	18 22	28 14	4 27	11 36	0 42	23 54	1 19	23 6	1 0	22 35	0 17	24 36	0 40	8 33	0 46	20 25	1 16	26 16	3 57	12 52	12 50	28 4		n.a.
F 30	18 s38	27n41	3n53	12 s13	0n34	24 s 6	1 s21	23 s14	1 s 1	22 s37	0 s17	24 s36	0 s40	8 s34	0 s46	20n25	1n16	26n16	3n58	12 s55	12 s51	28n 4		n.a.

Julian Day Number = 986113.5, Delta T = 13h08m02s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'39, Lahiri = -31°42'39 Julian Calendar 1 Nov. 2014 BCE == Greg. Calendar 15 Oct. 2014 BCE

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ASTRODIENST EPHEMERIS for the year 2014 BCE
geocentric

DECEMBER 2014 BCE (-2013) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 29 25	22♏59'33	17♋38	4♏23	13♐45	9♐43	9♐49	0♑52	10°R20	5°R52	9°R41	26°R26	26♒42	16♊56	n.a.	S 1
S 2	3 33 21	24° 0'46	29°34	5°49	15° 0	10°30	10° 3	0°58	10♓19	5♌52	9♊39	26♒22	26°39	17° 3	n.a.	S 2
M 3	3 37 18	25° 1'59	11♌39	7°16	16°14	11°18	10°17	1° 5	10°19	5°51	9°38	26°20	26°36	17°10	n.a.	M 3
T 4	3 41 14	26° 3'10	23°59	8°43	17°29	12° 5	10°31	1°11	10°19	5°51	9°37	26°19	26°33	17°16	n.a.	T 4
W 5	3 45 11	27° 4'22	6♍38	10°12	18°44	12°52	10°45	1°18	10°19	5°51	9°35	26°19	26°29	17°23	n.a.	W 5
T 6	3 49 7	28° 5'32	19°42	11°40	19°58	13°40	10°59	1°24	10°D19	5°50	9°34	26°18	26°26	17°30	n.a.	T 6
F 7	3 53 4	29° 6'42	3♎14	13°10	21°13	14°27	11°13	1°31	10°19	5°50	9°33	26°15	26°23	17°37	n.a.	F 7
S 8	3 57 0	0♐ 7'51	17°17	14°40	22°28	15°14	11°27	1°38	10°19	5°49	9°31	26° 9	26°20	17°43	n.a.	S 8
S 9	4 0 57	1° 9'00	1♏49	16°11	23°42	16° 2	11°41	1°44	10°19	5°49	9°30	26° 0	26°17	17°50	n.a.	S 9
M10	4 4 54	2°10'08	16°46	17°43	24°57	16°49	11°55	1°51	10°19	5°48	9°29	25°50	26°14	17°57	n.a.	M10
T 11	4 8 50	3°11'14	2♐ 0	19°15	26°12	17°36	12° 9	1°58	10°20	5°48	9°27	25°38	26°10	18° 3	n.a.	T 11
W12	4 12 47	4°12'20	17°19	20°47	27°26	18°24	12°24	2° 5	10°20	5°47	9°26	25°26	26° 7	18°10	n.a.	W12
T 13	4 16 43	5°13'25	2♑32	22°21	28°41	19°11	12°38	2°11	10°20	5°47	9°25	25°17	26° 4	18°17	n.a.	T 13
F 14	4 20 40	6°14'28	17°29	23°55	29°55	19°58	12°52	2°18	10°21	5°46	9°23	25°10	26° 1	18°24	n.a.	F 14
S 15	4 24 36	7°15'30	2♒ 3	25°29	1♑10	20°46	13° 6	2°25	10°21	5°46	9°22	25° 5	25°58	18°30	n.a.	S 15
S 16	4 28 33	8°16'30	16°10	27° 4	2°24	21°33	13°21	2°32	10°22	5°45	9°20	25° 4	25°55	18°37	n.a.	S 16
M17	4 32 30	9°17'28	29°49	28°40	3°38	22°20	13°35	2°39	10°22	5°44	9°19	25°D 3	25°51	18°44	n.a.	M17
T 18	4 36 26	10°18'25	13♓ 3	0♐17	4°53	23° 8	13°49	2°46	10°23	5°43	9°18	25°R 4	25°48	18°50	n.a.	T 18
W19	4 40 23	11°19'20	25°56	1°54	6° 7	23°55	14° 3	2°53	10°23	5°43	9°16	25° 3	25°45	18°57	n.a.	W19
T 20	4 44 19	12°20'14	8♈31	3°32	7°22	24°42	14°18	3° 0	10°24	5°42	9°15	25° 0	25°42	19° 4	n.a.	T 20
F 21	4 48 16	13°21'06	20°52	5°11	8°36	25°29	14°32	3° 7	10°25	5°41	9°14	24°54	25°39	19°11	n.a.	F 21
S 22	4 52 12	14°21'56	3♉ 3	6°51	9°50	26°17	14°46	3°14	10°26	5°40	9°12	24°46	25°35	19°17	n.a.	S 22
S 23	4 56 9	15°22'45	15° 6	8°31	11° 4	27° 4	15° 0	3°22	10°26	5°39	9°11	24°34	25°32	19°24	n.a.	S 23
M24	5 0 6	16°23'32	27° 4	10°12	12°18	27°51	15°15	3°29	10°27	5°38	9°10	24°22	25°29	19°31	n.a.	M24
T 25	5 4 2	17°24'17	8♊59	11°54	13°33	28°38	15°29	3°36	10°28	5°37	9° 8	24° 8	25°26	19°37	n.a.	T 25
W26	5 7 59	18°25'01	20°51	13°36	14°47	29°25	15°43	3°43	10°29	5°36	9° 7	23°55	25°23	19°44	n.a.	W26
T 27	5 11 55	19°25'43	2♋43	15°19	16° 1	0♑12	15°58	3°50	10°30	5°35	9° 6	23°44	25°20	19°51	n.a.	T 27
F 28	5 15 52	20°26'24	14°35	17° 4	17°15	1° 0	16°12	3°58	10°32	5°34	9° 4	23°35	25°16	19°58	n.a.	F 28
S 29	5 19 48	21°27'03	26°30	18°49	18°29	1°47	16°26	4° 5	10°33	5°33	9° 3	23°28	25°13	20° 4	n.a.	S 29
S 30	5 23 45	22°27'41	8♌30	20°35	19°43	2°34	16°40	4°12	10°34	5°32	9° 2	23°25	25°10	20°11	n.a.	S 30
M31	5 27 41	23♐28'17	20♌38	22♐21	20♑57	3♑21	16♐55	4♑19	10♓35	5♌31	9♊ 0	23°D23	25♒ 7	20♊18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18s54	25n52	3n 9	12s50	0n26	24s17	1s22	23s22	1s 1	22s40	0s17	24s36	0s40	8s34	0s46	20n25	1n16	26n16	3n58	12s58	12s52	28n 5		n.a.	
S 2	19 9	22 52	2 16	13 26	0 19	24 27	1 24	23 29	1 1	22 42	0 17	24 36	0 40	8 34	0 46	20 25	1 16	26 16	3 58	12 59	12 53	28 5		n.a.	
M 3	19 25	18 52	1 17	14 2	0 12	24 37	1 25	23 36	1 2	22 44	0 18	24 36	0 40	8 34	0 46	20 25	1 16	26 16	3 58	13 0	12 54	28 5		n.a.	
T 4	19 40	14 0	0 12	14 38	0 4	24 45	1 26	23 43	1 2	22 46	0 18	24 36	0 40	8 34	0 46	20 25	1 16	26 16	3 58	13 0	12 55	28 6		n.a.	
W 5	19 54	8 25	0s54	15 13	0s 3	24 54	1 28	23 50	1 2	22 48	0 18	24 36	0 40	8 34	0 46	20 25	1 16	26 16	3 58	13 0	12 56	28 6		n.a.	
T 6	20 8	2 20	2 0	15 48	0 10	25 1	1 29	23 56	1 2	22 50	0 18	24 36	0 40	8 34	0 46	20 26	1 16	26 16	3 58	13 0	12 57	28 6		n.a.	
F 7	20 22	4s 5	3 2	16 23	0 17	25 7	1 30	24 2	1 3	22 53	0 18	24 36	0 40	8 34	0 46	20 26	1 16	26 15	3 58	13 1	12 59	28 7		n.a.	
S 8	20 35	10 31	3 54	16 57	0 24	25 13	1 31	24 8	1 3	22 55	0 18	24 36	0 41	8 34	0 46	20 26	1 16	26 15	3 58	13 3	13 0	28 7		n.a.	
S 9	20 48	16 37	4 34	17 30	0 30	25 18	1 32	24 13	1 3	22 57	0 18	24 36	0 41	8 33	0 46	20 26	1 16	26 15	3 58	13 6	13 1	28 7		n.a.	
M10	21 1	21 54	4 56	18 3	0 37	25 22	1 33	24 19	1 3	22 59	0 18	24 35	0 41	8 33	0 46	20 26	1 16	26 15	3 59	13 10	13 2	28 8		n.a.	
T 11	21 13	25 51	4 58	18 35	0 43	25 26	1 34	24 23	1 4	23 1	0 18	24 35	0 41	8 33	0 46	20 26	1 17	26 15	3 59	13 14	13 3	28 8		n.a.	
W12	21 25	27 56	4 39	19 7	0 49	25 29	1 34	24 28	1 4	23 3	0 18	24 35	0 41	8 33	0 46	20 27	1 17	26 15	3 59	13 18	13 4	28 8		n.a.	
T 13	21 36	27 54	4 0	19 37	0 55	25 30	1 35	24 32	1 4	23 5	0 19	24 35	0 41	8 33	0 46	20 27	1 17	26 15	3 59	13 21	13 5	28 9		n.a.	
F 14	21 47	25 48	3 4	20 7	1 1	25 31	1 36	24 36	1 4	23 7	0 19	24 35	0 41	8 33	0 46	20 27	1 17	26 15	3 59	13 24	13 6	28 9		n.a.	
S 15	21 58	22 2	1 58	20 36	1 7	25 32	1 36	24 40	1 4	23 9	0 19	24 35	0 41	8 33	0 46	20 27	1 17	26 14	3 59	13 25	13 7	28 9		n.a.	
S 16	22 8	17 4	0 47	21 4	1 12	25 31	1 37	24 44	1 5	23 11	0 19	24 35	0 41	8 32	0 46	20 27	1 17	26 14	3 59	13 26	13 8	28 9		n.a.	
M17	22 18	11 22	0n25	21 32	1 17	25 30	1 37	24 47	1 5	23 13	0 19	24 35	0 41	8 32	0 46	20 28	1 17	26 14	3 59	13 26	13 10	28 10		n.a.	
T 18	22 27	5 21	1 34	21 58	1 22	25 28	1 38	24 50	1 5	23 14	0 19	24 35	0 41	8 32	0 46	20 28	1 17	26 14	3 59	13 26	13 11	28 10		n.a.	
W19	22 36	0n43	2 36	22 23	1 27	25 25	1 38	24 52	1 5	23 16	0 19	24 35	0 41	8 31	0 46	20 28	1 17	26 14	3 59	13 26	13 12	28 10		n.a.	
T 20	22 44	6 37	3 28	22 47	1 31	25 21	1 38	24 54	1 5	23 18	0 19	24 35	0 41	8 31	0 46	20 28	1 17	26 14	3 59	13 27	13 13	28 10		n.a.	
F 21	22 52	12 10	4 10	23 10	1 35	25 17	1 38	24 56	1 5	23 20	0 19	24 35	0 41	8 31	0 46	20 29	1 17	26 14	3 59	13 29	13 14	28 11		n.a.	
S 22	22 59	17 9	4 40	23 31	1 39	25 11	1 38	24 58	1 6	23 22	0 20	24 34	0 41	8 30	0 45	20 29	1 17	26 13	3 59	13 32	13 15	28 11		n.a.	
S 23	23 6	21 25	4 57	23 52	1 43	25 5	1 38	24 59	1 6	23 23	0 20	24 34	0 41	8 30	0 45	20 29	1 17	26 13	4 0	13 36	13 16	28 11		n.a.	
M24	23 13	24 46	5 1	24 11	1 46	24 59	1 38	25 0	1 6	23 25	0 20	24 34	0 41	8 30	0 45	20 29	1 17	26 13	4 0	13 40	13 17	28 11		n.a.	
T 25	23 19	27 2	4 51	24 28	1 49	24 51	1 38	25 1	1 6	23 27	0 20	24 34	0 41	8 29	0 45	20 30	1 17	26 13	4 0	13 45	13 18	28 12		n.a.	
W26	23 25	28 5	4 29	24 44	1 51	24 43	1 38	25 2	1 6	23 29	0 20	24 34	0 41	8 29	0 45	20 30	1 17	26 13	4 0	13 49	13 19	28 12		n.a.	
T 27	23 30	27 49	3 55	24 59	1 54	24 34	1 38	25 2	1 6	23 30	0 20	24 34	0 42	8 28	0 45	20 30	1 17	26 13	4 0	13 53	13 20	28 12		n.a.	
F 28	23 34	26 17	3 11	25 12	1 55	24 24	1 37	25 2	1 6	23 32	0 20	24 34	0 42	8 28	0 45	20 31	1 17	26 12	4 0	13 56	13 22	28 12		n.a.	
S 29	23 39	23 33	2 18	25 23	1 57	24 13	1 37	25 1	1 6	23 33	0 20	24 33	0 42	8 27	0 45	20 31	1 17	26 12	4 0	13 58	13 23	28 12		n.a.	
S 30	23 42	19 46	1 19	25 33	1 58	24 2	1 36	25 0	1 6	23 35	0 20	24 33	0 42	8 27	0 45	20 31	1 17	26 12	4 0	13 59	13 24	28 12		n.a.	
M31	23s46	15n 8	0n15	25s40	1s58	23s50	1s36	24s59	1s 6	23s37	0s21	24s33	0s42	8s26	0s45	20n32	1n17	26n12	4n 0	14s 0	13s25	28n13		n.a.	

Julian Day Number = 986143.5, Delta T = 13h08m00s
Ecliptic obliquity = 23°55'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'35, Lahiri = -31°42'35 Julian Calendar 1 Dec. 2014 BCE == Greg. Calendar 14 Nov. 2014 BCE

The year -2013 astronomical counting style corresponds to year 2014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

JANUARY 2013 BCE (-2012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 31 38	24♐28'51	2♍59	24♐ 9	22♑10	4♑ 8	17♐ 9	4♑27	10♓36	5°R30	8°R59	23♒24	25♒ 4	20♊24	n.a.	T 1
W 2	5 35 35	25°29'24	15°36	25°57	23°24	4°55	17°23	4°34	10°38	5♌29	8♊58	23°25	25° 0	20°31	n.a.	W 2
T 3	5 39 31	26°29'55	28°35	27°46	24°38	5°42	17°37	4°41	10°39	5°28	8°56	23°R25	24°57	20°38	n.a.	T 3
F 4	5 43 28	27°30'25	11♎59	29°36	25°52	6°29	17°51	4°49	10°41	5°26	8°55	23°24	24°54	20°45	n.a.	F 4
S 5	5 47 24	28°30'54	25°50	1♑27	27° 5	7°16	18° 6	4°56	10°42	5°25	8°54	23°21	24°51	20°51	n.a.	S 5
S 6	5 51 21	29°31'21	10♏10	3°18	28°19	8° 3	18°20	5° 4	10°44	5°24	8°52	23°15	24°48	20°58	n.a.	S 6
M 7	5 55 17	0♑31'46	24°57	5°10	29°33	8°50	18°34	5°11	10°45	5°23	8°51	23° 8	24°45	21° 5	n.a.	M 7
T 8	5 59 14	1°32'10	10♐ 3	7° 3	0♒46	9°37	18°48	5°18	10°47	5°21	8°50	23° 0	24°41	21°11	n.a.	T 8
W 9	6 3 10	2°32'32	25°19	8°56	2° 0	10°23	19° 2	5°26	10°49	5°20	8°49	22°52	24°38	21°18	n.a.	W 9
T 10	6 7 7	3°32'52	10♑36	10°49	3°13	11°10	19°16	5°33	10°50	5°19	8°47	22°45	24°35	21°25	n.a.	T 10
F 11	6 11 4	4°33'10	25°42	12°42	4°27	11°57	19°30	5°41	10°52	5°17	8°46	22°40	24°32	21°31	n.a.	F 11
S 12	6 15 0	5°33'26	10♒27	14°35	5°40	12°44	19°44	5°48	10°54	5°16	8°45	22°38	24°29	21°38	n.a.	S 12
S 13	6 18 57	6°33'40	24°47	16°28	6°53	13°31	19°58	5°55	10°56	5°15	8°44	22°D37	24°26	21°45	n.a.	S 13
M14	6 22 53	7°33'51	8♓38	18°21	8° 7	14°17	20°12	6° 3	10°58	5°13	8°43	22°38	24°22	21°52	n.a.	M14
T 15	6 26 50	8°34'00	22° 2	20°13	9°20	15° 4	20°26	6°10	11° 0	5°12	8°41	22°39	24°19	21°58	n.a.	T 15
W16	6 30 46	9°34'07	5♈ 1	22° 3	10°33	15°51	20°40	6°18	11° 2	5°10	8°40	22°R40	24°16	22° 5	n.a.	W16
T 17	6 34 43	10°34'11	17°38	23°52	11°46	16°37	20°54	6°25	11° 4	5° 9	8°39	22°40	24°13	22°12	n.a.	T 17
F 18	6 38 39	11°34'13	29°58	25°39	12°59	17°24	21° 8	6°32	11° 6	5° 7	8°38	22°38	24°10	22°18	n.a.	F 18
S 19	6 42 36	12°34'13	12♉ 5	27°23	14°12	18°10	21°22	6°40	11° 8	5° 6	8°37	22°34	24° 6	22°25	n.a.	S 19
S 20	6 46 33	13°34'10	24° 3	29° 5	15°25	18°57	21°35	6°47	11°10	5° 4	8°36	22°29	24° 3	22°32	n.a.	S 20
M21	6 50 29	14°34'05	5♊57	0♒43	16°38	19°43	21°49	6°54	11°12	5° 3	8°35	22°22	24° 0	22°39	n.a.	M21
T 22	6 54 26	15°33'58	17°48	2°17	17°51	20°30	22° 3	7° 2	11°14	5° 1	8°34	22°15	23°57	22°45	n.a.	T 22
W23	6 58 22	16°33'49	29°39	3°47	19° 3	21°16	22°17	7° 9	11°17	5° 0	8°33	22° 8	23°54	22°52	n.a.	W23
T 24	7 2 19	17°33'37	11♋33	5°11	20°16	22° 3	22°30	7°16	11°19	4°58	8°32	22° 2	23°51	22°59	n.a.	T 24
F 25	7 6 15	18°33'24	23°30	6°30	21°29	22°49	22°44	7°24	11°21	4°57	8°31	21°58	23°47	23° 5	n.a.	F 25
S 26	7 10 12	19°33'08	5♌33	7°43	22°41	23°35	22°57	7°31	11°24	4°55	8°30	21°55	23°44	23°12	n.a.	S 26
S 27	7 14 8	20°32'50	17°43	8°49	23°54	24°22	23°11	7°38	11°26	4°54	8°29	21°D53	23°41	23°19	n.a.	S 27
M28	7 18 5	21°32'29	0♍ 3	9°48	25° 6	25° 8	23°24	7°46	11°29	4°52	8°28	21°54	23°38	23°26	n.a.	M28
T 29	7 22 2	22°32'07	12°34	10°40	26°18	25°54	23°38	7°53	11°31	4°50	8°27	21°55	23°35	23°32	n.a.	T 29
W30	7 25 58	23°31'43	25°19	11°24	27°30	26°40	23°51	8° 0	11°34	4°49	8°26	21°56	23°32	23°39	n.a.	W30
T 31	7 29 55	24♑31'16	8♎22	12♒ 1	28♒42	27♑26	24♐ 4	8♑ 7	11♓36	4♌47	8♊25	21♒58	23♒28	23♊46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s49	9n49	0 s51	25 s46	1 s58	23 s38	1 s35	24 s58	1 s 7	23 s38	0 s21	24 s33	0 s42	8 s26	0 s45	20n32	1n18	26n12	4n 0	14 s 0	13 s26	28n13			n.a.
W 2	23 51	4 0	1 56	25 50	1 58	23 24	1 34	24 57	1 7	23 40	0 21	24 33	0 42	8 25	0 45	20 32	1 18	26 12	4 0	13 59	13 27	28 13			n.a.
T 3	23 53	2 s 7	2 57	25 52	1 57	23 10	1 34	24 55	1 7	23 41	0 21	24 32	0 42	8 25	0 45	20 33	1 18	26 11	4 0	13 59	13 28	28 13			n.a.
F 4	23 54	8 21	3 50	25 51	1 56	22 55	1 33	24 53	1 7	23 43	0 21	24 32	0 42	8 24	0 45	20 33	1 18	26 11	4 0	14 0	13 29	28 13			n.a.
S 5	23 55	14 23	4 32	25 49	1 54	22 40	1 32	24 50	1 7	23 44	0 21	24 32	0 42	8 24	0 45	20 33	1 18	26 11	4 0	14 1	13 30	28 13			n.a.
S 6	23 56	19 52	4 58	25 44	1 51	22 24	1 31	24 47	1 7	23 45	0 21	24 32	0 42	8 23	0 45	20 34	1 18	26 11	4 0	14 3	13 31	28 13			n.a.
M 7	23 56	24 19	5 6	25 38	1 48	22 7	1 30	24 44	1 7	23 47	0 21	24 32	0 42	8 22	0 45	20 34	1 18	26 11	4 0	14 5	13 32	28 13			n.a.
T 8	23 55	27 14	4 53	25 29	1 45	21 50	1 28	24 41	1 7	23 48	0 22	24 31	0 42	8 22	0 45	20 34	1 18	26 11	4 0	14 8	13 33	28 13			n.a.
W 9	23 54	28 9	4 19	25 17	1 40	21 32	1 27	24 37	1 7	23 49	0 22	24 31	0 42	8 21	0 45	20 35	1 18	26 10	4 0	14 10	13 35	28 14			n.a.
T 10	23 53	26 55	3 26	25 3	1 35	21 13	1 26	24 33	1 7	23 51	0 22	24 31	0 42	8 20	0 45	20 35	1 18	26 10	4 0	14 13	13 36	28 14			n.a.
F 11	23 51	23 43	2 20	24 47	1 29	20 54	1 24	24 29	1 7	23 52	0 22	24 31	0 43	8 19	0 45	20 35	1 18	26 10	4 0	14 14	13 37	28 14			n.a.
S 12	23 48	19 1	1 5	24 29	1 23	20 35	1 23	24 25	1 7	23 53	0 22	24 30	0 43	8 19	0 45	20 36	1 18	26 10	4 0	14 15	13 38	28 14			n.a.
S 13	23 46	13 21	0n12	24 9	1 16	20 14	1 21	24 20	1 7	23 54	0 22	24 30	0 43	8 18	0 45	20 36	1 18	26 10	4 0	14 15	13 39	28 14			n.a.
M14	23 42	7 11	1 26	23 46	1 8	19 53	1 20	24 15	1 7	23 56	0 22	24 30	0 43	8 17	0 45	20 37	1 18	26 10	4 0	14 15	13 40	28 14			n.a.
T 15	23 39	0 54	2 32	23 21	1 0	19 32	1 18	24 10	1 7	23 57	0 22	24 30	0 43	8 16	0 45	20 37	1 18	26 9	4 0	14 15	13 41	28 14			n.a.
W16	23 34	5n13	3 29	22 54	0 50	19 10	1 16	24 4	1 7	23 58	0 23	24 29	0 43	8 16	0 44	20 37	1 18	26 9	4 0	14 14	13 42	28 14			n.a.
T 17	23 30	10 57	4 14	22 26	0 40	18 48	1 14	23 58	1 7	23 59	0 23	24 29	0 43	8 15	0 44	20 38	1 18	26 9	4 0	14 14	13 43	28 14			n.a.
F 18	23 25	16 8	4 46	21 56	0 30	18 25	1 12	23 52	1 7	24 0	0 23	24 29	0 43	8 14	0 44	20 38	1 18	26 9	4 1	14 15	13 44	28 14			n.a.
S 19	23 19	20 35	5 4	21 24	0 18	18 1	1 10	23 46	1 7	24 1	0 23	24 28	0 43	8 13	0 44	20 39	1 18	26 9	4 1	14 16	13 45	28 14			n.a.
S 20	23 13	24 9	5 9	20 52	0 6	17 38	1 8	23 39	1 6	24 2	0 23	24 28	0 43	8 12	0 44	20 39	1 18	26 9	4 1	14 18	13 46	28 14			n.a.
M21	23 7	26 40	5 1	20 18	0n 7	17 13	1 6	23 32	1 6	24 3	0 23	24 28	0 43	8 11	0 44	20 39	1 18	26 8	4 1	14 20	13 47	28 14			n.a.
T 22	23 0	28 0	4 40	19 44	0 20	16 49	1 4	23 25	1 6	24 4	0 23	24 28	0 43	8 10	0 44	20 40	1 18	26 8	4 1	14 23	13 49	28 14			n.a.
W23	22 53	28 2	4 6	19 10	0 33	16 23	1 2	23 18	1 6	24 5	0 24	24 27	0 44	8 10	0 44	20 40	1 18	26 8	4 1	14 25	13 50	28 14			n.a.
T 24	22 45	26 46	3 22	18 36	0 47	15 58	0 59	23 10	1 6	24 6	0 24	24 27	0 44	8 9	0 44	20 41	1 18	26 8	4 1	14 27	13 51	28 14			n.a.
F 25	22 37	24 17	2 29	18 2	1 2	15 32	0 57	23 2	1 6	24 7	0 24	24 27	0 44	8 8	0 44	20 41	1 18	26 8	4 1	14 28	13 52	28 14			n.a.
S 26	22 28	20 41	1 28	17 29	1 16	15 5	0 55	22 54	1 6	24 8	0 24	24 26	0 44	8 7	0 44	20 41	1 18	26 8	4 1	14 29	13 53	28 14			n.a.
S 27	22 19	16 12	0 23	16 57	1 31	14 39	0 52	22 46	1 6	24 9	0 24	24 26	0 44	8 6	0 44	20 42	1 18	26 7	4 1	14 30	13 54	28 13			n.a.
M28	22 10	11 0	0 s45	16 27	1 46	14 12	0 49	22 37	1 6	24 10	0 24	24 26	0 44	8 5	0 44	20 42	1 18	26 7	4 1	14 30	13 55	28 13			n.a.
T 29	22 0	5 17	1 51	15 59	2 0	13 44	0 47	22 28	1 6	24 11	0 24	24 25	0 44	8 4	0 44	20 43	1 18	26 7	4 1	14 29	13 56	28 13			n.a.
W30	21 50	0 s45	2 53	15 34	2 14	13 16	0 44	22 19	1 6	24 11	0 24	24 25	0 44	8 3	0 44	20 43	1 18	26 7	4 1	14 29	13 57	28 13			n.a.
T 31	21 s39	6 s51	3 s48	15 s10	2n28	12 s48	0 s41	22 s10	1 s 5	24 s12	0 s25	24 s25	0 s44	8 s 2	0 s44	20n43	1n18	26n 7	4n 1	14 s28	13 s58	28n13			n.a.

Julian Day Number = 986174.5, Delta T = 13h07m58s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'31, Lahiri = -31°42'30 Julian Calendar 1 Jan. 2013 BCE == Greg. Calendar 15 Dec. 2014 BCE

The year -2012 astronomical counting style corresponds to year 2013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

FEBRUARY 2013 BCE (-2012) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 33 51	25♉30'48	21♎44	12♒29	29♒54	28♉12	24♐17	8♉14	11♓39	4°R46	8°R24	21°R59	23♒25	23♊52	n.a.	F 1
S 2	7 37 48	26°30'18	5♏28	12°48	1♓ 6	28°58	24°31	8°22	11°42	4♌44	8♊23	21♒59	23°22	23°59	n.a.	S 2
S 3	7 41 44	27°29'46	19°35	13° 0	2°18	29°44	24°44	8°29	11°44	4°42	8°23	21°57	23°19	24° 6	n.a.	S 3
M 4	7 45 41	28°29'13	4♐ 3	13°R 3	3°30	0♒30	24°57	8°36	11°47	4°41	8°22	21°55	23°16	24°12	n.a.	M 4
T 5	7 49 37	29°28'37	18°49	12°59	4°42	1°16	25°10	8°43	11°50	4°39	8°21	21°52	23°12	24°19	n.a.	T 5
W 6	7 53 34	0♒27'59	3♉46	12°46	5°54	2° 2	25°23	8°50	11°52	4°37	8°20	21°49	23° 9	24°26	n.a.	W 6
T 7	7 57 30	1°27'20	18°47	12°26	7° 5	2°48	25°36	8°57	11°55	4°36	8°19	21°46	23° 6	24°33	n.a.	T 7
F 8	8 1 27	2°26'38	3♒42	12° 0	8°17	3°34	25°49	9° 4	11°58	4°34	8°19	21°45	23° 3	24°39	n.a.	F 8
S 9	8 5 24	3°25'53	18°24	11°27	9°28	4°19	26° 1	9°11	12° 1	4°32	8°18	21°D44	23° 0	24°46	n.a.	S 9
S 10	8 9 20	4°25'07	2♓46	10°49	10°39	5° 5	26°14	9°18	12° 4	4°31	8°17	21°44	22°57	24°53	n.a.	S 10
M11	8 13 17	5°24'18	16°43	10° 7	11°51	5°51	26°27	9°25	12° 7	4°29	8°17	21°45	22°53	24°59	n.a.	M11
T 12	8 17 13	6°23'26	0♈15	9°21	13° 2	6°36	26°39	9°32	12°10	4°27	8°16	21°46	22°50	25° 6	n.a.	T 12
W13	8 21 10	7°22'32	13°21	8°32	14°13	7°22	26°52	9°39	12°12	4°26	8°15	21°48	22°47	25°13	n.a.	W13
T 14	8 25 6	8°21'36	26° 4	7°42	15°24	8° 8	27° 4	9°46	12°15	4°24	8°15	21°48	22°44	25°20	n.a.	T 14
F 15	8 29 3	9°20'37	8♉28	6°51	16°34	8°53	27°17	9°52	12°18	4°23	8°14	21°R49	22°41	25°26	n.a.	F 15
S 16	8 32 59	10°19'36	20°37	6° 1	17°45	9°38	27°29	9°59	12°21	4°21	8°14	21°49	22°38	25°33	n.a.	S 16
S 17	8 36 56	11°18'32	2♊35	5°12	18°56	10°24	27°41	10° 6	12°25	4°19	8°13	21°48	22°34	25°40	n.a.	S 17
M18	8 40 52	12°17'26	14°28	4°26	20° 6	11° 9	27°54	10°13	12°28	4°18	8°13	21°47	22°31	25°46	n.a.	M18
T 19	8 44 49	13°16'17	26°18	3°42	21°17	11°54	28° 6	10°19	12°31	4°16	8°12	21°45	22°28	25°53	n.a.	T 19
W20	8 48 46	14°15'06	8♋11	3° 3	22°27	12°40	28°18	10°26	12°34	4°14	8°12	21°44	22°25	26° 0	n.a.	W20
T 21	8 52 42	15°13'53	20° 8	2°27	23°37	13°25	28°30	10°32	12°37	4°13	8°11	21°43	22°22	26° 6	n.a.	T 21
F 22	8 56 39	16°12'38	2♌12	1°57	24°47	14°10	28°41	10°39	12°40	4°11	8°11	21°43	22°18	26°13	n.a.	F 22
S 23	9 0 35	17°11'20	14°26	1°31	25°57	14°55	28°53	10°45	12°43	4° 9	8°11	21°43	22°15	26°20	n.a.	S 23
S 24	9 4 32	18°10'00	26°51	1°10	27° 7	15°40	29° 5	10°52	12°46	4° 8	8°10	21°D43	22°12	26°27	n.a.	S 24
M25	9 8 28	19° 8'37	9♍28	0°55	28°16	16°25	29°16	10°58	12°50	4° 6	8°10	21°43	22° 9	26°33	n.a.	M25
T 26	9 12 25	20° 7'13	22°18	0°45	29°26	17°10	29°28	11° 4	12°53	4° 5	8°10	21°43	22° 6	26°40	n.a.	T 26
W27	9 16 21	21° 5'47	5♎21	0°D41	0♈35	17°55	29°39	11°11	12°56	4° 3	8° 9	21°43	22° 3	26°47	n.a.	W27
T 28	9 20 18	22° 4'19	18°39	0°42	1°45	18°40	29°51	11°17	12°59	4° 2	8° 9	21°R43	21°59	26°53	n.a.	T 28
F 29	9 24 14	23♒ 2'49	2♏12	0♒48	2♈54	19♒24	0♉ 2	11♉23	13♓ 3	4♌ 0	8♊ 9	21♒43	21♒56	27♊ 0	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s28	12 s49	4 s32	14 s50	2n41	12 s20	0 s39	22 s 0	1 s 5	24 s13	0 s25	24 s24	0 s44	8 s 1	0 s44	20n44	1n18	26n 7	4n 1	14 s28	13 s59	28n13		n.a.
S 2	21 17	18 20	5 1	14 32	2 54	11 51	0 36	21 51	1 5	24 14	0 25	24 24	0 44	8 0	0 44	20 44	1 18	26 6	4 1	14 28	14 0	28 13		n.a.
S 3	21 5	23 0	5 14	14 18	3 6	11 22	0 33	21 41	1 5	24 14	0 25	24 23	0 45	7 59	0 44	20 45	1 19	26 6	4 1	14 29	14 1	28 13		n.a.
M 4	20 53	26 25	5 7	14 6	3 16	10 53	0 30	21 30	1 5	24 15	0 25	24 23	0 45	7 58	0 44	20 45	1 19	26 6	4 1	14 29	14 2	28 13		n.a.
T 5	20 41	28 6	4 40	13 59	3 26	10 24	0 27	21 20	1 5	24 16	0 25	24 23	0 45	7 56	0 44	20 46	1 19	26 6	4 1	14 30	14 3	28 12		n.a.
W 6	20 28	27 46	3 54	13 54	3 34	9 54	0 24	21 9	1 4	24 16	0 26	24 22	0 45	7 55	0 44	20 46	1 19	26 6	4 1	14 31	14 5	28 12		n.a.
T 7	20 14	25 25	2 52	13 54	3 40	9 24	0 20	20 58	1 4	24 17	0 26	24 22	0 45	7 54	0 44	20 46	1 19	26 6	4 0	14 32	14 6	28 12		n.a.
F 8	20 1	21 18	1 38	13 56	3 46	8 54	0 17	20 47	1 4	24 17	0 26	24 22	0 45	7 53	0 44	20 47	1 19	26 6	4 0	14 33	14 7	28 12		n.a.
S 9	19 47	15 55	0 18	14 2	3 49	8 24	0 14	20 36	1 4	24 18	0 26	24 21	0 45	7 52	0 44	20 47	1 19	26 5	4 0	14 33	14 8	28 12		n.a.
S 10	19 33	9 45	1n 1	14 11	3 51	7 53	0 11	20 25	1 4	24 19	0 26	24 21	0 45	7 51	0 44	20 48	1 19	26 5	4 0	14 33	14 9	28 12		n.a.
M11	19 18	3 18	2 14	14 22	3 50	7 22	0 7	20 13	1 3	24 19	0 26	24 20	0 45	7 50	0 44	20 48	1 19	26 5	4 0	14 32	14 10	28 11		n.a.
T 12	19 3	3n 6	3 17	14 37	3 48	6 52	0 4	20 1	1 3	24 20	0 26	24 20	0 45	7 48	0 44	20 48	1 19	26 5	4 0	14 32	14 11	28 11		n.a.
W13	18 48	9 10	4 8	14 53	3 45	6 21	0 1	19 49	1 3	24 20	0 27	24 20	0 46	7 47	0 44	20 49	1 19	26 5	4 0	14 32	14 12	28 11		n.a.
T 14	18 33	14 40	4 45	15 12	3 39	5 50	0n 3	19 37	1 3	24 20	0 27	24 19	0 46	7 46	0 44	20 49	1 19	26 5	4 0	14 31	14 13	28 11		n.a.
F 15	18 17	19 27	5 8	15 32	3 32	5 18	0 6	19 25	1 3	24 21	0 27	24 19	0 46	7 45	0 44	20 50	1 19	26 5	4 0	14 31	14 14	28 10		n.a.
S 16	18 1	23 20	5 16	15 53	3 23	4 47	0 10	19 12	1 2	24 21	0 27	24 18	0 46	7 44	0 44	20 50	1 19	26 5	4 0	14 31	14 15	28 10		n.a.
S 17	17 44	26 10	5 11	16 14	3 13	4 16	0 13	18 59	1 2	24 22	0 27	24 18	0 46	7 43	0 44	20 51	1 19	26 5	4 0	14 32	14 16	28 10		n.a.
M18	17 28	27 50	4 52	16 37	3 1	3 44	0 17	18 46	1 2	24 22	0 27	24 18	0 46	7 41	0 44	20 51	1 19	26 4	4 0	14 32	14 17	28 10		n.a.
T 19	17 11	28 13	4 21	16 59	2 49	3 13	0 21	18 33	1 2	24 22	0 28	24 17	0 46	7 40	0 43	20 51	1 19	26 4	4 0	14 32	14 18	28 9		n.a.
W20	16 53	27 18	3 38	17 22	2 35	2 41	0 24	18 20	1 1	24 23	0 28	24 17	0 46	7 39	0 43	20 52	1 19	26 4	4 0	14 33	14 19	28 9		n.a.
T 21	16 36	25 7	2 46	17 44	2 21	2 10	0 28	18 7	1 1	24 23	0 28	24 16	0 47	7 38	0 43	20 52	1 19	26 4	4 0	14 33	14 20	28 9		n.a.
F 22	16 18	21 47	1 46	18 5	2 6	1 38	0 32	17 53	1 1	24 23	0 28	24 16	0 47	7 36	0 43	20 53	1 19	26 4	4 0	14 33	14 21	28 9		n.a.
S 23	16 0	17 28	0 40	18 25	1 51	1 6	0 35	17 39	1 1	24 24	0 28	24 15	0 47	7 35	0 43	20 53	1 19	26 4	4 0	14 33	14 23	28 8		n.a.
S 24	15 42	12 22	0 s28	18 45	1 36	0 35	0 39	17 25	1 0	24 24	0 28	24 15	0 47	7 34	0 43	20 53	1 19	26 4	4 0	14 33	14 24	28 8		n.a.
M25	15 23	6 41	1 37	19 3	1 21	0 3	0 43	17 11	1 0	24 24	0 29	24 15	0 47	7 33	0 43	20 54	1 19	26 4	4 0	14 33	14 25	28 8		n.a.
T 26	15 4	0 39	2 42	19 20	1 6	0n29	0 46	16 57	1 0	24 24	0 29	24 14	0 47	7 31	0 43	20 54	1 19	26 4	4 0	14 33	14 26	28 7		n.a.
W27	14 45	5 s30	3 39	19 35	0 51	1 0	0 50	16 43	0 59	24 25	0 29	24 14	0 47	7 30	0 43	20 54	1 19	26 4	4 0	14 33	14 27	28 7		n.a.
T 28	14 26	11 32	4 26	19 50	0 36	1 32	0 54	16 28	0 59	24 25	0 29	24 13	0 47	7 29	0 43	20 55	1 19	26 4	4 0	14 33	14 28	28 7		n.a.
F 29	14 s 7	17 s 8	4 s59	20 s 2	0n22	2n 3	0n58	16 s14	0 s59	24 s25	0 s29	24 s13	0 s47	7 s27	0 s43	20n55	1n19	26n 3	4n 0	14 s33	14 s29	28n 6		n.a.

Julian Day Number = 986205.5, Delta T = 13h07m56s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'27, Lahiri = -31°42'26 Julian Calendar 1 Feb. 2013 BCE == Greg. Calendar 15 Jan. 2013 BCE

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

MARCH 2013 BCE (-2012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 28 11	24♒ 1'17	15♏59	0♒59	4♈ 3	20♒ 9	0♑13	11♑29	13♓ 6	3°R59	8°R 9	21°R43	21♒53	27♊ 7	n.a.	S 1
S 2	9 32 8	24°59'44	0♐ 0	1°15	5°12	20°54	0°24	11°35	13° 9	3♌57	8♊ 9	21°D43	21°50	27°13	n.a.	S 2
M 3	9 36 4	25°58'09	14°14	1°36	6°21	21°39	0°35	11°41	13°13	3°55	8° 9	21♒43	21°47	27°20	n.a.	M 3
T 4	9 40 1	26°56'32	28°40	2° 1	7°29	22°23	0°46	11°47	13°16	3°54	8° 8	21°43	21°44	27°27	n.a.	T 4
W 5	9 43 57	27°54'54	13♑12	2°31	8°38	23° 8	0°57	11°53	13°19	3°52	8° 8	21°44	21°40	27°34	n.a.	W 5
T 6	9 47 54	28°53'13	27°46	3° 5	9°46	23°52	1° 7	11°59	13°23	3°51	8° 8	21°44	21°37	27°40	n.a.	T 6
F 7	9 51 50	29°51'31	12♒18	3°42	10°54	24°37	1°18	12° 5	13°26	3°50	8° 8	21°45	21°34	27°47	n.a.	F 7
S 8	9 55 47	0♓49'47	26°41	4°24	12° 2	25°21	1°28	12°11	13°29	3°48	8°D 8	21°R45	21°31	27°54	n.a.	S 8
S 9	9 59 43	1°48'01	10♓50	5° 9	13°10	26° 5	1°39	12°16	13°33	3°47	8° 8	21°44	21°28	28° 0	n.a.	S 9
M10	10 3 40	2°46'13	24°40	5°58	14°18	26°50	1°49	12°22	13°36	3°45	8° 8	21°43	21°24	28° 7	n.a.	M10
T 11	10 7 36	3°44'23	8♈10	6°50	15°25	27°34	1°59	12°28	13°40	3°44	8° 8	21°42	21°21	28°14	n.a.	T 11
W12	10 11 33	4°42'31	21°17	7°45	16°33	28°18	2° 9	12°33	13°43	3°43	8° 9	21°40	21°18	28°20	n.a.	W12
T 13	10 15 30	5°40'36	4♉ 3	8°43	17°40	29° 2	2°19	12°38	13°46	3°41	8° 9	21°39	21°15	28°27	n.a.	T 13
F 14	10 19 26	6°38'40	16°30	9°44	18°47	29°46	2°29	12°44	13°50	3°40	8° 9	21°37	21°12	28°34	n.a.	F 14
S 15	10 23 23	7°36'42	28°42	10°48	19°54	0♓30	2°39	12°49	13°53	3°39	8° 9	21°36	21° 9	28°40	n.a.	S 15
S 16	10 27 19	8°34'41	10♊42	11°55	21° 1	1°14	2°48	12°54	13°57	3°37	8° 9	21°D36	21° 5	28°47	n.a.	S 16
M17	10 31 16	9°32'39	22°35	13° 4	22° 7	1°58	2°58	13° 0	14° 0	3°36	8° 9	21°37	21° 2	28°54	n.a.	M17
T 18	10 35 12	10°30'35	4♋26	14°16	23°13	2°42	3° 7	13° 5	14° 4	3°35	8°10	21°38	20°59	29° 1	n.a.	T 18
W19	10 39 9	11°28'28	16°20	15°30	24°19	3°26	3°16	13°10	14° 7	3°33	8°10	21°39	20°56	29° 7	n.a.	W19
T 20	10 43 5	12°26'20	28°20	16°47	25°25	4°10	3°25	13°15	14°11	3°32	8°10	21°41	20°53	29°14	n.a.	T 20
F 21	10 47 2	13°24'09	10♌31	18° 6	26°31	4°53	3°34	13°20	14°14	3°31	8°11	21°42	20°50	29°21	n.a.	F 21
S 22	10 50 59	14°21'57	22°56	19°27	27°36	5°37	3°43	13°24	14°17	3°30	8°11	21°R42	20°46	29°27	n.a.	S 22
S 23	10 54 55	15°19'43	5♍36	20°50	28°42	6°21	3°52	13°29	14°21	3°29	8°11	21°42	20°43	29°34	n.a.	S 23
M24	10 58 52	16°17'27	18°32	22°16	29°47	7° 4	4° 1	13°34	14°24	3°28	8°12	21°40	20°40	29°41	n.a.	M24
T 25	11 2 48	17°15'10	1♎45	23°44	0♌51	7°48	4° 9	13°38	14°28	3°27	8°12	21°37	20°37	29°47	n.a.	T 25
W26	11 6 45	18°12'51	15°14	25°14	1°56	8°31	4°17	13°43	14°31	3°25	8°13	21°33	20°34	29°54	n.a.	W26
T 27	11 10 41	19°10'31	28°56	26°46	3° 0	9°15	4°26	13°47	14°35	3°24	8°13	21°29	20°30	0♋ 1	n.a.	T 27
F 28	11 14 38	20° 8'10	12♏49	28°20	4° 4	9°58	4°34	13°52	14°38	3°23	8°14	21°25	20°27	0° 7	n.a.	F 28
S 29	11 18 34	21° 5'47	26°50	29°56	5° 8	10°41	4°42	13°56	14°42	3°22	8°14	21°22	20°24	0°14	n.a.	S 29
S 30	11 22 31	22° 3'23	10♐57	1♓35	6°12	11°24	4°49	14° 0	14°45	3°21	8°15	21°20	20°21	0°21	n.a.	S 30
M31	11 26 27	23♓ 0'58	25♐ 8	3♓15	7♉15	12♓ 8	4♑57	14♑ 4	14♓48	3♌20	8♊15	21°D20	20♒18	0♋28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s47	21s58	5s15	20s13	0n 8	2n35	1n 1	15s59	0s59	24s25	0s30	24s13	0s48	7s26	0s43	20n56	1n19	26n 3	4n 0	14s33	14s30	28n 6		n.a.
S 2	13 27	25 40	5 14	20 23	0s 6	3 6	1 5	15 44	0 58	24 25	0 30	24 12	0 48	7 25	0 43	20 56	1 19	26 3	4 0	14 33	14 31	28 6		n.a.
M 3	13 7	27 49	4 53	20 31	0 19	3 37	1 9	15 29	0 58	24 26	0 30	24 12	0 48	7 23	0 43	20 56	1 19	26 3	4 0	14 33	14 32	28 5		n.a.
T 4	12 47	28 9	4 14	20 38	0 32	4 8	1 13	15 14	0 58	24 26	0 30	24 11	0 48	7 22	0 43	20 57	1 19	26 3	4 0	14 33	14 33	28 5		n.a.
W 5	12 26	26 32	3 18	20 42	0 44	4 39	1 17	14 59	0 57	24 26	0 30	24 11	0 48	7 21	0 43	20 57	1 19	26 3	4 0	14 33	14 34	28 5		n.a.
T 6	12 6	23 8	2 9	20 46	0 55	5 10	1 20	14 44	0 57	24 26	0 31	24 11	0 48	7 20	0 43	20 57	1 19	26 3	4 0	14 33	14 35	28 4		n.a.
F 7	11 45	18 17	0 52	20 47	1 6	5 41	1 24	14 28	0 57	24 26	0 31	24 10	0 48	7 18	0 43	20 58	1 19	26 3	4 0	14 33	14 36	28 4		n.a.
S 8	11 24	12 27	0n27	20 47	1 16	6 12	1 28	14 13	0 56	24 26	0 31	24 10	0 49	7 17	0 43	20 58	1 19	26 3	4 0	14 33	14 37	28 3		n.a.
S 9	11 3	6 4	1 44	20 45	1 26	6 42	1 32	13 57	0 56	24 26	0 31	24 9	0 49	7 15	0 43	20 58	1 19	26 3	4 0	14 33	14 38	28 3		n.a.
M10	10 42	0n28	2 52	20 41	1 35	7 12	1 35	13 41	0 56	24 26	0 31	24 9	0 49	7 14	0 43	20 59	1 19	26 3	4 0	14 33	14 39	28 3		n.a.
T 11	10 20	6 48	3 49	20 36	1 43	7 43	1 39	13 25	0 55	24 26	0 31	24 9	0 49	7 13	0 43	20 59	1 19	26 3	4 0	14 34	14 40	28 2		n.a.
W12	9 59	12 40	4 33	20 29	1 51	8 12	1 43	13 10	0 55	24 26	0 32	24 8	0 49	7 11	0 43	20 59	1 19	26 3	4 0	14 34	14 41	28 2		n.a.
T 13	9 37	17 50	5 1	20 20	1 58	8 42	1 46	12 54	0 54	24 26	0 32	24 8	0 49	7 10	0 43	21 0	1 19	26 3	4 0	14 35	14 42	28 1		n.a.
F 14	9 15	22 7	5 15	20 10	2 4	9 12	1 50	12 37	0 54	24 26	0 32	24 7	0 49	7 9	0 43	21 0	1 19	26 3	3 59	14 35	14 43	28 1		n.a.
S 15	8 53	25 22	5 13	19 58	2 10	9 41	1 54	12 21	0 54	24 26	0 32	24 7	0 50	7 7	0 43	21 0	1 19	26 3	3 59	14 35	14 44	28 0		n.a.
S 16	8 31	27 26	4 59	19 44	2 16	10 10	1 57	12 5	0 53	24 26	0 33	24 7	0 50	7 6	0 43	21 1	1 19	26 3	3 59	14 35	14 46	28 0		n.a.
M17	8 9	28 13	4 31	19 28	2 20	10 39	2 1	11 49	0 53	24 26	0 33	24 6	0 50	7 5	0 43	21 1	1 19	26 3	3 59	14 35	14 47	27 59		n.a.
T 18	7 47	27 43	3 52	19 11	2 24	11 7	2 4	11 32	0 53	24 26	0 33	24 6	0 50	7 3	0 43	21 1	1 19	26 3	3 59	14 35	14 48	27 59		n.a.
W19	7 24	25 56	3 3	18 52	2 28	11 35	2 8	11 16	0 52	24 26	0 33	24 6	0 50	7 2	0 43	21 1	1 19	26 3	3 59	14 34	14 49	27 58		n.a.
T 20	7 2	22 57	2 5	18 31	2 30	12 3	2 11	10 59	0 52	24 26	0 33	24 5	0 50	7 1	0 43	21 2	1 18	26 3	3 59	14 34	14 50	27 58		n.a.
F 21	6 39	18 56	1 1	18 8	2 33	12 31	2 15	10 42	0 51	24 26	0 34	24 5	0 50	6 59	0 43	21 2	1 18	26 3	3 59	14 34	14 51	27 57		n.a.
S 22	6 16	14 3	0s 7	17 43	2 34	12 58	2 18	10 26	0 51	24 26	0 34	24 5	0 51	6 58	0 43	21 2	1 18	26 3	3 59	14 33	14 52	27 57		n.a.
S 23	5 54	8 29	1 16	17 17	2 35	13 25	2 21	10 9	0 51	24 26	0 34	24 4	0 51	6 57	0 43	21 3	1 18	26 3	3 59	14 34	14 53	27 56		n.a.
M24	5 31	2 27	2 22	16 49	2 36	13 52	2 24	9 52	0 50	24 26	0 34	24 4	0 51	6 55	0 43	21 3	1 18	26 3	3 59	14 34	14 54	27 56		n.a.
T 25	5 8	3s48	3 22	16 19	2 36	14 18	2 28	9 35	0 50	24 26	0 34	24 4	0 51	6 54	0 43	21 3	1 18	26 3	3 59	14 35	14 55	27 55		n.a.
W26	4 45	9 59	4 12	15 48	2 35	14 44	2 31	9 18	0 49	24 26	0 35	24 3	0 51	6 52	0 43	21 3	1 18	26 3	3 59	14 36	14 56	27 55		n.a.
T 27	4 22	15 48	4 49	15 14	2 33	15 10	2 34	9 1	0 49	24 26	0 35	24 3	0 51	6 51	0 43	21 4	1 18	26 3	3 59	14 38	14 57	27 54		n.a.
F 28	3 59	20 54	5 9	14 39	2 31	15 35	2 37	8 44	0 48	24 26	0 35	24 3	0 52	6 50	0 43	21 4	1 18	26 3	3 59	14 39	14 58	27 54		n.a.
S 29	3 36	24 53	5 11	14 2	2 29	16 0	2 40	8 27	0 48	24 26	0 35	24 2	0 52	6 48	0 43	21 4	1 18	26 3	3 59	14 40	14 59	27 53		n.a.
S 30	3 13	27 24	4 55	13 24	2 26	16 24	2 42	8 10	0 48	24 26	0 36	24 2	0 52	6 47	0 43	21 4	1 18	26 3	3 59	14 41	15 0	27 52		n.a.
M31	2s50	28s10	4s20	12s43	2s22	16n48	2n45	7s52	0s47	24s26	0s36	24s 2	0s52	6s46	0s43	21n 4	1n18	26n 4	3n59	14s41	15s 1	27n52		n.a.

Julian Day Number = 986234.5, Delta T = 13h07m54s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'23, Lahiri = -31°42'22 Julian Calendar 1 March 2013 BCE == Greg. Calendar 13 Feb. 2013 BCE

The year -2012 astronomical counting style corresponds to year 2013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

APRIL 2013 BCE (-2012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 30 24	23♓58'32	9♑21	4♓57	8♉18	12♓51	5♑ 5	14♑ 9	14♓52	3°R20	8♊16	21♒21	20♒15	0♋34	n.a.	T 1
W 2	11 34 21	24°56'05	23°33	6°42	9°21	13°34	5°12	14°13	14°55	3♎19	8°17	21°22	20°11	0°41	n.a.	W 2
T 3	11 38 17	25°53'36	7♒42	8°29	10°23	14°17	5°19	14°16	14°59	3°18	8°17	21°23	20° 8	0°48	n.a.	T 3
F 4	11 42 14	26°51'07	21°47	10°17	11°26	15° 0	5°26	14°20	15° 2	3°17	8°18	21°R24	20° 5	0°54	n.a.	F 4
S 5	11 46 10	27°48'36	5♓43	12° 8	12°27	15°43	5°33	14°24	15° 5	3°16	8°19	21°23	20° 2	1° 1	n.a.	S 5
S 6	11 50 7	28°46'04	19°30	14° 1	13°29	16°26	5°40	14°28	15° 9	3°15	8°19	21°21	19°59	1° 8	n.a.	S 6
M 7	11 54 3	29°43'31	3♈ 2	15°56	14°30	17° 8	5°47	14°31	15°12	3°15	8°20	21°16	19°55	1°14	n.a.	M 7
T 8	11 58 0	0♈40'57	16°19	17°53	15°31	17°51	5°53	14°35	15°16	3°14	8°21	21°10	19°52	1°21	n.a.	T 8
W 9	12 1 56	1°38'21	29°19	19°52	16°32	18°34	5°59	14°38	15°19	3°13	8°22	21° 4	19°49	1°28	n.a.	W 9
T 10	12 5 53	2°35'45	12♉ 1	21°52	17°32	19°16	6° 5	14°41	15°22	3°12	8°22	20°57	19°46	1°34	n.a.	T 10
F 11	12 9 50	3°33'07	24°26	23°55	18°32	19°59	6°12	14°45	15°26	3°12	8°23	20°50	19°43	1°41	n.a.	F 11
S 12	12 13 46	4°30'27	6♊37	25°59	19°32	20°42	6°17	14°48	15°29	3°11	8°24	20°45	19°40	1°48	n.a.	S 12
S 13	12 17 43	5°27'47	18°37	28° 5	20°31	21°24	6°23	14°51	15°32	3°11	8°25	20°42	19°36	1°55	n.a.	S 13
M14	12 21 39	6°25'05	0♋30	0♈12	21°30	22° 6	6°29	14°54	15°36	3°10	8°26	20°40	19°33	2° 1	n.a.	M14
T 15	12 25 36	7°22'22	12°21	2°21	22°28	22°49	6°34	14°57	15°39	3°10	8°27	20°D40	19°30	2° 8	n.a.	T 15
W16	12 29 32	8°19'37	24°15	4°30	23°26	23°31	6°39	14°59	15°42	3° 9	8°28	20°41	19°27	2°15	n.a.	W16
T 17	12 33 29	9°16'51	6♌17	6°41	24°23	24°13	6°44	15° 2	15°45	3° 9	8°29	20°42	19°24	2°21	n.a.	T 17
F 18	12 37 25	10°14'05	18°31	8°52	25°21	24°56	6°49	15° 5	15°48	3° 8	8°30	20°R43	19°21	2°28	n.a.	F 18
S 19	12 41 22	11°11'17	1♍ 3	11° 3	26°17	25°38	6°54	15° 7	15°52	3° 8	8°31	20°43	19°17	2°35	n.a.	S 19
S 20	12 45 19	12° 8'28	13°54	13°15	27°13	26°20	6°58	15°10	15°55	3° 7	8°32	20°40	19°14	2°41	n.a.	S 20
M21	12 49 15	13° 5'38	27° 7	15°26	28° 9	27° 2	7° 3	15°12	15°58	3° 7	8°33	20°36	19°11	2°48	n.a.	M21
T 22	12 53 12	14° 2'47	10♎42	17°37	29° 4	27°44	7° 7	15°14	16° 1	3° 7	8°34	20°29	19° 8	2°55	n.a.	T 22
W23	12 57 8	14°59'55	24°35	19°47	29°59	28°26	7°11	15°16	16° 4	3° 6	8°35	20°21	19° 5	3° 1	n.a.	W23
T 24	13 1 5	15°57'03	8♏45	21°57	0♊53	29° 8	7°15	15°18	16° 7	3° 6	8°36	20°12	19° 1	3° 8	n.a.	T 24
F 25	13 5 1	16°54'10	23° 4	24° 5	1°46	29°50	7°18	15°20	16°10	3° 6	8°37	20° 4	18°58	3°15	n.a.	F 25
S 26	13 8 58	17°51'17	7♐28	26°12	2°39	0♈31	7°22	15°22	16°14	3° 6	8°39	19°57	18°55	3°21	n.a.	S 26
S 27	13 12 54	18°48'24	21°51	28°17	3°31	1°13	7°25	15°24	16°17	3° 6	8°40	19°52	18°52	3°28	n.a.	S 27
M28	13 16 51	19°45'30	6♑10	0♉20	4°23	1°55	7°28	15°25	16°20	3° 6	8°41	19°49	18°49	3°35	n.a.	M28
T 29	13 20 48	20°42'36	20°21	2°22	5°14	2°36	7°31	15°27	16°23	3° 5	8°42	19°D49	18°46	3°42	n.a.	T 29
W30	13 24 44	21♈39'42	4♒23	4♉22	6♊ 4	3♈18	7♑34	15♑28	16♓26	3♎ 5	8♊43	19♒49	18♒42	3♋48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s26	27s 4	3s30	12s 1	2s18	17n12	2n48	7s35	0s47	24s26	0s36	24s 1	0s52	6s44	0s43	21n 5	1n18	26n 4	3n59	14s41	15s 2	27n51		n.a.
W 2	2 3	24 14	2 26	11 17	2 13	17 35	2 51	7 18	0 46	24 26	0 36	24 1	0 52	6 43	0 43	21 5	1 18	26 4	3 59	14 40	15 3	27 51		n.a.
T 3	1 40	19 54	1 14	10 31	2 7	17 58	2 53	7 1	0 46	24 26	0 36	24 1	0 52	6 42	0 43	21 5	1 18	26 4	3 59	14 40	15 4	27 50		n.a.
F 4	1 17	14 30	0n 2	9 44	2 1	18 20	2 56	6 43	0 45	24 26	0 37	24 1	0 53	6 40	0 43	21 5	1 18	26 4	3 59	14 39	15 5	27 49		n.a.
S 5	0 53	8 24	1 17	8 55	1 55	18 42	2 58	6 26	0 45	24 25	0 37	24 0	0 53	6 39	0 43	21 5	1 18	26 4	3 59	14 40	15 6	27 49		n.a.
S 6	0 30	2 0	2 27	8 4	1 48	19 4	3 0	6 9	0 44	24 25	0 37	24 0	0 53	6 38	0 43	21 5	1 18	26 4	3 59	14 41	15 7	27 48		n.a.
M 7	0 7	4n23	3 27	7 12	1 40	19 25	3 2	5 51	0 44	24 25	0 37	24 0	0 53	6 36	0 43	21 6	1 18	26 4	3 59	14 42	15 8	27 47		n.a.
T 8	0n17	10 26	4 14	6 18	1 32	19 45	3 4	5 34	0 43	24 25	0 38	24 0	0 53	6 35	0 43	21 6	1 18	26 4	3 59	14 44	15 9	27 47		n.a.
W 9	0 40	15 55	4 47	5 23	1 24	20 5	3 6	5 16	0 43	24 25	0 38	23 59	0 53	6 34	0 43	21 6	1 18	26 4	3 59	14 46	15 10	27 46		n.a.
T 10	1 3	20 35	5 5	4 26	1 15	20 25	3 8	4 59	0 43	24 25	0 38	23 59	0 54	6 32	0 43	21 6	1 18	26 4	3 59	14 48	15 11	27 45		n.a.
F 11	1 26	24 14	5 8	3 28	1 6	20 44	3 10	4 41	0 42	24 25	0 38	23 59	0 54	6 31	0 43	21 6	1 18	26 5	3 59	14 50	15 12	27 45		n.a.
S 12	1 50	26 44	4 57	2 29	0 56	21 2	3 12	4 24	0 42	24 25	0 39	23 59	0 54	6 30	0 43	21 6	1 18	26 5	3 59	14 52	15 13	27 44		n.a.
S 13	2 13	27 58	4 33	1 29	0 46	21 20	3 13	4 6	0 41	24 25	0 39	23 59	0 54	6 28	0 43	21 6	1 18	26 5	3 59	14 53	15 14	27 43		n.a.
M14	2 36	27 53	3 58	0 28	0 36	21 38	3 15	3 49	0 41	24 25	0 39	23 59	0 54	6 27	0 43	21 6	1 18	26 5	3 59	14 54	15 15	27 43		n.a.
T 15	2 59	26 32	3 12	0n33	0 26	21 55	3 16	3 31	0 40	24 25	0 39	23 58	0 55	6 26	0 43	21 7	1 18	26 5	3 59	14 54	15 16	27 42		n.a.
W16	3 22	23 58	2 18	1 35	0 15	22 11	3 17	3 14	0 40	24 25	0 40	23 58	0 55	6 25	0 43	21 7	1 18	26 5	3 58	14 53	15 17	27 41		n.a.
T 17	3 45	20 20	1 17	2 38	0 5	22 27	3 18	2 56	0 39	24 25	0 40	23 58	0 55	6 23	0 43	21 7	1 18	26 5	3 58	14 53	15 18	27 41		n.a.
F 18	4 8	15 46	0 12	3 40	0n 6	22 42	3 19	2 39	0 39	24 25	0 40	23 58	0 55	6 22	0 43	21 7	1 18	26 5	3 58	14 53	15 19	27 40		n.a.
S 19	4 31	10 28	0s55	4 42	0 16	22 57	3 20	2 21	0 38	24 25	0 40	23 58	0 55	6 21	0 43	21 7	1 18	26 6	3 58	14 53	15 20	27 39		n.a.
S 20	4 54	4 36	2 1	5 44	0 26	23 11	3 20	2 4	0 38	24 25	0 41	23 58	0 55	6 20	0 43	21 7	1 18	26 6	3 58	14 54	15 21	27 38		n.a.
M21	5 16	1s37	3 3	6 46	0 37	23 25	3 21	1 46	0 37	24 25	0 41	23 58	0 56	6 18	0 43	21 7	1 18	26 6	3 58	14 55	15 22	27 38		n.a.
T 22	5 39	7 54	3 55	7 46	0 46	23 38	3 21	1 29	0 37	24 25	0 41	23 58	0 56	6 17	0 43	21 7	1 18	26 6	3 58	14 57	15 23	27 37		n.a.
W23	6 1	13 58	4 35	8 45	0 56	23 50	3 21	1 11	0 36	24 25	0 42	23 58	0 56	6 16	0 43	21 7	1 18	26 6	3 58	15 0	15 24	27 36		n.a.
T 24	6 24	19 24	4 59	9 43	1 5	24 2	3 21	0 54	0 36	24 25	0 42	23 58	0 56	6 15	0 43	21 7	1 18	26 6	3 58	15 3	15 25	27 35		n.a.
F 25	6 46	23 49	5 5	10 40	1 14	24 13	3 21	0 36	0 35	24 25	0 42	23 57	0 56	6 13	0 43	21 7	1 18	26 7	3 58	15 5	15 26	27 34		n.a.
S 26	7 9	26 47	4 51	11 35	1 22	24 24	3 21	0 19	0 34	24 25	0 42	23 57	0 57	6 12	0 43	21 7	1 18	26 7	3 58	15 8	15 27	27 34		n.a.
S 27	7 31	27 59	4 19	12 28	1 29	24 34	3 20	0 1	0 34	24 25	0 43	23 57	0 57	6 11	0 43	21 7	1 18	26 7	3 58	15 9	15 28	27 33		n.a.
M28	7 53	27 18	3 31	13 19	1 36	24 43	3 20	0n16	0 33	24 26	0 43	23 57	0 57	6 10	0 43	21 7	1 17	26 7	3 58	15 10	15 29	27 32		n.a.
T 29	8 15	24 50	2 31	14 8	1 43	24 52	3 19	0 33	0 33	24 26	0 43	23 57	0 57	6 9	0 43	21 7	1 17	26 7	3 58	15 10	15 30	27 31		n.a.
W30	8n37	20s52	1s21	14n56	1n48	25n 0	3n18	0n51	0s32	24s26	0s43	23s57	0s57	6s 8	0s43	21n 7	1n17	26n 8	3n58	15s10	15s31	27n30		n.a.

Julian Day Number = 986265.5, Delta T = 13h07m52s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'19, Lahiri = -31°42'18 Julian Calendar 1 Apr. 2013 BCE == Greg. Calendar 15 March 2013 BCE

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

MAY 2013 BCE (-2012) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 28 41	22♈36'47	18♒16	6♉19	6♊54	4♈ 0	7♑36	15♑30	16♓29	3°D 5	8♊45	19°R50	18♒39	3♋55	n.a.	T 1
F 2	13 32 37	23°33'52	1♓58	8°15	7°43	4°41	7°39	15°31	16°31	3♌ 5	8°46	19♒49	18°36	4° 2	n.a.	F 2
S 3	13 36 34	24°30'58	15°30	10° 8	8°31	5°22	7°41	15°32	16°34	3° 5	8°47	19°46	18°33	4° 8	n.a.	S 3
S 4	13 40 30	25°28'02	28°52	11°59	9°19	6° 4	7°43	15°33	16°37	3° 5	8°48	19°41	18°30	4°15	n.a.	S 4
M 5	13 44 27	26°25'07	12♈ 3	13°48	10° 5	6°45	7°45	15°34	16°40	3° 6	8°50	19°34	18°27	4°22	n.a.	M 5
T 6	13 48 24	27°22'12	25° 1	15°34	10°51	7°26	7°46	15°35	16°43	3° 6	8°51	19°24	18°23	4°28	n.a.	T 6
W 7	13 52 20	28°19'16	7♉46	17°18	11°36	8° 8	7°48	15°36	16°46	3° 6	8°52	19°12	18°20	4°35	n.a.	W 7
T 8	13 56 17	29°16'20	20°17	19° 0	12°20	8°49	7°49	15°36	16°48	3° 6	8°54	19° 0	18°17	4°42	n.a.	T 8
F 9	14 0 13	0♉13'24	2♊36	20°40	13° 4	9°30	7°50	15°37	16°51	3° 6	8°55	18°49	18°14	4°48	n.a.	F 9
S 10	14 4 10	1°10'27	14°42	22°17	13°46	10°11	7°51	15°37	16°54	3° 7	8°57	18°39	18°11	4°55	n.a.	S 10
S 11	14 8 6	2° 7'30	26°39	23°52	14°27	10°52	7°52	15°38	16°57	3° 7	8°58	18°32	18° 7	5° 2	n.a.	S 11
M12	14 12 3	3° 4'33	8♋30	25°25	15° 7	11°33	7°52	15°38	16°59	3° 7	8°59	18°27	18° 4	5° 8	n.a.	M12
T 13	14 16 0	4° 1'36	20°19	26°55	15°46	12°14	7°53	15°38	17° 2	3° 8	9° 1	18°24	18° 1	5°15	n.a.	T 13
W14	14 19 56	4°58'38	2♌12	28°23	16°25	12°55	7°R53	15°R38	17° 4	3° 8	9° 2	18°D24	17°58	5°22	n.a.	W14
T 15	14 23 53	5°55'40	14°12	29°48	17° 1	13°36	7°53	15°38	17° 7	3° 8	9° 4	18°R24	17°55	5°28	n.a.	T 15
F 16	14 27 49	6°52'42	26°27	1♍11	17°37	14°16	7°52	15°38	17° 9	3° 9	9° 5	18°24	17°52	5°35	n.a.	F 16
S 17	14 31 46	7°49'43	9♎ 0	2°31	18°11	14°57	7°52	15°37	17°12	3° 9	9° 7	18°22	17°48	5°42	n.a.	S 17
S 18	14 35 42	8°46'45	21°57	3°49	18°44	15°38	7°51	15°37	17°14	3°10	9° 8	18°19	17°45	5°49	n.a.	S 18
M19	14 39 39	9°43'46	5♏19	5° 5	19°16	16°18	7°50	15°37	17°17	3°10	9°10	18°13	17°42	5°55	n.a.	M19
T 20	14 43 35	10°40'47	19° 7	6°17	19°46	16°59	7°49	15°36	17°19	3°11	9°11	18° 4	17°39	6° 2	n.a.	T 20
W21	14 47 32	11°37'49	3♏20	7°27	20°15	17°39	7°48	15°35	17°21	3°12	9°13	17°54	17°36	6° 9	n.a.	W21
T 22	14 51 29	12°34'50	17°52	8°35	20°42	18°20	7°46	15°35	17°24	3°12	9°14	17°43	17°32	6°15	n.a.	T 22
F 23	14 55 25	13°31'52	2♐37	9°39	21° 8	19° 0	7°45	15°34	17°26	3°13	9°16	17°32	17°29	6°22	n.a.	F 23
S 24	14 59 22	14°28'55	17°26	10°40	21°32	19°41	7°43	15°33	17°28	3°14	9°18	17°23	17°26	6°29	n.a.	S 24
S 25	15 3 18	15°25'58	2♑11	11°39	21°54	20°21	7°41	15°32	17°30	3°14	9°19	17°16	17°23	6°35	n.a.	S 25
M26	15 7 15	16°23'02	16°45	12°34	22°15	21° 1	7°39	15°31	17°33	3°15	9°21	17°12	17°20	6°42	n.a.	M26
T 27	15 11 11	17°20'06	1♒ 5	13°26	22°34	21°41	7°36	15°29	17°35	3°16	9°22	17°10	17°17	6°49	n.a.	T 27
W28	15 15 8	18°17'11	15° 9	14°15	22°51	22°21	7°34	15°28	17°37	3°17	9°24	17°10	17°13	6°55	n.a.	W28
T 29	15 19 5	19°14'17	28°55	15° 0	23° 6	23° 2	7°31	15°27	17°39	3°18	9°26	17°10	17°10	7° 2	n.a.	T 29
F 30	15 23 1	20°11'24	12♓25	15°41	23°19	23°42	7°28	15°25	17°41	3°19	9°27	17° 9	17° 7	7° 9	n.a.	F 30
S 31	15 26 58	21♉ 8'31	25♓41	16♊19	23♊30	24♈22	7♑25	15♑23	17♓43	3♌20	9♊29	17♒ 5	17♒ 4	7♋15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n58	15s48	0s 8	15n41	1n53	25n 8	3n17	1n 8	0s32	24s26	0s44	23s57	0s57	6s 6	0s43	21n 7	1n17	26n 8	3n58	15s10	15s32	27n30		n.a.
F 2	9 20	9 59	1n 4	16 24	1 58	25 15	3 15	1 25	0 31	24 26	0 44	23 57	0 58	6 5	0 43	21 7	1 17	26 8	3 58	15 10	15 33	27 29		n.a.
S 3	9 41	3 48	2 12	17 4	2 2	25 21	3 14	1 43	0 31	24 26	0 44	23 58	0 58	6 4	0 43	21 7	1 17	26 8	3 58	15 11	15 34	27 28		n.a.
S 4	10 3	2n28	3 12	17 43	2 5	25 27	3 12	2 0	0 30	24 26	0 45	23 58	0 58	6 3	0 43	21 7	1 17	26 8	3 58	15 13	15 35	27 27		n.a.
M 5	10 24	8 32	4 0	18 19	2 7	25 33	3 10	2 17	0 30	24 26	0 45	23 58	0 58	6 2	0 43	21 7	1 17	26 9	3 58	15 15	15 36	27 26		n.a.
T 6	10 45	14 8	4 35	18 53	2 9	25 37	3 8	2 34	0 29	24 27	0 45	23 58	0 58	6 1	0 43	21 7	1 17	26 9	3 58	15 18	15 37	27 25		n.a.
W 7	11 6	19 2	4 56	19 25	2 10	25 41	3 5	2 51	0 29	24 27	0 45	23 58	0 59	6 0	0 43	21 7	1 17	26 9	3 58	15 22	15 38	27 24		n.a.
T 8	11 26	23 1	5 2	19 54	2 10	25 45	3 2	3 8	0 28	24 27	0 46	23 58	0 59	5 59	0 44	21 7	1 17	26 9	3 58	15 26	15 39	27 24		n.a.
F 9	11 47	25 53	4 53	20 22	2 10	25 48	2 59	3 25	0 27	24 27	0 46	23 58	0 59	5 58	0 44	21 7	1 17	26 9	3 58	15 29	15 40	27 23		n.a.
S 10	12 7	27 31	4 32	20 47	2 9	25 50	2 56	3 42	0 27	24 27	0 46	23 58	0 59	5 56	0 44	21 7	1 17	26 10	3 58	15 32	15 41	27 22		n.a.
S 11	12 27	27 51	3 58	21 10	2 7	25 52	2 53	3 59	0 26	24 28	0 46	23 58	0 59	5 55	0 44	21 6	1 17	26 10	3 58	15 35	15 42	27 21		n.a.
M12	12 47	26 53	3 15	21 31	2 4	25 53	2 49	4 16	0 26	24 28	0 47	23 59	0 59	5 54	0 44	21 6	1 17	26 10	3 58	15 36	15 43	27 20		n.a.
T 13	13 7	24 43	2 23	21 50	2 2	25 53	2 45	4 33	0 25	24 28	0 47	23 59	1 0	5 53	0 44	21 6	1 17	26 10	3 58	15 37	15 44	27 19		n.a.
W14	13 27	21 27	1 25	22 7	1 58	25 53	2 41	4 49	0 25	24 29	0 47	23 59	1 0	5 52	0 44	21 6	1 17	26 11	3 58	15 37	15 45	27 18		n.a.
T 15	13 46	17 15	0 22	22 22	1 54	25 52	2 36	5 6	0 24	24 29	0 48	23 59	1 0	5 51	0 44	21 6	1 17	26 11	3 58	15 37	15 46	27 17		n.a.
F 16	14 5	12 17	0s43	22 35	1 49	25 51	2 32	5 23	0 23	24 29	0 48	23 59	1 0	5 50	0 44	21 6	1 17	26 11	3 58	15 37	15 47	27 16		n.a.
S 17	14 24	6 43	1 47	22 47	1 43	25 49	2 27	5 39	0 23	24 29	0 48	23 59	1 0	5 49	0 44	21 6	1 17	26 11	3 58	15 38	15 48	27 15		n.a.
S 18	14 43	0 42	2 48	22 56	1 37	25 47	2 21	5 56	0 22	24 30	0 48	24 0	1 1	5 49	0 44	21 5	1 17	26 12	3 58	15 39	15 49	27 14		n.a.
M19	15 1	5s31	3 41	23 4	1 31	25 44	2 15	6 12	0 22	24 30	0 49	24 0	1 1	5 48	0 44	21 5	1 17	26 12	3 58	15 41	15 50	27 13		n.a.
T 20	15 20	11 41	4 23	23 10	1 23	25 41	2 10	6 29	0 21	24 30	0 49	24 0	1 1	5 47	0 44	21 5	1 17	26 12	3 58	15 43	15 51	27 12		n.a.
W21	15 38	17 25	4 51	23 14	1 16	25 36	2 3	6 45	0 20	24 31	0 49	24 0	1 1	5 46	0 44	21 5	1 17	26 12	3 58	15 47	15 52	27 11		n.a.
T 22	15 56	22 18	5 0	23 17	1 7	25 32	1 57	7 1	0 20	24 31	0 50	24 1	1 1	5 45	0 44	21 5	1 17	26 13	3 58	15 50	15 53	27 10		n.a.
F 23	16 13	25 51	4 50	23 19	0 58	25 27	1 50	7 18	0 19	24 32	0 50	24 1	1 2	5 44	0 44	21 5	1 17	26 13	3 59	15 54	15 54	27 9		n.a.
S 24	16 31	27 39	4 21	23 19	0 49	25 21	1 42	7 34	0 19	24 32	0 50	24 1	1 2	5 43	0 44	21 4	1 17	26 13	3 59	15 56	15 55	27 8		n.a.
S 25	16 48	27 28	3 34	23 17	0 39	25 15	1 35	7 50	0 18	24 32	0 50	24 2	1 2	5 42	0 44	21 4	1 17	26 14	3 59	15 58	15 56	27 7		n.a.
M26	17 4	25 23	2 33	23 14	0 29	25 8	1 27	8 6	0 18	24 33	0 51	24 2	1 2	5 41	0 44	21 4	1 17	26 14	3 59	16 0	15 57	27 6		n.a.
T 27	17 21	21 41	1 24	23 10	0 18	25 1	1 18	8 22	0 17	24 33	0 51	24 2	1 2	5 41	0 44	21 4	1 17	26 14	3 59	16 0	15 58	27 5		n.a.
W28	17 37	16 48	0 11	23 5	0 6	24 53	1 10	8 37	0 16	24 34	0 51	24 3	1 2	5 40	0 44	21 4	1 17	26 14	3 59	16 0	15 59	27 4		n.a.
T 29	17 53	11 8	1n 2	22 58	0s 6	24 45	1 1	8 53	0 16	24 34	0 52	24 3	1 3	5 39	0 44	21 3	1 17	26 15	3 59	16 0	16 0	27 3		n.a.
F 30	18 9	5 3	2 9	22 50	0 18	24 36	0 51	9 9	0 15	24 35	0 52	24 3	1 3	5 38	0 44	21 3	1 16	26 15	3 59	16 1	16 1	27 2		n.a.
S 31	18n25	1n 7	3n 8	22n42	0s31	24n27	0n41	9n24	0s14	24s35	0s52	24s 4	1s 3	5s38	0s44	21n 3	1n16	26n15	3n59	16s 2	16s 2	27n 1		n.a.

Julian Day Number = 986295.5, Delta T = 13h07m49s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'15, Lahiri = -31°42'14 Julian Calendar 1 May 2013 BCE == Greg. Calendar 14 Apr. 2013 BCE

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

JUNE 2013 BCE (-2012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 30 54	22♉ 5'39	8♈43	16♊53	23♊39	25♈ 2	7°R22	15°R22	17♓45	3♎20	9♊30	17°R 0	17♒ 1	7♋22	n.a.	S 1
M 2	15 34 51	23° 2'49	21°34	17°22	23°46	25°42	7♑18	15♑20	17°47	3°21	9°32	16♒51	16°58	7°29	n.a.	M 2
T 3	15 38 47	23°59'59	4♉13	17°48	23°51	26°21	7°15	15°18	17°48	3°22	9°34	16°40	16°54	7°35	n.a.	T 3
W 4	15 42 44	24°57'09	16°42	18° 9	23°53	27° 1	7°11	15°16	17°50	3°24	9°35	16°27	16°51	7°42	n.a.	W 4
T 5	15 46 40	25°54'21	29° 0	18°25	23°R54	27°41	7° 7	15°14	17°52	3°25	9°37	16°14	16°48	7°49	n.a.	T 5
F 6	15 50 37	26°51'33	11♊ 8	18°37	23°51	28°21	7° 3	15°12	17°54	3°26	9°39	16° 1	16°45	7°55	n.a.	F 6
S 7	15 54 34	27°48'47	23° 7	18°44	23°47	29° 0	6°58	15° 9	17°55	3°27	9°40	15°50	16°42	8° 2	n.a.	S 7
S 8	15 58 30	28°46'00	5♋ 0	18°R46	23°40	29°40	6°54	15° 7	17°57	3°28	9°42	15°42	16°38	8° 9	n.a.	S 8
M 9	16 2 27	29°43'15	16°48	18°44	23°31	0♉20	6°49	15° 5	17°58	3°29	9°44	15°36	16°35	8°15	n.a.	M 9
T 10	16 6 23	0♊40'30	28°36	18°36	23°20	0°59	6°44	15° 2	18° 0	3°30	9°46	15°32	16°32	8°22	n.a.	T 10
W11	16 10 20	1°37'46	10♌27	18°23	23° 6	1°39	6°39	14°59	18° 1	3°32	9°47	15°D31	16°29	8°29	n.a.	W11
T 12	16 14 16	2°35'03	22°26	18° 5	22°49	2°18	6°34	14°57	18° 3	3°33	9°49	15°31	16°26	8°35	n.a.	T 12
F 13	16 18 13	3°32'20	4♍39	17°42	22°31	2°57	6°29	14°54	18° 4	3°34	9°51	15°R31	16°23	8°42	n.a.	F 13
S 14	16 22 10	4°29'38	17°10	17°15	22°10	3°37	6°23	14°51	18° 6	3°35	9°52	15°31	16°19	8°49	n.a.	S 14
S 15	16 26 6	5°26'57	0♎ 5	16°43	21°47	4°16	6°17	14°48	18° 7	3°37	9°54	15°28	16°16	8°56	n.a.	S 15
M16	16 30 3	6°24'16	13°27	16° 8	21°22	4°55	6°12	14°45	18° 8	3°38	9°56	15°24	16°13	9° 2	n.a.	M16
T 17	16 33 59	7°21'37	27°19	15°29	20°55	5°34	6° 6	14°42	18° 9	3°40	9°58	15°17	16°10	9° 9	n.a.	T 17
W18	16 37 56	8°18'58	11♏39	14°47	20°26	6°13	6° 0	14°39	18°11	3°41	9°59	15° 8	16° 7	9°16	n.a.	W18
T 19	16 41 52	9°16'21	26°23	14° 2	19°56	6°52	5°54	14°35	18°12	3°42	10° 1	14°58	16° 4	9°22	n.a.	T 19
F 20	16 45 49	10°13'45	11♐23	13°16	19°24	7°31	5°47	14°32	18°13	3°44	10° 3	14°49	16° 0	9°29	n.a.	F 20
S 21	16 49 46	11°11'10	26°31	12°30	18°50	8°10	5°41	14°29	18°14	3°45	10° 4	14°41	15°57	9°36	n.a.	S 21
S 22	16 53 42	12° 8'36	11♑36	11°43	18°16	8°49	5°34	14°25	18°15	3°47	10° 6	14°35	15°54	9°42	n.a.	S 22
M23	16 57 39	13° 6'04	26°30	10°58	17°40	9°28	5°28	14°22	18°16	3°49	10° 8	14°31	15°51	9°49	n.a.	M23
T 24	17 1 35	14° 3'34	11♒ 5	10°14	17° 4	10° 7	5°21	14°18	18°17	3°50	10°10	14°D30	15°48	9°56	n.a.	T 24
W25	17 5 32	15° 1'04	25°19	9°33	16°27	10°46	5°14	14°14	18°17	3°52	10°11	14°30	15°44	10° 2	n.a.	W25
T 26	17 9 28	15°58'37	9♓ 9	8°55	15°50	11°25	5° 7	14°11	18°18	3°53	10°13	14°31	15°41	10° 9	n.a.	T 26
F 27	17 13 25	16°56'11	22°38	8°22	15°13	12° 3	5° 0	14° 7	18°19	3°55	10°15	14°R31	15°38	10°16	n.a.	F 27
S 28	17 17 21	17°53'47	5♈47	7°54	14°37	12°42	4°53	14° 3	18°20	3°57	10°16	14°30	15°35	10°22	n.a.	S 28
S 29	17 21 18	18°51'25	18°38	7°31	14° 0	13°21	4°46	13°59	18°20	3°58	10°18	14°26	15°32	10°29	n.a.	S 29
M30	17 25 15	19♊49'04	1♉15	7♊15	13♊25	13♉59	4♑38	13♑55	18♓21	4♎ 0	10♊20	14♒20	15♒29	10♋36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n40	7n 8	3n57	22n32	0s44	24n17	0n31	9n40	0s14	24s35	0s52	24s 4	1s 3	5s37	0s44	21n 3	1n16	26n16	3n59	16s 4	16s 3	27n 0		n.a.
M 2	18 55	12 45	4 32	22 22	0 57	24 7	0 21	9 55	0 13	24 36	0 53	24 5	1 3	5 36	0 44	21 2	1 16	26 16	3 59	16 6	16 4	26 59		n.a.
T 3	19 9	17 46	4 53	22 10	1 11	23 56	0 10	10 11	0 13	24 36	0 53	24 5	1 4	5 35	0 44	21 2	1 16	26 16	3 59	16 10	16 5	26 58		n.a.
W 4	19 24	21 57	5 0	21 58	1 25	23 45	0s 2	10 26	0 12	24 37	0 53	24 5	1 4	5 35	0 44	21 2	1 16	26 16	3 59	16 14	16 6	26 57		n.a.
T 5	19 37	25 6	4 53	21 46	1 39	23 34	0 13	10 41	0 11	24 37	0 54	24 6	1 4	5 34	0 44	21 1	1 16	26 17	3 59	16 18	16 7	26 56		n.a.
F 6	19 51	27 4	4 32	21 32	1 54	23 22	0 25	10 56	0 11	24 38	0 54	24 6	1 4	5 33	0 44	21 1	1 16	26 17	3 59	16 22	16 8	26 55		n.a.
S 7	20 4	27 44	4 0	21 19	2 8	23 9	0 38	11 11	0 10	24 38	0 54	24 7	1 4	5 33	0 44	21 1	1 16	26 17	3 59	16 25	16 9	26 53		n.a.
S 8	20 17	27 7	3 17	21 5	2 22	22 56	0 50	11 26	0 10	24 39	0 54	24 7	1 4	5 32	0 44	21 1	1 16	26 18	3 59	16 27	16 10	26 52		n.a.
M 9	20 30	25 16	2 26	20 50	2 37	22 43	1 3	11 41	0 9	24 39	0 55	24 8	1 5	5 32	0 44	21 0	1 16	26 18	3 59	16 29	16 11	26 51		n.a.
T 10	20 42	22 18	1 29	20 36	2 51	22 29	1 17	11 55	0 8	24 40	0 55	24 8	1 5	5 31	0 44	21 0	1 16	26 18	3 59	16 30	16 12	26 50		n.a.
W11	20 54	18 25	0 27	20 21	3 4	22 15	1 30	12 10	0 8	24 41	0 55	24 8	1 5	5 30	0 44	21 0	1 16	26 19	3 59	16 31	16 13	26 49		n.a.
T 12	21 6	13 44	0s37	20 6	3 18	22 0	1 44	12 24	0 7	24 41	0 55	24 9	1 5	5 30	0 44	20 59	1 16	26 19	3 59	16 31	16 14	26 48		n.a.
F 13	21 17	8 27	1 40	19 51	3 30	21 45	1 58	12 39	0 6	24 42	0 56	24 9	1 5	5 29	0 44	20 59	1 16	26 19	3 59	16 31	16 15	26 47		n.a.
S 14	21 28	2 43	2 40	19 37	3 42	21 30	2 12	12 53	0 6	24 42	0 56	24 10	1 6	5 29	0 45	20 59	1 16	26 20	3 59	16 31	16 16	26 46		n.a.
S 15	21 39	3s17	3 34	19 23	3 53	21 14	2 26	13 7	0 5	24 43	0 56	24 10	1 6	5 28	0 45	20 58	1 16	26 20	3 59	16 31	16 17	26 44		n.a.
M16	21 49	9 21	4 18	19 10	4 3	20 58	2 40	13 21	0 4	24 43	0 56	24 11	1 6	5 28	0 45	20 58	1 16	26 20	4 0	16 33	16 18	26 43		n.a.
T 17	21 59	15 12	4 49	18 57	4 11	20 42	2 55	13 35	0 4	24 44	0 57	24 11	1 6	5 27	0 45	20 58	1 16	26 21	4 0	16 35	16 19	26 42		n.a.
W18	22 8	20 25	5 3	18 45	4 19	20 26	3 9	13 49	0 3	24 44	0 57	24 12	1 6	5 27	0 45	20 57	1 16	26 21	4 0	16 38	16 20	26 41		n.a.
T 19	22 17	24 33	4 57	18 34	4 25	20 10	3 23	14 3	0 2	24 45	0 57	24 13	1 6	5 27	0 45	20 57	1 16	26 21	4 0	16 40	16 21	26 40		n.a.
F 20	22 26	27 5	4 32	18 25	4 29	19 53	3 37	14 16	0 2	24 45	0 57	24 13	1 6	5 26	0 45	20 56	1 16	26 22	4 0	16 43	16 22	26 38		n.a.
S 21	22 35	27 39	3 47	18 16	4 31	19 37	3 51	14 30	0 1	24 46	0 58	24 14	1 7	5 26	0 45	20 56	1 16	26 22	4 0	16 46	16 23	26 37		n.a.
S 22	22 42	26 10	2 46	18 10	4 32	19 20	4 4	14 43	0 1	24 46	0 58	24 14	1 7	5 25	0 45	20 56	1 16	26 22	4 0	16 47	16 24	26 36		n.a.
M23	22 50	22 50	1 35	18 4	4 31	19 4	4 17	14 57	0n 0	24 47	0 58	24 15	1 7	5 25	0 45	20 55	1 16	26 23	4 0	16 48	16 25	26 35		n.a.
T 24	22 57	18 5	0 18	18 1	4 28	18 48	4 30	15 10	0 1	24 47	0 58	24 15	1 7	5 25	0 45	20 55	1 16	26 23	4 0	16 49	16 26	26 33		n.a.
W25	23 4	12 27	0n58	17 59	4 24	18 32	4 43	15 23	0 1	24 48	0 59	24 16	1 7	5 24	0 45	20 54	1 16	26 23	4 0	16 49	16 27	26 32		n.a.
T 26	23 10	6 20	2 8	18 0	4 17	18 16	4 55	15 36	0 2	24 48	0 59	24 16	1 7	5 24	0 45	20 54	1 16	26 24	4 0	16 49	16 28	26 31		n.a.
F 27	23 16	0 5	3 9	18 3	4 10	18 1	5 6	15 48	0 3	24 49	0 59	24 17	1 8	5 24	0 45	20 54	1 16	26 24	4 0	16 49	16 28	26 30		n.a.
S 28	23 22	5n59	3 59	18 7	4 0	17 46	5 17	16 1	0 3	24 49	0 59	24 17	1 8	5 24	0 45	20 53	1 16	26 24	4 0	16 49	16 29	26 28		n.a.
S 29	23 27	11 41	4 36	18 14	3 50	17 32	5 27	16 14	0 4	24 50	1 0	24 18	1 8	5 23	0 45	20 53	1 16	26 25	4 1	16 50	16 30	26 27		n.a.
M30	23n32	16n47	4n58	18n23	3s38	17n18	5s37	16n26	0n 5	24s50	1s 0	24s19	1s 8	5s23	0s45	20n52	1n16	26n25	4n 1	16s52	16s31	26n26		n.a.

Julian Day Number = 986326.5, Delta T = 13h07m47s
Ecliptic obliquity = 23°55'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'10, Lahiri = -31°42'10 Julian Calendar 1 June 2013 BCE == Greg. Calendar 15 May 2013 BCE

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

JULY 2013 BCE (-2012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 29 11	20♊46'45	13♉40	7°R 5	12°R50	14♉38	4°R31	13°R51	18♓21	4♌ 2	10♊22	14°R12	15♒25	10♋42	n.a.	T 1
W 2	17 33 8	21°44'28	25°54	7°D 2	12♊17	15°16	4♑23	13♑47	18°22	4° 3	10°23	14♒ 3	15°22	10°49	n.a.	W 2
T 3	17 37 4	22°42'13	8♊ 0	7♊ 6	11°45	15°54	4°16	13°43	18°22	4° 5	10°25	13°53	15°19	10°56	n.a.	T 3
F 4	17 41 1	23°39'59	19°59	7°18	11°14	16°33	4° 8	13°39	18°23	4° 7	10°27	13°43	15°16	11° 2	n.a.	F 4
S 5	17 44 57	24°37'47	1♋52	7°37	10°45	17°11	4° 0	13°35	18°23	4° 9	10°28	13°35	15°13	11° 9	n.a.	S 5
S 6	17 48 54	25°35'37	13°41	8° 4	10°18	17°49	3°53	13°30	18°23	4°11	10°30	13°29	15°10	11°16	n.a.	S 6
M 7	17 52 50	26°33'28	25°28	8°38	9°53	18°28	3°45	13°26	18°24	4°12	10°32	13°25	15° 6	11°22	n.a.	M 7
T 8	17 56 47	27°31'21	7♌16	9°19	9°29	19° 6	3°37	13°22	18°24	4°14	10°33	13°24	15° 3	11°29	n.a.	T 8
W 9	18 0 44	28°29'15	19° 9	10° 8	9° 8	19°44	3°29	13°17	18°24	4°16	10°35	13°D24	15° 0	11°36	n.a.	W 9
T 10	18 4 40	29°27'10	1♍ 9	11° 4	8°49	20°22	3°22	13°13	18°24	4°18	10°37	13°25	14°57	11°42	n.a.	T 10
F 11	18 8 37	0♋25'08	13°21	12° 6	8°33	21° 0	3°14	13° 9	18°R24	4°20	10°38	13°26	14°54	11°49	n.a.	F 11
S 12	18 12 33	1°23'06	25°51	13°15	8°19	21°38	3° 6	13° 4	18°24	4°22	10°40	13°R27	14°50	11°56	n.a.	S 12
S 13	18 16 30	2°21'06	8♎43	14°30	8° 7	22°16	2°58	13° 0	18°24	4°24	10°41	13°27	14°47	12° 2	n.a.	S 13
M14	18 20 26	3°19'08	22° 0	15°51	7°57	22°53	2°50	12°55	18°24	4°26	10°43	13°25	14°44	12° 9	n.a.	M14
T 15	18 24 23	4°17'12	5♏45	17°18	7°50	23°31	2°42	12°51	18°24	4°28	10°45	13°22	14°41	12°16	n.a.	T 15
W16	18 28 19	5°15'17	20° 0	18°49	7°45	24° 9	2°34	12°46	18°23	4°30	10°46	13°18	14°38	12°22	n.a.	W16
T 17	18 32 16	6°13'23	4♐40	20°24	7°43	24°47	2°26	12°41	18°23	4°32	10°48	13°12	14°35	12°29	n.a.	T 17
F 18	18 36 13	7°11'32	19°41	22° 4	7°D43	25°24	2°18	12°37	18°23	4°34	10°49	13° 7	14°31	12°36	n.a.	F 18
S 19	18 40 9	8° 9'42	4♑55	23°47	7°45	26° 2	2°11	12°32	18°23	4°36	10°51	13° 3	14°28	12°42	n.a.	S 19
S 20	18 44 6	9° 7'54	20°10	25°33	7°50	26°39	2° 3	12°28	18°22	4°38	10°53	12°59	14°25	12°49	n.a.	S 20
M21	18 48 2	10° 6'09	5♒17	27°21	7°56	27°17	1°55	12°23	18°22	4°40	10°54	12°58	14°22	12°56	n.a.	M21
T 22	18 51 59	11° 4'25	20° 7	29°12	8° 5	27°54	1°47	12°18	18°21	4°42	10°56	12°D58	14°19	13° 2	n.a.	T 22
W23	18 55 55	12° 2'43	4♓34	1♋ 4	8°17	28°32	1°40	12°14	18°21	4°44	10°57	12°59	14°16	13° 9	n.a.	W23
T 24	18 59 52	13° 1'04	18°36	2°57	8°30	29° 9	1°32	12° 9	18°20	4°46	10°59	13° 0	14°12	13°16	n.a.	T 24
F 25	19 3 48	13°59'27	2♈11	4°51	8°45	29°46	1°25	12° 5	18°19	4°48	11° 0	13° 2	14° 9	13°22	n.a.	F 25
S 26	19 7 45	14°57'52	15°22	6°46	9° 2	0♊24	1°17	12° 0	18°19	4°50	11° 2	13°R 2	14° 6	13°29	n.a.	S 26
S 27	19 11 42	15°56'20	28°12	8°41	9°22	1° 1	1°10	11°55	18°18	4°53	11° 3	13° 1	14° 3	13°36	n.a.	S 27
M28	19 15 38	16°54'50	10♉43	10°36	9°43	1°38	1° 2	11°51	18°17	4°55	11° 5	13° 0	14° 0	13°42	n.a.	M28
T 29	19 19 35	17°53'22	22°59	12°31	10° 5	2°15	0°55	11°46	18°16	4°57	11° 6	12°57	13°56	13°49	n.a.	T 29
W30	19 23 31	18°51'57	5♊ 5	14°26	10°30	2°52	0°48	11°42	18°15	4°59	11° 7	12°53	13°53	13°56	n.a.	W30
T 31	19 27 28	19♋50'34	17♊ 2	16♋20	10♊56	3♊29	0♑41	11♑37	18♓14	5♌ 1	11♊ 9	12♒49	13♒50	14♋ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n36	21n 6	5n 6	18n34	3s25	17n 5	5s46	16n38	0n 5	24s51	1s 0	24s19	1s 8	5s23	0s45	20n52	1n16	26n25	4n 1	16s54	16s32	26n25			n.a.
W 2	23 40	24 28	4 59	18 48	3 11	16 53	5 54	16 51	0 6	24 51	1 0	24 20	1 8	5 23	0 45	20 51	1 16	26 26	4 1	16 57	16 33	26 23			n.a.
T 3	23 43	26 41	4 39	19 3	2 56	16 41	6 1	17 3	0 7	24 52	1 0	24 20	1 8	5 23	0 45	20 51	1 16	26 26	4 1	17 0	16 34	26 22			n.a.
F 4	23 46	27 39	4 7	19 20	2 41	16 30	6 8	17 15	0 8	24 52	1 1	24 21	1 9	5 23	0 45	20 51	1 16	26 26	4 1	17 3	16 35	26 21			n.a.
S 5	23 49	27 20	3 25	19 38	2 25	16 20	6 14	17 26	0 8	24 53	1 1	24 21	1 9	5 23	0 45	20 50	1 16	26 27	4 1	17 5	16 36	26 19			n.a.
S 6	23 51	25 45	2 33	19 58	2 9	16 11	6 20	17 38	0 9	24 53	1 1	24 22	1 9	5 22	0 45	20 50	1 16	26 27	4 1	17 7	16 37	26 18			n.a.
M 7	23 53	23 2	1 35	20 20	1 53	16 3	6 24	17 49	0 10	24 53	1 1	24 23	1 9	5 22	0 45	20 49	1 16	26 27	4 1	17 8	16 38	26 17			n.a.
T 8	23 54	19 22	0 33	20 42	1 37	15 55	6 28	18 1	0 10	24 54	1 1	24 23	1 9	5 22	0 45	20 49	1 16	26 28	4 1	17 8	16 39	26 16			n.a.
W 9	23 55	14 54	0s31	21 5	1 21	15 49	6 32	18 12	0 11	24 54	1 1	24 24	1 9	5 22	0 45	20 48	1 16	26 28	4 1	17 8	16 40	26 14			n.a.
T 10	23 56	9 49	1 35	21 29	1 5	15 44	6 35	18 23	0 12	24 55	1 2	24 24	1 9	5 22	0 45	20 48	1 16	26 28	4 2	17 8	16 41	26 13			n.a.
F 11	23 56	4 17	2 35	21 53	0 50	15 39	6 37	18 34	0 12	24 55	1 2	24 25	1 9	5 22	0 45	20 47	1 16	26 29	4 2	17 8	16 42	26 11			n.a.
S 12	23 55	1s31	3 30	22 17	0 35	15 35	6 38	18 45	0 13	24 55	1 2	24 25	1 10	5 22	0 46	20 47	1 16	26 29	4 2	17 7	16 43	26 10			n.a.
S 13	23 54	7 25	4 16	22 41	0 20	15 33	6 39	18 56	0 14	24 56	1 2	24 26	1 10	5 22	0 46	20 46	1 16	26 30	4 2	17 7	16 44	26 9			n.a.
M14	23 53	13 12	4 50	23 4	0 6	15 31	6 39	19 6	0 14	24 56	1 2	24 27	1 10	5 23	0 46	20 46	1 16	26 30	4 2	17 8	16 45	26 7			n.a.
T 15	23 51	18 32	5 8	23 26	0n 7	15 30	6 39	19 17	0 15	24 56	1 2	24 27	1 10	5 23	0 46	20 45	1 15	26 30	4 2	17 9	16 46	26 6			n.a.
W16	23 49	23 3	5 9	23 47	0 20	15 30	6 38	19 27	0 16	24 57	1 2	24 28	1 10	5 23	0 46	20 45	1 15	26 31	4 2	17 10	16 47	26 5			n.a.
T 17	23 47	26 15	4 50	24 6	0 32	15 31	6 37	19 37	0 17	24 57	1 3	24 28	1 10	5 23	0 46	20 44	1 15	26 31	4 2	17 12	16 48	26 3			n.a.
F 18	23 44	27 40	4 10	24 24	0 43	15 32	6 35	19 47	0 17	24 57	1 3	24 29	1 10	5 23	0 46	20 44	1 15	26 31	4 2	17 13	16 48	26 2			n.a.
S 19	23 40	27 3	3 13	24 40	0 53	15 35	6 33	19 57	0 18	24 57	1 3	24 29	1 10	5 23	0 46	20 43	1 15	26 32	4 3	17 15	16 49	26 0			n.a.
S 20	23 36	24 23	2 1	24 53	1 3	15 38	6 31	20 6	0 19	24 58	1 3	24 30	1 10	5 23	0 46	20 43	1 15	26 32	4 3	17 15	16 50	25 59			n.a.
M21	23 32	20 1	0 42	25 5	1 11	15 42	6 28	20 16	0 19	24 58	1 3	24 30	1 11	5 24	0 46	20 42	1 15	26 32	4 3	17 16	16 51	25 58			n.a.
T 22	23 27	14 27	0n39	25 14	1 18	15 46	6 25	20 25	0 20	24 58	1 3	24 31	1 11	5 24	0 46	20 42	1 15	26 33	4 3	17 16	16 52	25 56			n.a.
W23	23 22	8 14	1 56	25 20	1 25	15 52	6 21	20 35	0 21	24 58	1 3	24 32	1 11	5 24	0 46	20 41	1 15	26 33	4 3	17 16	16 53	25 55			n.a.
T 24	23 16	1 48	3 3	25 24	1 31	15 57	6 17	20 44	0 22	24 58	1 3	24 32	1 11	5 24	0 46	20 41	1 15	26 33	4 3	17 15	16 54	25 53			n.a.
F 25	23 10	4n31	3 58	25 26	1 36	16 4	6 13	20 53	0 22	24 59	1 3	24 33	1 11	5 25	0 46	20 40	1 15	26 34	4 3	17 15	16 55	25 52			n.a.
S 26	23 4	10 26	4 38	25 25	1 40	16 11	6 9	21 1	0 23	24 59	1 4	24 33	1 11	5 25	0 46	20 40	1 15	26 34	4 3	17 15	16 56	25 50			n.a.
S 27	22 57	15 45	5 4	25 21	1 43	16 18	6 4	21 10	0 24	24 59	1 4	24 34	1 11	5 25	0 46	20 39	1 15	26 34	4 4	17 15	16 57	25 49			n.a.
M28	22 50	20 17	5 14	25 15	1 46	16 26	6 0	21 19	0 25	24 59	1 4	24 34	1 11	5 26	0 46	20 39	1 15	26 35	4 4	17 15	16 58	25 47			n.a.
T 29	22 42	23 52	5 9	25 6	1 47	16 34	5 55	21 27	0 25	24 59	1 4	24 35	1 11	5 26	0 46	20 38	1 15	26 35	4 4	17 16	16 59	25 46			n.a.
W30	22 34	26 21	4 51	24 56	1 49	16 43	5 49	21 35	0 26	24 59	1 4	24 35	1 11	5 26	0 46	20 38	1 15	26 35	4 4	17 17	17 0	25 45			n.a.
T 31	22n26	27n36	4n20	24n43	1n49	16n52	5s44	21n43	0n27	24s59	1s 4	24s36	1s11	5s27	0s46	20n37	1n15	26n36	4n 4	17s18	17s 1	25n43			n.a.

Julian Day Number = 986356.5, Delta T = 13h07m45s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'06, Lahiri = -31°42'06 Julian Calendar 1 July 2013 BCE == Greg. Calendar 14 June 2013 BCE

The year -2012 astronomical counting style corresponds to year 2013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

AUGUST 2013 BCE (-2012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 31 24	20♋49'13	28♊54	18♋13	11♊24	4♊ 6	0°R34	11°R32	18°R13	5♌ 3	11♊10	12°R45	13♒47	14♋ 9	n.a.	F 1
S 2	19 35 21	21°47'55	10♋43	20° 6	11°54	4°43	0♉27	11♉28	18♓12	5° 6	11°12	12♒42	13°44	14°16	n.a.	S 2
S 3	19 39 17	22°46'38	22°31	21°58	12°24	5°19	0°20	11°23	18°11	5° 8	11°13	12°40	13°41	14°22	n.a.	S 3
M 4	19 43 14	23°45'24	4♌21	23°49	12°57	5°56	0°14	11°19	18°10	5°10	11°14	12°39	13°37	14°29	n.a.	M 4
T 5	19 47 10	24°44'12	16°14	25°39	13°30	6°33	0° 7	11°14	18° 9	5°12	11°16	12°D38	13°34	14°36	n.a.	T 5
W 6	19 51 7	25°43'02	28°13	27°29	14° 6	7° 9	0° 1	11°10	18° 8	5°14	11°17	12°39	13°31	14°42	n.a.	W 6
T 7	19 55 4	26°41'54	10♍20	29°17	14°42	7°46	29♐54	11° 6	18° 7	5°17	11°18	12°40	13°28	14°49	n.a.	T 7
F 8	19 59 0	27°40'48	22°39	1♌ 5	15°19	8°22	29°48	11° 1	18° 5	5°19	11°20	12°42	13°25	14°56	n.a.	F 8
S 9	20 2 57	28°39'44	5♎12	2°51	15°58	8°59	29°42	10°57	18° 4	5°21	11°21	12°43	13°22	15° 2	n.a.	S 9
S 10	20 6 53	29°38'42	18° 4	4°37	16°38	9°35	29°36	10°53	18° 3	5°23	11°22	12°44	13°18	15° 9	n.a.	S 10
M11	20 10 50	0♌37'41	1♏17	6°21	17°19	10°12	29°31	10°49	18° 1	5°26	11°23	12°R44	13°15	15°16	n.a.	M11
T 12	20 14 46	1°36'43	14°54	8° 5	18° 1	10°48	29°25	10°44	18° 0	5°28	11°25	12°44	13°12	15°22	n.a.	T 12
W13	20 18 43	2°35'47	28°55	9°48	18°45	11°24	29°20	10°40	17°58	5°30	11°26	12°43	13° 9	15°29	n.a.	W13
T 14	20 22 39	3°34'52	13♐21	11°29	19°29	12° 0	29°14	10°36	17°57	5°32	11°27	12°42	13° 6	15°36	n.a.	T 14
F 15	20 26 36	4°34'00	28° 8	13°10	20°14	12°36	29° 9	10°32	17°55	5°34	11°28	12°41	13° 2	15°42	n.a.	F 15
S 16	20 30 33	5°33'10	13♑10	14°50	21° 0	13°12	29° 4	10°28	17°53	5°37	11°29	12°40	12°59	15°49	n.a.	S 16
S 17	20 34 29	6°32'22	28°18	16°29	21°47	13°48	29° 0	10°24	17°52	5°39	11°30	12°40	12°56	15°56	n.a.	S 17
M18	20 38 26	7°31'36	13♒25	18° 7	22°35	14°24	28°55	10°20	17°50	5°41	11°31	12°D39	12°53	16° 2	n.a.	M18
T 19	20 42 22	8°30'52	28°20	19°45	23°24	15° 0	28°50	10°17	17°48	5°43	11°32	12°40	12°50	16° 9	n.a.	T 19
W20	20 46 19	9°30'10	12♓56	21°21	24°13	15°36	28°46	10°13	17°47	5°46	11°33	12°40	12°47	16°16	n.a.	W20
T 21	20 50 15	10°29'31	27° 8	22°57	25° 3	16°11	28°42	10° 9	17°45	5°48	11°34	12°40	12°43	16°22	n.a.	T 21
F 22	20 54 12	11°28'54	10♈53	24°32	25°54	16°47	28°38	10° 6	17°43	5°50	11°35	12°40	12°40	16°29	n.a.	F 22
S 23	20 58 8	12°28'19	24°11	26° 6	26°46	17°22	28°34	10° 2	17°41	5°52	11°36	12°R40	12°37	16°36	n.a.	S 23
S 24	21 2 5	13°27'48	7♉ 5	27°40	27°39	17°58	28°31	9°59	17°39	5°55	11°37	12°D40	12°34	16°42	n.a.	S 24
M25	21 6 1	14°27'18	19°37	29°12	28°32	18°33	28°28	9°55	17°37	5°57	11°38	12°40	12°31	16°49	n.a.	M25
T 26	21 9 58	15°26'52	1♊52	0♍44	29°26	19° 9	28°24	9°52	17°35	5°59	11°39	12°40	12°28	16°56	n.a.	T 26
W27	21 13 54	16°26'27	13°54	2°15	0♋20	19°44	28°21	9°49	17°33	6° 1	11°40	12°41	12°24	17° 2	n.a.	W27
T 28	21 17 51	17°26'06	25°47	3°46	1°15	20°19	28°19	9°45	17°31	6° 3	11°41	12°41	12°21	17° 9	n.a.	T 28
F 29	21 21 48	18°25'46	7♋36	5°15	2°11	20°54	28°16	9°42	17°29	6° 6	11°42	12°42	12°18	17°16	n.a.	F 29
S 30	21 25 44	19°25'29	19°24	6°44	3° 7	21°29	28°14	9°39	17°27	6° 8	11°43	12°42	12°15	17°22	n.a.	S 30
S 31	21 29 41	20♌25'14	1♌14	8♍12	4♋ 4	22♊ 4	28♐11	9♑36	17♓25	6♌10	11♊43	12♒43	12♒12	17♋29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n17	27n34	3n38	24n27	1n49	17n 1	5s39	21n51	0n28	25s 0	1s 4	24s36	1s11	5s27	0s46	20n36	1n15	26n36	4n 4	17s20	17s 2	25n42		n.a.
S 2	22 7	26 16	2 47	24 10	1 48	17 10	5 33	21 59	0 28	25 0	1 4	24 37	1 12	5 28	0 46	20 36	1 15	26 36	4 4	17 20	17 3	25 40		n.a.
S 3	21 58	23 47	1 49	23 51	1 47	17 20	5 27	22 6	0 29	25 0	1 4	24 37	1 12	5 28	0 46	20 35	1 15	26 37	4 5	17 21	17 3	25 39		n.a.
M 4	21 47	20 18	0 46	23 30	1 45	17 30	5 21	22 14	0 30	25 0	1 4	24 37	1 12	5 29	0 46	20 35	1 15	26 37	4 5	17 21	17 4	25 37		n.a.
T 5	21 37	15 59	0s20	23 8	1 43	17 40	5 15	22 21	0 31	25 0	1 4	24 38	1 12	5 29	0 46	20 34	1 15	26 37	4 5	17 22	17 5	25 35		n.a.
W 6	21 26	11 1	1 25	22 43	1 40	17 50	5 9	22 28	0 31	25 0	1 4	24 38	1 12	5 30	0 46	20 34	1 15	26 38	4 5	17 21	17 6	25 34		n.a.
T 7	21 15	5 35	2 27	22 18	1 37	18 1	5 3	22 35	0 32	25 0	1 4	24 39	1 12	5 30	0 46	20 33	1 15	26 38	4 5	17 21	17 7	25 32		n.a.
F 8	21 3	0s 8	3 24	21 51	1 34	18 11	4 57	22 42	0 33	25 0	1 4	24 39	1 12	5 31	0 46	20 33	1 15	26 38	4 5	17 21	17 8	25 31		n.a.
S 9	20 51	5 57	4 12	21 22	1 30	18 21	4 51	22 48	0 34	25 0	1 4	24 40	1 12	5 31	0 46	20 32	1 15	26 39	4 5	17 20	17 9	25 29		n.a.
S 10	20 38	11 39	4 48	20 53	1 26	18 32	4 44	22 55	0 35	25 0	1 4	24 40	1 12	5 32	0 46	20 32	1 15	26 39	4 6	17 20	17 10	25 28		n.a.
M11	20 26	17 0	5 11	20 22	1 21	18 42	4 38	23 1	0 35	25 0	1 4	24 40	1 12	5 32	0 46	20 31	1 15	26 39	4 6	17 20	17 11	25 26		n.a.
T 12	20 12	21 40	5 17	19 51	1 16	18 52	4 31	23 7	0 36	25 0	1 4	24 41	1 12	5 33	0 46	20 30	1 15	26 40	4 6	17 20	17 12	25 25		n.a.
W13	19 59	25 16	5 5	19 18	1 11	19 3	4 25	23 13	0 37	25 0	1 4	24 41	1 12	5 34	0 46	20 30	1 15	26 40	4 6	17 20	17 13	25 23		n.a.
T 14	19 45	27 23	4 33	18 44	1 6	19 13	4 18	23 19	0 38	25 0	1 4	24 42	1 12	5 34	0 47	20 29	1 15	26 40	4 6	17 21	17 14	25 22		n.a.
F 15	19 31	27 38	3 43	18 10	1 0	19 23	4 11	23 24	0 39	25 0	1 4	24 42	1 12	5 35	0 47	20 29	1 15	26 41	4 6	17 21	17 15	25 20		n.a.
S 16	19 16	25 51	2 37	17 35	0 55	19 33	4 5	23 30	0 39	25 0	1 4	24 42	1 12	5 36	0 47	20 28	1 16	26 41	4 6	17 21	17 15	25 18		n.a.
S 17	19 1	22 12	1 19	16 59	0 49	19 42	3 58	23 35	0 40	25 0	1 4	24 43	1 12	5 36	0 47	20 28	1 16	26 41	4 7	17 21	17 16	25 17		n.a.
M18	18 46	17 4	0n 4	16 23	0 43	19 52	3 51	23 40	0 41	25 0	1 4	24 43	1 12	5 37	0 47	20 27	1 16	26 42	4 7	17 21	17 17	25 15		n.a.
T 19	18 30	10 57	1 26	15 46	0 36	20 1	3 45	23 45	0 42	25 0	1 4	24 43	1 12	5 38	0 47	20 27	1 16	26 42	4 7	17 21	17 18	25 14		n.a.
W20	18 14	4 22	2 40	15 9	0 30	20 10	3 38	23 50	0 43	25 0	1 4	24 44	1 12	5 38	0 47	20 26	1 16	26 42	4 7	17 21	17 19	25 12		n.a.
T 21	17 58	2n14	3 43	14 31	0 24	20 19	3 31	23 55	0 43	25 0	1 4	24 44	1 12	5 39	0 47	20 25	1 16	26 43	4 7	17 21	17 20	25 10		n.a.
F 22	17 41	8 31	4 30	13 53	0 17	20 27	3 25	23 59	0 44	24 59	1 4	24 44	1 12	5 40	0 47	20 25	1 16	26 43	4 7	17 21	17 21	25 9		n.a.
S 23	17 24	14 13	5 1	13 14	0 10	20 35	3 18	24 4	0 45	24 59	1 4	24 45	1 12	5 41	0 47	20 24	1 16	26 43	4 8	17 21	17 22	25 7		n.a.
S 24	17 7	19 7	5 16	12 35	0 3	20 43	3 11	24 8	0 46	24 59	1 4	24 45	1 12	5 41	0 47	20 24	1 16	26 44	4 8	17 21	17 23	25 5		n.a.
M25	16 50	23 3	5 15	11 56	0s 4	20 51	3 4	24 12	0 47	24 59	1 4	24 45	1 12	5 42	0 47	20 23	1 16	26 44	4 8	17 21	17 24	25 4		n.a.
T 26	16 32	25 51	5 0	11 16	0 10	20 58	2 58	24 16	0 48	24 59	1 4	24 45	1 12	5 43	0 47	20 23	1 16	26 44	4 8	17 21	17 25	25 2		n.a.
W27	16 14	27 26	4 32	10 37	0 17	21 4	2 51	24 20	0 48	24 59	1 4	24 46	1 12	5 44	0 47	20 22	1 16	26 44	4 8	17 21	17 26	25 0		n.a.
T 28	15 55	27 44	3 52	9 57	0 25	21 11	2 45	24 23	0 49	24 59	1 4	24 46	1 12	5 45	0 47	20 22	1 16	26 45	4 8	17 21	17 26	24 59		n.a.
F 29	15 37	26 45	3 3	9 17	0 32	21 17	2 38	24 26	0 50	24 59	1 4	24 46	1 12	5 46	0 47	20 21	1 16	26 45	4 9	17 21	17 27	24 57		n.a.
S 30	15 18	24 34	2 6	8 37	0 39	21 22	2 31	24 30	0 51	24 59	1 4	24 46	1 12	5 46	0 47	20 21	1 16	26 45	4 9	17 20	17 28	24 55		n.a.
S 31	14n59	21n19	1n 3	7n57	0s46	21n27	2s25	24n33	0n52	24s59	1s 4	24s47	1s12	5s47	0s47	20n20	1n16	26n46	4n 9	17s20	17s29	24n54		n.a.

Julian Day Number = 986387.5, Delta T = 13h07m43s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°49'02, Lahiri = -31°42'02 Julian Calendar 1 Aug. 2013 BCE == Greg. Calendar 15 July 2013 BCE

The year -2012 astronomical counting style corresponds to year 2013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

SEPTEMBER 2013 BCE (-2012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 33 37	21♌25'02	13♌ 9	9♍40	5♋ 2	22♊39	28°R 9	9°R34	17°R23	6♌12	11♊44	12°R43	12♒ 8	17♋36	n.a.	M 1
T 2	21 37 34	22°24'51	25°11	11° 6	5°59	23°14	28♐ 8	9♑31	17♓21	6°14	11°45	12♒43	12° 5	17°42	n.a.	T 2
W 3	21 41 30	23°24'43	7♍22	12°32	6°58	23°49	28° 6	9°28	17°18	6°17	11°46	12°42	12° 2	17°49	n.a.	W 3
T 4	21 45 27	24°24'37	19°44	13°57	7°57	24°24	28° 5	9°25	17°16	6°19	11°46	12°41	11°59	17°56	n.a.	T 4
F 5	21 49 23	25°24'32	2♎17	15°21	8°56	24°58	28° 3	9°23	17°14	6°21	11°47	12°39	11°56	18° 2	n.a.	F 5
S 6	21 53 20	26°24'30	15° 3	16°44	9°56	25°33	28° 2	9°21	17°12	6°23	11°48	12°37	11°53	18° 9	n.a.	S 6
S 7	21 57 16	27°24'30	28° 4	18° 6	10°56	26° 7	28° 2	9°18	17° 9	6°25	11°48	12°35	11°49	18°16	n.a.	S 7
M 8	22 1 13	28°24'31	11♏21	19°28	11°57	26°41	28° 1	9°16	17° 7	6°27	11°49	12°34	11°46	18°22	n.a.	M 8
T 9	22 5 10	29°24'35	24°55	20°48	12°58	27°16	28° 1	9°14	17° 5	6°29	11°49	12°D33	11°43	18°29	n.a.	T 9
W10	22 9 6	0♍24'40	8♐47	22° 7	13°59	27°50	28°D 0	9°12	17° 2	6°31	11°50	12°33	11°40	18°36	n.a.	W10
T 11	22 13 3	1°24'47	22°56	23°25	15° 1	28°24	28° 0	9°10	17° 0	6°33	11°50	12°34	11°37	18°42	n.a.	T 11
F 12	22 16 59	2°24'55	7♑21	24°41	16° 3	28°58	28° 1	9° 8	16°58	6°36	11°51	12°35	11°33	18°49	n.a.	F 12
S 13	22 20 56	3°25'06	22° 0	25°57	17° 6	29°32	28° 1	9° 6	16°55	6°38	11°51	12°37	11°30	18°55	n.a.	S 13
S 14	22 24 52	4°25'18	6♒47	27°10	18° 9	0♋ 6	28° 2	9° 5	16°53	6°40	11°52	12°R37	11°27	19° 2	n.a.	S 14
M15	22 28 49	5°25'32	21°36	28°22	19°12	0°39	28° 2	9° 3	16°50	6°42	11°52	12°37	11°24	19° 9	n.a.	M15
T 16	22 32 45	6°25'48	6♓20	29°32	20°16	1°13	28° 3	9° 2	16°48	6°44	11°53	12°36	11°21	19°15	n.a.	T 16
W17	22 36 42	7°26'05	20°51	0♎40	21°20	1°46	28° 5	9° 0	16°45	6°46	11°53	12°33	11°18	19°22	n.a.	W17
T 18	22 40 39	8°26'25	5♈ 4	1°45	22°24	2°20	28° 6	8°59	16°43	6°48	11°53	12°30	11°14	19°29	n.a.	T 18
F 19	22 44 35	9°26'46	18°53	2°48	23°29	2°53	28° 8	8°58	16°41	6°50	11°54	12°26	11°11	19°35	n.a.	F 19
S 20	22 48 32	10°27'10	2♉17	3°48	24°34	3°27	28°10	8°57	16°38	6°52	11°54	12°22	11° 8	19°42	n.a.	S 20
S 21	22 52 28	11°27'36	15°17	4°45	25°39	4° 0	28°12	8°56	16°36	6°53	11°54	12°18	11° 5	19°49	n.a.	S 21
M22	22 56 25	12°28'04	27°53	5°38	26°45	4°33	28°14	8°55	16°33	6°55	11°54	12°16	11° 2	19°55	n.a.	M22
T 23	23 0 21	13°28'34	10♊10	6°28	27°51	5° 6	28°16	8°55	16°31	6°57	11°55	12°D14	10°59	20° 2	n.a.	T 23
W24	23 4 18	14°29'07	22°12	7°12	28°57	5°39	28°19	8°54	16°28	6°59	11°55	12°15	10°55	20° 9	n.a.	W24
T 25	23 8 14	15°29'41	4♋ 5	7°52	0♌ 3	6°11	28°22	8°53	16°26	7° 1	11°55	12°16	10°52	20°15	n.a.	T 25
F 26	23 12 11	16°30'17	15°53	8°26	1°10	6°44	28°25	8°53	16°23	7° 3	11°55	12°18	10°49	20°22	n.a.	F 26
S 27	23 16 7	17°30'55	27°41	8°54	2°17	7°16	28°28	8°53	16°21	7° 5	11°55	12°20	10°46	20°29	n.a.	S 27
S 28	23 20 4	18°31'35	9♌34	9°15	3°24	7°49	28°31	8°53	16°18	7° 6	11°55	12°R20	10°43	20°35	n.a.	S 28
M29	23 24 1	19°32'17	21°36	9°28	4°31	8°21	28°35	8°D52	16°16	7° 8	11°55	12°20	10°39	20°42	n.a.	M29
T 30	23 27 57	20♍33'01	3♍48	9°R33	5♌39	8♋53	28♐39	8♑52	16♓13	7♌10	11°R55	12♒18	10♒36	20♋49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
M 1	14n39	17n10	0s 2	7n17	0s53	21n31	2s18	24n36	0n53	24s59	1s 4	24s47	1s12	5s48	0s47	20n19	1n16	26n46	4n 9	17s20	17s30	24n52		n.a.		M 1
T 2	14 19	12 19	1 9	6 38	1 0	21 36	2 12	24 39	0 54	24 59	1 4	24 47	1 12	5 49	0 47	20 19	1 16	26 46	4 9	17 20	17 31	24 50		n.a.		T 2
W 3	13 59	6 56	2 13	5 58	1 7	21 39	2 6	24 41	0 55	24 58	1 4	24 47	1 12	5 50	0 47	20 18	1 16	26 46	4 10	17 20	17 32	24 49		n.a.		W 3
T 4	13 39	1 14	3 11	5 18	1 14	21 42	1 59	24 44	0 55	24 58	1 4	24 47	1 12	5 51	0 47	20 18	1 16	26 47	4 10	17 21	17 33	24 47		n.a.		T 4
F 5	13 19	4s36	4 1	4 39	1 21	21 45	1 53	24 46	0 56	24 58	1 4	24 47	1 12	5 52	0 47	20 17	1 16	26 47	4 10	17 21	17 34	24 45		n.a.		F 5
S 6	12 58	10 20	4 41	4 0	1 28	21 47	1 47	24 48	0 57	24 58	1 4	24 48	1 12	5 53	0 47	20 17	1 16	26 47	4 10	17 22	17 35	24 43		n.a.		S 6
S 7	12 37	15 45	5 6	3 21	1 35	21 48	1 40	24 50	0 58	24 58	1 3	24 48	1 12	5 53	0 47	20 16	1 16	26 48	4 10	17 22	17 36	24 42		n.a.		S 7
M 8	12 16	20 32	5 16	2 42	1 41	21 49	1 34	24 52	0 59	24 58	1 3	24 48	1 12	5 54	0 47	20 16	1 16	26 48	4 10	17 23	17 36	24 40		n.a.		M 8
T 9	11 55	24 22	5 9	2 4	1 48	21 49	1 28	24 54	1 0	24 58	1 3	24 48	1 12	5 55	0 47	20 15	1 16	26 48	4 11	17 23	17 37	24 38		n.a.		T 9
W10	11 33	26 53	4 44	1 27	1 54	21 49	1 22	24 55	1 1	24 58	1 3	24 48	1 12	5 56	0 47	20 15	1 16	26 48	4 11	17 23	17 38	24 36		n.a.		W10
T 11	11 11	27 45	4 1	0 50	2 0	21 48	1 16	24 57	1 2	24 58	1 3	24 48	1 12	5 57	0 47	20 14	1 16	26 49	4 11	17 23	17 39	24 35		n.a.		T 11
F 12	10 49	26 45	3 3	0 14	2 6	21 47	1 10	24 58	1 3	24 58	1 3	24 48	1 12	5 58	0 47	20 14	1 16	26 49	4 11	17 22	17 40	24 33		n.a.		F 12
S 13	10 27	23 55	1 51	0s22	2 12	21 45	1 4	24 59	1 4	24 58	1 3	24 49	1 12	5 59	0 47	20 13	1 16	26 49	4 11	17 22	17 41	24 31		n.a.		S 13
S 14	10 5	19 29	0 32	0 57	2 18	21 42	0 58	25 0	1 5	24 58	1 3	24 49	1 12	6 0	0 47	20 13	1 16	26 49	4 12	17 22	17 42	24 29		n.a.		S 14
M15	9 43	13 49	0n49	1 31	2 23	21 39	0 53	25 1	1 6	24 58	1 3	24 49	1 12	6 1	0 47	20 12	1 16	26 50	4 12	17 22	17 43	24 28		n.a.		M15
T 16	9 20	7 25	2 7	2 4	2 28	21 35	0 47	25 2	1 6	24 58	1 3	24 49	1 12	6 2	0 47	20 12	1 16	26 50	4 12	17 22	17 44	24 26		n.a.		T 16
W17	8 57	0 43	3 15	2 36	2 33	21 31	0 41	25 2	1 7	24 57	1 3	24 49	1 12	6 3	0 47	20 11	1 16	26 50	4 12	17 23	17 45	24 24		n.a.		W17
T 18	8 34	5n51	4 10	3 6	2 37	21 26	0 36	25 3	1 8	24 57	1 3	24 49	1 12	6 4	0 47	20 11	1 16	26 50	4 12	17 24	17 45	24 22		n.a.		T 18
F 19	8 11	11 58	4 48	3 35	2 41	21 20	0 30	25 3	1 9	24 57	1 3	24 49	1 12	6 5	0 47	20 10	1 16	26 50	4 12	17 25	17 46	24 20		n.a.		F 19
S 20	7 48	17 19	5 9	4 2	2 44	21 14	0 25	25 3	1 10	24 57	1 2	24 49	1 12	6 6	0 47	20 10	1 16	26 51	4 13	17 26	17 47	24 19		n.a.		S 20
S 21	7 25	21 43	5 13	4 28	2 47	21 7	0 20	25 3	1 11	24 57	1 2	24 49	1 12	6 7	0 47	20 9	1 16	26 51	4 13	17 27	17 48	24 17		n.a.		S 21
M22	7 1	24 59	5 2	4 52	2 49	21 0	0 15	25 3	1 12	24 57	1 2	24 49	1 12	6 8	0 47	20 9	1 16	26 51	4 13	17 28	17 49	24 15		n.a.		M22
T 23	6 37	27 0	4 37	5 13	2 51	20 52	0 9	25 3	1 13	24 57	1 2	24 49	1 12	6 9	0 47	20 8	1 16	26 51	4 13	17 28	17 50	24 13		n.a.		T 23
W24	6 14	27 42	4 1	5 32	2 51	20 43	0 4	25 3	1 14	24 57	1 2	24 49	1 12	6 10	0 47	20 8	1 16	26 52	4 13	17 28	17 51	24 11		n.a.		W24
T 25	5 50	27 6	3 14	5 48	2 51	20 34	0n 1	25 2	1 15	24 57	1 2	24 49	1 12	6 11	0 47	20 8	1 16	26 52	4 14	17 28	17 52	24 10		n.a.		T 25
F 26	5 26	25 16	2 20	6 1	2 50	20 24	0 5	25 1	1 16	24 57	1 2	24 49	1 12	6 12	0 47	20 7	1 17	26 52	4 14	17 27	17 53	24 8		n.a.		F 26
S 27	5 2	22 20	1 19	6 10	2 48	20 13	0 10	25 1	1 17	24 57	1 2	24 49	1 12	6 13	0 47	20 7	1 17	26 52	4 14	17 27	17 53	24 6		n.a.		S 27
S 28	4 38	18 28	0 15	6 16	2 45	20 2	0 15	25 0	1 18	24 57	1 2	24 49	1 12	6 14	0 47	20 6	1 17	26 52	4 14	17 27	17 54	24 4		n.a.		S 28
M29	4 13	13 48	0s50	6 17	2 41	19 50	0 19	24 59	1 20	24 57	1 2	24 49	1 12	6 15	0 47	20 6	1 17	26 53	4 14	17 27	17 55	24 2		n.a.		M29
T 30	3n49	8n33	1s54	6s13	2s35	19n38	0n24	24n58	1n21	24s57	1s 2	24s49	1s12	6s16	0s47	20n 5	1n17	26n53	4n14	17s27	17s56	24n 0		n.a.		T 30

Julian Day Number = 986418.5, Delta T = 13h07m41s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'58, Lahiri = -31°41'57 Julian Calendar 1 Sept. 2013 BCE == Greg. Calendar 15 Aug. 2013 BCE

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

OCTOBER 2013 BCE (-2012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 31 54	21♍33'46	16♍14	9°R29	6♌47	9♋25	28♐43	8♑53	16°R11	7♘12	11°R55	12°R14	10♒33	20♋55	n.a.	W 1
T 2	23 35 50	22°34'33	28°54	9♎15	7°55	9°57	28°47	8°53	16♓ 8	7°13	11♊55	12♒ 8	10°30	21° 2	n.a.	T 2
F 3	23 39 47	23°35'21	11♎49	8°51	9° 3	10°29	28°51	8°53	16° 6	7°15	11°55	12° 0	10°27	21° 9	n.a.	F 3
S 4	23 43 43	24°36'11	24°58	8°16	10°11	11° 1	28°56	8°54	16° 3	7°17	11°55	11°53	10°24	21°15	n.a.	S 4
S 5	23 47 40	25°37'02	8♏19	7°31	11°20	11°32	29° 0	8°54	16° 1	7°18	11°55	11°45	10°20	21°22	n.a.	S 5
M 6	23 51 36	26°37'55	21°51	6°36	12°29	12° 4	29° 5	8°55	15°58	7°20	11°55	11°39	10°17	21°29	n.a.	M 6
T 7	23 55 33	27°38'49	5♐34	5°32	13°38	12°35	29°10	8°56	15°56	7°22	11°54	11°35	10°14	21°35	n.a.	T 7
W 8	23 59 30	28°39'43	19°26	4°20	14°47	13° 6	29°16	8°57	15°54	7°23	11°54	11°32	10°11	21°42	n.a.	W 8
T 9	0 3 26	29°40'39	3♑27	3° 2	15°56	13°37	29°21	8°58	15°51	7°25	11°54	11°D32	10° 8	21°49	n.a.	T 9
F 10	0 7 23	0♎41'36	17°36	1°41	17° 6	14° 8	29°27	8°59	15°49	7°26	11°54	11°33	10° 5	21°55	n.a.	F 10
S 11	0 11 19	1°42'34	1♒51	0°19	18°16	14°39	29°33	9° 0	15°46	7°28	11°53	11°34	10° 1	22° 2	n.a.	S 11
S 12	0 15 16	2°43'33	16°11	28♍59	19°25	15° 9	29°39	9° 1	15°44	7°29	11°53	11°R34	9°58	22° 8	n.a.	S 12
M13	0 19 12	3°44'33	0♓33	27°44	20°35	15°40	29°45	9° 3	15°42	7°31	11°53	11°33	9°55	22°15	n.a.	M13
T 14	0 23 9	4°45'34	14°52	26°35	21°46	16°10	29°51	9° 4	15°39	7°32	11°52	11°29	9°52	22°22	n.a.	T 14
W15	0 27 5	5°46'36	29° 4	25°35	22°56	16°40	29°58	9° 6	15°37	7°33	11°52	11°22	9°49	22°28	n.a.	W15
T 16	0 31 2	6°47'39	13♈ 3	24°46	24° 6	17°10	0♑ 4	9° 8	15°35	7°35	11°52	11°13	9°45	22°35	n.a.	T 16
F 17	0 34 59	7°48'43	26°44	24° 8	25°17	17°40	0°11	9° 9	15°33	7°36	11°51	11° 3	9°42	22°42	n.a.	F 17
S 18	0 38 55	8°49'48	10♉ 5	23°41	26°28	18° 9	0°18	9°11	15°30	7°37	11°51	10°53	9°39	22°48	n.a.	S 18
S 19	0 42 52	9°50'54	23° 4	23°26	27°39	18°39	0°25	9°13	15°28	7°39	11°50	10°44	9°36	22°55	n.a.	S 19
M20	0 46 48	10°52'02	5♊42	23°D22	28°50	19° 8	0°32	9°16	15°26	7°40	11°50	10°36	9°33	23° 2	n.a.	M20
T 21	0 50 45	11°53'11	18° 1	23°29	0♍ 1	19°37	0°40	9°18	15°24	7°41	11°49	10°30	9°30	23° 8	n.a.	T 21
W22	0 54 41	12°54'21	0♋ 5	23°45	1°12	20° 6	0°47	9°20	15°22	7°42	11°49	10°27	9°26	23°15	n.a.	W22
T 23	0 58 38	13°55'32	11°58	24°10	2°24	20°35	0°55	9°23	15°19	7°43	11°48	10°D26	9°23	23°22	n.a.	T 23
F 24	1 2 34	14°56'45	23°46	24°43	3°35	21° 4	1° 3	9°25	15°17	7°45	11°47	10°26	9°20	23°28	n.a.	F 24
S 25	1 6 31	15°57'58	5♌34	25°23	4°47	21°32	1°11	9°28	15°15	7°46	11°47	10°R27	9°17	23°35	n.a.	S 25
S 26	1 10 28	16°59'12	17°29	26° 9	5°59	22° 0	1°19	9°31	15°13	7°47	11°46	10°27	9°14	23°42	n.a.	S 26
M27	1 14 24	18° 0'27	29°34	27° 1	7°11	22°28	1°28	9°34	15°11	7°48	11°45	10°25	9°10	23°48	n.a.	M27
T 28	1 18 21	19° 1'43	11♍54	27°58	8°23	22°56	1°36	9°36	15° 9	7°49	11°45	10°21	9° 7	23°55	n.a.	T 28
W29	1 22 17	20° 3'00	24°32	29° 0	9°35	23°24	1°45	9°40	15° 7	7°50	11°44	10°13	9° 4	24° 2	n.a.	W29
T 30	1 26 14	21° 4'18	7♎29	0♎ 5	10°47	23°51	1°54	9°43	15° 6	7°51	11°43	10° 4	9° 1	24° 8	n.a.	T 30
F 31	1 30 10	22♎ 5'36	20♎46	1♏13	11♍59	24♋18	2♑ 2	9♑46	15♓ 4	7♘52	11♊42	9♒52	8♒58	24♋15	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	3n25	2n53	2s54	6s 5	2s28	19n25	0n28	24n57	1n22	24s57	1s 1	24s49	1s12	6s17	0s47	20n 5	1n17	26n53	4n15	17s29	17s57	23n58			n.a.
T 2	3 0	3s 0	3 46	5 51	2 19	19 11	0 33	24 55	1 23	24 57	1 1	24 49	1 12	6 18	0 47	20 5	1 17	26 53	4 15	17 30	17 58	23 56			n.a.
F 3	2 36	8 51	4 27	5 32	2 8	18 57	0 37	24 54	1 24	24 57	1 1	24 49	1 12	6 19	0 47	20 4	1 17	26 53	4 15	17 32	17 59	23 55			n.a.
S 4	2 11	14 25	4 55	5 6	1 56	18 42	0 41	24 52	1 25	24 57	1 1	24 49	1 12	6 20	0 47	20 4	1 17	26 53	4 15	17 35	18 0	23 53			n.a.
S 5	1 47	19 24	5 8	4 35	1 41	18 27	0 45	24 51	1 26	24 57	1 1	24 49	1 12	6 21	0 47	20 3	1 17	26 54	4 15	17 37	18 0	23 51			n.a.
M 6	1 22	23 29	5 4	3 58	1 25	18 11	0 49	24 49	1 27	24 56	1 1	24 49	1 11	6 22	0 47	20 3	1 17	26 54	4 16	17 38	18 1	23 49			n.a.
T 7	0 57	26 18	4 42	3 16	1 8	17 55	0 53	24 47	1 28	24 56	1 1	24 48	1 11	6 23	0 47	20 3	1 17	26 54	4 16	17 40	18 2	23 47			n.a.
W 8	0 33	27 33	4 4	2 30	0 49	17 38	0 57	24 45	1 29	24 56	1 1	24 48	1 11	6 23	0 47	20 2	1 17	26 54	4 16	17 40	18 3	23 45			n.a.
T 9	0 8	27 4	3 11	1 40	0 29	17 20	1 0	24 43	1 30	24 56	1 1	24 48	1 11	6 24	0 47	20 2	1 17	26 54	4 16	17 40	18 4	23 43			n.a.
F 10	0s17	24 49	2 6	0 49	0 8	17 2	1 4	24 41	1 32	24 56	1 1	24 48	1 11	6 25	0 47	20 2	1 17	26 54	4 16	17 40	18 5	23 41			n.a.
S 11	0 42	21 0	0 52	0n 4	0n12	16 44	1 7	24 38	1 33	24 56	1 1	24 48	1 11	6 26	0 47	20 1	1 17	26 54	4 17	17 40	18 6	23 39			n.a.
S 12	1 6	15 55	0n25	0 55	0 33	16 24	1 10	24 36	1 34	24 56	1 1	24 48	1 11	6 27	0 47	20 1	1 17	26 55	4 17	17 40	18 7	23 37			n.a.
M13	1 31	9 57	1 40	1 43	0 52	16 5	1 14	24 34	1 35	24 56	1 0	24 48	1 11	6 28	0 47	20 1	1 17	26 55	4 17	17 40	18 7	23 35			n.a.
T 14	1 56	3 29	2 49	2 27	1 10	15 45	1 17	24 31	1 36	24 56	1 0	24 48	1 11	6 29	0 47	20 0	1 17	26 55	4 17	17 41	18 8	23 33			n.a.
W15	2 20	3n 4	3 46	3 7	1 27	15 24	1 20	24 29	1 38	24 56	1 0	24 47	1 11	6 30	0 47	20 0	1 17	26 55	4 17	17 43	18 9	23 32			n.a.
T 16	2 45	9 22	4 29	3 40	1 42	15 3	1 23	24 26	1 39	24 56	1 0	24 47	1 11	6 31	0 47	20 0	1 17	26 55	4 17	17 46	18 10	23 30			n.a.
F 17	3 10	15 5	4 55	4 7	1 55	14 42	1 25	24 23	1 40	24 56	1 0	24 47	1 11	6 32	0 47	19 59	1 17	26 55	4 18	17 48	18 11	23 28			n.a.
S 18	3 34	19 56	5 5	4 28	2 6	14 19	1 28	24 20	1 41	24 56	1 0	24 47	1 11	6 33	0 47	19 59	1 17	26 55	4 18	17 51	18 12	23 26			n.a.
S 19	3 59	23 43	4 58	4 43	2 15	13 57	1 31	24 17	1 42	24 56	1 0	24 47	1 11	6 33	0 47	19 59	1 18	26 55	4 18	17 54	18 13	23 24			n.a.
M20	4 23	26 13	4 36	4 51	2 22	13 34	1 33	24 14	1 44	24 55	1 0	24 46	1 11	6 34	0 47	19 58	1 18	26 56	4 18	17 56	18 13	23 22			n.a.
T 21	4 48	27 24	4 2	4 53	2 27	13 11	1 36	24 11	1 45	24 55	1 0	24 46	1 11	6 35	0 47	19 58	1 18	26 56	4 18	17 58	18 14	23 20			n.a.
W22	5 12	27 14	3 18	4 50	2 31	12 47	1 38	24 8	1 46	24 55	1 0	24 46	1 11	6 36	0 47	19 58	1 18	26 56	4 18	17 59	18 15	23 18			n.a.
T 23	5 36	25 48	2 26	4 42	2 33	12 23	1 40	24 5	1 47	24 55	1 0	24 46	1 11	6 37	0 47	19 58	1 18	26 56	4 19	17 59	18 16	23 16			n.a.
F 24	6 0	23 14	1 28	4 30	2 34	11 58	1 42	24 2	1 49	24 55	1 0	24 46	1 11	6 37	0 47	19 57	1 18	26 56	4 19	17 59	18 17	23 14			n.a.
S 25	6 24	19 41	0 26	4 13	2 34	11 33	1 44	23 58	1 50	24 55	0 59	24 45	1 11	6 38	0 47	19 57	1 18	26 56	4 19	17 59	18 18	23 12			n.a.
S 26	6 48	15 19	0s37	3 54	2 33	11 8	1 46	23 55	1 51	24 55	0 59	24 45	1 11	6 39	0 47	19 57	1 18	26 56	4 19	17 59	18 19	23 10			n.a.
M27	7 12	10 18	1 40	3 31	2 31	10 43	1 48	23 52	1 53	24 54	0 59	24 45	1 11	6 40	0 47	19 57	1 18	26 56	4 19	17 59	18 20	23 8			n.a.
T 28	7 36	4 48	2 39	3 5	2 28	10 17	1 49	23 48	1 54	24 54	0 59	24 45	1 10	6 41	0 46	19 57	1 18	26 56	4 20	18 0	18 20	23 6			n.a.
W29	8 0	1s 1	3 32	2 37	2 25	9 50	1 51	23 45	1 55	24 54	0 59	24 44	1 10	6 41	0 46	19 56	1 18	26 56	4 20	18 2	18 21	23 4			n.a.
T 30	8 23	6 55	4 15	2 7	2 21	9 24	1 52	23 41	1 57	24 54	0 59	24 44	1 10	6 42	0 46	19 56	1 18	26 56	4 20	18 5	18 22	23 2			n.a.
F 31	8s46	12s39	4s45	1n35	2n16	8n57	1n53	23n38	1n58	24s54	0s59	24s44	1s10	6s43	0s46	19n56	1n18	26n56	4n20	18s 8	18s23	23n 0			n.a.

Julian Day Number = 986448.5, Delta T = 13h07m39s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'54, Lahiri = -31°41'53 Julian Calendar 1 Oct. 2013 BCE == Greg. Calendar 14 Sept. 2013 BCE

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

NOVEMBER 2013 BCE (-2012) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 34 7	23♎ 6'55	4♏20	2♎24	13♍11	24♋45	2♑11	9♑49	15°R 2	7♌52	11°R41	9°R39	8♒55	24♋21	n.a.	S 1
S 2	1 38 4	24° 8'14	18° 9	3°37	14°24	25°12	2°21	9°53	15♓ 0	7°53	11♊41	9♒27	8°51	24°28	n.a.	S 2
M 3	1 42 0	25° 9'33	2♐ 7	4°53	15°36	25°38	2°30	9°56	14°58	7°54	11°40	9°16	8°48	24°35	n.a.	M 3
T 4	1 45 57	26°10'53	16°12	6°11	16°49	26° 5	2°39	10° 0	14°57	7°55	11°39	9° 8	8°45	24°41	n.a.	T 4
W 5	1 49 53	27°12'13	0♑19	7°30	18° 2	26°31	2°49	10° 4	14°55	7°56	11°38	9° 3	8°42	24°48	n.a.	W 5
T 6	1 53 50	28°13'33	14°26	8°51	19°14	26°56	2°59	10° 7	14°53	7°56	11°37	9° 1	8°39	24°55	n.a.	T 6
F 7	1 57 46	29°14'53	28°31	10°13	20°27	27°22	3° 9	10°11	14°52	7°57	11°36	9°D 0	8°36	25° 1	n.a.	F 7
S 8	2 1 43	0♏16'13	12♒34	11°36	21°40	27°47	3°19	10°15	14°50	7°58	11°35	9°R 0	8°32	25° 8	n.a.	S 8
S 9	2 5 40	1°17'33	26°35	13° 0	22°53	28°12	3°29	10°19	14°49	7°58	11°34	9° 0	8°29	25°15	n.a.	S 9
M10	2 9 36	2°18'52	10♓31	14°25	24° 6	28°37	3°39	10°24	14°47	7°59	11°33	8°57	8°26	25°21	n.a.	M10
T 11	2 13 33	3°20'11	24°23	15°51	25°19	29° 1	3°49	10°28	14°46	7°59	11°32	8°51	8°23	25°28	n.a.	T 11
W12	2 17 29	4°21'30	8♈ 7	17°18	26°32	29°26	3°59	10°32	14°44	8° 0	11°31	8°42	8°20	25°35	n.a.	W12
T 13	2 21 26	5°22'49	21°41	18°45	27°45	29°50	4°10	10°37	14°43	8° 0	11°30	8°30	8°16	25°41	n.a.	T 13
F 14	2 25 22	6°24'08	5♉ 3	20°13	28°59	0♌13	4°21	10°41	14°42	8° 1	11°29	8°17	8°13	25°48	n.a.	F 14
S 15	2 29 19	7°25'27	18° 9	21°41	0♎12	0°37	4°31	10°46	14°40	8° 1	11°28	8° 3	8°10	25°55	n.a.	S 15
S 16	2 33 15	8°26'46	0♊59	23°10	1°25	1° 0	4°42	10°50	14°39	8° 1	11°27	7°50	8° 7	26° 1	n.a.	S 16
M17	2 37 12	9°28'05	13°31	24°39	2°39	1°22	4°53	10°55	14°38	8° 2	11°26	7°39	8° 4	26° 8	n.a.	M17
T 18	2 41 9	10°29'24	25°48	26° 9	3°52	1°45	5° 4	11° 0	14°37	8° 2	11°25	7°30	8° 1	26°15	n.a.	T 18
W19	2 45 5	11°30'42	7♋50	27°39	5° 5	2° 7	5°16	11° 5	14°36	8° 2	11°23	7°25	7°57	26°21	n.a.	W19
T 20	2 49 2	12°32'01	19°43	29°10	6°19	2°29	5°27	11°10	14°35	8° 3	11°22	7°22	7°54	26°28	n.a.	T 20
F 21	2 52 58	13°33'20	1♌31	0♏41	7°33	2°50	5°38	11°15	14°34	8° 3	11°21	7°21	7°51	26°34	n.a.	F 21
S 22	2 56 55	14°34'38	13°19	2°12	8°46	3°11	5°50	11°20	14°33	8° 3	11°20	7°21	7°48	26°41	n.a.	S 22
S 23	3 0 51	15°35'57	25°13	3°44	10° 0	3°32	6° 1	11°25	14°32	8° 3	11°19	7°20	7°45	26°48	n.a.	S 23
M24	3 4 48	16°37'15	7♍18	5°16	11°14	3°52	6°13	11°30	14°31	8° 3	11°18	7°19	7°42	26°54	n.a.	M24
T 25	3 8 45	17°38'33	19°39	6°49	12°27	4°13	6°25	11°36	14°31	8° 3	11°16	7°15	7°38	27° 1	n.a.	T 25
W26	3 12 41	18°39'50	2♎22	8°22	13°41	4°32	6°37	11°41	14°30	8°R 3	11°15	7° 8	7°35	27° 8	n.a.	W26
T 27	3 16 38	19°41'08	15°28	9°56	14°55	4°51	6°48	11°47	14°29	8° 3	11°14	6°59	7°32	27°14	n.a.	T 27
F 28	3 20 34	20°42'25	28°59	11°30	16° 9	5°10	7° 0	11°52	14°29	8° 3	11°13	6°48	7°29	27°21	n.a.	F 28
S 29	3 24 31	21°43'41	12♏52	13° 4	17°23	5°29	7°13	11°58	14°28	8° 3	11°11	6°35	7°26	27°28	n.a.	S 29
S 30	3 28 27	22♏44'57	27♏ 5	14♏39	18♎36	5♌47	7♑25	12♑ 4	14♓27	8♌ 3	11♊10	6♒23	7♒22	27♋34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s10	17s55	5s 0	1n 2	2n11	8n30	1n55	23n34	2n 0	24s54	0s59	24s43	1s10	6s43	0s46	19n56	1n18	26n56	4n20	18s12	18s24	22n57		n.a.
S 2	9 33	22 20	4 58	0 27	2 6	8 2	1 56	23 31	2 1	24 53	0 59	24 43	1 10	6 44	0 46	19 56	1 18	26 56	4 20	18 15	18 25	22 55		n.a.
M 3	9 56	25 32	4 38	0s 9	2 0	7 34	1 57	23 27	2 2	24 53	0 59	24 43	1 10	6 45	0 46	19 55	1 18	26 56	4 21	18 18	18 26	22 53		n.a.
T 4	10 18	27 11	4 1	0 46	1 54	7 6	1 58	23 23	2 4	24 53	0 59	24 43	1 10	6 45	0 46	19 55	1 18	26 56	4 21	18 20	18 26	22 51		n.a.
W 5	10 41	27 5	3 9	1 23	1 48	6 38	1 59	23 20	2 5	24 53	0 59	24 42	1 10	6 46	0 46	19 55	1 18	26 57	4 21	18 21	18 27	22 49		n.a.
T 6	11 4	25 13	2 6	2 2	1 41	6 10	1 59	23 16	2 7	24 52	0 59	24 42	1 10	6 47	0 46	19 55	1 18	26 57	4 21	18 22	18 28	22 47		n.a.
F 7	11 26	21 47	0 55	2 41	1 35	5 41	2 0	23 12	2 8	24 52	0 59	24 42	1 10	6 47	0 46	19 55	1 19	26 57	4 21	18 22	18 29	22 45		n.a.
S 8	11 48	17 5	0n19	3 20	1 28	5 12	2 0	23 9	2 10	24 52	0 59	24 41	1 10	6 48	0 46	19 55	1 19	26 57	4 21	18 22	18 30	22 43		n.a.
S 9	12 10	11 29	1 32	4 0	1 21	4 43	2 1	23 5	2 11	24 51	0 59	24 41	1 10	6 48	0 46	19 55	1 19	26 57	4 21	18 22	18 31	22 41		n.a.
M10	12 31	5 20	2 38	4 40	1 14	4 14	2 1	23 1	2 13	24 51	0 58	24 40	1 10	6 49	0 46	19 55	1 19	26 57	4 22	18 23	18 31	22 39		n.a.
T 11	12 53	1n 0	3 35	5 20	1 7	3 45	2 1	22 58	2 14	24 51	0 58	24 40	1 10	6 49	0 46	19 54	1 19	26 57	4 22	18 25	18 32	22 37		n.a.
W12	13 14	7 14	4 19	6 0	1 0	3 15	2 1	22 54	2 16	24 50	0 58	24 40	1 10	6 50	0 46	19 54	1 19	26 57	4 22	18 27	18 33	22 35		n.a.
T 13	13 35	13 3	4 47	6 41	0 53	2 46	2 1	22 50	2 17	24 50	0 58	24 39	1 10	6 50	0 46	19 54	1 19	26 57	4 22	18 30	18 34	22 32		n.a.
F 14	13 56	18 9	4 59	7 21	0 46	2 16	2 1	22 46	2 19	24 49	0 58	24 39	1 10	6 51	0 46	19 54	1 19	26 57	4 22	18 34	18 35	22 30		n.a.
S 15	14 16	22 18	4 55	8 1	0 38	1 46	2 1	22 43	2 21	24 49	0 58	24 38	1 10	6 51	0 46	19 54	1 19	26 57	4 22	18 37	18 36	22 28		n.a.
S 16	14 36	25 16	4 36	8 42	0 31	1 16	2 1	22 39	2 22	24 49	0 58	24 38	1 10	6 52	0 46	19 54	1 19	26 57	4 22	18 41	18 36	22 26		n.a.
M17	14 56	26 55	4 4	9 22	0 24	0 46	2 1	22 36	2 24	24 48	0 58	24 38	1 10	6 52	0 46	19 54	1 19	26 57	4 23	18 44	18 37	22 24		n.a.
T 18	15 16	27 12	3 21	10 2	0 17	0 16	2 0	22 32	2 25	24 48	0 58	24 37	1 10	6 53	0 46	19 54	1 19	26 56	4 23	18 46	18 38	22 22		n.a.
W19	15 36	26 11	2 29	10 41	0 10	0s14	2 0	22 29	2 27	24 47	0 58	24 37	1 10	6 53	0 46	19 54	1 19	26 56	4 23	18 48	18 39	22 20		n.a.
T 20	15 55	23 58	1 32	11 21	0 3	0 45	1 59	22 25	2 29	24 47	0 58	24 36	1 10	6 53	0 46	19 54	1 19	26 56	4 23	18 48	18 40	22 18		n.a.
F 21	16 14	20 44	0 31	12 0	0s 4	1 15	1 58	22 22	2 31	24 46	0 58	24 36	1 10	6 54	0 46	19 54	1 19	26 56	4 23	18 49	18 41	22 15		n.a.
S 22	16 32	16 40	0s32	12 39	0 10	1 45	1 57	22 18	2 32	24 46	0 58	24 35	1 10	6 54	0 46	19 54	1 19	26 56	4 23	18 49	18 42	22 13		n.a.
S 23	16 51	11 55	1 33	13 17	0 17	2 15	1 57	22 15	2 34	24 45	0 58	24 35	1 10	6 54	0 46	19 54	1 19	26 56	4 23	18 49	18 42	22 11		n.a.
M24	17 9	6 40	2 32	13 55	0 24	2 46	1 56	22 12	2 36	24 44	0 58	24 34	1 10	6 55	0 46	19 54	1 19	26 56	4 24	18 49	18 43	22 9		n.a.
T 25	17 26	1 3	3 24	14 32	0 30	3 16	1 55	22 9	2 38	24 44	0 58	24 34	1 10	6 55	0 46	19 54	1 20	26 56	4 24	18 50	18 44	22 7		n.a.
W26	17 44	4s44	4 8	15 9	0 36	3 46	1 54	22 5	2 39	24 43	0 58	24 33	1 10	6 55	0 45	19 54	1 20	26 56	4 24	18 52	18 45	22 5		n.a.
T 27	18 1	10 30	4 41	15 46	0 43	4 16	1 52	22 2	2 41	24 43	0 58	24 33	1 10	6 55	0 45	19 54	1 20	26 56	4 24	18 54	18 46	22 2		n.a.
F 28	18 18	15 58	4 58	16 22	0 49	4 46	1 51	21 59	2 43	24 42	0 58	24 32	1 10	6 56	0 45	19 54	1 20	26 56	4 24	18 57	18 46	22 0		n.a.
S 29	18 34	20 45	4 59	16 57	0 55	5 16	1 50	21 57	2 45	24 41	0 58	24 32	1 10	6 56	0 45	19 54	1 20	26 56	4 24	19 0	18 47	21 58		n.a.
S 30	18s50	24s28	4s42	17s31	1s 0	5s46	1n48	21n54	2n47	24s40	0s58	24s31	1s10	6s56	0s45	19n54	1n20	26n56	4n24	19s 3	18s48	21n56		n.a.

Julian Day Number = 986479.5, Delta T = 13h07m37s
Ecliptic obliquity = 23°55'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'50, Lahiri = -31°41'49 Julian Calendar 1 Nov. 2013 BCE == Greg. Calendar 15 Oct. 2013 BCE

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ASTRODIENST EPHEMERIS for the year 2013 BCE
geocentric

DECEMBER 2013 BCE (-2012) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 32 24	23♏46'12	11♐31	16♏15	19♎50	6♌ 5	7♑37	12♑ 9	14°R27	8°R 3	11°R 9	6°R13	7♒19	27♋41	n.a.	M 1
T 2	3 36 20	24°47'26	26° 4	17°51	21° 4	6°22	7°49	12°15	14♓27	8♌ 3	11♊ 7	6♒ 5	7°16	27°48	n.a.	T 2
W 3	3 40 17	25°48'40	10♑36	19°27	22°18	6°38	8° 2	12°21	14°26	8° 2	11° 6	5°59	7°13	27°54	n.a.	W 3
T 4	3 44 14	26°49'52	25° 4	21° 4	23°32	6°55	8°14	12°27	14°26	8° 2	11° 5	5°57	7°10	28° 1	n.a.	T 4
F 5	3 48 10	27°51'03	9♒22	22°42	24°46	7°11	8°27	12°33	14°26	8° 2	11° 3	5°D57	7° 7	28° 8	n.a.	F 5
S 6	3 52 7	28°52'13	23°28	24°20	26° 0	7°26	8°40	12°39	14°25	8° 2	11° 2	5°R57	7° 3	28°14	n.a.	S 6
S 7	3 56 3	29°53'21	7♓23	25°58	27°14	7°41	8°52	12°45	14°25	8° 1	11° 1	5°57	7° 0	28°21	n.a.	S 7
M 8	4 0 0	0♐54'28	21° 6	27°38	28°28	7°55	9° 5	12°51	14°25	8° 1	10°59	5°55	6°57	28°28	n.a.	M 8
T 9	4 3 56	1°55'34	4♈38	29°17	29°42	8° 9	9°18	12°58	14°D25	8° 0	10°58	5°51	6°54	28°34	n.a.	T 9
W10	4 7 53	2°56'39	17°59	0♐58	0♏56	8°23	9°31	13° 4	14°25	8° 0	10°57	5°44	6°51	28°41	n.a.	W10
T 11	4 11 50	3°57'42	1♉ 8	2°39	2°10	8°36	9°44	13°10	14°25	7°59	10°55	5°34	6°47	28°47	n.a.	T 11
F 12	4 15 46	4°58'44	14° 6	4°20	3°24	8°48	9°57	13°17	14°25	7°59	10°54	5°23	6°44	28°54	n.a.	F 12
S 13	4 19 43	5°59'45	26°52	6° 3	4°38	9° 0	10°10	13°23	14°26	7°58	10°53	5°12	6°41	29° 1	n.a.	S 13
S 14	4 23 39	7° 0'44	9♊25	7°46	5°52	9°11	10°23	13°30	14°26	7°58	10°51	5° 1	6°38	29° 7	n.a.	S 14
M15	4 27 36	8° 1'42	21°45	9°29	7° 6	9°22	10°37	13°36	14°26	7°57	10°50	4°52	6°35	29°14	n.a.	M15
T 16	4 31 32	9° 2'40	3♋53	11°13	8°20	9°32	10°50	13°43	14°26	7°57	10°48	4°45	6°32	29°21	n.a.	T 16
W17	4 35 29	10° 3'36	15°52	12°58	9°35	9°42	11° 3	13°49	14°27	7°56	10°47	4°40	6°28	29°27	n.a.	W17
T 18	4 39 26	11° 4'30	27°43	14°44	10°49	9°51	11°17	13°56	14°27	7°55	10°46	4°38	6°25	29°34	n.a.	T 18
F 19	4 43 22	12° 5'24	9♌29	16°30	12° 3	9°59	11°30	14° 3	14°28	7°54	10°44	4°D38	6°22	29°41	n.a.	F 19
S 20	4 47 19	13° 6'16	21°17	18°16	13°17	10° 7	11°44	14°10	14°28	7°54	10°43	4°39	6°19	29°47	n.a.	S 20
S 21	4 51 15	14° 7'07	3♍10	20° 3	14°31	10°14	11°57	14°16	14°29	7°53	10°42	4°40	6°16	29°54	n.a.	S 21
M22	4 55 12	15° 7'57	15°13	21°51	15°45	10°21	12°11	14°23	14°29	7°52	10°40	4°R41	6°13	0♌ 1	n.a.	M22
T 23	4 59 8	16° 8'45	27°32	23°39	16°59	10°26	12°25	14°30	14°30	7°51	10°39	4°40	6° 9	0° 7	n.a.	T 23
W24	5 3 5	17° 9'33	10♎12	25°27	18°13	10°32	12°38	14°37	14°31	7°50	10°38	4°37	6° 6	0°14	n.a.	W24
T 25	5 7 1	18°10'19	23°17	27°15	19°28	10°36	12°52	14°44	14°32	7°49	10°36	4°33	6° 3	0°21	n.a.	T 25
F 26	5 10 58	19°11'04	6♏49	29° 3	20°42	10°40	13° 6	14°51	14°32	7°48	10°35	4°26	6° 0	0°27	n.a.	F 26
S 27	5 14 55	20°11'47	20°49	0♑51	21°56	10°43	13°20	14°58	14°33	7°47	10°33	4°19	5°57	0°34	n.a.	S 27
S 28	5 18 51	21°12'29	5♐13	2°39	23°10	10°45	13°34	15° 5	14°34	7°47	10°32	4°12	5°53	0°40	n.a.	S 28
M29	5 22 48	22°13'09	19°56	4°26	24°24	10°47	13°47	15°12	14°35	7°45	10°31	4° 5	5°50	0°47	n.a.	M29
T 30	5 26 44	23°13'48	4♑51	6°12	25°38	10°48	14° 1	15°19	14°36	7°44	10°29	4° 0	5°47	0°54	n.a.	T 30
W31	5 30 41	24♐14'25	19♑49	7♑57	26♏52	10°R48	14♑15	15♑26	14♓37	7♌43	10♊28	3♒58	5♒44	1♌ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19s 6	26s41	4s 7	18s 5	1s 6	6s16	1n47	21n51	2n49	24s40	0s58	24s31	1s10	6s56	0s45	19n55	1n20	26n56	4n24	19s 6	18s49	21n54			n.a.
T 2	19 21	27 7	3 15	18 38	1 11	6 46	1 45	21 49	2 50	24 39	0 58	24 30	1 10	6 56	0 45	19 55	1 20	26 56	4 24	19 8	18 50	21 51			n.a.
W 3	19 36	25 39	2 10	19 10	1 16	7 15	1 44	21 46	2 52	24 38	0 58	24 30	1 10	6 56	0 45	19 55	1 20	26 56	4 25	19 9	18 51	21 49			n.a.
T 4	19 51	22 30	0 58	19 42	1 21	7 45	1 42	21 44	2 54	24 37	0 58	24 29	1 9	6 56	0 45	19 55	1 20	26 56	4 25	19 10	18 51	21 47			n.a.
F 5	20 5	17 59	0n18	20 12	1 26	8 14	1 40	21 41	2 56	24 36	0 58	24 28	1 9	6 56	0 45	19 55	1 20	26 55	4 25	19 10	18 52	21 45			n.a.
S 6	20 19	12 32	1 32	20 42	1 30	8 43	1 39	21 39	2 58	24 36	0 58	24 28	1 9	6 57	0 45	19 55	1 20	26 55	4 25	19 10	18 53	21 43			n.a.
S 7	20 32	6 31	2 39	21 10	1 34	9 12	1 37	21 37	3 0	24 35	0 57	24 27	1 9	6 57	0 45	19 55	1 20	26 55	4 25	19 10	18 54	21 40			n.a.
M 8	20 45	0 18	3 36	21 38	1 38	9 40	1 35	21 35	3 2	24 34	0 57	24 27	1 9	6 57	0 45	19 55	1 20	26 55	4 25	19 10	18 55	21 38			n.a.
T 9	20 58	5n51	4 20	22 4	1 42	10 9	1 33	21 33	3 4	24 33	0 57	24 26	1 9	6 57	0 45	19 56	1 20	26 55	4 25	19 12	18 56	21 36			n.a.
W10	21 10	11 38	4 49	22 29	1 45	10 37	1 31	21 32	3 6	24 32	0 57	24 25	1 9	6 56	0 45	19 56	1 20	26 55	4 25	19 13	18 56	21 34			n.a.
T 11	21 22	16 49	5 3	22 53	1 48	11 5	1 29	21 30	3 8	24 31	0 57	24 25	1 9	6 56	0 45	19 56	1 20	26 55	4 25	19 16	18 57	21 31			n.a.
F 12	21 34	21 9	5 0	23 16	1 51	11 33	1 27	21 29	3 10	24 30	0 57	24 24	1 9	6 56	0 45	19 56	1 20	26 55	4 25	19 18	18 58	21 29			n.a.
S 13	21 45	24 26	4 43	23 37	1 53	12 0	1 25	21 28	3 13	24 29	0 57	24 23	1 9	6 56	0 45	19 56	1 20	26 55	4 26	19 21	18 59	21 27			n.a.
S 14	21 55	26 27	4 11	23 57	1 55	12 27	1 22	21 27	3 15	24 28	0 57	24 23	1 9	6 56	0 45	19 57	1 21	26 54	4 26	19 24	19 0	21 25			n.a.
M15	22 6	27 8	3 29	24 15	1 57	12 54	1 20	21 26	3 17	24 27	0 57	24 22	1 9	6 56	0 45	19 57	1 21	26 54	4 26	19 26	19 0	21 22			n.a.
T 16	22 15	26 29	2 37	24 32	1 58	13 21	1 18	21 25	3 19	24 26	0 57	24 21	1 10	6 56	0 45	19 57	1 21	26 54	4 26	19 28	19 1	21 20			n.a.
W17	22 25	24 36	1 39	24 47	1 59	13 47	1 15	21 24	3 21	24 25	0 57	24 21	1 10	6 56	0 45	19 57	1 21	26 54	4 26	19 29	19 2	21 18			n.a.
T 18	22 34	21 39	0 37	25 0	1 59	14 13	1 13	21 24	3 23	24 23	0 57	24 20	1 10	6 55	0 45	19 57	1 21	26 54	4 26	19 30	19 3	21 15			n.a.
F 19	22 42	17 49	0s26	25 12	1 59	14 38	1 11	21 24	3 25	24 22	0 57	24 19	1 10	6 55	0 45	19 58	1 21	26 54	4 26	19 30	19 4	21 13			n.a.
S 20	22 50	13 18	1 29	25 22	1 58	15 4	1 8	21 24	3 28	24 21	0 57	24 19	1 10	6 55	0 44	19 58	1 21	26 54	4 26	19 29	19 4	21 11			n.a.
S 21	22 58	8 16	2 28	25 30	1 57	15 28	1 6	21 24	3 30	24 20	0 57	24 18	1 10	6 55	0 44	19 58	1 21	26 54	4 26	19 29	19 5	21 9			n.a.
M22	23 5	2 51	3 21	25 36	1 56	15 53	1 3	21 24	3 32	24 19	0 57	24 17	1 10	6 54	0 44	19 58	1 21	26 53	4 26	19 29	19 6	21 6			n.a.
T 23	23 11	2s46	4 7	25 39	1 53	16 17	1 1	21 24	3 34	24 17	0 57	24 16	1 10	6 54	0 44	19 59	1 21	26 53	4 26	19 29	19 7	21 4			n.a.
W24	23 18	8 25	4 41	25 41	1 50	16 41	0 58	21 25	3 36	24 16	0 57	24 16	1 10	6 54	0 44	19 59	1 21	26 53	4 26	19 30	19 8	21 2			n.a.
T 25	23 23	13 54	5 3	25 41	1 47	17 4	0 56	21 26	3 39	24 15	0 57	24 15	1 10	6 53	0 44	19 59	1 21	26 53	4 26	19 31	19 8	20 59			n.a.
F 26	23 29	18 54	5 9	25 38	1 42	17 26	0 53	21 27	3 41	24 13	0 58	24 14	1 10	6 53	0 44	20 0	1 21	26 53	4 26	19 32	19 9	20 57			n.a.
S 27	23 33	23 4	4 56	25 33	1 37	17 49	0 50	21 28	3 43	24 12	0 58	24 13	1 10	6 53	0 44	20 0	1 21	26 53	4 27	19 34	19 10	20 55			n.a.
S 28	23 38	25 57	4 25	25 26	1 32	18 10	0 48	21 30	3 45	24 10	0 58	24 12	1 10	6 52	0 44	20 0	1 21	26 53	4 27	19 36	19 11	20 52			n.a.
M29	23 42	27 8	3 36	25 16	1 25	18 32	0 45	21 32	3 48	24 9	0 58	24 12	1 10	6 52	0 44	20 1	1 21	26 52	4 27	19 38	19 12	20 50			n.a.
T 30	23 45	26 21	2 31	25 5	1 18	18 53	0 42	21 33	3 50	24 8	0 58	24 11	1 10	6 51	0 44	20 1	1 21	26 52	4 27	19 39	19 12	20 48			n.a.
W31	23s48	23s41	1s16	24s51	1s10	19s13	0n40	21n36	3n52	24s 6	0s58	24s10	1s10	6s51	0s44	20n 1	1n21	26n52	4n27	19s39	19s13	20n45			n.a.

Julian Day Number = 986509.5, Delta T = 13h07m35s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'46, Lahiri = -31°41'45 Julian Calendar 1 Dec. 2013 BCE == Greg. Calendar 14 Nov. 2013 BCE

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

JANUARY 2012 BCE (-2011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 34 37	25♐15'00	4♒42	9♑40	28♏ 7	10°R48	14♑29	15♑34	14♓39	7°R42	10°R27	3°D57	5♒41	1♌ 7	n.a.	T 1
F 2	5 38 34	26°15'33	19°22	11°20	29°21	10♌46	14°43	15°41	14°40	7♌41	10♊25	3♒58	5°38	1°14	n.a.	F 2
S 3	5 42 31	27°16'04	3♓45	12°59	0♐35	10°44	14°58	15°48	14°41	7°40	10°24	3°59	5°34	1°20	n.a.	S 3
S 4	5 46 27	28°16'33	17°49	14°34	1°49	10°42	15°12	15°55	14°42	7°39	10°23	4° 0	5°31	1°27	n.a.	S 4
M 5	5 50 24	29°16'59	1♈34	16° 5	3° 3	10°38	15°26	16° 3	14°44	7°38	10°22	4°R 1	5°28	1°34	n.a.	M 5
T 6	5 54 20	0♑17'24	14°59	17°33	4°17	10°34	15°40	16°10	14°45	7°36	10°20	4° 0	5°25	1°40	n.a.	T 6
W 7	5 58 17	1°17'46	28° 7	18°55	5°31	10°28	15°54	16°17	14°46	7°35	10°19	3°57	5°22	1°47	n.a.	W 7
T 8	6 2 13	2°18'06	11♉ 0	20°12	6°45	10°23	16° 8	16°25	14°48	7°34	10°18	3°53	5°19	1°54	n.a.	T 8
F 9	6 6 10	3°18'24	23°38	21°22	7°59	10°16	16°23	16°32	14°49	7°33	10°16	3°48	5°15	2° 0	n.a.	F 9
S 10	6 10 6	4°18'40	6♊ 5	22°26	9°13	10° 8	16°37	16°39	14°51	7°31	10°15	3°43	5°12	2° 7	n.a.	S 10
S 11	6 14 3	5°18'54	18°21	23°22	10°28	10° 0	16°51	16°47	14°53	7°30	10°14	3°38	5° 9	2°14	n.a.	S 11
M12	6 18 0	6°19'05	0♋27	24°10	11°42	9°51	17° 6	16°54	14°54	7°29	10°13	3°34	5° 6	2°20	n.a.	M12
T 13	6 21 56	7°19'15	12°26	24°49	12°56	9°42	17°20	17° 2	14°56	7°27	10°12	3°30	5° 3	2°27	n.a.	T 13
W14	6 25 53	8°19'23	24°18	25°20	14°10	9°31	17°34	17° 9	14°58	7°26	10°10	3°29	4°59	2°33	n.a.	W14
T 15	6 29 49	9°19'28	6♌ 7	25°41	15°24	9°20	17°49	17°16	15° 0	7°25	10° 9	3°D28	4°56	2°40	n.a.	T 15
F 16	6 33 46	10°19'32	17°54	25°53	16°38	9° 8	18° 3	17°24	15° 2	7°23	10° 8	3°29	4°53	2°47	n.a.	F 16
S 17	6 37 42	11°19'34	29°42	25°R55	17°52	8°55	18°17	17°31	15° 3	7°22	10° 7	3°31	4°50	2°53	n.a.	S 17
S 18	6 41 39	12°19'34	11♍37	25°48	19° 6	8°41	18°32	17°39	15° 5	7°20	10° 6	3°32	4°47	3° 0	n.a.	S 18
M19	6 45 35	13°19'32	23°40	25°32	20°20	8°27	18°46	17°46	15° 7	7°19	10° 5	3°34	4°44	3° 7	n.a.	M19
T 20	6 49 32	14°19'28	5♎58	25° 8	21°34	8°12	19° 0	17°54	15° 9	7°17	10° 3	3°35	4°40	3°13	n.a.	T 20
W21	6 53 28	15°19'22	18°35	24°35	22°48	7°56	19°15	18° 1	15°11	7°16	10° 2	3°R35	4°37	3°20	n.a.	W21
T 22	6 57 25	16°19'14	1♏34	23°55	24° 2	7°40	19°29	18° 9	15°14	7°14	10° 1	3°34	4°34	3°27	n.a.	T 22
F 23	7 1 22	17°19'05	14°59	23° 9	25°16	7°23	19°44	18°16	15°16	7°13	10° 0	3°33	4°31	3°33	n.a.	F 23
S 24	7 5 18	18°18'54	28°52	22°18	26°30	7° 5	19°58	18°24	15°18	7°11	9°59	3°31	4°28	3°40	n.a.	S 24
S 25	7 9 15	19°18'41	13♐12	21°24	27°44	6°47	20°13	18°31	15°20	7°10	9°58	3°29	4°25	3°47	n.a.	S 25
M26	7 13 11	20°18'26	27°56	20°27	28°58	6°28	20°27	18°39	15°22	7° 8	9°57	3°28	4°21	3°53	n.a.	M26
T 27	7 17 8	21°18'09	12♑57	19°28	0♑12	6° 9	20°41	18°46	15°25	7° 7	9°56	3°26	4°18	4° 0	n.a.	T 27
W28	7 21 4	22°17'50	28° 7	18°30	1°26	5°49	20°56	18°54	15°27	7° 5	9°55	3°D26	4°15	4° 7	n.a.	W28
T 29	7 25 1	23°17'28	13♒17	17°34	2°40	5°28	21°10	19° 1	15°29	7° 3	9°54	3°26	4°12	4°13	n.a.	T 29
F 30	7 28 57	24°17'04	28°17	16°40	3°54	5° 7	21°25	19° 9	15°32	7° 2	9°53	3°27	4° 9	4°20	n.a.	F 30
S 31	7 32 54	25♑16'38	13♓ 0	15♑49	5♑ 8	4♌46	21♑39	19♑16	15♓34	7♌ 0	9♊52	3♒27	4♒ 5	4♌26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s50	19s25	0n 4	24s35	1s 1	19s33	0n37	21n38	3n54	24s 5	0s58	24s 9	1s10	6s50	0s44	20n 1	1n21	26n52	4n27	19s40	19s14	20n43		n.a.
F 2	23 52	14 0	1 23	24 17	0 52	19 52	0 34	21 40	3 57	24 3	0 58	24 8	1 10	6 50	0 44	20 2	1 21	26 52	4 27	19 39	19 15	20 41		n.a.
S 3	23 54	7 56	2 35	23 58	0 41	20 11	0 31	21 43	3 59	24 1	0 58	24 8	1 10	6 49	0 44	20 2	1 21	26 52	4 27	19 39	19 16	20 38		n.a.
S 4	23 55	1 36	3 37	23 36	0 30	20 29	0 29	21 46	4 1	24 0	0 58	24 7	1 10	6 49	0 44	20 3	1 22	26 51	4 27	19 39	19 16	20 36		n.a.
M 5	23 55	4n39	4 24	23 14	0 18	20 46	0 26	21 49	4 3	23 58	0 58	24 6	1 10	6 48	0 44	20 3	1 22	26 51	4 27	19 39	19 17	20 34		n.a.
T 6	23 56	10 32	4 55	22 50	0 5	21 3	0 23	21 52	4 6	23 57	0 58	24 5	1 10	6 48	0 44	20 3	1 22	26 51	4 27	19 39	19 18	20 31		n.a.
W 7	23 55	15 50	5 11	22 25	0n 9	21 19	0 21	21 56	4 8	23 55	0 58	24 4	1 10	6 47	0 44	20 4	1 22	26 51	4 27	19 40	19 19	20 29		n.a.
T 8	23 54	20 19	5 10	22 0	0 23	21 35	0 18	22 0	4 10	23 53	0 58	24 3	1 10	6 46	0 44	20 4	1 22	26 51	4 27	19 41	19 20	20 26		n.a.
F 9	23 53	23 48	4 54	21 34	0 38	21 50	0 15	22 4	4 12	23 51	0 58	24 2	1 10	6 46	0 44	20 4	1 22	26 51	4 27	19 42	19 20	20 24		n.a.
S 10	23 51	26 6	4 24	21 9	0 53	22 5	0 12	22 8	4 14	23 50	0 58	24 1	1 10	6 45	0 44	20 5	1 22	26 50	4 27	19 43	19 21	20 22		n.a.
S 11	23 49	27 6	3 43	20 44	1 9	22 19	0 10	22 12	4 16	23 48	0 58	24 1	1 10	6 44	0 44	20 5	1 22	26 50	4 27	19 44	19 22	20 19		n.a.
M12	23 46	26 47	2 52	20 19	1 25	22 32	0 7	22 16	4 18	23 46	0 58	24 0	1 10	6 44	0 44	20 5	1 22	26 50	4 27	19 45	19 23	20 17		n.a.
T 13	23 43	25 13	1 53	19 57	1 41	22 45	0 4	22 21	4 20	23 44	0 58	23 59	1 10	6 43	0 43	20 6	1 22	26 50	4 27	19 46	19 24	20 15		n.a.
W14	23 40	22 31	0 50	19 35	1 57	22 56	0 2	22 26	4 22	23 42	0 58	23 58	1 10	6 42	0 43	20 6	1 22	26 50	4 27	19 46	19 24	20 12		n.a.
T 15	23 35	18 54	0s15	19 16	2 13	23 8	0s 1	22 31	4 24	23 41	0 58	23 57	1 10	6 42	0 43	20 7	1 22	26 50	4 27	19 46	19 25	20 10		n.a.
F 16	23 31	14 32	1 19	18 58	2 29	23 18	0 4	22 36	4 26	23 39	0 58	23 56	1 10	6 41	0 43	20 7	1 22	26 49	4 27	19 46	19 26	20 7		n.a.
S 17	23 26	9 38	2 20	18 43	2 43	23 28	0 6	22 41	4 28	23 37	0 58	23 55	1 11	6 40	0 43	20 7	1 22	26 49	4 27	19 46	19 27	20 5		n.a.
S 18	23 20	4 21	3 15	18 31	2 58	23 37	0 9	22 47	4 29	23 35	0 58	23 54	1 11	6 39	0 43	20 8	1 22	26 49	4 27	19 45	19 27	20 2		n.a.
M19	23 15	1s 9	4 3	18 21	3 11	23 46	0 12	22 52	4 31	23 33	0 58	23 53	1 11	6 38	0 43	20 8	1 22	26 49	4 27	19 45	19 28	20 0		n.a.
T 20	23 8	6 42	4 41	18 14	3 22	23 53	0 14	22 58	4 33	23 31	0 59	23 52	1 11	6 38	0 43	20 9	1 22	26 49	4 27	19 45	19 29	19 58		n.a.
W21	23 2	12 7	5 6	18 9	3 33	24 0	0 17	23 4	4 34	23 29	0 59	23 51	1 11	6 37	0 43	20 9	1 22	26 49	4 27	19 45	19 30	19 55		n.a.
T 22	22 54	17 11	5 16	18 8	3 41	24 7	0 19	23 9	4 36	23 27	0 59	23 50	1 11	6 36	0 43	20 10	1 22	26 48	4 27	19 45	19 31	19 53		n.a.
F 23	22 47	21 35	5 10	18 9	3 48	24 12	0 22	23 15	4 37	23 25	0 59	23 49	1 11	6 35	0 43	20 10	1 22	26 48	4 27	19 45	19 31	19 50		n.a.
S 24	22 39	24 58	4 46	18 12	3 53	24 17	0 24	23 21	4 38	23 23	0 59	23 48	1 11	6 34	0 43	20 10	1 22	26 48	4 27	19 46	19 32	19 48		n.a.
S 25	22 30	26 53	4 4	18 18	3 56	24 21	0 27	23 27	4 40	23 20	0 59	23 47	1 11	6 33	0 43	20 11	1 22	26 48	4 27	19 46	19 33	19 45		n.a.
M26	22 21	26 59	3 4	18 26	3 57	24 24	0 29	23 33	4 41	23 18	0 59	23 46	1 11	6 32	0 43	20 11	1 22	26 48	4 27	19 47	19 34	19 43		n.a.
T 27	22 12	25 8	1 51	18 36	3 56	24 27	0 31	23 39	4 42	23 16	0 59	23 45	1 11	6 31	0 43	20 12	1 22	26 48	4 27	19 47	19 34	19 40		n.a.
W28	22 2	21 26	0 29	18 47	3 52	24 29	0 34	23 46	4 43	23 14	0 59	23 44	1 11	6 30	0 43	20 12	1 22	26 47	4 27	19 47	19 35	19 38		n.a.
T 29	21 52	16 18	0n54	18 59	3 47	24 30	0 36	23 52	4 44	23 12	0 59	23 43	1 11	6 29	0 43	20 13	1 22	26 47	4 27	19 47	19 36	19 36		n.a.
F 30	21 42	10 13	2 14	19 13	3 41	24 30	0 38	23 58	4 44	23 9	0 59	23 42	1 11	6 28	0 43	20 13	1 22	26 47	4 27	19 47	19 37	19 33		n.a.
S 31	21s31	3s42	3n23	19s27	3n32	24s30	0s41	24n 4	4n45	23s 7	0s59	23s41	1s12	6s27	0s43	20n13	1n22	26n47	4n27	19s47	19s38	19n31		n.a.

Julian Day Number = 986540.5, Delta T = 13h07m33s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'41, Lahiri = -31°41'41 Julian Calendar 1 Jan. 2012 BCE == Greg. Calendar 15 Dec. 2013 BCE

The year -2011 astronomical counting style corresponds to year 2012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

FEBRUARY 2012 BCE (-2011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 36 51	26♉16'09	27♓21	15°R 2	6♉22	4°R24	21♉53	19♉24	15♓37	6°R59	9°R52	3♒28	4♒ 2	4♌33	n.a.	S 1
M 2	7 40 47	27°15'37	11♈17	14♉21	7°36	4♌ 2	22° 8	19°31	15°39	6♌57	9♊51	3°28	3°59	4°40	n.a.	M 2
T 3	7 44 44	28°15'04	24°47	13°45	8°50	3°40	22°22	19°39	15°42	6°55	9°50	3°R29	3°56	4°46	n.a.	T 3
W 4	7 48 40	29°14'27	7♉54	13°14	10° 4	3°17	22°37	19°46	15°44	6°54	9°49	3°29	3°53	4°53	n.a.	W 4
T 5	7 52 37	0♒13'48	20°41	12°50	11°18	2°55	22°51	19°54	15°47	6°52	9°48	3°28	3°50	5° 0	n.a.	T 5
F 6	7 56 33	1°13'07	3♊ 9	12°32	12°32	2°32	23° 5	20° 1	15°50	6°50	9°47	3°28	3°46	5° 6	n.a.	F 6
S 7	8 0 30	2°12'23	15°24	12°19	13°46	2° 9	23°20	20° 8	15°52	6°49	9°47	3°28	3°43	5°13	n.a.	S 7
S 8	8 4 26	3°11'37	27°28	12°13	15° 0	1°46	23°34	20°16	15°55	6°47	9°46	3°D28	3°40	5°20	n.a.	S 8
M 9	8 8 23	4°10'49	9♋24	12°D13	16°13	1°22	23°48	20°23	15°58	6°46	9°45	3°28	3°37	5°26	n.a.	M 9
T 10	8 12 19	5° 9'58	21°14	12°18	17°27	0°59	24° 3	20°30	16° 1	6°44	9°45	3°28	3°34	5°33	n.a.	T 10
W11	8 16 16	6° 9'05	3♌ 2	12°28	18°41	0°36	24°17	20°38	16° 3	6°42	9°44	3°R28	3°31	5°40	n.a.	W11
T 12	8 20 13	7° 8'09	14°50	12°44	19°55	0°13	24°31	20°45	16° 6	6°41	9°43	3°28	3°27	5°46	n.a.	T 12
F 13	8 24 9	8° 7'12	26°40	13° 5	21° 9	29♋50	24°45	20°52	16° 9	6°39	9°43	3°28	3°24	5°53	n.a.	F 13
S 14	8 28 6	9° 6'12	8♍34	13°31	22°23	29°28	25° 0	21° 0	16°12	6°37	9°42	3°27	3°21	6° 0	n.a.	S 14
S 15	8 32 2	10° 5'10	20°34	14° 1	23°37	29° 5	25°14	21° 7	16°15	6°36	9°41	3°26	3°18	6° 6	n.a.	S 15
M16	8 35 59	11° 4'06	2♎44	14°35	24°50	28°43	25°28	21°14	16°18	6°34	9°41	3°25	3°15	6°13	n.a.	M16
T 17	8 39 55	12° 3'00	15° 6	15°14	26° 4	28°21	25°42	21°21	16°21	6°32	9°40	3°24	3°11	6°19	n.a.	T 17
W18	8 43 52	13° 1'52	27°43	15°56	27°18	28° 0	25°56	21°29	16°24	6°31	9°40	3°23	3° 8	6°26	n.a.	W18
T 19	8 47 48	14° 0'43	10♏40	16°42	28°32	27°39	26°10	21°36	16°27	6°29	9°39	3°D23	3° 5	6°33	n.a.	T 19
F 20	8 51 45	14°59'31	23°58	17°31	29°46	27°18	26°24	21°43	16°30	6°27	9°39	3°23	3° 2	6°39	n.a.	F 20
S 21	8 55 41	15°58'18	7♐40	18°23	1♒ 0	26°58	26°38	21°50	16°33	6°26	9°38	3°24	2°59	6°46	n.a.	S 21
S 22	8 59 38	16°57'02	21°47	19°19	2°14	26°38	26°52	21°57	16°36	6°24	9°38	3°25	2°56	6°53	n.a.	S 22
M23	9 3 35	17°55'45	6♑18	20°17	3°27	26°19	27° 6	22° 4	16°39	6°23	9°38	3°26	2°52	6°59	n.a.	M23
T 24	9 7 31	18°54'26	21° 9	21°19	4°41	26° 1	27°20	22°11	16°42	6°21	9°37	3°27	2°49	7° 6	n.a.	T 24
W25	9 11 28	19°53'05	6♒14	22°23	5°55	25°43	27°34	22°18	16°46	6°19	9°37	3°R27	2°46	7°13	n.a.	W25
T 26	9 15 24	20°51'42	21°25	23°29	7° 9	25°25	27°48	22°25	16°49	6°18	9°37	3°26	2°43	7°19	n.a.	T 26
F 27	9 19 21	21°50'17	6♓32	24°38	8°23	25° 9	28° 2	22°32	16°52	6°16	9°36	3°25	2°40	7°26	n.a.	F 27
S 28	9 23 17	22♒48'49	21♓26	25♉50	9♒36	24♋53	28♉15	22♉39	16♓55	6♌15	9♊36	3♒23	2♒37	7♌33	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21 s20	2n50	4n17	19 s42	3n22	24 s29	0 s43	24n10	4n46	23 s 5	0 s59	23 s40	1 s12	6 s26	0 s43	20n14	1n22	26n47	4n27	19 s47	19 s38	19n28			n.a.
M 2	21 8	9 3	4 54	19 58	3 12	24 27	0 45	24 16	4 46	23 3	0 59	23 39	1 12	6 25	0 43	20 14	1 22	26 47	4 27	19 46	19 39	19 26			n.a.
T 3	20 56	14 38	5 14	20 13	3 0	24 24	0 47	24 22	4 46	23 0	1 0	23 38	1 12	6 24	0 43	20 15	1 22	26 47	4 27	19 46	19 40	19 23			n.a.
W 4	20 43	19 24	5 17	20 29	2 47	24 21	0 49	24 27	4 47	22 58	1 0	23 37	1 12	6 23	0 43	20 15	1 22	26 46	4 27	19 46	19 41	19 21			n.a.
T 5	20 31	23 9	5 4	20 44	2 34	24 17	0 51	24 33	4 47	22 56	1 0	23 36	1 12	6 22	0 43	20 16	1 22	26 46	4 27	19 46	19 41	19 18			n.a.
F 6	20 18	25 44	4 36	21 0	2 20	24 12	0 53	24 38	4 47	22 53	1 0	23 35	1 12	6 21	0 43	20 16	1 23	26 46	4 27	19 46	19 42	19 16			n.a.
S 7	20 4	27 2	3 57	21 15	2 6	24 7	0 55	24 44	4 47	22 51	1 0	23 34	1 12	6 20	0 43	20 17	1 23	26 46	4 27	19 47	19 43	19 13			n.a.
S 8	19 50	27 1	3 7	21 29	1 52	24 0	0 57	24 49	4 46	22 48	1 0	23 33	1 12	6 19	0 43	20 17	1 23	26 46	4 27	19 47	19 44	19 11			n.a.
M 9	19 36	25 45	2 10	21 43	1 38	23 53	0 59	24 54	4 46	22 46	1 0	23 32	1 12	6 18	0 43	20 17	1 23	26 46	4 27	19 47	19 44	19 8			n.a.
T 10	19 22	23 19	1 7	21 57	1 24	23 46	1 0	24 59	4 45	22 44	1 0	23 31	1 12	6 17	0 43	20 18	1 23	26 46	4 27	19 47	19 45	19 6			n.a.
W11	19 7	19 55	0 2	22 10	1 10	23 37	1 2	25 3	4 45	22 41	1 0	23 30	1 13	6 16	0 43	20 18	1 23	26 45	4 27	19 47	19 46	19 3			n.a.
T 12	18 52	15 43	1 s 3	22 22	0 57	23 28	1 4	25 8	4 44	22 39	1 0	23 29	1 13	6 14	0 42	20 19	1 23	26 45	4 27	19 47	19 47	19 1			n.a.
F 13	18 36	10 55	2 5	22 33	0 43	23 18	1 5	25 12	4 43	22 36	1 1	23 28	1 13	6 13	0 42	20 19	1 23	26 45	4 27	19 47	19 47	18 58			n.a.
S 14	18 21	5 42	3 3	22 43	0 30	23 7	1 7	25 16	4 42	22 34	1 1	23 27	1 13	6 12	0 42	20 20	1 23	26 45	4 27	19 47	19 48	18 56			n.a.
S 15	18 5	0 15	3 53	22 53	0 17	22 56	1 8	25 20	4 41	22 31	1 1	23 26	1 13	6 11	0 42	20 20	1 23	26 45	4 27	19 47	19 49	18 53			n.a.
M16	17 48	5 s16	4 33	23 1	0 5	22 44	1 10	25 24	4 40	22 29	1 1	23 25	1 13	6 10	0 42	20 20	1 23	26 45	4 27	19 47	19 50	18 51			n.a.
T 17	17 32	10 40	5 1	23 9	0 s 7	22 32	1 11	25 27	4 39	22 26	1 1	23 24	1 13	6 8	0 42	20 21	1 23	26 45	4 27	19 47	19 50	18 48			n.a.
W18	17 15	15 46	5 16	23 15	0 18	22 18	1 13	25 30	4 37	22 23	1 1	23 23	1 13	6 7	0 42	20 21	1 23	26 45	4 27	19 48	19 51	18 45			n.a.
T 19	16 58	20 17	5 15	23 21	0 29	22 5	1 14	25 33	4 36	22 21	1 1	23 22	1 13	6 6	0 42	20 22	1 23	26 44	4 27	19 48	19 52	18 43			n.a.
F 20	16 40	23 56	4 57	23 25	0 40	21 50	1 15	25 36	4 34	22 18	1 1	23 21	1 14	6 5	0 42	20 22	1 23	26 44	4 27	19 48	19 53	18 40			n.a.
S 21	16 22	26 21	4 22	23 27	0 50	21 35	1 16	25 39	4 33	22 16	1 1	23 20	1 14	6 4	0 42	20 23	1 23	26 44	4 27	19 47	19 53	18 38			n.a.
S 22	16 4	27 11	3 31	23 29	0 59	21 19	1 17	25 41	4 31	22 13	1 2	23 19	1 14	6 2	0 42	20 23	1 23	26 44	4 27	19 47	19 54	18 35			n.a.
M23	15 46	26 11	2 25	23 29	1 8	21 3	1 18	25 43	4 29	22 10	1 2	23 17	1 14	6 1	0 42	20 23	1 23	26 44	4 27	19 47	19 55	18 33			n.a.
T 24	15 28	23 20	1 8	23 28	1 17	20 46	1 19	25 45	4 27	22 8	1 2	23 16	1 14	6 0	0 42	20 24	1 23	26 44	4 27	19 47	19 56	18 30			n.a.
W25	15 9	18 51	0n15	23 25	1 25	20 28	1 20	25 46	4 25	22 5	1 2	23 15	1 14	5 59	0 42	20 24	1 23	26 44	4 26	19 47	19 56	18 28			n.a.
T 26	14 50	13 7	1 38	23 21	1 33	20 10	1 21	25 47	4 23	22 2	1 2	23 14	1 14	5 57	0 42	20 25	1 23	26 44	4 26	19 47	19 57	18 25			n.a.
F 27	14 31	6 38	2 53	23 16	1 40	19 51	1 22	25 49	4 21	22 0	1 2	23 13	1 14	5 56	0 42	20 25	1 23	26 44	4 26	19 47	19 58	18 22			n.a.
S 28	14 s11	0n 7	3n55	23 s 9	1 s46	19 s32	1 s22	25n49	4n19	21 s57	1 s 2	23 s12	1 s14	5 s55	0 s42	20n25	1n23	26n44	4n26	19 s48	19 s59	18n20			n.a.

Julian Day Number = 986571.5, Delta T = 13h07m31s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'37, Lahiri = -31°41'37 Julian Calendar 1 Feb. 2012 BCE == Greg. Calendar 15 Jan. 2012 BCE

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

MARCH 2012 BCE (-2011) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 27 14	23♒47'19	5♈59	27♉ 3	10♒50	24°R37	28♉29	22♉46	16♓58	6°R13	9°R36	3°R20	2♒33	7♌39	n.a.	S 1
M 2	9 31 10	24°45'47	20° 7	28°19	12° 4	24♋23	28°43	22°52	17° 2	6♌11	9♊36	3♒17	2°30	7°46	n.a.	M 2
T 3	9 35 7	25°44'13	3♉47	29°37	13°18	24° 9	28°56	22°59	17° 5	6°10	9°36	3°15	2°27	7°52	n.a.	T 3
W 4	9 39 3	26°42'36	17° 0	0♒57	14°32	23°56	29°10	23° 6	17° 8	6° 8	9°35	3°14	2°24	7°59	n.a.	W 4
T 5	9 43 0	27°40'57	29°47	2°19	15°45	23°44	29°23	23°12	17°11	6° 7	9°35	3°D13	2°21	8° 6	n.a.	T 5
F 6	9 46 57	28°39'16	12♊14	3°42	16°59	23°32	29°37	23°19	17°15	6° 5	9°35	3°14	2°17	8°12	n.a.	F 6
S 7	9 50 53	29°37'33	24°25	5° 8	18°13	23°21	29°50	23°26	17°18	6° 4	9°35	3°15	2°14	8°19	n.a.	S 7
S 8	9 54 50	0♓35'47	6♋23	6°36	19°27	23°11	0♒ 4	23°32	17°21	6° 2	9°35	3°17	2°11	8°26	n.a.	S 8
M 9	9 58 46	1°34'00	18°13	8° 5	20°40	23° 2	0°17	23°39	17°25	6° 1	9°D35	3°19	2° 8	8°32	n.a.	M 9
T 10	10 2 43	2°32'10	0♌ 1	9°37	21°54	22°54	0°30	23°45	17°28	6° 0	9°35	3°R20	2° 5	8°39	n.a.	T 10
W11	10 6 39	3°30'18	11°48	11°10	23° 8	22°46	0°44	23°51	17°32	5°58	9°35	3°19	2° 2	8°46	n.a.	W11
T 12	10 10 36	4°28'24	23°38	12°45	24°21	22°39	0°57	23°58	17°35	5°57	9°35	3°18	1°58	8°52	n.a.	T 12
F 13	10 14 32	5°26'28	5♍33	14°22	25°35	22°33	1°10	24° 4	17°38	5°55	9°35	3°14	1°55	8°59	n.a.	F 13
S 14	10 18 29	6°24'30	17°36	16° 1	26°49	22°28	1°23	24°10	17°42	5°54	9°35	3°10	1°52	9° 6	n.a.	S 14
S 15	10 22 25	7°22'30	29°47	17°41	28° 3	22°24	1°36	24°16	17°45	5°53	9°35	3° 4	1°49	9°12	n.a.	S 15
M16	10 26 22	8°20'28	12♎ 9	19°23	29°16	22°20	1°49	24°23	17°49	5°51	9°36	2°58	1°46	9°19	n.a.	M16
T 17	10 30 19	9°18'25	24°42	21° 7	0♓30	22°17	2° 2	24°29	17°52	5°50	9°36	2°52	1°43	9°26	n.a.	T 17
W18	10 34 15	10°16'21	7♏29	22°53	1°44	22°15	2°15	24°35	17°55	5°49	9°36	2°47	1°39	9°32	n.a.	W18
T 19	10 38 12	11°14'15	20°31	24°41	2°57	22°14	2°27	24°41	17°59	5°47	9°36	2°43	1°36	9°39	n.a.	T 19
F 20	10 42 8	12°12'07	3♐49	26°31	4°11	22°D14	2°40	24°47	18° 2	5°46	9°36	2°42	1°33	9°45	n.a.	F 20
S 21	10 46 5	13° 9'58	17°25	28°22	5°25	22°14	2°53	24°52	18° 6	5°45	9°37	2°D41	1°30	9°52	n.a.	S 21
S 22	10 50 1	14° 7'48	1♑21	0♓15	6°38	22°15	3° 5	24°58	18° 9	5°44	9°37	2°42	1°27	9°59	n.a.	S 22
M23	10 53 58	15° 5'37	15°36	2°10	7°52	22°17	3°18	25° 4	18°13	5°42	9°37	2°43	1°23	10° 5	n.a.	M23
T 24	10 57 54	16° 3'24	0♒ 9	4° 7	9° 6	22°20	3°30	25°10	18°16	5°41	9°38	2°R44	1°20	10°12	n.a.	T 24
W25	11 1 51	17° 1'09	14°56	6° 5	10°19	22°23	3°43	25°15	18°20	5°40	9°38	2°44	1°17	10°19	n.a.	W25
T 26	11 5 48	17°58'53	29°52	8° 5	11°33	22°27	3°55	25°21	18°23	5°39	9°39	2°41	1°14	10°25	n.a.	T 26
F 27	11 9 44	18°56'36	14♓49	10° 7	12°47	22°32	4° 7	25°26	18°26	5°38	9°39	2°37	1°11	10°32	n.a.	F 27
S 28	11 13 41	19°54'17	29°38	12°11	14° 1	22°37	4°19	25°32	18°30	5°37	9°40	2°30	1° 8	10°39	n.a.	S 28
S 29	11 17 37	20°51'57	14♈11	14°16	15°14	22°43	4°31	25°37	18°33	5°36	9°40	2°23	1° 4	10°45	n.a.	S 29
M30	11 21 34	21°49'35	28°22	16°22	16°28	22°50	4°43	25°42	18°37	5°35	9°41	2°15	1° 1	10°52	n.a.	M30
T 31	11 25 30	22♓47'11	12♉ 7	18♓30	17♓42	22♋58	4♒55	25♉48	18♓40	5♌34	9♊41	2♒ 9	0♒58	10♌59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	13s52	6n42	4n40	23s 0	1s52	19s12	1s23	25n50	4n16	21s54	1s 3	23s11	1s15	5s53	0s42	20n26	1n23	26n44	4n26	19s48	19s59	18n17			n.a.
M 2	13 32	12 44	5 7	22 50	1 58	18 52	1 24	25 50	4 14	21 51	1 3	23 10	1 15	5 52	0 42	20 26	1 23	26 43	4 26	19 49	20 0	18 15			n.a.
T 3	13 12	17 57	5 15	22 39	2 3	18 31	1 24	25 51	4 12	21 49	1 3	23 9	1 15	5 51	0 42	20 27	1 23	26 43	4 26	19 50	20 1	18 12			n.a.
W 4	12 52	22 8	5 6	22 25	2 7	18 9	1 25	25 51	4 9	21 46	1 3	23 8	1 15	5 49	0 42	20 27	1 23	26 43	4 26	19 50	20 2	18 9			n.a.
T 5	12 31	25 6	4 42	22 10	2 11	17 47	1 25	25 50	4 7	21 43	1 3	23 7	1 15	5 48	0 42	20 27	1 23	26 43	4 26	19 50	20 2	18 7			n.a.
F 6	12 11	26 46	4 5	21 54	2 15	17 25	1 25	25 50	4 4	21 40	1 3	23 6	1 15	5 47	0 42	20 28	1 23	26 43	4 26	19 50	20 3	18 4			n.a.
S 7	11 50	27 6	3 18	21 35	2 17	17 2	1 26	25 49	4 1	21 38	1 3	23 5	1 15	5 45	0 42	20 28	1 23	26 43	4 26	19 49	20 4	18 2			n.a.
S 8	11 29	26 9	2 23	21 15	2 20	16 39	1 26	25 49	3 59	21 35	1 4	23 4	1 16	5 44	0 42	20 29	1 23	26 43	4 26	19 49	20 4	17 59			n.a.
M 9	11 8	24 1	1 22	20 53	2 22	16 15	1 26	25 48	3 56	21 32	1 4	23 3	1 16	5 43	0 42	20 29	1 23	26 43	4 26	19 49	20 5	17 56			n.a.
T 10	10 47	20 51	0 18	20 30	2 23	15 51	1 26	25 46	3 54	21 29	1 4	23 2	1 16	5 41	0 42	20 29	1 23	26 43	4 26	19 49	20 6	17 54			n.a.
W11	10 25	16 52	0s46	20 4	2 24	15 26	1 26	25 45	3 51	21 27	1 4	23 1	1 16	5 40	0 42	20 30	1 23	26 43	4 26	19 49	20 7	17 51			n.a.
T 12	10 4	12 12	1 49	19 37	2 24	15 1	1 26	25 44	3 48	21 24	1 4	23 0	1 16	5 39	0 42	20 30	1 23	26 43	4 26	19 49	20 7	17 49			n.a.
F 13	9 42	7 5	2 47	19 8	2 23	14 36	1 26	25 42	3 45	21 21	1 4	22 59	1 16	5 37	0 42	20 30	1 23	26 43	4 26	19 50	20 8	17 46			n.a.
S 14	9 20	1 39	3 39	18 37	2 23	14 10	1 26	25 40	3 43	21 18	1 5	22 58	1 16	5 36	0 42	20 31	1 23	26 43	4 26	19 51	20 9	17 43			n.a.
S 15	8 59	3s53	4 21	18 5	2 21	13 44	1 26	25 38	3 40	21 15	1 5	22 57	1 17	5 35	0 42	20 31	1 23	26 43	4 26	19 52	20 10	17 41			n.a.
M16	8 37	9 20	4 51	17 30	2 19	13 17	1 25	25 36	3 37	21 13	1 5	22 56	1 17	5 33	0 42	20 31	1 23	26 43	4 26	19 54	20 10	17 38			n.a.
T 17	8 14	14 31	5 8	16 54	2 17	12 50	1 25	25 34	3 34	21 10	1 5	22 55	1 17	5 32	0 42	20 32	1 23	26 43	4 26	19 55	20 11	17 35			n.a.
W18	7 52	19 9	5 10	16 16	2 13	12 23	1 24	25 31	3 32	21 7	1 5	22 54	1 17	5 30	0 42	20 32	1 22	26 43	4 26	19 56	20 12	17 33			n.a.
T 19	7 30	22 59	4 56	15 35	2 10	11 56	1 24	25 29	3 29	21 4	1 5	22 53	1 17	5 29	0 42	20 32	1 22	26 43	4 25	19 57	20 12	17 30			n.a.
F 20	7 7	25 42	4 27	14 53	2 5	11 28	1 23	25 26	3 26	21 2	1 6	22 53	1 17	5 28	0 42	20 33	1 22	26 43	4 25	19 57	20 13	17 27			n.a.
S 21	6 45	26 59	3 41	14 10	2 1	11 0	1 23	25 23	3 23	20 59	1 6	22 52	1 18	5 26	0 42	20 33	1 22	26 43	4 25	19 57	20 14	17 25			n.a.
S 22	6 22	26 37	2 42	13 24	1 55	10 31	1 22	25 20	3 20	20 56	1 6	22 51	1 18	5 25	0 42	20 33	1 22	26 43	4 25	19 57	20 15	17 22			n.a.
M23	5 59	24 31	1 32	12 37	1 49	10 3	1 21	25 17	3 18	20 53	1 6	22 50	1 18	5 24	0 42	20 33	1 22	26 43	4 25	19 57	20 15	17 20			n.a.
T 24	5 36	20 46	0 14	11 48	1 43	9 34	1 21	25 14	3 15	20 50	1 6	22 49	1 18	5 22	0 42	20 34	1 22	26 43	4 25	19 57	20 16	17 17			n.a.
W25	5 14	15 38	1n 6	10 57	1 36	9 4	1 20	25 11	3 12	20 48	1 7	22 48	1 18	5 21	0 42	20 34	1 22	26 43	4 25	19 57	20 17	17 14			n.a.
T 26	4 51	9 33	2 22	10 4	1 29	8 35	1 19	25 7	3 9	20 45	1 7	22 47	1 18	5 19	0 42	20 34	1 22	26 43	4 25	19 58	20 17	17 12			n.a.
F 27	4 28	2 55	3 28	9 10	1 21	8 5	1 18	25 4	3 7	20 42	1 7	22 46	1 19	5 18	0 42	20 35	1 22	26 43	4 25	19 59	20 18	17 9			n.a.
S 28	4 5	3n48	4 19	8 14	1 12	7 36	1 17	25 0	3 4	20 39	1 7	22 45	1 19	5 17	0 42	20 35	1 22	26 43	4 25	20 0	20 19	17 6			n.a.
S 29	3 41	10 11	4 52	7 17	1 3	7 6	1 16	24 57	3 1	20 37	1 7	22 45	1 19	5 15	0 42	20 35	1 22	26 43	4 25	20 2	20 20	17 4			n.a.
M30	3 18	15 52	5 7	6 19	0 54	6 35	1 15	24 53	2 59	20 34	1 8	22 44	1 19	5 14	0 42	20 35	1 22	26 43	4 25	20 3	20 20	17 1			n.a.
T 31	2s55	20n34	5n 3	5s19	0s45	6s 5	1s13	24n49	2n56	20s31	1s 8	22s43	1s19	5s13	0s42	20n36	1n22	26n43	4n25	20s 5	20s21	16n58			n.a.

Julian Day Number = 986599.5, Delta T = 13h07m29s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'33, Lahiri = -31°41'33 Julian Calendar 1 March 2012 BCE == Greg. Calendar 12 Feb. 2012 BCE

The year -2011 astronomical counting style corresponds to year 2012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

APRIL 2012 BCE (-2011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 29 27	23♓44'46	25♉25	20♓39	18♓55	23♋ 6	5♒ 7	25♑53	18♓44	5°R33	9♊42	2°R 3	0♒55	11♌ 5	n.a.	W 1
T 2	11 33 23	24°42'19	8♊16	22°48	20° 9	23°15	5°19	25°58	18°47	5♌32	9°42	2♒ 0	0°52	11°12	n.a.	T 2
F 3	11 37 20	25°39'50	20°45	24°58	21°23	23°24	5°30	26° 3	18°51	5°31	9°43	1°D58	0°48	11°19	n.a.	F 3
S 4	11 41 16	26°37'20	2♋55	27° 9	22°36	23°35	5°42	26° 8	18°54	5°30	9°44	1°58	0°45	11°25	n.a.	S 4
S 5	11 45 13	27°34'48	14°53	29°20	23°50	23°45	5°53	26°13	18°58	5°29	9°44	1°59	0°42	11°32	n.a.	S 5
M 6	11 49 10	28°32'15	26°43	1♈31	25° 3	23°57	6° 5	26°17	19° 1	5°28	9°45	2°R 0	0°39	11°38	n.a.	M 6
T 7	11 53 6	29°29'40	8♌30	3°42	26°17	24° 9	6°16	26°22	19° 4	5°27	9°46	2° 0	0°36	11°45	n.a.	T 7
W 8	11 57 3	0♈27'04	20°19	5°52	27°31	24°22	6°27	26°27	19° 8	5°26	9°46	1°58	0°33	11°52	n.a.	W 8
T 9	12 0 59	1°24'26	2♍13	8° 1	28°44	24°35	6°38	26°31	19°11	5°26	9°47	1°54	0°29	11°58	n.a.	T 9
F 10	12 4 56	2°21'47	14°16	10° 9	29°58	24°48	6°49	26°36	19°15	5°25	9°48	1°48	0°26	12° 5	n.a.	F 10
S 11	12 8 52	3°19'07	26°30	12°16	1♈12	25° 3	7° 0	26°40	19°18	5°24	9°49	1°39	0°23	12°12	n.a.	S 11
S 12	12 12 49	4°16'26	8♎56	14°21	2°25	25°18	7°11	26°45	19°21	5°24	9°50	1°29	0°20	12°18	n.a.	S 12
M13	12 16 45	5°13'43	21°35	16°24	3°39	25°33	7°22	26°49	19°25	5°23	9°50	1°18	0°17	12°25	n.a.	M13
T 14	12 20 42	6°11'00	4♏27	18°25	4°53	25°49	7°32	26°53	19°28	5°22	9°51	1° 7	0°14	12°32	n.a.	T 14
W15	12 24 39	7° 8'16	17°31	20°25	6° 6	26° 5	7°43	26°57	19°31	5°22	9°52	0°58	0°10	12°38	n.a.	W15
T 16	12 28 35	8° 5'31	0♐46	22°21	7°20	26°22	7°53	27° 1	19°35	5°21	9°53	0°50	0° 7	12°45	n.a.	T 16
F 17	12 32 32	9° 2'45	14°14	24°16	8°33	26°40	8° 3	27° 5	19°38	5°21	9°54	0°46	0° 4	12°52	n.a.	F 17
S 18	12 36 28	9°59'59	27°54	26° 8	9°47	26°57	8°14	27° 9	19°41	5°20	9°55	0°43	0° 1	12°58	n.a.	S 18
S 19	12 40 25	10°57'12	11♑46	27°57	11° 1	27°16	8°24	27°13	19°45	5°20	9°56	0°D43	29♑58	13° 5	n.a.	S 19
M20	12 44 21	11°54'25	25°51	29°44	12°14	27°35	8°34	27°16	19°48	5°19	9°57	0°R43	29°54	13°12	n.a.	M20
T 21	12 48 18	12°51'37	10♒ 8	1♉29	13°28	27°54	8°44	27°20	19°51	5°19	9°58	0°43	29°51	13°18	n.a.	T 21
W22	12 52 14	13°48'48	24°35	3°10	14°42	28°14	8°53	27°24	19°54	5°18	9°59	0°41	29°48	13°25	n.a.	W22
T 23	12 56 11	14°45'59	9♓ 8	4°49	15°55	28°34	9° 3	27°27	19°58	5°18	10° 0	0°37	29°45	13°32	n.a.	T 23
F 24	13 0 8	15°43'10	23°43	6°26	17° 9	28°54	9°12	27°30	20° 1	5°18	10° 1	0°30	29°42	13°38	n.a.	F 24
S 25	13 4 4	16°40'19	8♈14	7°59	18°23	29°15	9°22	27°34	20° 4	5°17	10° 2	0°20	29°39	13°45	n.a.	S 25
S 26	13 8 1	17°37'29	22°33	9°30	19°36	29°37	9°31	27°37	20° 7	5°17	10° 4	0°10	29°35	13°51	n.a.	S 26
M27	13 11 57	18°34'37	6♉34	10°58	20°50	29°59	9°40	27°40	20°10	5°17	10° 5	29♑58	29°32	13°58	n.a.	M27
T 28	13 15 54	19°31'45	20°14	12°23	22° 4	0♌21	9°49	27°43	20°13	5°17	10° 6	29°48	29°29	14° 5	n.a.	T 28
W29	13 19 50	20°28'52	3♊29	13°46	23°17	0°44	9°58	27°46	20°17	5°16	10° 7	29°39	29°26	14°11	n.a.	W29
T 30	13 23 47	21♈25'59	16♊20	15♉ 5	24♈31	1♌ 7	10♒ 7	27♑48	20♓20	5♌16	10♊ 8	29♑32	29♑23	14♌18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s32	24n 4	4n43	4s19	0s35	5s34	1s12	24n45	2n53	20s28	1s 8	22s42	1s20	5s11	0s42	20n36	1n22	26n43	4n25	20s 6	20s22	16n55		n.a.
T 2	2 9	26 13	4 9	3 17	0 24	5 4	1 11	24 41	2 51	20 26	1 8	22 41	1 20	5 10	0 42	20 36	1 22	26 43	4 25	20 7	20 22	16 53		n.a.
F 3	1 45	26 59	3 23	2 15	0 14	4 33	1 10	24 36	2 48	20 23	1 8	22 41	1 20	5 8	0 42	20 36	1 22	26 43	4 25	20 7	20 23	16 50		n.a.
S 4	1 22	26 24	2 30	1 12	0 4	4 2	1 8	24 32	2 45	20 20	1 9	22 40	1 20	5 7	0 42	20 36	1 22	26 43	4 25	20 7	20 24	16 47		n.a.
S 5	0 59	24 35	1 31	0 10	0n 7	3 31	1 7	24 27	2 43	20 17	1 9	22 39	1 20	5 6	0 42	20 37	1 22	26 43	4 25	20 7	20 25	16 45		n.a.
M 6	0 36	21 42	0 28	0n53	0 18	3 0	1 5	24 23	2 40	20 15	1 9	22 38	1 20	5 4	0 42	20 37	1 22	26 43	4 25	20 7	20 25	16 42		n.a.
T 7	0 12	17 57	0s35	1 56	0 28	2 29	1 4	24 18	2 38	20 12	1 9	22 38	1 21	5 3	0 42	20 37	1 22	26 43	4 25	20 7	20 26	16 39		n.a.
W 8	0n11	13 29	1 37	2 58	0 38	1 57	1 2	24 13	2 35	20 10	1 9	22 37	1 21	5 2	0 42	20 37	1 22	26 44	4 25	20 7	20 27	16 37		n.a.
T 9	0 34	8 30	2 34	3 59	0 48	1 26	1 0	24 9	2 33	20 7	1 10	22 36	1 21	5 0	0 42	20 37	1 22	26 44	4 25	20 8	20 27	16 34		n.a.
F 10	0 57	3 9	3 26	4 59	0 58	0 55	0 59	24 4	2 30	20 4	1 10	22 35	1 21	4 59	0 42	20 37	1 22	26 44	4 25	20 10	20 28	16 31		n.a.
S 11	1 21	2s22	4 9	5 59	1 8	0 23	0 57	23 58	2 28	20 2	1 10	22 35	1 21	4 57	0 42	20 38	1 22	26 44	4 24	20 12	20 29	16 28		n.a.
S 12	1 44	7 53	4 40	6 57	1 17	0n 8	0 55	23 53	2 25	19 59	1 10	22 34	1 22	4 56	0 42	20 38	1 22	26 44	4 24	20 14	20 29	16 26		n.a.
M13	2 7	13 11	4 59	7 53	1 25	0 40	0 54	23 48	2 23	19 57	1 11	22 33	1 22	4 55	0 42	20 38	1 22	26 44	4 24	20 17	20 30	16 23		n.a.
T 14	2 30	17 59	5 3	8 48	1 34	1 11	0 52	23 43	2 20	19 54	1 11	22 33	1 22	4 53	0 42	20 38	1 22	26 44	4 24	20 19	20 31	16 20		n.a.
W15	2 53	22 2	4 51	9 41	1 41	1 43	0 50	23 37	2 18	19 51	1 11	22 32	1 22	4 52	0 42	20 38	1 22	26 44	4 24	20 21	20 32	16 18		n.a.
T 16	3 16	25 1	4 23	10 32	1 48	2 14	0 48	23 31	2 16	19 49	1 11	22 32	1 22	4 51	0 42	20 38	1 22	26 44	4 24	20 23	20 32	16 15		n.a.
F 17	3 39	26 38	3 41	11 22	1 54	2 46	0 46	23 26	2 13	19 46	1 12	22 31	1 23	4 49	0 42	20 38	1 22	26 44	4 24	20 24	20 33	16 12		n.a.
S 18	4 2	26 40	2 45	12 9	2 0	3 17	0 44	23 20	2 11	19 44	1 12	22 30	1 23	4 48	0 42	20 38	1 22	26 45	4 24	20 24	20 34	16 9		n.a.
S 19	4 25	25 2	1 39	12 54	2 5	3 48	0 42	23 14	2 9	19 42	1 12	22 30	1 23	4 47	0 42	20 39	1 22	26 45	4 24	20 24	20 34	16 7		n.a.
M20	4 48	21 50	0 26	13 37	2 9	4 19	0 40	23 8	2 6	19 39	1 12	22 29	1 23	4 46	0 42	20 39	1 22	26 45	4 24	20 24	20 35	16 4		n.a.
T 21	5 11	17 16	0n50	14 18	2 13	4 51	0 38	23 2	2 4	19 37	1 13	22 29	1 24	4 44	0 42	20 39	1 22	26 45	4 24	20 24	20 36	16 1		n.a.
W22	5 33	11 40	2 3	14 56	2 16	5 22	0 36	22 55	2 2	19 34	1 13	22 28	1 24	4 43	0 42	20 39	1 22	26 45	4 24	20 25	20 36	15 58		n.a.
T 23	5 56	5 24	3 9	15 33	2 18	5 52	0 33	22 49	2 0	19 32	1 13	22 28	1 24	4 42	0 42	20 39	1 22	26 45	4 24	20 26	20 37	15 56		n.a.
F 24	6 18	1n 9	4 2	16 7	2 19	6 23	0 31	22 43	1 57	19 30	1 13	22 27	1 24	4 40	0 42	20 39	1 22	26 45	4 24	20 27	20 38	15 53		n.a.
S 25	6 41	7 36	4 39	16 39	2 20	6 54	0 29	22 36	1 55	19 27	1 14	22 27	1 24	4 39	0 42	20 39	1 22	26 46	4 24	20 29	20 38	15 50		n.a.
S 26	7 3	13 33	4 59	17 9	2 20	7 24	0 27	22 29	1 53	19 25	1 14	22 27	1 25	4 38	0 42	20 39	1 21	26 46	4 24	20 32	20 39	15 47		n.a.
M27	7 25	18 41	4 59	17 37	2 19	7 55	0 25	22 22	1 51	19 23	1 14	22 26	1 25	4 37	0 42	20 39	1 21	26 46	4 24	20 34	20 40	15 45		n.a.
T 28	7 48	22 41	4 43	18 3	2 18	8 25	0 22	22 15	1 49	19 21	1 14	22 26	1 25	4 35	0 42	20 39	1 21	26 46	4 24	20 36	20 40	15 42		n.a.
W29	8 9	25 23	4 11	18 26	2 16	8 55	0 20	22 8	1 47	19 18	1 15	22 25	1 25	4 34	0 42	20 39	1 21	26 46	4 24	20 38	20 41	15 39		n.a.
T 30	8n31	26n39	3n27	18n48	2n13	9n25	0s18	22n 1	1n45	19s16	1s15	22s25	1s25	4s33	0s42	20n39	1n21	26n46	4n24	20s40	20s42	15n36		n.a.

Julian Day Number = 986630.5, Delta T = 13h07m27s
Ecliptic obliquity = 23°55'37, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'29, Lahiri = -31°41'29 Julian Calendar 1 Apr. 2012 BCE == Greg. Calendar 15 March 2012 BCE

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

MAY 2012 BCE (-2011) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 27 44	22♈23'05	28♊50	16♉22	25♈44	1♌30	10♒16	27♑51	20♓23	5°R16	10♊ 9	29°R29	29♑19	14♌25	n.a.	F 1
S 2	13 31 40	23°20'10	11♋ 1	17°36	26°58	1°54	10°24	27°54	20°26	5♌16	10°11	29♑27	29°16	14°31	n.a.	S 2
S 3	13 35 37	24°17'15	23° 0	18°46	28°12	2°18	10°32	27°56	20°29	5°16	10°12	29°26	29°13	14°38	n.a.	S 3
M 4	13 39 33	25°14'18	4♌50	19°54	29°25	2°43	10°41	27°59	20°32	5°D16	10°13	29°26	29°10	14°45	n.a.	M 4
T 5	13 43 30	26°11'22	16°38	20°58	0♉39	3° 8	10°49	28° 1	20°35	5°16	10°15	29°26	29° 7	14°51	n.a.	T 5
W 6	13 47 26	27° 8'24	28°30	21°59	1°53	3°33	10°57	28° 3	20°38	5°16	10°16	29°23	29° 4	14°58	n.a.	W 6
T 7	13 51 23	28° 5'26	10♍29	22°57	3° 6	3°58	11° 5	28° 5	20°41	5°16	10°17	29°18	29° 0	15° 5	n.a.	T 7
F 8	13 55 19	29° 2'28	22°39	23°52	4°20	4°24	11°12	28° 7	20°43	5°16	10°19	29°11	28°57	15°11	n.a.	F 8
S 9	13 59 16	29°59'29	5♎ 4	24°42	5°34	4°50	11°20	28° 9	20°46	5°17	10°20	29° 1	28°54	15°18	n.a.	S 9
S 10	14 3 13	0♉56'30	17°45	25°30	6°47	5°17	11°27	28°11	20°49	5°17	10°21	28°50	28°51	15°25	n.a.	S 10
M11	14 7 9	1°53'31	0♏42	26°13	8° 1	5°44	11°35	28°13	20°52	5°17	10°23	28°37	28°48	15°31	n.a.	M11
T 12	14 11 6	2°50'31	13°54	26°53	9°15	6°11	11°42	28°14	20°55	5°17	10°24	28°25	28°45	15°38	n.a.	T 12
W13	14 15 2	3°47'32	27°21	27°29	10°28	6°38	11°49	28°16	20°57	5°17	10°26	28°14	28°41	15°45	n.a.	W13
T 14	14 18 59	4°44'33	10♐58	28° 1	11°42	7° 6	11°56	28°17	21° 0	5°18	10°27	28° 6	28°38	15°51	n.a.	T 14
F 15	14 22 55	5°41'34	24°45	28°28	12°56	7°34	12° 2	28°19	21° 3	5°18	10°28	28° 0	28°35	15°58	n.a.	F 15
S 16	14 26 52	6°38'36	8♑39	28°52	14° 9	8° 2	12° 9	28°20	21° 6	5°19	10°30	27°57	28°32	16° 4	n.a.	S 16
S 17	14 30 49	7°35'37	22°39	29°10	15°23	8°31	12°15	28°21	21° 8	5°19	10°31	27°D56	28°29	16°11	n.a.	S 17
M18	14 34 45	8°32'39	6♒44	29°25	16°37	9° 0	12°21	28°22	21°11	5°19	10°33	27°R56	28°25	16°18	n.a.	M18
T 19	14 38 42	9°29'42	20°52	29°35	17°50	9°29	12°27	28°23	21°13	5°20	10°34	27°56	28°22	16°24	n.a.	T 19
W20	14 42 38	10°26'45	5♓ 4	29°40	19° 4	9°58	12°33	28°24	21°16	5°20	10°36	27°54	28°19	16°31	n.a.	W20
T 21	14 46 35	11°23'48	19°17	29°R40	20°18	10°28	12°39	28°25	21°18	5°21	10°37	27°50	28°16	16°38	n.a.	T 21
F 22	14 50 31	12°20'52	3♈27	29°36	21°32	10°58	12°45	28°25	21°21	5°21	10°39	27°43	28°13	16°44	n.a.	F 22
S 23	14 54 28	13°17'56	17°33	29°27	22°45	11°28	12°50	28°26	21°23	5°22	10°41	27°34	28°10	16°51	n.a.	S 23
S 24	14 58 24	14°15'01	1♉28	29°14	23°59	11°58	12°55	28°26	21°26	5°23	10°42	27°23	28° 6	16°58	n.a.	S 24
M25	15 2 21	15°12'06	15° 9	28°56	25°13	12°29	13° 0	28°27	21°28	5°23	10°44	27°12	28° 3	17° 4	n.a.	M25
T 26	15 6 18	16° 9'12	28°33	28°34	26°26	13° 0	13° 5	28°27	21°30	5°24	10°45	27° 1	28° 0	17°11	n.a.	T 26
W27	15 10 14	17° 6'18	11♊37	28° 9	27°40	13°31	13°10	28°27	21°33	5°25	10°47	26°52	27°57	17°18	n.a.	W27
T 28	15 14 11	18° 3'25	24°21	27°39	28°54	14° 2	13°14	28°R27	21°35	5°26	10°49	26°46	27°54	17°24	n.a.	T 28
F 29	15 18 7	19° 0'31	6♋47	27° 7	0♊ 8	14°34	13°19	28°27	21°37	5°26	10°50	26°42	27°51	17°31	n.a.	F 29
S 30	15 22 4	19°57'38	18°56	26°31	1°21	15° 6	13°23	28°27	21°39	5°27	10°52	26°40	27°47	17°38	n.a.	S 30
S 31	15 26 0	20♉54'46	0♌54	25♉54	2♊35	15♌38	13♒27	28♑26	21♓42	5♌28	10♊53	26°D40	27♑44	17♌44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n53	26n30	2n35	19n 7	2n 9	9n54	0s16	21n54	1n43	19s14	1s15	22s25	1s26	4s32	0s42	20n39	1n21	26n46	4n24	20s41	20s42	15n33		n.a.
S 2	9 15	25 3	1 36	19 25	2 5	10 24	0 13	21 46	1 41	19 12	1 16	22 24	1 26	4 31	0 42	20 39	1 21	26 47	4 24	20 41	20 43	15 31		n.a.
S 3	9 36	22 29	0 34	19 40	2 0	10 53	0 11	21 39	1 39	19 10	1 16	22 24	1 26	4 29	0 42	20 39	1 21	26 47	4 24	20 41	20 44	15 28		n.a.
M 4	9 57	18 59	0s29	19 54	1 54	11 22	0 9	21 31	1 37	19 8	1 16	22 24	1 26	4 28	0 42	20 39	1 21	26 47	4 24	20 41	20 44	15 25		n.a.
T 5	10 19	14 45	1 30	20 5	1 47	11 50	0 6	21 23	1 35	19 6	1 16	22 24	1 27	4 27	0 42	20 39	1 21	26 47	4 24	20 41	20 45	15 22		n.a.
W 6	10 40	9 56	2 27	20 15	1 40	12 19	0 4	21 15	1 33	19 4	1 17	22 23	1 27	4 26	0 42	20 39	1 21	26 47	4 24	20 42	20 46	15 20		n.a.
T 7	11 1	4 44	3 19	20 22	1 32	12 47	0 1	21 7	1 31	19 2	1 17	22 23	1 27	4 25	0 42	20 39	1 21	26 48	4 24	20 43	20 46	15 17		n.a.
F 8	11 21	0s43	4 2	20 28	1 24	13 14	0n 1	20 59	1 29	19 0	1 17	22 23	1 27	4 23	0 42	20 39	1 21	26 48	4 24	20 44	20 47	15 14		n.a.
S 9	11 42	6 14	4 35	20 32	1 14	13 42	0 3	20 51	1 27	18 58	1 18	22 23	1 28	4 22	0 42	20 39	1 21	26 48	4 24	20 46	20 48	15 11		n.a.
S 10	12 2	11 37	4 55	20 34	1 4	14 9	0 6	20 42	1 25	18 56	1 18	22 23	1 28	4 21	0 42	20 39	1 21	26 48	4 24	20 49	20 48	15 8		n.a.
M11	12 22	16 37	5 0	20 34	0 54	14 36	0 8	20 34	1 23	18 55	1 18	22 22	1 28	4 20	0 42	20 38	1 21	26 48	4 24	20 51	20 49	15 6		n.a.
T 12	12 42	20 56	4 50	20 33	0 43	15 2	0 10	20 25	1 21	18 53	1 19	22 22	1 28	4 19	0 42	20 38	1 21	26 49	4 24	20 54	20 50	15 3		n.a.
W13	13 2	24 14	4 23	20 30	0 31	15 28	0 13	20 16	1 20	18 51	1 19	22 22	1 28	4 18	0 42	20 38	1 21	26 49	4 24	20 56	20 50	15 0		n.a.
T 14	13 22	26 11	3 41	20 25	0 18	15 54	0 15	20 7	1 18	18 50	1 19	22 22	1 29	4 17	0 42	20 38	1 21	26 49	4 24	20 58	20 51	14 57		n.a.
F 15	13 41	26 35	2 46	20 19	0 5	16 19	0 18	19 58	1 16	18 48	1 19	22 22	1 29	4 16	0 42	20 38	1 21	26 49	4 24	20 59	20 52	14 54		n.a.
S 16	14 0	25 18	1 40	20 11	0s 8	16 44	0 20	19 49	1 14	18 46	1 20	22 22	1 29	4 15	0 42	20 38	1 21	26 50	4 24	21 0	20 52	14 52		n.a.
S 17	14 19	22 26	0 28	20 1	0 22	17 8	0 22	19 40	1 12	18 45	1 20	22 22	1 29	4 14	0 42	20 38	1 21	26 50	4 24	21 0	20 53	14 49		n.a.
M18	14 38	18 13	0n46	19 50	0 37	17 32	0 25	19 30	1 11	18 43	1 20	22 22	1 30	4 13	0 42	20 38	1 21	26 50	4 24	21 0	20 54	14 46		n.a.
T 19	14 57	12 58	1 58	19 38	0 52	17 56	0 27	19 21	1 9	18 42	1 21	22 22	1 30	4 12	0 42	20 37	1 21	26 50	4 24	21 0	20 54	14 43		n.a.
W20	15 15	7 1	3 3	19 24	1 7	18 19	0 29	19 11	1 7	18 41	1 21	22 22	1 30	4 11	0 42	20 37	1 21	26 50	4 24	21 0	20 55	14 40		n.a.
T 21	15 33	0 43	3 57	19 9	1 22	18 41	0 31	19 1	1 6	18 39	1 21	22 22	1 30	4 10	0 42	20 37	1 21	26 51	4 24	21 1	20 56	14 37		n.a.
F 22	15 51	5n36	4 35	18 53	1 38	19 3	0 34	18 51	1 4	18 38	1 22	22 22	1 31	4 9	0 42	20 37	1 21	26 51	4 24	21 2	20 56	14 35		n.a.
S 23	16 9	11 35	4 57	18 36	1 53	19 25	0 36	18 41	1 2	18 37	1 22	22 23	1 31	4 8	0 42	20 37	1 21	26 51	4 24	21 4	20 57	14 32		n.a.
S 24	16 26	16 54	5 1	18 18	2 9	19 46	0 38	18 31	1 0	18 35	1 22	22 23	1 31	4 7	0 42	20 37	1 21	26 51	4 24	21 6	20 58	14 29		n.a.
M25	16 44	21 16	4 47	17 59	2 24	20 6	0 40	18 21	0 59	18 34	1 23	22 23	1 31	4 6	0 42	20 36	1 20	26 52	4 24	21 9	20 58	14 26		n.a.
T 26	17 0	24 26	4 18	17 39	2 40	20 26	0 42	18 10	0 57	18 33	1 23	22 23	1 32	4 5	0 43	20 36	1 20	26 52	4 24	21 11	20 59	14 23		n.a.
W27	17 17	26 11	3 35	17 19	2 54	20 46	0 45	17 59	0 56	18 32	1 23	22 23	1 32	4 4	0 43	20 36	1 20	26 52	4 24	21 13	21 0	14 20		n.a.
T 28	17 33	26 31	2 43	16 59	3 8	21 5	0 47	17 49	0 54	18 31	1 24	22 23	1 32	4 3	0 43	20 36	1 20	26 52	4 24	21 14	21 0	14 18		n.a.
F 29	17 50	25 29	1 44	16 39	3 21	21 23	0 49	17 38	0 52	18 30	1 24	22 24	1 32	4 2	0 43	20 35	1 20	26 53	4 24	21 15	21 1	14 15		n.a.
S 30	18 5	23 14	0 41	16 19	3 34	21 41	0 51	17 27	0 51	18 29	1 24	22 24	1 32	4 1	0 43	20 35	1 20	26 53	4 24	21 15	21 2	14 12		n.a.
S 31	18n21	20n 0	0s23	15n59	3s45	21n58	0n53	17n15	0n49	18s28	1s25	22s24	1s33	4s 1	0s43	20n35	1n20	26n53	4n24	21s15	21s 2	14n 9		n.a.

Julian Day Number = 986660.5, Delta T = 13h07m25s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'25, Lahiri = -31°41'25 Julian Calendar 1 May 2012 BCE == Greg. Calendar 14 Apr. 2012 BCE

The year -2011 astronomical counting style corresponds to year 2012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

JUNE 2012 BCE (-2011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 29 57	21♉51'53	12♌45	25°R15	3♊49	16♌10	13♒31	28°R26	21♓44	5♌29	10♊55	26♑40	27♑41	17♌51	n.a.	M 1
T 2	15 33 54	22°49'01	24°34	24♉34	5° 3	16°43	13°35	28♑25	21°46	5°30	10°57	26°R40	27°38	17°58	n.a.	T 2
W 3	15 37 50	23°46'10	6♍27	23°54	6°16	17°15	13°38	28°25	21°48	5°31	10°58	26°39	27°35	18° 4	n.a.	W 3
T 4	15 41 47	24°43'18	18°28	23°14	7°30	17°48	13°41	28°24	21°50	5°32	11° 0	26°37	27°31	18°11	n.a.	T 4
F 5	15 45 43	25°40'28	0♎43	22°35	8°44	18°21	13°44	28°23	21°52	5°33	11° 2	26°32	27°28	18°18	n.a.	F 5
S 6	15 49 40	26°37'37	13°14	21°59	9°58	18°55	13°47	28°22	21°54	5°34	11° 3	26°25	27°25	18°24	n.a.	S 6
S 7	15 53 36	27°34'48	26° 5	21°24	11°11	19°28	13°50	28°21	21°55	5°35	11° 5	26°16	27°22	18°31	n.a.	S 7
M 8	15 57 33	28°31'59	9♏17	20°53	12°25	20° 2	13°53	28°20	21°57	5°36	11° 7	26° 6	27°19	18°38	n.a.	M 8
T 9	16 1 30	29°29'11	22°49	20°26	13°39	20°36	13°55	28°19	21°59	5°37	11° 8	25°57	27°16	18°44	n.a.	T 9
W10	16 5 26	0♊26'24	6♐37	20° 3	14°53	21°10	13°57	28°18	22° 1	5°38	11°10	25°49	27°12	18°51	n.a.	W10
T 11	16 9 23	1°23'38	20°40	19°44	16° 6	21°44	13°59	28°16	22° 2	5°39	11°12	25°43	27° 9	18°58	n.a.	T 11
F 12	16 13 19	2°20'53	4♑51	19°31	17°20	22°19	14° 1	28°15	22° 4	5°40	11°14	25°39	27° 6	19° 4	n.a.	F 12
S 13	16 17 16	3°18'09	19° 8	19°24	18°34	22°53	14° 3	28°13	22° 6	5°42	11°15	25°D37	27° 3	19°11	n.a.	S 13
S 14	16 21 12	4°15'26	3♒26	19°D22	19°48	23°28	14° 4	28°12	22° 7	5°43	11°17	25°37	27° 0	19°17	n.a.	S 14
M15	16 25 9	5°12'44	17°41	19°26	21° 1	24° 3	14° 5	28°10	22° 9	5°44	11°19	25°38	26°57	19°24	n.a.	M15
T 16	16 29 6	6°10'04	1♓53	19°37	22°15	24°39	14° 6	28° 8	22°10	5°46	11°20	25°R39	26°53	19°31	n.a.	T 16
W17	16 33 2	7° 7'25	15°59	19°53	23°29	25°14	14° 7	28° 6	22°12	5°47	11°22	25°38	26°50	19°37	n.a.	W17
T 18	16 36 59	8° 4'48	29°59	20°16	24°43	25°49	14° 8	28° 4	22°13	5°48	11°24	25°36	26°47	19°44	n.a.	T 18
F 19	16 40 55	9° 2'12	13♈50	20°46	25°56	26°25	14° 8	28° 2	22°14	5°50	11°26	25°32	26°44	19°51	n.a.	F 19
S 20	16 44 52	9°59'38	27°31	21°22	27°10	27° 1	14° 9	28° 0	22°16	5°51	11°27	25°27	26°41	19°57	n.a.	S 20
S 21	16 48 48	10°57'05	11♉ 1	22° 4	28°24	27°37	14°R 9	27°57	22°17	5°52	11°29	25°20	26°37	20° 4	n.a.	S 21
M22	16 52 45	11°54'33	24°17	22°52	29°38	28°13	14° 9	27°55	22°18	5°54	11°31	25°12	26°34	20°11	n.a.	M22
T 23	16 56 41	12°52'03	7♊19	23°47	0♋52	28°50	14° 8	27°52	22°19	5°55	11°33	25° 5	26°31	20°17	n.a.	T 23
W24	17 0 38	13°49'35	20° 6	24°47	2° 5	29°26	14° 8	27°50	22°20	5°57	11°34	25° 0	26°28	20°24	n.a.	W24
T 25	17 4 35	14°47'07	2♋37	25°54	3°19	0♍ 3	14° 7	27°47	22°21	5°58	11°36	24°56	26°25	20°31	n.a.	T 25
F 26	17 8 31	15°44'41	14°54	27° 6	4°33	0°40	14° 6	27°44	22°22	6° 0	11°38	24°53	26°22	20°37	n.a.	F 26
S 27	17 12 28	16°42'16	26°59	28°24	5°47	1°17	14° 5	27°41	22°23	6° 2	11°40	24°D53	26°18	20°44	n.a.	S 27
S 28	17 16 24	17°39'53	8♌54	29°46	7° 0	1°54	14° 4	27°38	22°24	6° 3	11°41	24°54	26°15	20°51	n.a.	S 28
M29	17 20 21	18°37'30	20°44	1♊14	8°14	2°31	14° 2	27°35	22°25	6° 5	11°43	24°55	26°12	20°57	n.a.	M29
T 30	17 24 17	19♊35'09	2♍32	2♊47	9♋28	3♍ 9	14♒ 0	27♑32	22♓26	6♌ 6	11♊45	24♑57	26♑ 9	21♌ 4	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n36	15n58	1s25	15n40	3s55	22n14	0n55	17n 4	0n48	18s28	1s25	22s25	1s33	4s 0	0s43	20n35	1n20	26n54	4n24	21s15	21s 3	14n 6		n.a.
T 2	18 51	11 21	2 23	15 21	4 4	22 30	0 57	16 53	0 46	18 27	1 25	22 25	1 33	3 59	0 43	20 34	1 20	26 54	4 24	21 15	21 3	14 3		n.a.
W 3	19 6	6 18	3 16	15 4	4 11	22 45	0 59	16 41	0 45	18 26	1 26	22 25	1 33	3 58	0 43	20 34	1 20	26 54	4 24	21 15	21 4	14 1		n.a.
T 4	19 20	0 58	4 0	14 49	4 17	23 0	1 1	16 29	0 43	18 26	1 26	22 26	1 34	3 57	0 43	20 34	1 20	26 54	4 24	21 16	21 5	13 58		n.a.
F 5	19 34	4s28	4 35	14 35	4 21	23 14	1 2	16 17	0 42	18 25	1 26	22 26	1 34	3 57	0 43	20 34	1 20	26 55	4 24	21 17	21 5	13 55		n.a.
S 6	19 48	9 52	4 57	14 23	4 24	23 27	1 4	16 6	0 40	18 24	1 27	22 26	1 34	3 56	0 43	20 33	1 20	26 55	4 24	21 18	21 6	13 52		n.a.
S 7	20 1	14 59	5 5	14 13	4 25	23 40	1 6	15 53	0 39	18 24	1 27	22 27	1 34	3 55	0 43	20 33	1 20	26 55	4 24	21 20	21 7	13 49		n.a.
M 8	20 14	19 33	4 57	14 5	4 25	23 52	1 8	15 41	0 37	18 23	1 28	22 27	1 35	3 55	0 43	20 33	1 20	26 56	4 24	21 21	21 7	13 46		n.a.
T 9	20 27	23 14	4 32	14 0	4 23	24 3	1 9	15 29	0 36	18 23	1 28	22 28	1 35	3 54	0 43	20 32	1 20	26 56	4 25	21 23	21 8	13 43		n.a.
W10	20 39	25 39	3 52	13 57	4 19	24 13	1 11	15 16	0 34	18 23	1 28	22 28	1 35	3 53	0 43	20 32	1 20	26 56	4 25	21 25	21 9	13 40		n.a.
T 11	20 51	26 31	2 56	13 57	4 14	24 23	1 12	15 4	0 33	18 23	1 29	22 29	1 35	3 52	0 43	20 32	1 20	26 56	4 25	21 26	21 9	13 38		n.a.
F 12	21 3	25 39	1 49	14 0	4 7	24 32	1 14	14 51	0 31	18 22	1 29	22 29	1 35	3 52	0 43	20 31	1 20	26 57	4 25	21 27	21 10	13 35		n.a.
S 13	21 15	23 6	0 35	14 5	4 0	24 40	1 15	14 38	0 30	18 22	1 29	22 30	1 36	3 51	0 43	20 31	1 20	26 57	4 25	21 27	21 10	13 32		n.a.
S 14	21 26	19 6	0n42	14 13	3 51	24 48	1 17	14 25	0 29	18 22	1 30	22 30	1 36	3 51	0 43	20 31	1 20	26 57	4 25	21 27	21 11	13 29		n.a.
M15	21 36	14 0	1 56	14 24	3 41	24 55	1 18	14 12	0 27	18 22	1 30	22 31	1 36	3 50	0 43	20 30	1 20	26 58	4 25	21 27	21 12	13 26		n.a.
T 16	21 47	8 11	3 3	14 37	3 30	25 1	1 19	13 59	0 26	18 22	1 30	22 32	1 36	3 49	0 43	20 30	1 20	26 58	4 25	21 27	21 12	13 23		n.a.
W17	21 56	2 0	3 58	14 53	3 18	25 6	1 21	13 45	0 24	18 22	1 31	22 32	1 37	3 49	0 43	20 30	1 20	26 58	4 25	21 27	21 13	13 20		n.a.
T 18	22 6	4n14	4 38	15 11	3 6	25 11	1 22	13 32	0 23	18 22	1 31	22 33	1 37	3 48	0 43	20 29	1 20	26 59	4 25	21 27	21 14	13 17		n.a.
F 19	22 15	10 11	5 2	15 32	2 53	25 15	1 23	13 18	0 22	18 23	1 31	22 34	1 37	3 48	0 43	20 29	1 20	26 59	4 25	21 28	21 14	13 15		n.a.
S 20	22 24	15 34	5 8	15 54	2 39	25 18	1 24	13 4	0 20	18 23	1 32	22 34	1 37	3 47	0 43	20 29	1 20	26 59	4 25	21 29	21 15	13 12		n.a.
S 21	22 32	20 7	4 57	16 19	2 25	25 20	1 25	12 51	0 19	18 23	1 32	22 35	1 37	3 47	0 43	20 28	1 20	27 0	4 25	21 30	21 15	13 9		n.a.
M22	22 41	23 35	4 30	16 45	2 11	25 22	1 26	12 37	0 18	18 24	1 32	22 36	1 38	3 46	0 43	20 28	1 20	27 0	4 25	21 32	21 16	13 6		n.a.
T 23	22 48	25 44	3 49	17 13	1 57	25 22	1 27	12 23	0 17	18 24	1 33	22 36	1 38	3 46	0 43	20 27	1 20	27 0	4 25	21 33	21 17	13 3		n.a.
W24	22 55	26 30	2 58	17 42	1 42	25 22	1 28	12 8	0 15	18 24	1 33	22 37	1 38	3 46	0 43	20 27	1 20	27 1	4 25	21 34	21 17	13 0		n.a.
T 25	23 2	25 52	1 58	18 12	1 28	25 21	1 28	11 54	0 14	18 25	1 34	22 38	1 38	3 45	0 43	20 27	1 20	27 1	4 26	21 35	21 18	12 57		n.a.
F 26	23 9	23 58	0 54	18 44	1 13	25 20	1 29	11 39	0 13	18 26	1 34	22 39	1 39	3 45	0 43	20 26	1 20	27 1	4 26	21 35	21 19	12 54		n.a.
S 27	23 15	21 0	0s11	19 15	0 59	25 18	1 30	11 25	0 11	18 26	1 34	22 39	1 39	3 45	0 43	20 26	1 20	27 1	4 26	21 35	21 19	12 51		n.a.
S 28	23 20	17 11	1 16	19 48	0 44	25 14	1 30	11 10	0 10	18 27	1 35	22 40	1 39	3 44	0 43	20 25	1 20	27 2	4 26	21 35	21 20	12 48		n.a.
M29	23 26	12 43	2 16	20 20	0 30	25 10	1 31	10 55	0 9	18 28	1 35	22 41	1 39	3 44	0 44	20 25	1 19	27 2	4 26	21 35	21 20	12 46		n.a.
T 30	23n30	7n49	3s11	20n52	0s17	25n 6	1n31	10n41	0n 8	18s29	1s35	22s42	1s39	3s44	0s44	20n24	1n19	27n 2	4n26	21s35	21s21	12n43		n.a.

Julian Day Number = 986691.5, Delta T = 13h07m22s
Ecliptic obliquity = 23°55'36, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'21, Lahiri = -31°41'20 Julian Calendar 1 June 2012 BCE == Greg. Calendar 15 May 2012 BCE

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

JULY 2012 BCE (-2011) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 28 14	20♊32'49	14♍24	4♊24	10♋42	3♍46	13°R58	27°R29	22♓27	6♌ 8	11♊46	24♑58	26♑ 6	21♌11	n.a.	W 1
T 2	17 32 10	21°30'30	26°25	6° 5	11°55	4°24	13♒56	27♑26	22°27	6°10	11°48	24°R58	26° 3	21°17	n.a.	T 2
F 3	17 36 7	22°28'13	8♎40	7°49	13° 9	5° 2	13°54	27°23	22°28	6°12	11°50	24°57	25°59	21°24	n.a.	F 3
S 4	17 40 4	23°25'57	21°13	9°37	14°23	5°40	13°51	27°19	22°29	6°13	11°52	24°54	25°56	21°31	n.a.	S 4
S 5	17 44 0	24°23'42	4♏ 7	11°28	15°37	6°18	13°49	27°16	22°29	6°15	11°53	24°50	25°53	21°37	n.a.	S 5
M 6	17 47 57	25°21'29	17°25	13°21	16°50	6°57	13°46	27°12	22°30	6°17	11°55	24°46	25°50	21°44	n.a.	M 6
T 7	17 51 53	26°19'18	1♐ 7	15°16	18° 4	7°35	13°43	27° 9	22°30	6°19	11°57	24°42	25°47	21°51	n.a.	T 7
W 8	17 55 50	27°17'08	15°11	17°12	19°18	8°14	13°40	27° 5	22°31	6°20	11°58	24°38	25°43	21°57	n.a.	W 8
T 9	17 59 46	28°14'59	29°34	19°10	20°32	8°52	13°36	27° 1	22°31	6°22	12° 0	24°35	25°40	22° 4	n.a.	T 9
F 10	18 3 43	29°12'53	14♑10	21° 9	21°45	9°31	13°33	26°57	22°31	6°24	12° 2	24°34	25°37	22°11	n.a.	F 10
S 11	18 7 39	0♋10'48	28°52	23° 8	22°59	10°10	13°29	26°53	22°32	6°26	12° 3	24°D33	25°34	22°17	n.a.	S 11
S 12	18 11 36	1° 8'45	13♒34	25° 8	24°13	10°49	13°25	26°50	22°32	6°28	12° 5	24°34	25°31	22°24	n.a.	S 12
M13	18 15 33	2° 6'44	28°10	27° 7	25°26	11°29	13°21	26°46	22°32	6°30	12° 7	24°35	25°28	22°31	n.a.	M13
T 14	18 19 29	3° 4'45	12♓36	29° 6	26°40	12° 8	13°16	26°41	22°32	6°32	12° 8	24°37	25°24	22°37	n.a.	T 14
W15	18 23 26	4° 2'48	26°48	1♋ 5	27°54	12°48	13°12	26°37	22°32	6°34	12°10	24°37	25°21	22°44	n.a.	W15
T 16	18 27 22	5° 0'53	10♈44	3° 3	29° 7	13°27	13° 7	26°33	22°R32	6°36	12°12	24°R38	25°18	22°51	n.a.	T 16
F 17	18 31 19	5°59'01	24°24	5° 1	0♌21	14° 7	13° 2	26°29	22°32	6°38	12°13	24°37	25°15	22°57	n.a.	F 17
S 18	18 35 15	6°57'11	7♉49	6°58	1°35	14°47	12°57	26°25	22°32	6°40	12°15	24°35	25°12	23° 4	n.a.	S 18
S 19	18 39 12	7°55'23	20°57	8°53	2°48	15°27	12°52	26°20	22°32	6°42	12°16	24°33	25° 8	23°11	n.a.	S 19
M20	18 43 8	8°53'37	3♊52	10°48	4° 2	16° 7	12°47	26°16	22°32	6°44	12°18	24°31	25° 5	23°17	n.a.	M20
T 21	18 47 5	9°51'53	16°32	12°42	5°16	16°47	12°41	26°12	22°31	6°46	12°20	24°28	25° 2	23°24	n.a.	T 21
W22	18 51 2	10°50'12	29° 0	14°34	6°29	17°27	12°35	26° 7	22°31	6°48	12°21	24°27	24°59	23°31	n.a.	W22
T 23	18 54 58	11°48'32	11♋16	16°26	7°43	18° 8	12°30	26° 3	22°31	6°50	12°23	24°26	24°56	23°37	n.a.	T 23
F 24	18 58 55	12°46'55	23°22	18°16	8°56	18°49	12°24	25°58	22°30	6°52	12°24	24°D25	24°53	23°44	n.a.	F 24
S 25	19 2 51	13°45'19	5♌20	20° 6	10°10	19°29	12°18	25°54	22°30	6°54	12°26	24°26	24°49	23°51	n.a.	S 25
S 26	19 6 48	14°43'45	17°11	21°54	11°24	20°10	12°11	25°49	22°30	6°56	12°27	24°26	24°46	23°57	n.a.	S 26
M27	19 10 44	15°42'13	28°59	23°41	12°37	20°51	12° 5	25°45	22°29	6°58	12°29	24°27	24°43	24° 4	n.a.	M27
T 28	19 14 41	16°40'43	10♍48	25°26	13°51	21°32	11°58	25°40	22°28	7° 0	12°30	24°28	24°40	24°11	n.a.	T 28
W29	19 18 37	17°39'15	22°39	27°11	15° 4	22°13	11°52	25°36	22°28	7° 2	12°32	24°29	24°37	24°17	n.a.	W29
T 30	19 22 34	18°37'49	4♎39	28°55	16°18	22°54	11°45	25°31	22°27	7° 4	12°33	24°29	24°34	24°24	n.a.	T 30
F 31	19 26 30	19♋36'25	16♎52	0♌37	17♌31	23♍36	11♒38	25♑26	22♓26	7♌ 7	12♊35	24°R29	24♑30	24♌31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n35	2n37	3s58	21n23	0s 4	25n 0	1n32	10n25	0n 6	18s30	1s36	22s43	1s40	3s43	0s44	20n24	1n19	27n 3	4n26	21s34	21s22	12n40		n.a.
T 2	23 39	2s45	4 35	21 54	0n 9	24 54	1 32	10 10	0 5	18 31	1 36	22 44	1 40	3 43	0 44	20 24	1 19	27 3	4 26	21 34	21 22	12 37		n.a.
F 3	23 42	8 5	5 0	22 24	0 20	24 47	1 32	9 55	0 4	18 32	1 36	22 44	1 40	3 43	0 44	20 23	1 19	27 3	4 26	21 35	21 23	12 34		n.a.
S 4	23 46	13 14	5 12	22 52	0 32	24 40	1 32	9 40	0 3	18 33	1 37	22 45	1 40	3 43	0 44	20 23	1 19	27 4	4 26	21 35	21 23	12 31		n.a.
S 5	23 48	17 58	5 9	23 19	0 42	24 31	1 32	9 24	0 2	18 34	1 37	22 46	1 40	3 42	0 44	20 22	1 19	27 4	4 26	21 36	21 24	12 28		n.a.
M 6	23 51	21 59	4 49	23 43	0 52	24 22	1 32	9 9	0 0	18 35	1 37	22 47	1 40	3 42	0 44	20 22	1 19	27 4	4 26	21 36	21 25	12 25		n.a.
T 7	23 52	24 55	4 12	24 6	1 1	24 12	1 32	8 53	0s 1	18 36	1 38	22 48	1 41	3 42	0 44	20 21	1 19	27 5	4 27	21 37	21 25	12 22		n.a.
W 8	23 54	26 23	3 20	24 27	1 9	24 1	1 32	8 37	0 2	18 37	1 38	22 49	1 41	3 42	0 44	20 21	1 19	27 5	4 27	21 38	21 26	12 19		n.a.
T 9	23 55	26 9	2 13	24 45	1 16	23 50	1 32	8 22	0 3	18 39	1 38	22 50	1 41	3 42	0 44	20 20	1 19	27 5	4 27	21 38	21 26	12 16		n.a.
F 10	23 55	24 6	0 57	25 0	1 23	23 38	1 32	8 6	0 4	18 40	1 39	22 51	1 41	3 42	0 44	20 20	1 19	27 6	4 27	21 39	21 27	12 13		n.a.
S 11	23 56	20 25	0n24	25 13	1 29	23 25	1 31	7 50	0 5	18 41	1 39	22 52	1 41	3 42	0 44	20 19	1 19	27 6	4 27	21 39	21 28	12 10		n.a.
S 12	23 55	15 27	1 43	25 24	1 34	23 12	1 31	7 33	0 6	18 43	1 39	22 53	1 42	3 42	0 44	20 19	1 19	27 7	4 27	21 39	21 28	12 8		n.a.
M13	23 55	9 37	2 55	25 32	1 38	22 58	1 30	7 17	0 7	18 44	1 40	22 54	1 42	3 42	0 44	20 18	1 19	27 7	4 27	21 38	21 29	12 5		n.a.
T 14	23 53	3 22	3 55	25 37	1 41	22 43	1 30	7 1	0 9	18 46	1 40	22 55	1 42	3 42	0 44	20 18	1 19	27 7	4 27	21 38	21 29	12 2		n.a.
W15	23 52	2n57	4 39	25 39	1 44	22 28	1 29	6 45	0 10	18 48	1 40	22 56	1 42	3 42	0 44	20 17	1 19	27 8	4 27	21 38	21 30	11 59		n.a.
T 16	23 50	9 1	5 6	25 40	1 46	22 11	1 28	6 28	0 11	18 49	1 40	22 56	1 42	3 42	0 44	20 17	1 19	27 8	4 28	21 38	21 31	11 56		n.a.
F 17	23 47	14 31	5 16	25 37	1 48	21 55	1 28	6 12	0 12	18 51	1 41	22 57	1 42	3 42	0 44	20 16	1 19	27 8	4 28	21 38	21 31	11 53		n.a.
S 18	23 44	19 13	5 7	25 32	1 48	21 37	1 27	5 55	0 13	18 53	1 41	22 58	1 42	3 42	0 44	20 16	1 19	27 9	4 28	21 38	21 32	11 50		n.a.
S 19	23 41	22 54	4 43	25 25	1 48	21 19	1 26	5 38	0 14	18 55	1 41	22 59	1 43	3 42	0 44	20 15	1 19	27 9	4 28	21 39	21 32	11 47		n.a.
M20	23 37	25 21	4 5	25 16	1 48	21 1	1 25	5 21	0 15	18 56	1 42	23 0	1 43	3 42	0 44	20 15	1 19	27 9	4 28	21 39	21 33	11 44		n.a.
T 21	23 33	26 27	3 15	25 5	1 47	20 42	1 24	5 4	0 16	18 58	1 42	23 1	1 43	3 42	0 44	20 14	1 19	27 10	4 28	21 40	21 34	11 41		n.a.
W22	23 28	26 12	2 16	24 51	1 45	20 22	1 23	4 47	0 17	19 0	1 42	23 2	1 43	3 42	0 44	20 14	1 19	27 10	4 28	21 40	21 34	11 38		n.a.
T 23	23 23	24 38	1 12	24 36	1 43	20 1	1 22	4 30	0 18	19 2	1 42	23 3	1 43	3 42	0 44	20 13	1 19	27 10	4 28	21 40	21 35	11 35		n.a.
F 24	23 18	21 57	0 6	24 19	1 41	19 41	1 20	4 13	0 19	19 4	1 43	23 4	1 43	3 42	0 44	20 12	1 19	27 11	4 29	21 40	21 35	11 32		n.a.
S 25	23 12	18 21	1s 0	24 0	1 38	19 19	1 19	3 56	0 20	19 6	1 43	23 5	1 43	3 43	0 44	20 12	1 19	27 11	4 29	21 40	21 36	11 29		n.a.
S 26	23 6	14 3	2 3	23 39	1 34	18 57	1 17	3 39	0 21	19 8	1 43	23 6	1 44	3 43	0 44	20 11	1 19	27 11	4 29	21 40	21 36	11 26		n.a.
M27	22 59	9 15	3 0	23 17	1 31	18 35	1 16	3 22	0 22	19 10	1 43	23 7	1 44	3 43	0 44	20 11	1 19	27 12	4 29	21 40	21 37	11 23		n.a.
T 28	22 52	4 8	3 50	22 54	1 26	18 12	1 14	3 4	0 23	19 12	1 44	23 8	1 44	3 43	0 44	20 10	1 19	27 12	4 29	21 40	21 38	11 20		n.a.
W29	22 44	1s 9	4 30	22 29	1 22	17 48	1 13	2 47	0 24	19 14	1 44	23 9	1 44	3 44	0 44	20 10	1 19	27 12	4 29	21 40	21 38	11 17		n.a.
T 30	22 36	6 26	4 59	22 3	1 17	17 24	1 11	2 29	0 25	19 17	1 44	23 10	1 44	3 44	0 45	20 9	1 19	27 13	4 29	21 40	21 39	11 14		n.a.
F 31	22n28	11s35	5s15	21n36	1n12	17n 0	1n 9	2n12	0s26	19s19	1s44	23s11	1s44	3s44	0s45	20n 9	1n19	27n13	4n29	21s40	21s39	11n12		n.a.

Julian Day Number = 986721.5, Delta T = 13h07m20s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'17, Lahiri = -31°41'16 Julian Calendar 1 July 2012 BCE == Greg. Calendar 14 June 2012 BCE

The year -2011 astronomical counting style corresponds to year 2012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

AUGUST 2012 BCE (-2011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 30 27	20♋35'02	29♎21	2♌19	18♌45	24♍17	11°R31	25°R22	22°R26	7♌ 9	12♊36	24°R29	24♂27	24♌37	n.a.	S 1
S 2	19 34 24	21°33'41	12♏11	3°59	19°58	24°59	11♒24	25♂17	22♓25	7°11	12°38	24♂29	24°24	24°44	n.a.	S 2
M 3	19 38 20	22°32'23	25°26	5°38	21°12	25°41	11°17	25°12	22°24	7°13	12°39	24°29	24°21	24°51	n.a.	M 3
T 4	19 42 17	23°31'06	9♐ 7	7°17	22°25	26°22	11°10	25° 8	22°23	7°15	12°40	24°29	24°18	24°57	n.a.	T 4
W 5	19 46 13	24°29'51	23°15	8°54	23°38	27° 4	11° 2	25° 3	22°22	7°17	12°42	24°D29	24°14	25° 4	n.a.	W 5
T 6	19 50 10	25°28'38	7♂46	10°30	24°52	27°46	10°55	24°58	22°21	7°20	12°43	24°29	24°11	25°11	n.a.	T 6
F 7	19 54 6	26°27'27	22°36	12° 5	26° 5	28°28	10°47	24°53	22°20	7°22	12°44	24°R29	24° 8	25°17	n.a.	F 7
S 8	19 58 3	27°26'19	7♒39	13°39	27°19	29°10	10°40	24°49	22°19	7°24	12°46	24°29	24° 5	25°24	n.a.	S 8
S 9	20 1 59	28°25'12	22°44	15°13	28°32	29°53	10°32	24°44	22°18	7°26	12°47	24°29	24° 2	25°31	n.a.	S 9
M10	20 5 56	29°24'08	7♓43	16°45	29°45	0♎35	10°24	24°39	22°16	7°29	12°48	24°28	23°59	25°37	n.a.	M10
T 11	20 9 53	0♌23'06	22°29	18°16	0♍58	1°18	10°16	24°35	22°15	7°31	12°50	24°28	23°55	25°44	n.a.	T 11
W12	20 13 49	1°22'07	6♈56	19°47	2°12	2° 0	10° 8	24°30	22°14	7°33	12°51	24°27	23°52	25°51	n.a.	W12
T 13	20 17 46	2°21'10	21° 0	21°16	3°25	2°43	10° 1	24°25	22°13	7°35	12°52	24°26	23°49	25°57	n.a.	T 13
F 14	20 21 42	3°20'16	4♉40	22°44	4°38	3°25	9°53	24°21	22°11	7°37	12°53	24°D26	23°46	26° 4	n.a.	F 14
S 15	20 25 39	4°19'24	17°58	24°12	5°51	4° 8	9°45	24°16	22°10	7°40	12°54	24°27	23°43	26°11	n.a.	S 15
S 16	20 29 35	5°18'35	0♊55	25°38	7° 5	4°51	9°37	24°12	22° 8	7°42	12°56	24°27	23°40	26°17	n.a.	S 16
M17	20 33 32	6°17'48	13°34	27° 4	8°18	5°34	9°29	24° 7	22° 7	7°44	12°57	24°28	23°36	26°24	n.a.	M17
T 18	20 37 28	7°17'04	25°58	28°28	9°31	6°17	9°21	24° 3	22° 5	7°46	12°58	24°29	23°33	26°31	n.a.	T 18
W19	20 41 25	8°16'22	8♋10	29°51	10°44	7° 0	9°12	23°58	22° 4	7°49	12°59	24°30	23°30	26°37	n.a.	W19
T 20	20 45 21	9°15'43	20°13	1♍14	11°57	7°44	9° 4	23°54	22° 2	7°51	13° 0	24°R31	23°27	26°44	n.a.	T 20
F 21	20 49 18	10°15'06	2♌ 9	2°35	13°10	8°27	8°56	23°49	22° 1	7°53	13° 1	24°31	23°24	26°51	n.a.	F 21
S 22	20 53 15	11°14'31	14° 0	3°55	14°23	9°11	8°48	23°45	21°59	7°55	13° 2	24°30	23°20	26°57	n.a.	S 22
S 23	20 57 11	12°13'58	25°49	5°13	15°36	9°54	8°40	23°40	21°57	7°58	13° 3	24°28	23°17	27° 4	n.a.	S 23
M24	21 1 8	13°13'27	7♍38	6°31	16°49	10°38	8°32	23°36	21°55	8° 0	13° 4	24°25	23°14	27°11	n.a.	M24
T 25	21 5 4	14°12'59	19°28	7°47	18° 2	11°21	8°24	23°32	21°54	8° 2	13° 5	24°22	23°11	27°17	n.a.	T 25
W26	21 9 1	15°12'32	1♎22	9° 1	19°15	12° 5	8°16	23°28	21°52	8° 4	13° 6	24°19	23° 8	27°24	n.a.	W26
T 27	21 12 57	16°12'08	13°24	10°14	20°28	12°49	8° 8	23°24	21°50	8° 6	13° 7	24°16	23° 5	27°31	n.a.	T 27
F 28	21 16 54	17°11'45	25°36	11°26	21°41	13°33	8° 0	23°19	21°48	8° 9	13° 8	24°13	23° 1	27°37	n.a.	F 28
S 29	21 20 50	18°11'25	8♏ 2	12°35	22°54	14°17	7°52	23°15	21°46	8°11	13° 9	24°11	22°58	27°44	n.a.	S 29
S 30	21 24 47	19°11'06	20°47	13°43	24° 7	15° 1	7°45	23°11	21°44	8°13	13°10	24°D11	22°55	27°51	n.a.	S 30
M31	21 28 43	20♌10'50	3♐53	14♍48	25♍19	15♎45	7♒37	23♂ 8	21♓42	8♌15	13♊11	24♂12	22♂52	27♌57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n19	16s23	5s16	21n 8	1n 7	16n35	1n 8	1n54	0s27	19s21	1s45	23s12	1s44	3s45	0s45	20n 8	1n19	27n13	4n30	21s40	21s40	11n 9		n.a.
S 2	22 10	20 35	5 3	20 39	1 1	16 9	1 6	1 37	0 28	19 23	1 45	23 13	1 44	3 45	0 45	20 7	1 19	27 14	4 30	21 40	21 40	11 6		n.a.
M 3	22 0	23 55	4 33	20 9	0 56	15 44	1 4	1 19	0 29	19 25	1 45	23 14	1 44	3 45	0 45	20 7	1 19	27 14	4 30	21 40	21 41	11 3		n.a.
T 4	21 50	26 0	3 46	19 38	0 50	15 17	1 2	1 1	0 30	19 28	1 45	23 15	1 44	3 46	0 45	20 6	1 19	27 14	4 30	21 40	21 42	11 0		n.a.
W 5	21 39	26 30	2 45	19 6	0 43	14 51	1 0	0 43	0 31	19 30	1 45	23 16	1 45	3 46	0 45	20 6	1 19	27 15	4 30	21 40	21 42	10 57		n.a.
T 6	21 29	25 13	1 32	18 33	0 37	14 24	0 57	0 25	0 32	19 32	1 46	23 17	1 45	3 47	0 45	20 5	1 19	27 15	4 30	21 40	21 43	10 54		n.a.
F 7	21 17	22 9	0 10	18 0	0 30	13 57	0 55	0 8	0 32	19 34	1 46	23 18	1 45	3 47	0 45	20 5	1 19	27 15	4 31	21 40	21 43	10 51		n.a.
S 8	21 6	17 34	1n13	17 26	0 24	13 29	0 53	0s10	0 33	19 37	1 46	23 19	1 45	3 48	0 45	20 4	1 19	27 16	4 31	21 40	21 44	10 48		n.a.
S 9	20 54	11 51	2 31	16 52	0 17	13 1	0 51	0 28	0 34	19 39	1 46	23 20	1 45	3 48	0 45	20 3	1 19	27 16	4 31	21 40	21 44	10 45		n.a.
M10	20 41	5 29	3 38	16 17	0 10	12 32	0 48	0 46	0 35	19 41	1 46	23 21	1 45	3 49	0 45	20 3	1 19	27 16	4 31	21 40	21 45	10 42		n.a.
T 11	20 29	1n 4	4 29	15 42	0 3	12 4	0 46	1 4	0 36	19 44	1 46	23 22	1 45	3 49	0 45	20 2	1 19	27 17	4 31	21 40	21 46	10 39		n.a.
W12	20 16	7 25	5 3	15 7	0s 5	11 35	0 43	1 22	0 37	19 46	1 46	23 23	1 45	3 50	0 45	20 2	1 19	27 17	4 31	21 40	21 46	10 36		n.a.
T 13	20 2	13 14	5 17	14 31	0 12	11 5	0 41	1 40	0 38	19 48	1 46	23 24	1 45	3 50	0 45	20 1	1 19	27 17	4 31	21 40	21 47	10 33		n.a.
F 14	19 48	18 13	5 12	13 55	0 19	10 36	0 38	1 58	0 38	19 51	1 47	23 25	1 45	3 51	0 45	20 1	1 19	27 18	4 32	21 40	21 47	10 30		n.a.
S 15	19 34	22 11	4 51	13 18	0 27	10 6	0 36	2 16	0 39	19 53	1 47	23 25	1 45	3 51	0 45	20 0	1 19	27 18	4 32	21 40	21 48	10 27		n.a.
S 16	19 20	24 55	4 15	12 42	0 34	9 36	0 33	2 35	0 40	19 55	1 47	23 26	1 45	3 52	0 45	19 59	1 19	27 18	4 32	21 40	21 48	10 24		n.a.
M17	19 5	26 20	3 28	12 5	0 42	9 6	0 30	2 53	0 41	19 57	1 47	23 27	1 45	3 53	0 45	19 59	1 19	27 19	4 32	21 40	21 49	10 21		n.a.
T 18	18 49	26 24	2 32	11 28	0 50	8 35	0 28	3 11	0 42	20 0	1 47	23 28	1 45	3 53	0 45	19 58	1 19	27 19	4 32	21 40	21 50	10 18		n.a.
W19	18 34	25 9	1 29	10 52	0 57	8 4	0 25	3 29	0 42	20 2	1 47	23 29	1 45	3 54	0 45	19 58	1 19	27 19	4 32	21 39	21 50	10 15		n.a.
T 20	18 18	22 46	0 24	10 15	1 5	7 33	0 22	3 47	0 43	20 4	1 47	23 30	1 45	3 55	0 45	19 57	1 19	27 20	4 33	21 39	21 51	10 12		n.a.
F 21	18 2	19 24	0s42	9 38	1 12	7 2	0 19	4 5	0 44	20 6	1 47	23 30	1 45	3 55	0 45	19 56	1 19	27 20	4 33	21 39	21 51	10 9		n.a.
S 22	17 45	15 17	1 46	9 2	1 20	6 31	0 16	4 23	0 45	20 9	1 47	23 31	1 45	3 56	0 45	19 56	1 19	27 20	4 33	21 39	21 52	10 6		n.a.
S 23	17 28	10 36	2 44	8 26	1 28	5 59	0 13	4 42	0 45	20 11	1 47	23 32	1 45	3 57	0 45	19 55	1 19	27 20	4 33	21 40	21 52	10 3		n.a.
M24	17 11	5 33	3 36	7 50	1 35	5 28	0 10	5 0	0 46	20 13	1 47	23 33	1 45	3 57	0 45	19 55	1 19	27 21	4 33	21 40	21 53	10 0		n.a.
T 25	16 54	0 18	4 18	7 15	1 42	4 56	0 7	5 18	0 47	20 15	1 47	23 34	1 45	3 58	0 45	19 54	1 19	27 21	4 34	21 41	21 53	9 57		n.a.
W26	16 36	4s58	4 50	6 39	1 50	4 24	0 4	5 36	0 48	20 17	1 47	23 34	1 45	3 59	0 45	19 54	1 19	27 21	4 34	21 41	21 54	9 54		n.a.
T 27	16 18	10 7	5 9	6 5	1 57	3 52	0 1	5 54	0 48	20 20	1 47	23 35	1 45	4 0	0 45	19 53	1 19	27 22	4 34	21 42	21 54	9 51		n.a.
F 28	16 0	14 57	5 15	5 31	2 4	3 20	0s 2	6 12	0 49	20 22	1 47	23 36	1 45	4 0	0 45	19 52	1 19	27 22	4 34	21 42	21 55	9 48		n.a.
S 29	15 41	19 16	5 6	4 58	2 11	2 47	0 6	6 30	0 50	20 24	1 47	23 36	1 45	4 1	0 45	19 52	1 19	27 22	4 34	21 43	21 56	9 45		n.a.
S 30	15 22	22 49	4 42	4 25	2 18	2 15	0 9	6 48	0 50	20 26	1 47	23 37	1 45	4 2	0 45	19 51	1 19	27 23	4 34	21 43	21 56	9 42		n.a.
M31	15n 3	25s19	4s 2	3n53	2s24	1n43	0s12	7s 6	0s51	20s28	1s47	23s38	1s45	4s 3	0s45	19n51	1n19	27n23	4n35	21s43	21s57	9n39		n.a.

Julian Day Number = 986752.5, Delta T = 13h07m18s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'13, Lahiri = -31°41'12 Julian Calendar 1 Aug. 2012 BCE == Greg. Calendar 15 July 2012 BCE

The year -2011 astronomical counting style corresponds to year 2012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

SEPTEMBER 2012 BCE (-2011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 32 40	21♌10'35	17♐24	15♍51	26♍32	16♎29	7°R29	23°R 4	21°R40	8♌18	13♊11	24♑13	22♑49	28♌ 4	n.a.	T 1
W 2	21 36 37	22°10'22	1♑23	16°52	27°45	17°14	7♒22	23♑ 0	21♓38	8°20	13°12	24°15	22°46	28°11	n.a.	W 2
T 3	21 40 33	23°10'11	15°48	17°50	28°58	17°58	7°14	22°56	21°36	8°22	13°13	24°16	22°42	28°17	n.a.	T 3
F 4	21 44 30	24°10'02	0♒37	18°45	0♎10	18°43	7° 7	22°52	21°34	8°24	13°14	24°R16	22°39	28°24	n.a.	F 4
S 5	21 48 26	25° 9'55	15°44	19°36	1°23	19°27	7° 0	22°49	21°32	8°26	13°14	24°14	22°36	28°31	n.a.	S 5
S 6	21 52 23	26° 9'50	1♓ 0	20°24	2°35	20°12	6°52	22°45	21°29	8°28	13°15	24°12	22°33	28°37	n.a.	S 6
M 7	21 56 19	27° 9'47	16°15	21° 7	3°48	20°56	6°45	22°42	21°27	8°31	13°16	24° 7	22°30	28°44	n.a.	M 7
T 8	22 0 16	28° 9'46	1♈19	21°46	5° 0	21°41	6°38	22°39	21°25	8°33	13°16	24° 2	22°26	28°51	n.a.	T 8
W 9	22 4 12	29° 9'48	16° 3	22°20	6°13	22°26	6°31	22°35	21°23	8°35	13°17	23°57	22°23	28°57	n.a.	W 9
T 10	22 8 9	0♍ 9'52	0♉20	22°49	7°25	23°11	6°25	22°32	21°21	8°37	13°18	23°53	22°20	29° 4	n.a.	T 10
F 11	22 12 5	1° 9'58	14°10	23°11	8°38	23°55	6°18	22°29	21°18	8°39	13°18	23°50	22°17	29°11	n.a.	F 11
S 12	22 16 2	2°10'06	27°30	23°27	9°50	24°40	6°12	22°26	21°16	8°41	13°19	23°D48	22°14	29°17	n.a.	S 12
S 13	22 19 59	3°10'17	10♊25	23°35	11° 2	25°25	6° 5	22°23	21°14	8°43	13°19	23°49	22°11	29°24	n.a.	S 13
M14	22 23 55	4°10'31	22°58	23°R36	12°15	26°10	5°59	22°20	21°11	8°45	13°20	23°50	22° 7	29°31	n.a.	M14
T 15	22 27 52	5°10'46	5♋14	23°28	13°27	26°56	5°53	22°17	21° 9	8°47	13°20	23°51	22° 4	29°37	n.a.	T 15
W16	22 31 48	6°11'04	17°17	23°11	14°39	27°41	5°47	22°14	21° 7	8°49	13°21	23°53	22° 1	29°44	n.a.	W16
T 17	22 35 45	7°11'24	29°12	22°45	15°51	28°26	5°41	22°12	21° 4	8°51	13°21	23°R53	21°58	29°51	n.a.	T 17
F 18	22 39 41	8°11'45	11♌ 1	22°10	17° 3	29°11	5°35	22° 9	21° 2	8°53	13°21	23°51	21°55	29°57	n.a.	F 18
S 19	22 43 38	9°12'09	22°49	21°25	18°15	29°57	5°30	22° 7	20°59	8°55	13°22	23°47	21°52	0♍ 4	n.a.	S 19
S 20	22 47 34	10°12'35	4♍38	20°30	19°27	0♏42	5°25	22° 4	20°57	8°57	13°22	23°41	21°48	0°11	n.a.	S 20
M21	22 51 31	11°13'02	16°30	19°28	20°39	1°28	5°19	22° 2	20°54	8°59	13°22	23°33	21°45	0°18	n.a.	M21
T 22	22 55 27	12°13'32	28°26	18°18	21°51	2°13	5°14	22° 0	20°52	9° 1	13°23	23°23	21°42	0°24	n.a.	T 22
W23	22 59 24	13°14'03	10♎27	17° 3	23° 3	2°59	5°10	21°58	20°49	9° 3	13°23	23°13	21°39	0°31	n.a.	W23
T 24	23 3 21	14°14'36	22°36	15°44	24°15	3°45	5° 5	21°56	20°47	9° 5	13°23	23° 3	21°36	0°38	n.a.	T 24
F 25	23 7 17	15°15'10	4♏55	14°25	25°26	4°30	5° 0	21°54	20°44	9° 7	13°23	22°55	21°32	0°44	n.a.	F 25
S 26	23 11 14	16°15'46	17°24	13° 7	26°38	5°16	4°56	21°52	20°42	9° 9	13°24	22°49	21°29	0°51	n.a.	S 26
S 27	23 15 10	17°16'24	0♐ 8	11°53	27°50	6° 2	4°52	21°51	20°40	9°11	13°24	22°45	21°26	0°58	n.a.	S 27
M28	23 19 7	18°17'03	13° 9	10°45	29° 1	6°48	4°48	21°49	20°37	9°13	13°24	22°D43	21°23	1° 4	n.a.	M28
T 29	23 23 3	19°17'43	26°31	9°46	0♏13	7°34	4°44	21°48	20°35	9°14	13°24	22°44	21°20	1°11	n.a.	T 29
W30	23 27 0	20♍18'25	10♑16	8♍57	1♏24	8♏20	4♒41	21♑46	20♓32	9♌16	13♊24	22♑44	21♑17	1♍18	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n44	26s27	3s 9	3n23	2s30	1n10	0s15	7s24	0s52	20s30	1s47	23s38	1s45	4s 4	0s45	19n50	1n19	27n23	4n35	21s42	21s57	9n36		n.a.
W 2	14 24	25 58	2 2	2 54	2 36	0 38	0 18	7 42	0 53	20 32	1 47	23 39	1 45	4 5	0 45	19 50	1 19	27 23	4 35	21 42	21 58	9 33		n.a.
T 3	14 4	23 44	0 46	2 25	2 42	0 5	0 22	8 0	0 53	20 34	1 47	23 40	1 45	4 5	0 45	19 49	1 19	27 24	4 35	21 42	21 58	9 30		n.a.
F 4	13 44	19 52	0n35	1 59	2 47	0s27	0 25	8 18	0 54	20 35	1 47	23 40	1 45	4 6	0 45	19 48	1 19	27 24	4 35	21 42	21 59	9 27		n.a.
S 5	13 24	14 37	1 55	1 34	2 52	1 0	0 28	8 36	0 54	20 37	1 47	23 41	1 45	4 7	0 45	19 48	1 19	27 24	4 36	21 42	21 59	9 24		n.a.
S 6	13 3	8 25	3 8	1 11	2 57	1 32	0 32	8 54	0 55	20 39	1 47	23 41	1 45	4 8	0 45	19 47	1 19	27 25	4 36	21 43	22 0	9 21		n.a.
M 7	12 42	1 45	4 7	0 50	3 1	2 4	0 35	9 11	0 56	20 41	1 47	23 42	1 45	4 9	0 45	19 47	1 19	27 25	4 36	21 43	22 0	9 18		n.a.
T 8	12 21	4n55	4 48	0 31	3 4	2 37	0 38	9 29	0 56	20 43	1 47	23 43	1 45	4 10	0 45	19 46	1 20	27 25	4 36	21 44	22 1	9 15		n.a.
W 9	12 0	11 10	5 9	0 15	3 6	3 9	0 42	9 47	0 57	20 44	1 47	23 43	1 45	4 11	0 45	19 46	1 20	27 25	4 36	21 45	22 1	9 12		n.a.
T 10	11 38	16 38	5 10	0 2	3 8	3 41	0 45	10 4	0 57	20 46	1 46	23 44	1 45	4 12	0 45	19 45	1 20	27 26	4 37	21 46	22 2	9 9		n.a.
F 11	11 17	21 3	4 52	0s 7	3 9	4 14	0 48	10 22	0 58	20 47	1 46	23 44	1 45	4 13	0 45	19 45	1 20	27 26	4 37	21 47	22 2	9 6		n.a.
S 12	10 55	24 12	4 20	0 14	3 9	4 46	0 52	10 39	0 59	20 49	1 46	23 45	1 45	4 13	0 45	19 44	1 20	27 26	4 37	21 47	22 3	9 3		n.a.
S 13	10 33	26 0	3 34	0 16	3 8	5 18	0 55	10 57	0 59	20 50	1 46	23 45	1 45	4 14	0 45	19 44	1 20	27 26	4 37	21 47	22 4	9 0		n.a.
M14	10 11	26 24	2 40	0 14	3 5	5 50	0 58	11 14	1 0	20 52	1 46	23 45	1 45	4 15	0 45	19 43	1 20	27 27	4 37	21 47	22 4	8 57		n.a.
T 15	9 48	25 29	1 40	0 7	3 1	6 21	1 2	11 31	1 0	20 53	1 46	23 46	1 45	4 16	0 45	19 42	1 20	27 27	4 37	21 46	22 5	8 54		n.a.
W16	9 26	23 22	0 36	0n 5	2 55	6 53	1 5	11 48	1 1	20 55	1 46	23 46	1 45	4 17	0 46	19 42	1 20	27 27	4 38	21 46	22 5	8 51		n.a.
T 17	9 3	20 16	0s29	0 22	2 48	7 24	1 8	12 5	1 1	20 56	1 45	23 47	1 45	4 18	0 46	19 41	1 20	27 27	4 38	21 46	22 6	8 48		n.a.
F 18	8 40	16 21	1 32	0 44	2 39	7 56	1 12	12 22	1 2	20 57	1 45	23 47	1 45	4 19	0 46	19 41	1 20	27 28	4 38	21 46	22 6	8 45		n.a.
S 19	8 17	11 50	2 30	1 13	2 28	8 27	1 15	12 39	1 2	20 59	1 45	23 47	1 45	4 20	0 46	19 40	1 20	27 28	4 38	21 47	22 7	8 42		n.a.
S 20	7 54	6 53	3 22	1 46	2 15	8 58	1 18	12 56	1 3	21 0	1 45	23 48	1 45	4 21	0 46	19 40	1 20	27 28	4 38	21 48	22 7	8 39		n.a.
M21	7 30	1 41	4 5	2 24	2 1	9 29	1 21	13 13	1 3	21 1	1 45	23 48	1 44	4 22	0 46	19 39	1 20	27 28	4 39	21 50	22 8	8 36		n.a.
T 22	7 7	3s36	4 38	3 7	1 44	9 59	1 25	13 29	1 4	21 2	1 45	23 48	1 44	4 23	0 46	19 39	1 20	27 29	4 39	21 51	22 8	8 33		n.a.
W23	6 43	8 47	4 59	3 54	1 26	10 29	1 28	13 46	1 4	21 3	1 44	23 49	1 44	4 24	0 46	19 38	1 20	27 29	4 39	21 53	22 9	8 30		n.a.
T 24	6 19	13 41	5 6	4 42	1 7	10 59	1 31	14 2	1 5	21 4	1 44	23 49	1 44	4 25	0 46	19 38	1 20	27 29	4 39	21 55	22 9	8 27		n.a.
F 25	5 56	18 6	5 0	5 32	0 47	11 29	1 34	14 18	1 5	21 5	1 44	23 49	1 44	4 26	0 46	19 37	1 20	27 29	4 39	21 56	22 10	8 24		n.a.
S 26	5 32	21 49	4 39	6 22	0 26	11 59	1 37	14 34	1 6	21 6	1 44	23 49	1 44	4 27	0 46	19 37	1 20	27 30	4 40	21 57	22 10	8 21		n.a.
S 27	5 8	24 33	4 4	7 10	0 6	12 28	1 40	14 50	1 6	21 6	1 44	23 49	1 44	4 28	0 46	19 37	1 20	27 30	4 40	21 58	22 11	8 18		n.a.
M28	4 43	26 4	3 16	7 54	0n14	12 57	1 43	15 6	1 7	21 7	1 43	23 50	1 44	4 29	0 46	19 36	1 20	27 30	4 40	21 58	22 11	8 15		n.a.
T 29	4 19	26 8	2 16	8 35	0 34	13 26	1 46	15 22	1 7	21 8	1 43	23 50	1 44	4 30	0 46	19 36	1 20	27 30	4 40	21 58	22 12	8 12		n.a.
W30	3n55	24s37	1s 6	9n10	0n52	13s54	1s49	15s38	1s 7	21s 9	1s43	23s50	1s44	4s31	0s46	19n35	1n20	27n30	4n40	21s58	22s12	8n 9		n.a.

Julian Day Number = 986783.5, Delta T = 13h07m16s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'08, Lahiri = -31°41'08 Julian Calendar 1 Sept. 2012 BCE == Greg. Calendar 15 Aug. 2012 BCE

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

OCTOBER 2012 BCE (-2011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 30 56	21♍19'08	24♉25	8°R19	2♏35	9♏ 6	4°R38	21°R45	20°R30	9♘18	13°R24	22°R45	21♉13	1♍24	n.a.	T 1
F 2	23 34 53	22°19'53	8♒58	7♍53	3°47	9°52	4♒34	21♉44	20♓27	9°20	13♊24	22♉44	21°10	1°31	n.a.	F 2
S 3	23 38 50	23°20'38	23°52	7°38	4°58	10°38	4°32	21°43	20°25	9°22	13°24	22°40	21° 7	1°38	n.a.	S 3
S 4	23 42 46	24°21'25	9♓ 1	7°D35	6° 9	11°24	4°29	21°42	20°22	9°23	13°24	22°34	21° 4	1°44	n.a.	S 4
M 5	23 46 43	25°22'13	24°14	7°43	7°20	12°10	4°26	21°41	20°20	9°25	13°24	22°26	21° 1	1°51	n.a.	M 5
T 6	23 50 39	26°23'03	9♈22	8° 1	8°31	12°56	4°24	21°41	20°17	9°27	13°24	22°16	20°57	1°58	n.a.	T 6
W 7	23 54 36	27°23'54	24°14	8°29	9°42	13°42	4°22	21°40	20°15	9°28	13°24	22° 5	20°54	2° 4	n.a.	W 7
T 8	23 58 32	28°24'47	8♉42	9° 5	10°52	14°28	4°20	21°40	20°12	9°30	13°23	21°56	20°51	2°11	n.a.	T 8
F 9	0 2 29	29°25'42	22°41	9°48	12° 3	15°15	4°18	21°39	20°10	9°32	13°23	21°49	20°48	2°18	n.a.	F 9
S 10	0 6 25	0♎26'38	6♊10	10°38	13°14	16° 1	4°17	21°39	20° 7	9°33	13°23	21°44	20°45	2°24	n.a.	S 10
S 11	0 10 22	1°27'36	19°10	11°35	14°24	16°47	4°15	21°39	20° 5	9°35	13°23	21°41	20°42	2°31	n.a.	S 11
M12	0 14 19	2°28'35	1♋45	12°36	15°35	17°34	4°14	21°D39	20° 2	9°36	13°22	21°D40	20°38	2°38	n.a.	M12
T 13	0 18 15	3°29'36	14° 1	13°42	16°45	18°20	4°13	21°39	20° 0	9°38	13°22	21°40	20°35	2°44	n.a.	T 13
W14	0 22 12	4°30'38	26° 2	14°52	17°55	19° 7	4°12	21°39	19°58	9°39	13°22	21°R41	20°32	2°51	n.a.	W14
T 15	0 26 8	5°31'42	7♌53	16° 5	19° 5	19°53	4°12	21°39	19°55	9°41	13°21	21°39	20°29	2°58	n.a.	T 15
F 16	0 30 5	6°32'46	19°41	17°21	20°15	20°40	4°12	21°40	19°53	9°42	13°21	21°36	20°26	3° 4	n.a.	F 16
S 17	0 34 1	7°33'53	1♍29	18°40	21°25	21°26	4°D12	21°40	19°50	9°43	13°21	21°29	20°23	3°11	n.a.	S 17
S 18	0 37 58	8°35'00	13°20	20° 1	22°35	22°13	4°12	21°41	19°48	9°45	13°20	21°20	20°19	3°18	n.a.	S 18
M19	0 41 54	9°36'08	25°17	21°23	23°45	22°59	4°12	21°41	19°46	9°46	13°20	21° 8	20°16	3°25	n.a.	M19
T 20	0 45 51	10°37'18	7♎21	22°47	24°54	23°46	4°13	21°42	19°43	9°47	13°19	20°54	20°13	3°31	n.a.	T 20
W21	0 49 48	11°38'29	19°35	24°12	26° 4	24°33	4°13	21°43	19°41	9°49	13°19	20°39	20°10	3°38	n.a.	W21
T 22	0 53 44	12°39'40	1♏58	25°39	27°13	25°19	4°14	21°44	19°39	9°50	13°18	20°25	20° 7	3°45	n.a.	T 22
F 23	0 57 41	13°40'52	14°30	27° 6	28°23	26° 6	4°16	21°45	19°37	9°51	13°18	20°13	20° 3	3°51	n.a.	F 23
S 24	1 1 37	14°42'05	27°13	28°34	29°32	26°53	4°17	21°47	19°34	9°52	13°17	20° 3	20° 0	3°58	n.a.	S 24
S 25	1 5 34	15°43'19	10♐ 7	0♎ 3	0♐41	27°40	4°18	21°48	19°32	9°54	13°16	19°56	19°57	4° 5	n.a.	S 25
M26	1 9 30	16°44'33	23°13	1°32	1°49	28°26	4°20	21°49	19°30	9°55	13°16	19°52	19°54	4°11	n.a.	M26
T 27	1 13 27	17°45'48	6♑34	3° 2	2°58	29°13	4°22	21°51	19°28	9°56	13°15	19°50	19°51	4°18	n.a.	T 27
W28	1 17 23	18°47'03	20°11	4°32	4° 7	29°59	4°24	21°53	19°26	9°57	13°14	19°50	19°48	4°25	n.a.	W28
T 29	1 21 20	19°48'18	4♒ 7	6° 3	5°15	0♐47	4°27	21°54	19°24	9°58	13°14	19°50	19°44	4°31	n.a.	T 29
F 30	1 25 17	20°49'34	18°22	7°34	6°23	1°33	4°29	21°56	19°22	9°59	13°13	19°48	19°41	4°38	n.a.	F 30
S 31	1 29 13	21♎50'50	2♓54	9♎ 5	7♐31	2♐20	4♒32	21♉58	19♓20	10♘ 0	13♊12	19♉44	19♉38	4♍45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n31	21s32	0n 9	9n40	1n 8	14s22	1s52	15s53	1s 8	21s 9	1s43	23s50	1s44	4s32	0s46	19n35	1n20	27n31	4n41	21s58	22s13	8n 6		n.a.
F 2	3 6	17 0	1 26	10 4	1 23	14 49	1 55	16 8	1 8	21 10	1 42	23 50	1 44	4 33	0 45	19 34	1 20	27 31	4 41	21 58	22 13	8 3		n.a.
S 3	2 42	11 21	2 38	10 21	1 36	15 17	1 58	16 24	1 9	21 10	1 42	23 50	1 43	4 34	0 45	19 34	1 20	27 31	4 41	21 59	22 14	7 59		n.a.
S 4	2 17	4 57	3 41	10 33	1 47	15 44	2 0	16 39	1 9	21 11	1 42	23 50	1 43	4 35	0 45	19 33	1 20	27 31	4 41	22 0	22 14	7 56		n.a.
M 5	1 53	1n45	4 28	10 38	1 56	16 10	2 3	16 54	1 9	21 11	1 42	23 50	1 43	4 36	0 45	19 33	1 20	27 31	4 41	22 1	22 15	7 53		n.a.
T 6	1 28	8 18	4 56	10 39	2 4	16 36	2 6	17 8	1 10	21 11	1 41	23 50	1 43	4 37	0 45	19 33	1 20	27 32	4 42	22 3	22 15	7 50		n.a.
W 7	1 3	14 15	5 3	10 34	2 10	17 2	2 8	17 23	1 10	21 12	1 41	23 50	1 43	4 38	0 45	19 32	1 21	27 32	4 42	22 4	22 16	7 47		n.a.
T 8	0 39	19 15	4 50	10 24	2 15	17 27	2 11	17 37	1 10	21 12	1 41	23 50	1 43	4 39	0 45	19 32	1 21	27 32	4 42	22 6	22 16	7 44		n.a.
F 9	0 14	23 1	4 21	10 11	2 18	17 52	2 13	17 52	1 11	21 12	1 41	23 50	1 43	4 40	0 45	19 31	1 21	27 32	4 42	22 7	22 17	7 41		n.a.
S 10	0s11	25 20	3 37	9 53	2 20	18 16	2 15	18 6	1 11	21 12	1 40	23 50	1 43	4 41	0 45	19 31	1 21	27 32	4 42	22 8	22 17	7 38		n.a.
S 11	0 36	26 12	2 44	9 32	2 22	18 40	2 18	18 20	1 11	21 12	1 40	23 50	1 43	4 42	0 45	19 31	1 21	27 32	4 43	22 8	22 18	7 35		n.a.
M12	1 0	25 39	1 44	9 8	2 22	19 4	2 20	18 33	1 12	21 12	1 40	23 50	1 43	4 43	0 45	19 30	1 21	27 33	4 43	22 9	22 18	7 32		n.a.
T 13	1 25	23 51	0 41	8 42	2 21	19 27	2 22	18 47	1 12	21 12	1 40	23 50	1 42	4 44	0 45	19 30	1 21	27 33	4 43	22 8	22 19	7 29		n.a.
W14	1 50	21 0	0s23	8 12	2 19	19 49	2 24	19 0	1 12	21 12	1 39	23 50	1 42	4 45	0 45	19 29	1 21	27 33	4 43	22 8	22 19	7 26		n.a.
T 15	2 14	17 18	1 25	7 41	2 17	20 11	2 26	19 14	1 12	21 12	1 39	23 50	1 42	4 46	0 45	19 29	1 21	27 33	4 43	22 9	22 20	7 23		n.a.
F 16	2 39	12 57	2 23	7 8	2 14	20 33	2 28	19 27	1 13	21 12	1 39	23 49	1 42	4 47	0 45	19 29	1 21	27 33	4 44	22 9	22 20	7 20		n.a.
S 17	3 4	8 9	3 14	6 34	2 10	20 53	2 30	19 40	1 13	21 12	1 39	23 49	1 42	4 48	0 45	19 28	1 21	27 33	4 44	22 10	22 21	7 17		n.a.
S 18	3 28	3 2	3 57	5 58	2 6	21 14	2 32	19 52	1 13	21 11	1 38	23 49	1 42	4 49	0 45	19 28	1 21	27 33	4 44	22 12	22 21	7 14		n.a.
M19	3 53	2s12	4 30	5 21	2 2	21 34	2 33	20 5	1 13	21 11	1 38	23 49	1 42	4 50	0 45	19 28	1 21	27 34	4 44	22 14	22 22	7 11		n.a.
T 20	4 17	7 25	4 52	4 42	1 57	21 53	2 35	20 17	1 14	21 11	1 38	23 49	1 42	4 50	0 45	19 27	1 21	27 34	4 44	22 16	22 22	7 8		n.a.
W21	4 42	12 25	5 0	4 3	1 52	22 11	2 36	20 29	1 14	21 10	1 37	23 48	1 42	4 51	0 45	19 27	1 21	27 34	4 45	22 18	22 23	7 5		n.a.
T 22	5 6	16 58	4 54	3 23	1 46	22 29	2 38	20 41	1 14	21 10	1 37	23 48	1 41	4 52	0 45	19 27	1 21	27 34	4 45	22 20	22 23	7 2		n.a.
F 23	5 30	20 52	4 34	2 43	1 41	22 47	2 39	20 52	1 14	21 9	1 37	23 48	1 41	4 53	0 45	19 27	1 21	27 34	4 45	22 22	22 24	6 59		n.a.
S 24	5 54	23 49	4 0	2 2	1 35	23 4	2 40	21 4	1 14	21 8	1 37	23 47	1 41	4 54	0 45	19 26	1 21	27 34	4 45	22 24	22 24	6 56		n.a.
S 25	6 19	25 36	3 13	1 20	1 29	23 20	2 41	21 15	1 15	21 8	1 36	23 47	1 41	4 55	0 45	19 26	1 21	27 34	4 45	22 25	22 25	6 53		n.a.
M26	6 43	26 0	2 16	0 38	1 22	23 35	2 42	21 26	1 15	21 7	1 36	23 47	1 41	4 56	0 45	19 26	1 21	27 34	4 46	22 25	22 25	6 50		n.a.
T 27	7 6	24 55	1 10	0s 4	1 16	23 50	2 43	21 36	1 15	21 6	1 36	23 46	1 41	4 56	0 45	19 26	1 21	27 34	4 46	22 26	22 26	6 47		n.a.
W28	7 30	22 21	0n 2	0 47	1 10	24 5	2 44	21 47	1 15	21 6	1 36	23 46	1 41	4 57	0 45	19 25	1 22	27 35	4 46	22 26	22 26	6 44		n.a.
T 29	7 54	18 25	1 15	1 29	1 3	24 18	2 44	21 57	1 15	21 5	1 35	23 46	1 41	4 58	0 45	19 25	1 22	27 35	4 46	22 26	22 26	6 41		n.a.
F 30	8 17	13 21	2 24	2 12	0 56	24 31	2 45	22 7	1 15	21 4	1 35	23 45	1 41	4 59	0 45	19 25	1 22	27 35	4 46	22 26	22 27	6 37		n.a.
S 31	8s41	7s27	3n26	2s55	0n50	24s43	2s45	22s17	1s15	21s 3	1s35	23s45	1s40	5s 0	0s45	19n25	1n22	27n35	4n46	22s27	22s27	6n34		n.a.

Julian Day Number = 986813.5, Delta T = 13h07m14s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'04, Lahiri = -31°41'04 Julian Calendar 1 Oct. 2012 BCE == Greg. Calendar 14 Sept. 2012 BCE

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

NOVEMBER 2012 BCE (-2011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 33 10	22♎52'05	17♓40	10♎37	8♐39	3♐ 7	4♒35	22♑ 1	19°R18	10♌ 1	13°R12	19°R37	19♑35	4♍51	n.a.	S 1
M 2	1 37 6	23°53'22	2♈33	12° 8	9°47	3°54	4°39	22° 3	19♓16	10° 2	13♊11	19♑27	19°32	4°58	n.a.	M 2
T 3	1 41 3	24°54'38	17°25	13°40	10°54	4°41	4°42	22° 5	19°14	10° 3	13°10	19°15	19°29	5° 5	n.a.	T 3
W 4	1 44 59	25°55'55	2♉ 8	15°13	12° 1	5°28	4°45	22° 8	19°12	10° 3	13° 9	19° 3	19°25	5°11	n.a.	W 4
T 5	1 48 56	26°57'13	16°32	16°45	13° 8	6°15	4°49	22°10	19°10	10° 4	13° 8	18°52	19°22	5°18	n.a.	T 5
F 6	1 52 53	27°58'31	0♊32	18°17	14°15	7° 1	4°53	22°13	19° 8	10° 5	13° 7	18°42	19°19	5°25	n.a.	F 6
S 7	1 56 49	28°59'49	14° 5	19°50	15°22	7°48	4°57	22°15	19° 7	10° 6	13° 6	18°35	19°16	5°32	n.a.	S 7
S 8	2 0 46	0♏ 1'08	27°10	21°23	16°28	8°35	5° 2	22°18	19° 5	10° 7	13° 5	18°31	19°13	5°38	n.a.	S 8
M 9	2 4 42	1° 2'27	9♋50	22°56	17°34	9°22	5° 6	22°21	19° 3	10° 7	13° 5	18°29	19° 9	5°45	n.a.	M 9
T 10	2 8 39	2° 3'47	22°10	24°30	18°40	10° 9	5°11	22°24	19° 2	10° 8	13° 4	18°D29	19° 6	5°52	n.a.	T 10
W11	2 12 35	3° 5'07	4♌13	26° 4	19°46	10°56	5°16	22°27	19° 0	10° 9	13° 3	18°R29	19° 3	5°58	n.a.	W11
T 12	2 16 32	4° 6'27	16° 7	27°37	20°51	11°43	5°21	22°31	18°58	10° 9	13° 2	18°29	19° 0	6° 5	n.a.	T 12
F 13	2 20 29	5° 7'48	27°55	29°12	21°57	12°30	5°26	22°34	18°57	10°10	13° 1	18°26	18°57	6°12	n.a.	F 13
S 14	2 24 25	6° 9'08	9♍44	0♏46	23° 2	13°17	5°32	22°37	18°55	10°10	13° 0	18°21	18°54	6°18	n.a.	S 14
S 15	2 28 22	7°10'29	21°38	2°21	24° 6	14° 4	5°37	22°41	18°54	10°11	12°58	18°13	18°50	6°25	n.a.	S 15
M16	2 32 18	8°11'50	3♎41	3°56	25°11	14°50	5°43	22°44	18°53	10°11	12°57	18° 3	18°47	6°32	n.a.	M16
T 17	2 36 15	9°13'11	15°54	5°31	26°15	15°37	5°49	22°48	18°51	10°12	12°56	17°51	18°44	6°38	n.a.	T 17
W18	2 40 11	10°14'32	28°20	7° 6	27°18	16°24	5°55	22°52	18°50	10°12	12°55	17°38	18°41	6°45	n.a.	W18
T 19	2 44 8	11°15'53	10♏59	8°42	28°22	17°11	6° 2	22°56	18°49	10°12	12°54	17°25	18°38	6°52	n.a.	T 19
F 20	2 48 4	12°17'14	23°50	10°19	29°25	17°58	6° 8	23° 0	18°47	10°13	12°53	17°14	18°34	6°58	n.a.	F 20
S 21	2 52 1	13°18'34	6♐54	11°55	0♑28	18°45	6°15	23° 4	18°46	10°13	12°52	17° 5	18°31	7° 5	n.a.	S 21
S 22	2 55 58	14°19'54	20° 8	13°32	1°30	19°32	6°22	23° 8	18°45	10°13	12°51	16°59	18°28	7°12	n.a.	S 22
M23	2 59 54	15°21'13	3♑33	15°10	2°32	20°19	6°29	23°12	18°44	10°13	12°49	16°56	18°25	7°19	n.a.	M23
T 24	3 3 51	16°22'32	17° 7	16°48	3°34	21° 6	6°36	23°17	18°43	10°13	12°48	16°D55	18°22	7°25	n.a.	T 24
W25	3 7 47	17°23'50	0♒52	18°26	4°35	21°53	6°43	23°21	18°42	10°14	12°47	16°55	18°19	7°32	n.a.	W25
T 26	3 11 44	18°25'07	14°47	20° 4	5°36	22°39	6°51	23°26	18°41	10°14	12°46	16°R56	18°15	7°39	n.a.	T 26
F 27	3 15 40	19°26'23	28°51	21°44	6°36	23°26	6°58	23°30	18°40	10°14	12°44	16°56	18°12	7°45	n.a.	F 27
S 28	3 19 37	20°27'38	13♓ 6	23°23	7°36	24°13	7° 6	23°35	18°39	10°R14	12°43	16°53	18° 9	7°52	n.a.	S 28
S 29	3 23 34	21°28'52	27°27	25° 3	8°36	25° 0	7°14	23°40	18°39	10°14	12°42	16°49	18° 6	7°59	n.a.	S 29
M30	3 27 30	22♏30'05	11♈53	26♏44	9♑35	25♐47	7♒22	23♑45	18♓38	10♌14	12♊41	16♑42	18♑ 3	8♍ 5	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 4	1s 4	4n15	3s38	0n43	24s55	2s45	22s26	1s16	21s 2	1s34	23s44	1s40	5s 0	0s45	19n24	1n22	27n35	4n47	22s28	22s28	6n31		n.a.
M 2	9 27	5n25	4 47	4 20	0 36	25 6	2 46	22 36	1 16	21 1	1 34	23 44	1 40	5 1	0 45	19 24	1 22	27 35	4 47	22 29	22 28	6 28		n.a.
T 3	9 50	11 34	5 0	5 3	0 29	25 16	2 46	22 45	1 16	21 0	1 34	23 43	1 40	5 2	0 45	19 24	1 22	27 35	4 47	22 31	22 29	6 25		n.a.
W 4	10 13	17 1	4 52	5 46	0 22	25 25	2 46	22 54	1 16	20 58	1 34	23 43	1 40	5 3	0 45	19 24	1 22	27 35	4 47	22 32	22 29	6 22		n.a.
T 5	10 36	21 22	4 26	6 28	0 16	25 34	2 45	23 2	1 16	20 57	1 33	23 42	1 40	5 3	0 45	19 24	1 22	27 35	4 47	22 34	22 30	6 19		n.a.
F 6	10 58	24 20	3 45	7 10	0 9	25 42	2 45	23 10	1 16	20 56	1 33	23 42	1 40	5 4	0 45	19 23	1 22	27 35	4 47	22 35	22 30	6 16		n.a.
S 7	11 20	25 47	2 51	7 53	0 2	25 50	2 44	23 18	1 16	20 55	1 33	23 41	1 40	5 5	0 45	19 23	1 22	27 35	4 48	22 36	22 31	6 13		n.a.
S 8	11 42	25 44	1 50	8 34	0s 4	25 56	2 44	23 26	1 16	20 53	1 32	23 40	1 40	5 5	0 45	19 23	1 22	27 35	4 48	22 37	22 31	6 10		n.a.
M 9	12 4	24 19	0 46	9 16	0 11	26 2	2 43	23 34	1 16	20 52	1 32	23 40	1 40	5 6	0 45	19 23	1 22	27 35	4 48	22 37	22 32	6 7		n.a.
T 10	12 26	21 44	0s19	9 57	0 17	26 7	2 42	23 41	1 16	20 51	1 32	23 39	1 39	5 7	0 45	19 23	1 22	27 35	4 48	22 37	22 32	6 4		n.a.
W11	12 47	18 16	1 22	10 38	0 24	26 12	2 41	23 48	1 16	20 49	1 32	23 39	1 39	5 7	0 45	19 23	1 22	27 35	4 48	22 37	22 32	6 1		n.a.
T 12	13 9	14 5	2 21	11 18	0 30	26 16	2 40	23 54	1 16	20 48	1 31	23 38	1 39	5 8	0 45	19 23	1 22	27 35	4 48	22 37	22 33	5 58		n.a.
F 13	13 30	9 25	3 13	11 58	0 36	26 19	2 39	24 1	1 16	20 46	1 31	23 37	1 39	5 8	0 45	19 23	1 22	27 35	4 49	22 38	22 33	5 55		n.a.
S 14	13 51	4 26	3 57	12 38	0 42	26 21	2 37	24 7	1 16	20 44	1 31	23 37	1 39	5 9	0 45	19 22	1 22	27 35	4 49	22 38	22 34	5 52		n.a.
S 15	14 11	0s45	4 30	13 17	0 48	26 23	2 35	24 13	1 16	20 43	1 31	23 36	1 39	5 10	0 45	19 22	1 23	27 35	4 49	22 39	22 34	5 49		n.a.
M16	14 31	5 57	4 52	13 56	0 54	26 24	2 34	24 18	1 16	20 41	1 30	23 35	1 39	5 10	0 45	19 22	1 23	27 35	4 49	22 41	22 35	5 46		n.a.
T 17	14 52	11 0	5 1	14 34	1 0	26 24	2 32	24 24	1 16	20 39	1 30	23 35	1 39	5 11	0 44	19 22	1 23	27 35	4 49	22 43	22 35	5 43		n.a.
W18	15 11	15 42	4 57	15 11	1 5	26 23	2 30	24 29	1 16	20 37	1 30	23 34	1 39	5 11	0 44	19 22	1 23	27 35	4 49	22 44	22 36	5 40		n.a.
T 19	15 31	19 48	4 37	15 48	1 11	26 22	2 27	24 33	1 16	20 35	1 30	23 33	1 39	5 12	0 44	19 22	1 23	27 35	4 49	22 46	22 36	5 37		n.a.
F 20	15 50	23 2	4 3	16 25	1 16	26 20	2 25	24 38	1 16	20 34	1 29	23 32	1 38	5 12	0 44	19 22	1 23	27 35	4 50	22 47	22 37	5 34		n.a.
S 21	16 9	25 7	3 16	17 0	1 21	26 18	2 22	24 42	1 16	20 32	1 29	23 31	1 38	5 12	0 44	19 22	1 23	27 35	4 50	22 49	22 37	5 30		n.a.
S 22	16 28	25 50	2 18	17 35	1 26	26 15	2 19	24 46	1 16	20 30	1 29	23 31	1 38	5 13	0 44	19 22	1 23	27 35	4 50	22 49	22 37	5 27		n.a.
M23	16 46	25 3	1 11	18 9	1 30	26 11	2 17	24 50	1 16	20 28	1 29	23 30	1 38	5 13	0 44	19 22	1 23	27 35	4 50	22 50	22 38	5 24		n.a.
T 24	17 4	22 47	0n 1	18 42	1 35	26 6	2 13	24 53	1 16	20 26	1 28	23 29	1 38	5 14	0 44	19 22	1 23	27 35	4 50	22 50	22 38	5 21		n.a.
W25	17 22	19 10	1 14	19 14	1 39	26 1	2 10	24 56	1 16	20 23	1 28	23 28	1 38	5 14	0 44	19 22	1 23	27 35	4 50	22 50	22 39	5 18		n.a.
T 26	17 40	14 27	2 23	19 46	1 42	25 55	2 7	24 59	1 16	20 21	1 28	23 27	1 38	5 14	0 44	19 22	1 23	27 35	4 50	22 50	22 39	5 15		n.a.
F 27	17 57	8 55	3 25	20 16	1 46	25 48	2 3	25 1	1 16	20 19	1 28	23 26	1 38	5 15	0 44	19 22	1 23	27 35	4 51	22 50	22 40	5 12		n.a.
S 28	18 14	2 52	4 14	20 45	1 49	25 41	1 59	25 3	1 15	20 17	1 27	23 25	1 38	5 15	0 44	19 22	1 23	27 35	4 51	22 50	22 40	5 9		n.a.
S 29	18 30	3n22	4 48	21 13	1 52	25 34	1 55	25 5	1 15	20 14	1 27	23 24	1 38	5 15	0 44	19 22	1 23	27 35	4 51	22 51	22 40	5 6		n.a.
M30	18s46	9n26	5n 4	21s40	1s55	25s25	1s51	25s 7	1s15	20s12	1s27	23s24	1s38	5s15	0s44	19n22	1n23	27n35	4n51	22s52	22s41	5n 3		n.a.

Julian Day Number = 986844.5, Delta T = 13h07m12s
Ecliptic obliquity = 23°55'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°48'00, Lahiri = -31°41'00 Julian Calendar 1 Nov. 2012 BCE == Greg. Calendar 15 Oct. 2012 BCE

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ASTRODIENST EPHEMERIS for the year 2012 BCE
geocentric

DECEMBER 2012 BCE (-2011) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 31 27	23♏31'18	26♈17	28♏24	10♑34	26♐34	7♒30	23♑50	18°R37	10°R14	12°R39	16°R33	18♑ 0	8♍12	n.a.	T 1
W 2	3 35 23	24°32'29	10♉34	0♐ 6	11°32	27°20	7°39	23°55	18♓37	10♌14	12♊38	16♑24	17°56	8°19	n.a.	W 2
T 3	3 39 20	25°33'40	24°38	1°47	12°29	28° 7	7°47	24° 0	18°36	10°13	12°37	16°16	17°53	8°25	n.a.	T 3
F 4	3 43 16	26°34'50	8♊24	3°29	13°26	28°54	7°56	24° 5	18°35	10°13	12°36	16° 9	17°50	8°32	n.a.	F 4
S 5	3 47 13	27°35'59	21°48	5°12	14°22	29°40	8° 5	24°10	18°35	10°13	12°34	16° 4	17°47	8°39	n.a.	S 5
S 6	3 51 10	28°37'07	4♋51	6°54	15°18	0♑27	8°14	24°15	18°34	10°13	12°33	16° 1	17°44	8°46	n.a.	S 6
M 7	3 55 6	29°38'15	17°31	8°37	16°13	1°14	8°23	24°21	18°34	10°13	12°32	16°D 0	17°40	8°52	n.a.	M 7
T 8	3 59 3	0♐39'21	29°53	10°20	17° 7	2° 1	8°32	24°26	18°34	10°12	12°30	16° 1	17°37	8°59	n.a.	T 8
W 9	4 2 59	1°40'27	12♌ 0	12° 3	18° 1	2°47	8°41	24°32	18°34	10°12	12°29	16° 2	17°34	9° 6	n.a.	W 9
T 10	4 6 56	2°41'32	23°56	13°46	18°54	3°34	8°51	24°37	18°33	10°12	12°27	16° 4	17°31	9°12	n.a.	T 10
F 11	4 10 52	3°42'37	5♍47	15°29	19°47	4°20	9° 0	24°43	18°33	10°11	12°26	16°R 4	17°28	9°19	n.a.	F 11
S 12	4 14 49	4°43'40	17°38	17°11	20°38	5° 7	9°10	24°49	18°33	10°11	12°25	16° 3	17°25	9°26	n.a.	S 12
S 13	4 18 45	5°44'42	29°34	18°53	21°29	5°53	9°20	24°54	18°33	10°10	12°23	16° 0	17°21	9°32	n.a.	S 13
M14	4 22 42	6°45'44	11♎39	20°34	22°19	6°40	9°30	25° 0	18°D33	10°10	12°22	15°56	17°18	9°39	n.a.	M14
T 15	4 26 39	7°46'44	23°57	22°14	23° 8	7°27	9°40	25° 6	18°33	10° 9	12°21	15°50	17°15	9°46	n.a.	T 15
W16	4 30 35	8°47'44	6♏31	23°52	23°57	8°13	9°50	25°12	18°33	10° 9	12°19	15°43	17°12	9°53	n.a.	W16
T 17	4 34 32	9°48'42	19°22	25°29	24°44	8°59	10° 0	25°18	18°33	10° 8	12°18	15°36	17° 9	9°59	n.a.	T 17
F 18	4 38 28	10°49'39	2♐31	27° 3	25°31	9°46	10°11	25°24	18°33	10° 7	12°17	15°30	17° 6	10° 6	n.a.	F 18
S 19	4 42 25	11°50'35	15°57	28°34	26°16	10°32	10°21	25°31	18°34	10° 7	12°15	15°26	17° 2	10°13	n.a.	S 19
S 20	4 46 21	12°51'30	29°36	0♑ 2	27° 1	11°19	10°32	25°37	18°34	10° 6	12°14	15°23	16°59	10°19	n.a.	S 20
M21	4 50 18	13°52'23	13♑28	1°26	27°44	12° 5	10°43	25°43	18°34	10° 5	12°12	15°D22	16°56	10°26	n.a.	M21
T 22	4 54 15	14°53'14	27°28	2°46	28°26	12°51	10°53	25°49	18°35	10° 5	12°11	15°22	16°53	10°33	n.a.	T 22
W23	4 58 11	15°54'03	11♒33	4° 0	29° 7	13°38	11° 4	25°56	18°35	10° 4	12°10	15°24	16°50	10°39	n.a.	W23
T 24	5 2 8	16°54'51	25°42	5° 8	29°47	14°24	11°16	26° 2	18°36	10° 3	12° 8	15°25	16°46	10°46	n.a.	T 24
F 25	5 6 4	17°55'37	9♓53	6° 9	0♒26	15°10	11°27	26° 9	18°36	10° 2	12° 7	15°26	16°43	10°53	n.a.	F 25
S 26	5 10 1	18°56'21	24° 3	7° 3	1° 4	15°56	11°38	26°15	18°37	10° 1	12° 5	15°R26	16°40	10°59	n.a.	S 26
S 27	5 13 57	19°57'03	8♈10	7°48	1°40	16°43	11°49	26°22	18°38	10° 0	12° 4	15°25	16°37	11° 6	n.a.	S 27
M28	5 17 54	20°57'43	22°13	8°24	2°14	17°29	12° 1	26°28	18°38	9°59	12° 3	15°23	16°34	11°13	n.a.	M28
T 29	5 21 50	21°58'21	6♉ 9	8°51	2°47	18°15	12°12	26°35	18°39	9°59	12° 1	15°20	16°31	11°20	n.a.	T 29
W30	5 25 47	22°58'57	19°56	9° 8	3°19	19° 1	12°24	26°42	18°40	9°58	12° 0	15°16	16°27	11°26	n.a.	W30
T 31	5 29 44	23♐59'32	3♊32	9°R14	3♒49	19♑47	12♒36	26♑49	18♓41	9♌57	11♊59	15♑13	16♑24	11♍33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
T 1	19s 2	15n 0	5n 1	22s 6	1s57	25s16	1s47	25s 8	1s15	20s10	1s27	23s23	1s37	5s16	0s44	19n22	1n23	27n35	4n51	22s53	22s41	5n 0			n.a.	T 1
W 2	19 17	19 42	4 39	22 31	1 59	25 7	1 42	25 9	1 15	20 7	1 26	23 22	1 37	5 16	0 44	19 23	1 24	27 35	4 51	22 54	22 42	4 57			n.a.	W 2
T 3	19 32	23 11	4 0	22 54	2 0	24 57	1 38	25 10	1 15	20 5	1 26	23 21	1 37	5 16	0 44	19 23	1 24	27 35	4 51	22 55	22 42	4 54			n.a.	T 3
F 4	19 47	25 15	3 8	23 15	2 1	24 46	1 33	25 10	1 15	20 2	1 26	23 20	1 37	5 16	0 44	19 23	1 24	27 35	4 51	22 56	22 43	4 51			n.a.	F 4
S 5	20 1	25 46	2 7	23 36	2 2	24 35	1 28	25 10	1 14	20 0	1 26	23 19	1 37	5 16	0 44	19 23	1 24	27 35	4 52	22 56	22 43	4 48			n.a.	S 5
S 6	20 15	24 50	1 0	23 54	2 2	24 23	1 22	25 10	1 14	19 57	1 26	23 18	1 37	5 17	0 44	19 23	1 24	27 35	4 52	22 57	22 43	4 45			n.a.	S 6
M 7	20 29	22 37	0s 8	24 11	2 1	24 11	1 17	25 9	1 14	19 55	1 25	23 17	1 37	5 17	0 44	19 23	1 24	27 35	4 52	22 57	22 44	4 42			n.a.	M 7
T 8	20 42	19 22	1 14	24 26	2 0	23 59	1 11	25 9	1 14	19 52	1 25	23 15	1 37	5 17	0 44	19 23	1 24	27 35	4 52	22 57	22 44	4 39			n.a.	T 8
W 9	20 55	15 22	2 16	24 39	1 59	23 46	1 5	25 8	1 14	19 49	1 25	23 14	1 37	5 17	0 44	19 23	1 24	27 34	4 52	22 56	22 45	4 36			n.a.	W 9
T 10	21 7	10 49	3 11	24 51	1 56	23 32	0 59	25 6	1 14	19 46	1 25	23 13	1 37	5 17	0 44	19 24	1 24	27 34	4 52	22 56	22 45	4 33			n.a.	T 10
F 11	21 19	5 55	3 57	25 0	1 54	23 18	0 53	25 5	1 13	19 44	1 25	23 12	1 37	5 17	0 44	19 24	1 24	27 34	4 52	22 56	22 46	4 29			n.a.	F 11
S 12	21 31	0 48	4 33	25 7	1 50	23 4	0 46	25 3	1 13	19 41	1 24	23 11	1 37	5 17	0 43	19 24	1 24	27 34	4 52	22 56	22 46	4 26			n.a.	S 12
S 13	21 42	4s21	4 58	25 13	1 46	22 49	0 39	25 0	1 13	19 38	1 24	23 10	1 37	5 17	0 43	19 24	1 24	27 34	4 52	22 57	22 46	4 23			n.a.	S 13
M14	21 53	9 25	5 9	25 16	1 41	22 34	0 32	24 58	1 13	19 35	1 24	23 9	1 37	5 17	0 43	19 24	1 24	27 34	4 52	22 57	22 47	4 20			n.a.	M14
T 15	22 3	14 13	5 7	25 17	1 35	22 19	0 25	24 55	1 13	19 32	1 24	23 8	1 37	5 17	0 43	19 24	1 24	27 34	4 53	22 58	22 47	4 17			n.a.	T 15
W16	22 13	18 31	4 50	25 15	1 29	22 3	0 18	24 52	1 12	19 29	1 24	23 6	1 37	5 17	0 43	19 25	1 24	27 34	4 53	22 59	22 48	4 14			n.a.	W16
T 17	22 22	22 4	4 18	25 12	1 21	21 47	0 10	24 49	1 12	19 26	1 23	23 5	1 36	5 17	0 43	19 25	1 24	27 34	4 53	23 0	22 48	4 11			n.a.	T 17
F 18	22 31	24 33	3 32	25 7	1 13	21 30	0 2	24 45	1 12	19 23	1 23	23 4	1 36	5 17	0 43	19 25	1 24	27 34	4 53	23 0	22 48	4 8			n.a.	F 18
S 19	22 40	25 43	2 34	24 59	1 4	21 14	0n 6	24 41	1 12	19 20	1 23	23 3	1 36	5 16	0 43	19 25	1 24	27 33	4 53	23 1	22 49	4 5			n.a.	S 19
S 20	22 48	25 21	1 25	24 49	0 54	20 57	0 14	24 37	1 11	19 17	1 23	23 2	1 36	5 16	0 43	19 26	1 25	27 33	4 53	23 1	22 49	4 2			n.a.	S 20
M21	22 56	23 24	0 10	24 38	0 42	20 40	0 23	24 33	1 11	19 14	1 23	23 0	1 36	5 16	0 43	19 26	1 25	27 33	4 53	23 1	22 50	3 59			n.a.	M21
T 22	23 3	20 1	1n 6	24 24	0 30	20 23	0 32	24 28	1 11	19 10	1 22	22 59	1 36	5 16	0 43	19 26	1 25	27 33	4 53	23 1	22 50	3 56			n.a.	T 22
W23	23 10	15 27	2 19	24 9	0 17	20 5	0 41	24 23	1 10	19 7	1 22	22 58	1 36	5 16	0 43	19 26	1 25	27 33	4 53	23 1	22 51	3 53			n.a.	W23
T 24	23 16	10 2	3 23	23 53	0 4	19 48	0 50	24 18	1 10	19 4	1 22	22 57	1 36	5 15	0 43	19 27	1 25	27 33	4 53	23 1	22 51	3 50			n.a.	T 24
F 25	23 22	4 5	4 16	23 36	0n11	19 30	0 59	24 12	1 10	19 0	1 22	22 55	1 36	5 15	0 43	19 27	1 25	27 33	4 53	23 1	22 51	3 47			n.a.	F 25
S 26	23 27	2n 3	4 52	23 17	0 27	19 13	1 9	24 6	1 10	18 57	1 22	22 54	1 36	5 15	0 43	19 27	1 25	27 33	4 53	23 1	22 52	3 44			n.a.	S 26
S 27	23 32	8 3	5 11	22 58	0 43	18 55	1 19	24 0	1 9	18 54	1 22	22 53	1 36	5 15	0 43	19 27	1 25	27 32	4 53	23 1	22 52	3 41			n.a.	S 27
M28	23 37	13 37	5 12	22 39	1 0	18 37	1 29	23 54	1 9	18 50	1 21	22 51	1 36	5 14	0 43	19 28	1 25	27 32	4 53	23 1	22 53	3 38			n.a.	M28
T 29	23 41	18 27	4 54	22 20	1 17	18 19	1 40	23 47	1 9	18 47	1 21	22 50	1 36	5 14	0 43	19 28	1 25	27 32	4 54	23 1	22 53	3 35			n.a.	T 29
W30	23 44	22 13	4 19	22 2	1 35	18 2	1 50	23 40	1 8	18 43	1 21	22 49	1 36	5 13	0 43	19 28	1 25	27 32	4 54	23 2	22 53	3 32			n.a.	W30
T 31	23s47	24n43	3n29	21s44	1n52	17s44	2n 1	23s33	1s 8	18s40	1s21	22s47	1s36	5s13	0s43	19n29	1n25	27n32	4n54	23s 2	22s54	3n29			n.a.	T 31

Julian Day Number = 986874.5, Delta T = 13h07m10s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'56, Lahiri = -31°40'56 Julian Calendar 1 Dec. 2012 BCE == Greg. Calendar 14 Nov. 2012 BCE

The year -2011 astronomical counting style corresponds to year 2012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

JANUARY 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 33 40	25♐ 0'04	16♊53	9°R10	4♒17	20♑33	12♒48	26♑56	18♓42	9°R56	11°R57	15°R11	16♑21	11♍40	n.a.	F 1
S 2	5 37 37	26° 0'35	29°58	8♑55	4°44	21°19	12°59	27° 2	18°43	9♌54	11♊56	15♑ 9	16°18	11°46	n.a.	S 2
S 3	5 41 33	27° 1'04	12♋47	8°30	5° 9	22° 5	13°11	27° 9	18°44	9°53	11°55	15°D 8	16°15	11°53	n.a.	S 3
M 4	5 45 30	28° 1'32	25°21	7°56	5°32	22°51	13°23	27°16	18°45	9°52	11°53	15° 8	16°12	12° 0	n.a.	M 4
T 5	5 49 26	29° 1'57	7♌39	7°13	5°53	23°36	13°36	27°23	18°46	9°51	11°52	15° 9	16° 8	12° 7	n.a.	T 5
W 6	5 53 23	0♑ 2'21	19°45	6°22	6°12	24°22	13°48	27°30	18°47	9°50	11°51	15°11	16° 5	12°13	n.a.	W 6
T 7	5 57 19	1° 2'43	1♍43	5°25	6°29	25° 8	14° 0	27°37	18°48	9°49	11°49	15°12	16° 2	12°20	n.a.	T 7
F 8	6 1 16	2° 3'04	13°35	4°24	6°44	25°54	14°13	27°44	18°50	9°48	11°48	15°13	15°59	12°27	n.a.	F 8
S 9	6 5 13	3° 3'22	25°27	3°20	6°57	26°39	14°25	27°52	18°51	9°46	11°47	15°14	15°56	12°33	n.a.	S 9
S 10	6 9 9	4° 3'39	7♎22	2°14	7° 8	27°25	14°38	27°59	18°52	9°45	11°46	15°R14	15°52	12°40	n.a.	S 10
M11	6 13 6	5° 3'55	19°27	1° 9	7°16	28°11	14°50	28° 6	18°54	9°44	11°44	15°14	15°49	12°47	n.a.	M11
T 12	6 17 2	6° 4'08	1♏45	0° 6	7°23	28°56	15° 3	28°13	18°55	9°43	11°43	15°13	15°46	12°53	n.a.	T 12
W13	6 20 59	7° 4'20	14°20	29♐ 6	7°26	29°42	15°16	28°20	18°57	9°41	11°42	15°12	15°43	13° 0	n.a.	W13
T 14	6 24 55	8° 4'31	27°16	28°10	7°R28	0♒27	15°28	28°28	18°58	9°40	11°41	15°11	15°40	13° 7	n.a.	T 14
F 15	6 28 52	9° 4'39	10♑34	27°19	7°27	1°13	15°41	28°35	19° 0	9°39	11°39	15°10	15°37	13°14	n.a.	F 15
S 16	6 32 48	10° 4'46	24°14	26°35	7°23	1°58	15°54	28°42	19° 2	9°37	11°38	15°10	15°33	13°20	n.a.	S 16
S 17	6 36 45	11° 4'50	8♑14	25°57	7°17	2°43	16° 7	28°50	19° 3	9°36	11°37	15°D 9	15°30	13°27	n.a.	S 17
M18	6 40 42	12° 4'53	22°31	25°25	7° 9	3°29	16°20	28°57	19° 5	9°34	11°36	15° 9	15°27	13°34	n.a.	M18
T 19	6 44 38	13° 4'53	6♒59	25° 1	6°57	4°14	16°33	29° 4	19° 7	9°33	11°35	15° 9	15°24	13°40	n.a.	T 19
W20	6 48 35	14° 4'51	21°34	24°43	6°44	4°59	16°47	29°12	19° 9	9°32	11°34	15°10	15°21	13°47	n.a.	W20
T 21	6 52 31	15° 4'47	6♓ 9	24°32	6°28	5°44	17° 0	29°19	19°11	9°30	11°32	15°R10	15°18	13°54	n.a.	T 21
F 22	6 56 28	16° 4'40	20°38	24°D28	6° 9	6°30	17°13	29°27	19°13	9°29	11°31	15°10	15°14	14° 0	n.a.	F 22
S 23	7 0 24	17° 4'31	4♈58	24°30	5°48	7°15	17°26	29°34	19°14	9°27	11°30	15°10	15°11	14° 7	n.a.	S 23
S 24	7 4 21	18° 4'19	19° 5	24°38	5°25	8° 0	17°40	29°42	19°17	9°26	11°29	15°D 9	15° 8	14°14	n.a.	S 24
M25	7 8 17	19° 4'05	2♉58	24°52	4°59	8°45	17°53	29°49	19°19	9°24	11°28	15°10	15° 5	14°21	n.a.	M25
T 26	7 12 14	20° 3'49	16°37	25°11	4°32	9°30	18° 7	29°57	19°21	9°23	11°27	15°10	15° 2	14°27	n.a.	T 26
W27	7 16 11	21° 3'30	0♊ 1	25°36	4° 2	10°15	18°20	0♒ 4	19°23	9°21	11°26	15°10	14°58	14°34	n.a.	W27
T 28	7 20 7	22° 3'09	13°10	26° 5	3°30	10°59	18°34	0°12	19°25	9°19	11°25	15°11	14°55	14°41	n.a.	T 28
F 29	7 24 4	23° 2'45	26° 6	26°38	2°57	11°44	18°47	0°19	19°27	9°18	11°24	15°12	14°52	14°47	n.a.	F 29
S 30	7 28 0	24° 2'19	8♋49	27°16	2°23	12°29	19° 1	0°27	19°29	9°16	11°23	15°12	14°49	14°54	n.a.	S 30
S 31	7 31 57	25♑ 1'51	21♋20	27♐58	1♒47	13♒14	19♒15	0♒35	19♓32	9♌15	11♊22	15°R12	14♑46	15♍ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23 s50	25n45	2n30	21 s27	2n10	17 s26	2n12	23 s26	1 s 8	18 s36	1 s21	22 s46	1 s36	5 s13	0 s43	19n29	1n25	27n32	4n54	23 s 3	22 s54	3n26		n.a.	
S 2	23 52	25 18	1 23	21 11	2 27	17 9	2 23	23 18	1 7	18 33	1 21	22 45	1 36	5 12	0 43	19 29	1 25	27 32	4 54	23 3	22 55	3 23		n.a.	
S 3	23 53	23 31	0 13	20 56	2 43	16 52	2 35	23 11	1 7	18 29	1 20	22 43	1 36	5 12	0 43	19 30	1 25	27 31	4 54	23 3	22 55	3 19		n.a.	
M 4	23 55	20 35	0 s56	20 43	2 58	16 35	2 47	23 3	1 7	18 25	1 20	22 42	1 36	5 11	0 43	19 30	1 25	27 31	4 54	23 3	22 55	3 16		n.a.	
T 5	23 55	16 47	2 1	20 32	3 12	16 18	2 59	22 54	1 6	18 21	1 20	22 40	1 36	5 11	0 42	19 30	1 25	27 31	4 54	23 3	22 56	3 13		n.a.	
W 6	23 56	12 21	3 0	20 22	3 24	16 1	3 11	22 46	1 6	18 18	1 20	22 39	1 36	5 10	0 42	19 31	1 25	27 31	4 54	23 3	22 56	3 10		n.a.	
T 7	23 55	7 30	3 50	20 15	3 34	15 45	3 23	22 37	1 6	18 14	1 20	22 37	1 36	5 10	0 42	19 31	1 25	27 31	4 54	23 2	22 56	3 7		n.a.	
F 8	23 55	2 27	4 30	20 8	3 43	15 29	3 36	22 28	1 5	18 10	1 20	22 36	1 36	5 9	0 42	19 32	1 25	27 31	4 54	23 2	22 57	3 4		n.a.	
S 9	23 53	2 s42	4 58	20 4	3 49	15 14	3 48	22 19	1 5	18 6	1 20	22 34	1 36	5 9	0 42	19 32	1 25	27 31	4 54	23 2	22 57	3 1		n.a.	
S 10	23 52	7 46	5 14	20 1	3 53	14 59	4 1	22 9	1 4	18 2	1 20	22 33	1 36	5 8	0 42	19 32	1 26	27 30	4 54	23 2	22 58	2 58		n.a.	
M11	23 50	12 37	5 16	20 0	3 55	14 44	4 14	22 0	1 4	17 59	1 19	22 32	1 36	5 8	0 42	19 33	1 26	27 30	4 54	23 2	22 58	2 55		n.a.	
T 12	23 47	17 3	5 4	20 1	3 54	14 30	4 27	21 50	1 4	17 55	1 19	22 30	1 36	5 7	0 42	19 33	1 26	27 30	4 54	23 2	22 58	2 52		n.a.	
W13	23 44	20 52	4 37	20 3	3 52	14 17	4 40	21 40	1 3	17 51	1 19	22 29	1 36	5 6	0 42	19 33	1 26	27 30	4 54	23 2	22 59	2 49		n.a.	
T 14	23 40	23 46	3 55	20 7	3 48	14 3	4 53	21 29	1 3	17 47	1 19	22 27	1 36	5 6	0 42	19 34	1 26	27 30	4 54	23 3	22 59	2 46		n.a.	
F 15	23 36	25 27	3 0	20 12	3 42	13 51	5 6	21 19	1 3	17 43	1 19	22 25	1 36	5 5	0 42	19 34	1 26	27 30	4 54	23 3	22 59	2 43		n.a.	
S 16	23 32	25 41	1 54	20 19	3 34	13 39	5 19	21 8	1 2	17 39	1 19	22 24	1 36	5 4	0 42	19 35	1 26	27 29	4 54	23 3	23 0	2 40		n.a.	
S 17	23 27	24 18	0 38	20 27	3 25	13 28	5 32	20 57	1 2	17 34	1 19	22 22	1 36	5 3	0 42	19 35	1 26	27 29	4 54	23 3	23 0	2 37		n.a.	
M18	23 22	21 20	0n41	20 35	3 15	13 18	5 45	20 46	1 1	17 30	1 19	22 21	1 36	5 3	0 42	19 36	1 26	27 29	4 54	23 3	23 1	2 34		n.a.	
T 19	23 16	17 0	1 58	20 45	3 5	13 8	5 58	20 35	1 1	17 26	1 18	22 19	1 36	5 2	0 42	19 36	1 26	27 29	4 54	23 3	23 1	2 31		n.a.	
W20	23 10	11 38	3 9	20 56	2 53	12 59	6 11	20 23	1 0	17 22	1 18	22 18	1 36	5 1	0 42	19 36	1 26	27 29	4 54	23 3	23 1	2 28		n.a.	
T 21	23 3	5 38	4 7	21 8	2 41	12 51	6 23	20 11	1 0	17 18	1 18	22 16	1 36	5 0	0 42	19 37	1 26	27 29	4 54	23 3	23 2	2 25		n.a.	
F 22	22 56	0n37	4 49	21 20	2 29	12 44	6 35	19 59	1 0	17 14	1 18	22 15	1 36	5 0	0 42	19 37	1 26	27 28	4 54	23 3	23 2	2 22		n.a.	
S 23	22 49	6 46	5 12	21 32	2 16	12 38	6 47	19 47	0 59	17 9	1 18	22 13	1 36	4 59	0 42	19 38	1 26	27 28	4 54	23 3	23 2	2 19		n.a.	
S 24	22 41	12 29	5 17	21 46	2 3	12 32	6 58	19 35	0 59	17 5	1 18	22 11	1 36	4 58	0 42	19 38	1 26	27 28	4 54	23 3	23 3	2 16		n.a.	
M25	22 32	17 28	5 2	21 59	1 51	12 28	7 9	19 23	0 58	17 1	1 18	22 10	1 36	4 57	0 42	19 39	1 26	27 28	4 54	23 3	23 3	2 13		n.a.	
T 26	22 23	21 27	4 31	22 12	1 38	12 24	7 20	19 10	0 58	16 56	1 18	22 8	1 36	4 56	0 42	19 39	1 26	27 28	4 54	23 3	23 4	2 10		n.a.	
W27	22 14	24 14	3 45	22 26	1 25	12 22	7 29	18 57	0 57	16 52	1 18	22 7	1 36	4 55	0 42	19 39	1 26	27 28	4 54	23 3	23 4	2 7		n.a.	
T 28	22 5	25 38	2 48	22 39	1 13	12 20	7 39	18 44	0 57	16 48	1 18	22 5	1 36	4 54	0 42	19 40	1 26	27 27	4 54	23 2	23 4	2 4		n.a.	
F 29	21 55	25 36	1 44	22 52	1 1	12 19	7 47	18 31	0 57	16 43	1 18	22 3	1 36	4 54	0 42	19 40	1 26	27 27	4 54	23 2	23 5	2 1		n.a.	
S 30	21 44	24 13	0 35	23 5	0 49	12 19	7 55	18 18	0 56	16 39	1 17	22 2	1 36	4 53	0 42	19 41	1 26	27 27	4 54	23 2	23 5	1 58		n.a.	
S 31	21 s34	21n38	0 s34	23 s18	0n37	12 s20	8n 2	18 s 4	0 s56	16 s34	1 s17	22 s 0	1 s36	4 s52	0 s42	19n41	1n26	27n27	4n54	23 s 2	23 s 5	1n55		n.a.	

Julian Day Number = 986905.5, Delta T = 13h07m08s
Ecliptic obliquity = 23°55'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'52, Lahiri = -31°40'51 Julian Calendar 1 Jan. 2011 BCE == Greg. Calendar 15 Dec. 2012 BCE

The year -2010 astronomical counting style corresponds to year 2011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

FEBRUARY 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 35 53	26♉ 1'20	3♌40	28♐43	1°R10	13♒58	19♒29	0♒42	19♓34	9°R13	11°R21	15°R12	14♉43	15♍ 8	n.a.	M 1
T 2	7 39 50	27° 0'47	15°50	29°32	0♒33	14°43	19°42	0°50	19°36	9♌12	11♊20	15♉10	14°39	15°14	n.a.	T 2
W 3	7 43 46	28° 0'12	27°52	0♉24	29♉55	15°28	19°56	0°57	19°39	9°10	11°19	15° 9	14°36	15°21	n.a.	W 3
T 4	7 47 43	28°59'35	9♍47	1°20	29°16	16°12	20°10	1° 5	19°41	9° 8	11°19	15° 7	14°33	15°28	n.a.	T 4
F 5	7 51 39	29°58'56	21°40	2°18	28°38	16°57	20°24	1°13	19°44	9° 7	11°18	15° 4	14°30	15°34	n.a.	F 5
S 6	7 55 36	0♒58'15	3♎31	3°19	28° 0	17°41	20°38	1°20	19°46	9° 5	11°17	15° 2	14°27	15°41	n.a.	S 6
S 7	7 59 33	1°57'32	15°27	4°22	27°23	18°25	20°52	1°28	19°49	9° 4	11°16	15° 1	14°24	15°48	n.a.	S 7
M 8	8 3 29	2°56'47	27°30	5°28	26°46	19°10	21° 6	1°35	19°51	9° 2	11°15	15°D 0	14°20	15°54	n.a.	M 8
T 9	8 7 26	3°56'00	9♏45	6°36	26°11	19°54	21°20	1°43	19°54	9° 0	11°15	15° 0	14°17	16° 1	n.a.	T 9
W10	8 11 22	4°55'11	22°17	7°47	25°36	20°38	21°34	1°51	19°57	8°59	11°14	15° 1	14°14	16° 8	n.a.	W10
T 11	8 15 19	5°54'20	5♐10	8°59	25° 3	21°23	21°48	1°58	19°59	8°57	11°13	15° 2	14°11	16°15	n.a.	T 11
F 12	8 19 15	6°53'28	18°26	10°14	24°32	22° 7	22° 2	2° 6	20° 2	8°55	11°12	15° 4	14° 8	16°21	n.a.	F 12
S 13	8 23 12	7°52'33	2♑ 9	11°30	24° 3	22°51	22°16	2°13	20° 5	8°54	11°12	15° 5	14° 4	16°28	n.a.	S 13
S 14	8 27 8	8°51'36	16°18	12°49	23°35	23°35	22°30	2°21	20° 8	8°52	11°11	15°R 5	14° 1	16°35	n.a.	S 14
M15	8 31 5	9°50'38	0♒50	14° 9	23°10	24°19	22°44	2°29	20°10	8°50	11°10	15° 5	13°58	16°41	n.a.	M15
T 16	8 35 1	10°49'37	15°39	15°31	22°46	25° 3	22°58	2°36	20°13	8°49	11°10	15° 3	13°55	16°48	n.a.	T 16
W17	8 38 58	11°48'33	0♓39	16°55	22°25	25°47	23°13	2°44	20°16	8°47	11° 9	15° 0	13°52	16°55	n.a.	W17
T 18	8 42 55	12°47'28	15°40	18°21	22° 6	26°31	23°27	2°51	20°19	8°45	11° 9	14°56	13°49	17° 2	n.a.	T 18
F 19	8 46 51	13°46'20	0♈33	19°48	21°50	27°14	23°41	2°59	20°22	8°44	11° 8	14°52	13°45	17° 8	n.a.	F 19
S 20	8 50 48	14°45'09	15°11	21°17	21°36	27°58	23°55	3° 6	20°25	8°42	11° 8	14°48	13°42	17°15	n.a.	S 20
S 21	8 54 44	15°43'57	29°30	22°47	21°25	28°42	24° 9	3°14	20°28	8°40	11° 7	14°46	13°39	17°22	n.a.	S 21
M22	8 58 41	16°42'41	13♉26	24°19	21°16	29°26	24°24	3°21	20°31	8°39	11° 7	14°D45	13°36	17°28	n.a.	M22
T 23	9 2 37	17°41'24	26°59	25°53	21° 9	0♓ 9	24°38	3°29	20°34	8°37	11° 6	14°45	13°33	17°35	n.a.	T 23
W24	9 6 34	18°40'04	10♊11	27°28	21° 5	0°53	24°52	3°36	20°37	8°36	11° 6	14°47	13°29	17°42	n.a.	W24
T 25	9 10 30	19°38'41	23° 5	29° 5	21°D 3	1°36	25° 7	3°44	20°40	8°34	11° 6	14°48	13°26	17°49	n.a.	T 25
F 26	9 14 27	20°37'17	5♋43	0♒43	21° 4	2°20	25°21	3°51	20°43	8°32	11° 5	14°49	13°23	17°55	n.a.	F 26
S 27	9 18 23	21°35'50	18° 8	2°23	21° 7	3° 3	25°35	3°59	20°46	8°31	11° 5	14°R50	13°20	18° 2	n.a.	S 27
S 28	9 22 20	22♒34'20	0♌23	4♒ 4	21♉12	3♓47	25♒49	4♒ 6	20♓49	8♌29	11♊ 5	14♉49	13♉17	18♍ 9	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s22	18n 6	1s41	23s30	0n25	12s22	8n 8	17s51	0s55	16s30	1s17	21s58	1s36	4s51	0s41	19n42	1n26	27n27	4n54	23s 2	23s 6	1n52		n.a.
T 2	21 11	13 51	2 42	23 41	0 14	12 25	8 13	17 37	0 55	16 25	1 17	21 57	1 36	4 50	0 41	19 42	1 26	27 27	4 54	23 3	23 6	1 48		n.a.
W 3	20 59	9 6	3 35	23 52	0 3	12 29	8 17	17 23	0 54	16 21	1 17	21 55	1 36	4 49	0 41	19 43	1 26	27 27	4 54	23 3	23 6	1 45		n.a.
T 4	20 47	4 5	4 18	24 2	0s 7	12 34	8 20	17 9	0 54	16 16	1 17	21 53	1 36	4 48	0 41	19 43	1 26	27 26	4 54	23 3	23 7	1 42		n.a.
F 5	20 34	1s 3	4 50	24 12	0 17	12 39	8 23	16 55	0 53	16 12	1 17	21 52	1 37	4 47	0 41	19 44	1 26	27 26	4 54	23 3	23 7	1 39		n.a.
S 6	20 21	6 8	5 9	24 20	0 27	12 45	8 24	16 41	0 53	16 7	1 17	21 50	1 37	4 46	0 41	19 44	1 26	27 26	4 54	23 3	23 7	1 36		n.a.
S 7	20 8	11 2	5 16	24 28	0 36	12 51	8 25	16 26	0 52	16 3	1 17	21 48	1 37	4 45	0 41	19 44	1 26	27 26	4 54	23 4	23 8	1 33		n.a.
M 8	19 54	15 34	5 8	24 34	0 45	12 59	8 24	16 12	0 52	15 58	1 17	21 47	1 37	4 44	0 41	19 45	1 26	27 26	4 54	23 4	23 8	1 30		n.a.
T 9	19 40	19 33	4 47	24 39	0 54	13 7	8 23	15 57	0 51	15 53	1 17	21 45	1 37	4 42	0 41	19 45	1 26	27 26	4 54	23 4	23 9	1 27		n.a.
W10	19 25	22 45	4 11	24 44	1 2	13 15	8 21	15 42	0 51	15 49	1 17	21 43	1 37	4 41	0 41	19 46	1 26	27 26	4 54	23 4	23 9	1 24		n.a.
T 11	19 11	24 55	3 23	24 47	1 10	13 24	8 18	15 27	0 50	15 44	1 17	21 42	1 37	4 40	0 41	19 46	1 26	27 25	4 54	23 4	23 9	1 21		n.a.
F 12	18 56	25 46	2 22	24 48	1 17	13 33	8 14	15 12	0 50	15 39	1 17	21 40	1 37	4 39	0 41	19 47	1 26	27 25	4 54	23 3	23 10	1 18		n.a.
S 13	18 40	25 5	1 11	24 49	1 24	13 43	8 9	14 57	0 49	15 35	1 17	21 38	1 37	4 38	0 41	19 47	1 26	27 25	4 54	23 3	23 10	1 15		n.a.
S 14	18 25	22 48	0n 7	24 48	1 31	13 53	8 4	14 42	0 49	15 30	1 17	21 37	1 37	4 37	0 41	19 48	1 26	27 25	4 54	23 3	23 10	1 12		n.a.
M15	18 9	18 59	1 25	24 46	1 37	14 3	7 58	14 26	0 48	15 25	1 17	21 35	1 37	4 36	0 41	19 48	1 26	27 25	4 54	23 3	23 11	1 9		n.a.
T 16	17 52	13 55	2 40	24 42	1 43	14 13	7 51	14 11	0 48	15 20	1 16	21 33	1 37	4 35	0 41	19 49	1 26	27 25	4 54	23 3	23 11	1 6		n.a.
W17	17 36	7 59	3 44	24 37	1 48	14 24	7 44	13 55	0 47	15 15	1 16	21 32	1 37	4 33	0 41	19 49	1 26	27 25	4 53	23 4	23 11	1 3		n.a.
T 18	17 19	1 35	4 33	24 30	1 53	14 34	7 36	13 40	0 47	15 11	1 16	21 30	1 37	4 32	0 41	19 49	1 26	27 24	4 53	23 4	23 12	1 0		n.a.
F 19	17 2	4n50	5 3	24 22	1 57	14 45	7 27	13 24	0 46	15 6	1 16	21 28	1 38	4 31	0 41	19 50	1 26	27 24	4 53	23 5	23 12	0 57		n.a.
S 20	16 44	10 53	5 13	24 12	2 1	14 56	7 19	13 8	0 46	15 1	1 16	21 26	1 38	4 30	0 41	19 50	1 26	27 24	4 53	23 5	23 12	0 54		n.a.
S 21	16 27	16 13	5 3	24 0	2 4	15 7	7 10	12 52	0 45	14 56	1 16	21 25	1 38	4 29	0 41	19 51	1 26	27 24	4 53	23 5	23 13	0 51		n.a.
M22	16 9	20 32	4 35	23 46	2 7	15 17	7 0	12 36	0 45	14 51	1 16	21 23	1 38	4 27	0 41	19 51	1 26	27 24	4 53	23 5	23 13	0 48		n.a.
T 23	15 51	23 38	3 52	23 31	2 10	15 28	6 50	12 20	0 44	14 46	1 16	21 21	1 38	4 26	0 41	19 52	1 26	27 24	4 53	23 5	23 13	0 45		n.a.
W24	15 32	25 22	2 58	23 14	2 12	15 39	6 40	12 4	0 44	14 41	1 16	21 20	1 38	4 25	0 41	19 52	1 26	27 24	4 53	23 5	23 14	0 42		n.a.
T 25	15 13	25 40	1 56	22 56	2 13	15 49	6 30	11 47	0 43	14 36	1 16	21 18	1 38	4 24	0 41	19 53	1 26	27 24	4 53	23 5	23 14	0 39		n.a.
F 26	14 55	24 37	0 50	22 35	2 14	15 59	6 20	11 31	0 43	14 32	1 16	21 16	1 38	4 22	0 41	19 53	1 26	27 24	4 53	23 5	23 14	0 36		n.a.
S 27	14 35	22 22	0s18	22 13	2 15	16 9	6 9	11 14	0 42	14 27	1 16	21 15	1 38	4 21	0 41	19 53	1 26	27 23	4 53	23 5	23 15	0 33		n.a.
S 28	14s16	19n 7	1s24	21s48	2s15	16s19	5n59	10s58	0s41	14s22	1s16	21s13	1s38	4s20	0s41	19n54	1n26	27n23	4n53	23s 5	23s15	0n30		n.a.

Julian Day Number = 986936.5, Delta T = 13h07m06s
Ecliptic obliquity = 23°55'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'48, Lahiri = -31°40'47 Julian Calendar 1 Feb. 2011 BCE == Greg. Calendar 15 Jan. 2011 BCE

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

MARCH 2011 BCE (-2010) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 26 17	23♒32'49	12♌29	5♒47	21♑20	4♓30	26♒ 4	4♒13	20♓52	8°R28	11°R 4	14°R45	13♑14	18♍15	n.a.	M 1
T 2	9 30 13	24°31'15	24°30	7°32	21°29	5°13	26°18	4°21	20°56	8♌26	11♊ 4	14♑40	13°10	18°22	n.a.	T 2
W 3	9 34 10	25°29'39	6♍26	9°18	21°41	5°56	26°32	4°28	20°59	8°24	11° 4	14°34	13° 7	18°29	n.a.	W 3
T 4	9 38 6	26°28'01	18°19	11° 6	21°55	6°39	26°47	4°35	21° 2	8°23	11° 4	14°26	13° 4	18°35	n.a.	T 4
F 5	9 42 3	27°26'22	0♎11	12°55	22°11	7°23	27° 1	4°42	21° 5	8°21	11° 4	14°18	13° 1	18°42	n.a.	F 5
S 6	9 45 59	28°24'40	12° 4	14°46	22°29	8° 6	27°15	4°50	21° 9	8°20	11° 3	14°10	12°58	18°49	n.a.	S 6
S 7	9 49 56	29°22'57	24° 0	16°39	22°49	8°49	27°30	4°57	21°12	8°18	11° 3	14° 4	12°55	18°56	n.a.	S 7
M 8	9 53 52	0♓21'12	6♏ 4	18°33	23°10	9°32	27°44	5° 4	21°15	8°17	11° 3	13°59	12°51	19° 2	n.a.	M 8
T 9	9 57 49	1°19'25	18°17	20°29	23°34	10°14	27°58	5°11	21°18	8°15	11° 3	13°56	12°48	19° 9	n.a.	T 9
W10	10 1 45	2°17'36	0♐46	22°27	23°59	10°57	28°12	5°18	21°22	8°14	11° 3	13°D55	12°45	19°16	n.a.	W10
T 11	10 5 42	3°15'46	13°33	24°26	24°25	11°40	28°27	5°25	21°25	8°12	11°D 3	13°55	12°42	19°22	n.a.	T 11
F 12	10 9 39	4°13'55	26°44	26°26	24°54	12°23	28°41	5°32	21°28	8°11	11° 3	13°57	12°39	19°29	n.a.	F 12
S 13	10 13 35	5°12'02	10♑21	28°28	25°23	13° 6	28°55	5°39	21°32	8° 9	11° 3	13°R57	12°35	19°36	n.a.	S 13
S 14	10 17 32	6°10'07	24°26	0♓32	25°55	13°48	29° 9	5°46	21°35	8° 8	11° 3	13°57	12°32	19°43	n.a.	S 14
M15	10 21 28	7° 8'10	8♒58	2°36	26°27	14°31	29°24	5°53	21°38	8° 7	11° 3	13°55	12°29	19°49	n.a.	M15
T 16	10 25 25	8° 6'12	23°54	4°42	27° 1	15°14	29°38	6° 0	21°42	8° 5	11° 3	13°50	12°26	19°56	n.a.	T 16
W17	10 29 21	9° 4'12	9♓ 5	6°49	27°36	15°56	29°52	6° 7	21°45	8° 4	11° 4	13°43	12°23	20° 3	n.a.	W17
T 18	10 33 18	10° 2'11	24°22	8°57	28°13	16°39	0♓ 6	6°14	21°49	8° 2	11° 4	13°35	12°20	20° 9	n.a.	T 18
F 19	10 37 14	11° 0'07	9♈33	11° 6	28°51	17°21	0°20	6°20	21°52	8° 1	11° 4	13°27	12°16	20°16	n.a.	F 19
S 20	10 41 11	11°58'01	24°29	13°15	29°29	18° 3	0°35	6°27	21°55	8° 0	11° 4	13°19	12°13	20°23	n.a.	S 20
S 21	10 45 7	12°55'54	9♉ 2	15°25	0♒ 9	18°46	0°49	6°34	21°59	7°59	11° 4	13°13	12°10	20°30	n.a.	S 21
M22	10 49 4	13°53'45	23° 8	17°35	0°50	19°28	1° 3	6°40	22° 2	7°57	11° 5	13° 9	12° 7	20°36	n.a.	M22
T 23	10 53 1	14°51'34	6♊45	19°44	1°32	20°10	1°17	6°47	22° 6	7°56	11° 5	13° 7	12° 4	20°43	n.a.	T 23
W24	10 56 57	15°49'21	19°56	21°53	2°15	20°52	1°31	6°53	22° 9	7°55	11° 5	13°D 7	12° 1	20°50	n.a.	W24
T 25	11 0 54	16°47'06	2♋45	24° 1	2°59	21°34	1°45	7° 0	22°13	7°54	11° 6	13° 7	11°57	20°56	n.a.	T 25
F 26	11 4 50	17°44'49	15°14	26° 8	3°43	22°17	1°59	7° 6	22°16	7°52	11° 6	13°R 7	11°54	21° 3	n.a.	F 26
S 27	11 8 47	18°42'30	27°29	28°14	4°29	22°59	2°13	7°13	22°20	7°51	11° 6	13° 6	11°51	21°10	n.a.	S 27
S 28	11 12 43	19°40'10	9♌34	0♈18	5°15	23°41	2°27	7°19	22°23	7°50	11° 7	13° 3	11°48	21°17	n.a.	S 28
M29	11 16 40	20°37'47	21°32	2°20	6° 2	24°23	2°41	7°25	22°27	7°49	11° 7	12°58	11°45	21°23	n.a.	M29
T 30	11 20 36	21°35'24	3♍26	4°20	6°50	25° 4	2°55	7°32	22°30	7°48	11° 8	12°49	11°41	21°30	n.a.	T 30
W31	11 24 33	22♓32'58	15♍18	6♈18	7♒39	25♓46	3♓ 9	7♒38	22♓33	7♌47	11♊ 8	12♑38	11♑38	21♍37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	13s57	15n 5	2s25	21s22	2s14	16s28	5n48	10s41	0s41	14s17	1s16	21s11	1s39	4s19	0s41	19n54	1n26	27n23	4n53	23s 5	23s15	0n27			n.a.
T 2	13 37	10 30	3 19	20 54	2 13	16 37	5 37	10 25	0 40	14 12	1 16	21 9	1 39	4 17	0 41	19 55	1 26	27 23	4 53	23 6	23 16	0 24			n.a.
W 3	13 17	5 34	4 3	20 24	2 12	16 46	5 26	10 8	0 40	14 7	1 16	21 8	1 39	4 16	0 41	19 55	1 26	27 23	4 53	23 7	23 16	0 21			n.a.
T 4	12 57	0 28	4 37	19 52	2 9	16 55	5 16	9 51	0 39	14 2	1 16	21 6	1 39	4 15	0 41	19 56	1 26	27 23	4 53	23 8	23 16	0 18			n.a.
F 5	12 36	4s38	4 59	19 18	2 7	17 3	5 5	9 34	0 39	13 57	1 16	21 4	1 39	4 13	0 41	19 56	1 26	27 23	4 53	23 8	23 16	0 15			n.a.
S 6	12 16	9 34	5 8	18 42	2 4	17 11	4 54	9 17	0 38	13 52	1 16	21 3	1 39	4 12	0 41	19 56	1 26	27 23	4 53	23 9	23 17	0 12			n.a.
S 7	11 55	14 11	5 4	18 4	2 0	17 18	4 43	9 1	0 38	13 47	1 16	21 1	1 39	4 11	0 41	19 57	1 26	27 23	4 53	23 10	23 17	0 9			n.a.
M 8	11 34	18 17	4 46	17 24	1 55	17 25	4 33	8 44	0 37	13 42	1 16	20 59	1 39	4 9	0 41	19 57	1 26	27 23	4 53	23 10	23 17	0 6			n.a.
T 9	11 13	21 42	4 15	16 42	1 51	17 31	4 22	8 26	0 37	13 37	1 16	20 58	1 39	4 8	0 41	19 58	1 26	27 23	4 52	23 11	23 18	0 3			n.a.
W10	10 52	24 10	3 31	15 58	1 45	17 37	4 12	8 9	0 36	13 32	1 16	20 56	1 40	4 7	0 41	19 58	1 26	27 23	4 52	23 11	23 18	0 0			n.a.
T 11	10 31	25 28	2 36	15 12	1 39	17 43	4 1	7 52	0 35	13 27	1 16	20 55	1 40	4 5	0 41	19 58	1 26	27 23	4 52	23 11	23 18	0s 3			n.a.
F 12	10 9	25 24	1 31	14 24	1 33	17 48	3 51	7 35	0 35	13 21	1 16	20 53	1 40	4 4	0 41	19 59	1 26	27 23	4 52	23 11	23 19	0 6			n.a.
S 13	9 48	23 50	0 19	13 35	1 26	17 53	3 41	7 18	0 34	13 16	1 16	20 51	1 40	4 3	0 41	19 59	1 26	27 22	4 52	23 11	23 19	0 9			n.a.
S 14	9 26	20 45	0n56	12 43	1 18	17 57	3 31	7 1	0 34	13 11	1 16	20 50	1 40	4 1	0 41	19 59	1 26	27 22	4 52	23 11	23 19	0 12			n.a.
M15	9 4	16 17	2 10	11 50	1 10	18 0	3 21	6 43	0 33	13 6	1 16	20 48	1 40	4 0	0 40	20 0	1 26	27 22	4 52	23 11	23 20	0 15			n.a.
T 16	8 42	10 44	3 17	10 56	1 1	18 3	3 11	6 26	0 33	13 1	1 16	20 46	1 40	3 59	0 40	20 0	1 26	27 22	4 52	23 11	23 20	0 18			n.a.
W17	8 20	4 27	4 12	10 0	0 52	18 6	3 1	6 9	0 32	12 56	1 16	20 45	1 41	3 57	0 40	20 1	1 26	27 22	4 52	23 12	23 20	0 21			n.a.
T 18	7 58	2n 7	4 48	9 2	0 43	18 8	2 52	5 51	0 31	12 51	1 16	20 43	1 41	3 56	0 40	20 1	1 26	27 22	4 52	23 13	23 20	0 24			n.a.
F 19	7 35	8 30	5 4	8 4	0 33	18 10	2 42	5 34	0 31	12 46	1 17	20 42	1 41	3 54	0 40	20 1	1 26	27 22	4 52	23 14	23 21	0 27			n.a.
S 20	7 13	14 18	4 59	7 4	0 23	18 11	2 33	5 17	0 30	12 41	1 17	20 40	1 41	3 53	0 40	20 2	1 26	27 22	4 52	23 15	23 21	0 30			n.a.
S 21	6 50	19 7	4 35	6 4	0 13	18 11	2 24	4 59	0 30	12 36	1 17	20 38	1 41	3 52	0 40	20 2	1 26	27 22	4 52	23 15	23 21	0 33			n.a.
M22	6 28	22 42	3 54	5 2	0 2	18 11	2 15	4 42	0 29	12 31	1 17	20 37	1 41	3 50	0 40	20 2	1 26	27 22	4 52	23 16	23 22	0 36			n.a.
T 23	6 5	24 51	3 1	4 1	0n 8	18 10	2 6	4 24	0 29	12 26	1 17	20 35	1 42	3 49	0 40	20 3	1 26	27 22	4 52	23 16	23 22	0 39			n.a.
W24	5 42	25 32	2 0	2 59	0 19	18 9	1 58	4 7	0 28	12 21	1 17	20 34	1 42	3 47	0 40	20 3	1 26	27 22	4 52	23 16	23 22	0 41			n.a.
T 25	5 19	24 49	0 55	1 58	0 30	18 7	1 49	3 50	0 27	12 15	1 17	20 32	1 42	3 46	0 40	20 3	1 26	27 22	4 52	23 16	23 23	0 44			n.a.
F 26	4 56	22 51	0s11	0 57	0 41	18 5	1 41	3 32	0 27	12 10	1 17	20 31	1 42	3 45	0 40	20 3	1 26	27 22	4 51	23 16	23 23	0 47			n.a.
S 27	4 33	19 51	1 16	0n 4	0 51	18 2	1 32	3 15	0 26	12 5	1 17	20 29	1 42	3 43	0 40	20 4	1 26	27 22	4 51	23 16	23 23	0 50			n.a.
S 28	4 10	16 2	2 16	1 3	1 1	17 59	1 24	2 57	0 26	12 0	1 17	20 28	1 42	3 42	0 40	20 4	1 26	27 22	4 51	23 16	23 23	0 53			n.a.
M29	3 47	11 38	3 9	2 2	1 11	17 55	1 17	2 40	0 25	11 55	1 17	20 26	1 43	3 40	0 40	20 4	1 26	27 22	4 51	23 17	23 24	0 56			n.a.
T 30	3 24	6 50	3 54	2 59	1 21	17 50	1 9	2 22	0 25	11 50	1 17	20 25	1 43	3 39	0 40	20 5	1 26	27 22	4 51	23 18	23 24	0 59			n.a.
W31	3s 1	1n48	4s28	3n55	1n30	17s45	1n 1	2s 5	0s24	11s45	1s17	20s23	1s43	3s38	0s40	20n 5	1n26	27n22	4n51	23s19	23s24	1s 2			n.a.

Julian Day Number = 986964.5, Delta T = 13h07m04s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'44, Lahiri = -31°40'43 Julian Calendar 1 March 2011 BCE == Greg. Calendar 12 Feb. 2011 BCE

The year -2010 astronomical counting style corresponds to year 2011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

APRIL 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 28 30	23♓30'31	27♍10	8♈13	8♒28	26♓28	3♓23	7♒44	22♓37	7°R46	11♊ 9	12°R26	11♑35	21♍43	n.a.	T 1
F 2	11 32 26	24°28'03	9♎ 4	10° 5	9°19	27°10	3°36	7°50	22°40	7♌45	11° 9	12♑13	11°32	21°50	n.a.	F 2
S 3	11 36 23	25°25'33	21° 0	11°55	10° 9	27°51	3°50	7°56	22°44	7°44	11°10	12° 1	11°29	21°57	n.a.	S 3
S 4	11 40 19	26°23'03	3♏ 1	13°42	11° 1	28°33	4° 4	8° 2	22°47	7°43	11°11	11°50	11°26	22° 4	n.a.	S 4
M 5	11 44 16	27°20'31	15° 9	15°26	11°53	29°15	4°18	8° 8	22°51	7°42	11°11	11°41	11°22	22°10	n.a.	M 5
T 6	11 48 12	28°17'58	27°26	17° 7	12°45	29°56	4°31	8°13	22°54	7°41	11°12	11°35	11°19	22°17	n.a.	T 6
W 7	11 52 9	29°15'24	9♐55	18°45	13°39	0♈38	4°45	8°19	22°58	7°40	11°13	11°31	11°16	22°24	n.a.	W 7
T 8	11 56 5	0♈12'49	22°41	20°19	14°32	1°19	4°58	8°25	23° 1	7°39	11°13	11°30	11°13	22°30	n.a.	T 8
F 9	12 0 2	1°10'13	5♑47	21°50	15°27	2° 1	5°12	8°31	23° 5	7°38	11°14	11°30	11°10	22°37	n.a.	F 9
S 10	12 3 59	2° 7'37	19°17	23°19	16°22	2°42	5°25	8°36	23° 8	7°37	11°15	11°30	11° 6	22°44	n.a.	S 10
S 11	12 7 55	3° 4'59	3♒13	24°43	17°17	3°23	5°39	8°42	23°12	7°37	11°16	11°29	11° 3	22°51	n.a.	S 11
M12	12 11 52	4° 2'21	17°36	26° 5	18°13	4° 5	5°52	8°47	23°15	7°36	11°16	11°25	11° 0	22°57	n.a.	M12
T 13	12 15 48	4°59'41	2♓24	27°23	19° 9	4°46	6° 6	8°52	23°18	7°35	11°17	11°19	10°57	23° 4	n.a.	T 13
W14	12 19 45	5°57'01	17°30	28°37	20° 6	5°27	6°19	8°58	23°22	7°34	11°18	11°11	10°54	23°11	n.a.	W14
T 15	12 23 41	6°54'20	2♈47	29°49	21° 3	6° 8	6°32	9° 3	23°25	7°34	11°19	11° 1	10°51	23°17	n.a.	T 15
F 16	12 27 38	7°51'38	18° 2	0♉56	22° 0	6°49	6°45	9° 8	23°29	7°33	11°20	10°50	10°47	23°24	n.a.	F 16
S 17	12 31 34	8°48'55	3♉ 4	2° 0	22°58	7°30	6°59	9°13	23°32	7°33	11°21	10°40	10°44	23°31	n.a.	S 17
S 18	12 35 31	9°46'10	17°46	3° 1	23°56	8°12	7°12	9°18	23°35	7°32	11°22	10°31	10°41	23°38	n.a.	S 18
M19	12 39 28	10°43'25	2♊ 0	3°57	24°55	8°53	7°25	9°23	23°39	7°31	11°23	10°25	10°38	23°44	n.a.	M19
T 20	12 43 24	11°40'39	15°44	4°50	25°54	9°33	7°38	9°28	23°42	7°31	11°24	10°22	10°35	23°51	n.a.	T 20
W21	12 47 21	12°37'52	29° 0	5°39	26°53	10°14	7°51	9°33	23°45	7°30	11°25	10°20	10°32	23°58	n.a.	W21
T 22	12 51 17	13°35'03	11♋50	6°24	27°53	10°55	8° 3	9°38	23°49	7°30	11°26	10°20	10°28	24° 5	n.a.	T 22
F 23	12 55 14	14°32'14	24°19	7° 5	28°53	11°36	8°16	9°42	23°52	7°30	11°27	10°20	10°25	24°11	n.a.	F 23
S 24	12 59 10	15°29'23	6♌31	7°42	29°54	12°17	8°29	9°47	23°55	7°29	11°28	10°19	10°22	24°18	n.a.	S 24
S 25	13 3 7	16°26'32	18°33	8°15	0♓54	12°57	8°42	9°51	23°59	7°29	11°29	10°16	10°19	24°25	n.a.	S 25
M26	13 7 3	17°23'40	0♍27	8°43	1°55	13°38	8°54	9°56	24° 2	7°28	11°30	10°10	10°16	24°31	n.a.	M26
T 27	13 11 0	18°20'46	12°18	9° 7	2°56	14°19	9° 7	10° 0	24° 5	7°28	11°31	10° 1	10°12	24°38	n.a.	T 27
W28	13 14 57	19°17'52	24°10	9°26	3°58	14°59	9°19	10° 4	24° 8	7°28	11°32	9°50	10° 9	24°45	n.a.	W28
T 29	13 18 53	20°14'58	6♎ 3	9°41	5° 0	15°40	9°32	10° 8	24°11	7°28	11°33	9°37	10° 6	24°52	n.a.	T 29
F 30	13 22 50	21♈12'02	18♎ 1	9♉51	6♓ 2	16♈20	9♓44	10♒13	24♓15	7♌27	11♊35	9♑24	10♑ 3	24♍58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s38	3s17	4s51	4n50	1n39	17s39	0n54	1s47	0s23	11s40	1s17	20s22	1s43	3s36	0s40	20n 5	1n26	27n22	4n51	23s20	23s25	1s 5		n.a.
F 2	2 14	8 15	5 0	5 43	1 47	17 33	0 46	1 30	0 23	11 35	1 17	20 21	1 43	3 35	0 40	20 5	1 26	27 22	4 51	23 21	23 25	1 8		n.a.
S 3	1 51	12 56	4 57	6 34	1 55	17 26	0 39	1 12	0 22	11 30	1 17	20 19	1 43	3 33	0 40	20 6	1 26	27 22	4 51	23 22	23 25	1 11		n.a.
S 4	1 28	17 9	4 41	7 23	2 2	17 18	0 32	0 55	0 22	11 25	1 17	20 18	1 44	3 32	0 40	20 6	1 26	27 22	4 51	23 23	23 25	1 14		n.a.
M 5	1 5	20 43	4 12	8 10	2 8	17 10	0 25	0 38	0 21	11 20	1 18	20 16	1 44	3 31	0 40	20 6	1 26	27 22	4 51	23 24	23 26	1 17		n.a.
T 6	0 41	23 24	3 31	8 54	2 14	17 1	0 19	0 20	0 21	11 15	1 18	20 15	1 44	3 29	0 40	20 6	1 26	27 22	4 51	23 25	23 26	1 20		n.a.
W 7	0 18	25 0	2 39	9 37	2 19	16 52	0 12	0 3	0 20	11 10	1 18	20 14	1 44	3 28	0 40	20 6	1 26	27 22	4 51	23 25	23 26	1 23		n.a.
T 8	0n 5	25 21	1 38	10 18	2 23	16 42	0 6	0n14	0 19	11 5	1 18	20 12	1 44	3 26	0 40	20 7	1 26	27 22	4 51	23 25	23 26	1 26		n.a.
F 9	0 28	24 18	0 30	10 56	2 27	16 32	0s 0	0 32	0 19	11 0	1 18	20 11	1 45	3 25	0 40	20 7	1 26	27 23	4 51	23 25	23 27	1 29		n.a.
S 10	0 52	21 50	0n41	11 32	2 29	16 21	0 6	0 49	0 18	10 55	1 18	20 10	1 45	3 24	0 40	20 7	1 26	27 23	4 51	23 25	23 27	1 32		n.a.
S 11	1 15	18 1	1 52	12 6	2 31	16 10	0 12	1 6	0 18	10 50	1 18	20 8	1 45	3 22	0 40	20 7	1 26	27 23	4 51	23 25	23 27	1 35		n.a.
M12	1 38	13 3	2 58	12 38	2 33	15 58	0 18	1 24	0 17	10 45	1 18	20 7	1 45	3 21	0 40	20 7	1 26	27 23	4 51	23 25	23 28	1 38		n.a.
T 13	2 1	7 11	3 54	13 7	2 33	15 46	0 24	1 41	0 16	10 40	1 18	20 6	1 45	3 19	0 40	20 8	1 26	27 23	4 50	23 26	23 28	1 41		n.a.
W14	2 25	0 49	4 35	13 34	2 33	15 33	0 29	1 58	0 16	10 35	1 18	20 5	1 46	3 18	0 40	20 8	1 26	27 23	4 50	23 27	23 28	1 44		n.a.
T 15	2 48	5n39	4 57	13 59	2 31	15 19	0 35	2 15	0 15	10 30	1 18	20 3	1 46	3 17	0 40	20 8	1 26	27 23	4 50	23 28	23 28	1 47		n.a.
F 16	3 11	11 47	4 58	14 22	2 29	15 5	0 40	2 32	0 15	10 25	1 18	20 2	1 46	3 15	0 40	20 8	1 26	27 23	4 50	23 28	23 29	1 49		n.a.
S 17	3 34	17 7	4 38	14 42	2 27	14 50	0 45	2 49	0 14	10 20	1 19	20 1	1 46	3 14	0 40	20 8	1 26	27 23	4 50	23 29	23 29	1 52		n.a.
S 18	3 57	21 18	4 0	15 0	2 23	14 35	0 50	3 6	0 13	10 15	1 19	20 0	1 46	3 13	0 40	20 8	1 26	27 23	4 50	23 30	23 29	1 55		n.a.
M19	4 20	24 3	3 8	15 15	2 18	14 20	0 54	3 23	0 13	10 11	1 19	19 59	1 47	3 11	0 40	20 8	1 26	27 23	4 50	23 30	23 29	1 58		n.a.
T 20	4 42	25 14	2 6	15 29	2 13	14 4	0 59	3 40	0 12	10 6	1 19	19 58	1 47	3 10	0 40	20 8	1 26	27 23	4 50	23 31	23 30	2 1		n.a.
W21	5 5	24 55	1 0	15 39	2 7	13 47	1 4	3 57	0 12	10 1	1 19	19 56	1 47	3 9	0 40	20 9	1 25	27 24	4 50	23 31	23 30	2 4		n.a.
T 22	5 28	23 15	0s 8	15 48	2 0	13 31	1 8	4 14	0 11	9 56	1 19	19 55	1 47	3 7	0 40	20 9	1 25	27 24	4 50	23 31	23 30	2 7		n.a.
F 23	5 51	20 29	1 13	15 54	1 52	13 13	1 12	4 31	0 11	9 51	1 19	19 54	1 48	3 6	0 40	20 9	1 25	27 24	4 50	23 31	23 30	2 10		n.a.
S 24	6 13	16 52	2 14	15 59	1 43	12 55	1 16	4 48	0 10	9 47	1 19	19 53	1 48	3 5	0 40	20 9	1 25	27 24	4 50	23 31	23 31	2 13		n.a.
S 25	6 35	12 37	3 7	16 0	1 33	12 37	1 20	5 5	0 9	9 42	1 20	19 52	1 48	3 3	0 40	20 9	1 25	27 24	4 50	23 31	23 31	2 16		n.a.
M26	6 58	7 56	3 52	16 0	1 23	12 18	1 24	5 21	0 9	9 37	1 20	19 51	1 48	3 2	0 40	20 9	1 25	27 24	4 50	23 32	23 31	2 19		n.a.
T 27	7 20	2 59	4 26	15 57	1 11	11 59	1 27	5 38	0 8	9 32	1 20	19 50	1 49	3 1	0 40	20 9	1 25	27 24	4 50	23 32	23 31	2 22		n.a.
W28	7 42	2s 3	4 49	15 52	0 59	11 40	1 31	5 54	0 8	9 28	1 20	19 49	1 49	2 59	0 40	20 9	1 25	27 24	4 50	23 33	23 32	2 25		n.a.
T 29	8 4	7 1	4 59	15 45	0 47	11 20	1 34	6 11	0 7	9 23	1 20	19 48	1 49	2 58	0 40	20 9	1 25	27 25	4 50	23 34	23 32	2 28		n.a.
F 30	8n26	11s46	4s57	15n35	0n33	10s59	1s38	6n27	0s 6	9s18	1s20	19s48	1s49	2s57	0s40	20n 9	1n25	27n25	4n50	23s35	23s32	2s30		n.a.

Julian Day Number = 986995.5, Delta T = 13h07m02s
Ecliptic obliquity = 23°55'34, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'40, Lahiri = -31°40'39 Julian Calendar 1 Apr. 2011 BCE == Greg. Calendar 15 March 2011 BCE

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

MAY 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 26 46	22♈ 9'06	0♏ 5	9♉57	7♓ 4	17♈ 1	9♓57	10♒17	24♓18	7°R27	11♊36	9°R11	10♑ 0	25♍ 5	n.a.	S 1
S 2	13 30 43	23° 6'10	12°14	9°R58	8° 7	17°41	10° 9	10°20	24°21	7♎27	11°37	9♑ 0	9°57	25°12	n.a.	S 2
M 3	13 34 39	24° 3'14	24°32	9°55	9° 9	18°22	10°21	10°24	24°24	7°27	11°38	8°51	9°53	25°18	n.a.	M 3
T 4	13 38 36	25° 0'17	6♐59	9°47	10°13	19° 2	10°33	10°28	24°27	7°27	11°39	8°44	9°50	25°25	n.a.	T 4
W 5	13 42 32	25°57'20	19°37	9°35	11°16	19°42	10°45	10°32	24°30	7°27	11°41	8°41	9°47	25°32	n.a.	W 5
T 6	13 46 29	26°54'24	2♑29	9°19	12°19	20°23	10°57	10°35	24°33	7°D27	11°42	8°39	9°44	25°39	n.a.	T 6
F 7	13 50 26	27°51'27	15°38	8°59	13°23	21° 3	11° 9	10°39	24°36	7°27	11°43	8°D39	9°41	25°45	n.a.	F 7
S 8	13 54 22	28°48'30	29° 5	8°36	14°27	21°43	11°21	10°42	24°39	7°27	11°45	8°R40	9°38	25°52	n.a.	S 8
S 9	13 58 19	29°45'33	12♒55	8° 9	15°31	22°23	11°32	10°46	24°42	7°27	11°46	8°39	9°34	25°59	n.a.	S 9
M10	14 2 15	0♉42'36	27° 6	7°40	16°36	23° 3	11°44	10°49	24°45	7°27	11°47	8°36	9°31	26° 5	n.a.	M10
T 11	14 6 12	1°39'40	11♓39	7° 8	17°40	23°43	11°55	10°52	24°48	7°27	11°49	8°32	9°28	26°12	n.a.	T 11
W12	14 10 8	2°36'43	26°29	6°35	18°45	24°23	12° 7	10°55	24°51	7°27	11°50	8°25	9°25	26°19	n.a.	W12
T 13	14 14 5	3°33'46	11♈30	6° 0	19°50	25° 3	12°18	10°58	24°54	7°27	11°52	8°16	9°22	26°26	n.a.	T 13
F 14	14 18 2	4°30'50	26°33	5°25	20°55	25°43	12°29	11° 1	24°57	7°28	11°53	8° 7	9°18	26°32	n.a.	F 14
S 15	14 21 58	5°27'54	11♉27	4°49	22° 1	26°23	12°41	11° 3	25° 0	7°28	11°54	7°58	9°15	26°39	n.a.	S 15
S 16	14 25 55	6°24'58	26° 4	4°14	23° 6	27° 3	12°52	11° 6	25° 3	7°28	11°56	7°50	9°12	26°46	n.a.	S 16
M17	14 29 51	7°22'01	10♊18	3°40	24°12	27°43	13° 3	11° 9	25° 5	7°29	11°57	7°45	9° 9	26°53	n.a.	M17
T 18	14 33 48	8°19'05	24° 4	3° 8	25°18	28°23	13°14	11°11	25° 8	7°29	11°59	7°42	9° 6	26°59	n.a.	T 18
W19	14 37 44	9°16'09	7♋23	2°38	26°24	29° 3	13°24	11°14	25°11	7°29	12° 0	7°D41	9° 3	27° 6	n.a.	W19
T 20	14 41 41	10°13'12	20°17	2°11	27°30	29°42	13°35	11°16	25°14	7°30	12° 2	7°42	8°59	27°13	n.a.	T 20
F 21	14 45 38	11°10'16	2♌49	1°47	28°36	0♉22	13°46	11°18	25°16	7°30	12° 3	7°43	8°56	27°19	n.a.	F 21
S 22	14 49 34	12° 7'19	15° 3	1°27	29°43	1° 2	13°56	11°20	25°19	7°31	12° 5	7°R43	8°53	27°26	n.a.	S 22
S 23	14 53 31	13° 4'23	27° 6	1°11	0♈49	1°41	14° 7	11°22	25°21	7°31	12° 6	7°42	8°50	27°33	n.a.	S 23
M24	14 57 27	14° 1'26	9♍ 0	0°59	1°56	2°21	14°17	11°24	25°24	7°32	12° 8	7°39	8°47	27°40	n.a.	M24
T 25	15 1 24	14°58'29	20°52	0°53	3° 3	3° 1	14°27	11°26	25°27	7°32	12°10	7°34	8°43	27°46	n.a.	T 25
W26	15 5 20	15°55'33	2♎45	0°D51	4°10	3°40	14°37	11°27	25°29	7°33	12°11	7°26	8°40	27°53	n.a.	W26
T 27	15 9 17	16°52'37	14°42	0°54	5°17	4°20	14°47	11°29	25°31	7°34	12°13	7°18	8°37	28° 0	n.a.	T 27
F 28	15 13 13	17°49'41	26°46	1° 2	6°24	4°59	14°57	11°30	25°34	7°34	12°14	7° 9	8°34	28° 6	n.a.	F 28
S 29	15 17 10	18°46'45	8♏58	1°15	7°32	5°38	15° 7	11°32	25°36	7°35	12°16	7° 0	8°31	28°13	n.a.	S 29
S 30	15 21 7	19°43'50	21°20	1°34	8°39	6°18	15°16	11°33	25°39	7°36	12°18	6°52	8°28	28°20	n.a.	S 30
M31	15 25 3	20♉40'56	3♐52	1♉59	9♈47	6♉57	15♓26	11♒34	25♓41	7♎37	12♊19	6♑46	8♑24	28♍27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n48	16s 5	4s41	15n24	0n19	10s39	1s41	6n44	0s 6	9s14	1s20	19s47	1s49	2s56	0s40	20n 9	1n25	27n25	4n50	23s36	23s32	2s33		n.a.
S 2	9 9	19 48	4 12	15 10	0 4	10 18	1 44	7 0	0 5	9 9	1 20	19 46	1 50	2 54	0 40	20 9	1 25	27 25	4 50	23 37	23 33	2 36		n.a.
M 3	9 31	22 41	3 31	14 54	0s11	9 56	1 46	7 16	0 5	9 5	1 21	19 45	1 50	2 53	0 40	20 9	1 25	27 25	4 50	23 37	23 33	2 39		n.a.
T 4	9 52	24 32	2 39	14 37	0 27	9 34	1 49	7 32	0 4	9 0	1 21	19 44	1 50	2 52	0 40	20 9	1 25	27 25	4 50	23 38	23 33	2 42		n.a.
W 5	10 13	25 9	1 39	14 18	0 43	9 12	1 52	7 48	0 3	8 56	1 21	19 43	1 50	2 51	0 40	20 9	1 25	27 25	4 50	23 38	23 33	2 45		n.a.
T 6	10 34	24 27	0 33	13 57	0 59	8 50	1 54	8 4	0 3	8 51	1 21	19 43	1 51	2 49	0 41	20 9	1 25	27 26	4 50	23 38	23 34	2 48		n.a.
F 7	10 55	22 23	0n37	13 35	1 16	8 27	1 57	8 20	0 2	8 47	1 21	19 42	1 51	2 48	0 41	20 9	1 25	27 26	4 50	23 38	23 34	2 51		n.a.
S 8	11 16	19 1	1 46	13 12	1 32	8 4	1 59	8 36	0 2	8 42	1 21	19 41	1 51	2 47	0 41	20 9	1 25	27 26	4 50	23 38	23 34	2 54		n.a.
S 9	11 37	14 33	2 51	12 48	1 49	7 40	2 1	8 52	0 1	8 38	1 22	19 40	1 51	2 46	0 41	20 9	1 25	27 26	4 50	23 38	23 34	2 57		n.a.
M10	11 57	9 10	3 48	12 23	2 5	7 16	2 3	9 8	0 0	8 34	1 22	19 40	1 52	2 45	0 41	20 9	1 25	27 26	4 50	23 38	23 35	3 0		n.a.
T 11	12 17	3 10	4 31	11 58	2 20	6 52	2 5	9 24	0n 0	8 29	1 22	19 39	1 52	2 43	0 41	20 9	1 25	27 27	4 50	23 39	23 35	3 2		n.a.
W12	12 37	3n 6	4 57	11 33	2 35	6 28	2 6	9 39	0 1	8 25	1 22	19 39	1 52	2 42	0 41	20 9	1 25	27 27	4 50	23 39	23 35	3 5		n.a.
T 13	12 57	9 16	5 3	11 8	2 50	6 3	2 8	9 55	0 1	8 21	1 22	19 38	1 52	2 41	0 41	20 9	1 25	27 27	4 50	23 40	23 35	3 8		n.a.
F 14	13 17	14 54	4 48	10 43	3 3	5 38	2 9	10 10	0 2	8 16	1 22	19 37	1 53	2 40	0 41	20 8	1 25	27 27	4 50	23 40	23 35	3 11		n.a.
S 15	13 37	19 34	4 13	10 19	3 16	5 13	2 11	10 25	0 3	8 12	1 23	19 37	1 53	2 39	0 41	20 8	1 25	27 27	4 50	23 41	23 36	3 14		n.a.
S 16	13 56	22 57	3 23	9 57	3 27	4 48	2 12	10 41	0 3	8 8	1 23	19 36	1 53	2 38	0 41	20 8	1 25	27 27	4 50	23 41	23 36	3 17		n.a.
M17	14 15	24 46	2 21	9 36	3 37	4 23	2 13	10 56	0 4	8 4	1 23	19 36	1 54	2 37	0 41	20 8	1 25	27 28	4 50	23 42	23 36	3 20		n.a.
T 18	14 34	24 59	1 12	9 17	3 46	3 57	2 14	11 11	0 4	8 0	1 23	19 35	1 54	2 35	0 41	20 8	1 25	27 28	4 50	23 42	23 36	3 23		n.a.
W19	14 52	23 44	0 2	8 59	3 53	3 31	2 15	11 26	0 5	7 56	1 23	19 35	1 54	2 34	0 41	20 8	1 24	27 28	4 50	23 42	23 37	3 26		n.a.
T 20	15 11	21 15	1s 7	8 44	3 59	3 5	2 16	11 41	0 5	7 52	1 23	19 35	1 54	2 33	0 41	20 8	1 24	27 28	4 50	23 42	23 37	3 28		n.a.
F 21	15 29	17 49	2 10	8 32	4 4	2 39	2 16	11 56	0 6	7 48	1 24	19 34	1 55	2 32	0 41	20 7	1 24	27 29	4 50	23 42	23 37	3 31		n.a.
S 22	15 47	13 41	3 6	8 22	4 7	2 12	2 17	12 10	0 7	7 44	1 24	19 34	1 55	2 31	0 41	20 7	1 24	27 29	4 50	23 42	23 37	3 34		n.a.
S 23	16 5	9 5	3 53	8 15	4 9	1 45	2 17	12 25	0 7	7 40	1 24	19 34	1 55	2 30	0 41	20 7	1 24	27 29	4 50	23 42	23 37	3 37		n.a.
M24	16 22	4 13	4 29	8 10	4 9	1 19	2 17	12 39	0 8	7 36	1 24	19 33	1 55	2 29	0 41	20 7	1 24	27 29	4 50	23 42	23 38	3 40		n.a.
T 25	16 39	0s47	4 53	8 9	4 8	0 52	2 18	12 54	0 8	7 32	1 24	19 33	1 56	2 28	0 41	20 7	1 24	27 29	4 50	23 42	23 38	3 43		n.a.
W26	16 56	5 46	5 5	8 10	4 6	0 25	2 18	13 8	0 9	7 28	1 25	19 33	1 56	2 27	0 41	20 7	1 24	27 30	4 50	23 43	23 38	3 46		n.a.
T 27	17 13	10 33	5 4	8 14	4 2	0n 2	2 18	13 22	0 10	7 25	1 25	19 33	1 56	2 26	0 41	20 6	1 24	27 30	4 50	23 43	23 38	3 49		n.a.
F 28	17 29	14 59	4 49	8 22	3 58	0 30	2 18	13 36	0 10	7 21	1 25	19 33	1 56	2 25	0 41	20 6	1 24	27 30	4 50	23 44	23 39	3 51		n.a.
S 29	17 46	18 52	4 20	8 32	3 52	0 57	2 18	13 50	0 11	7 17	1 25	19 32	1 57	2 24	0 41	20 6	1 24	27 30	4 50	23 44	23 39	3 54		n.a.
S 30	18 1	21 59	3 40	8 45	3 45	1 24	2 17	14 4	0 11	7 14	1 25	19 32	1 57	2 23	0 41	20 6	1 24	27 31	4 50	23 45	23 39	3 57		n.a.
M31	18n17	24s 6	2s48	9n 0	3s38	1n52	2s17	14n18	0n12	7s10	1s26	19s32	1s57	2s22	0s41	20n 5	1n24	27n31	4n50	23s45	23s39	4s 0		n.a.

Julian Day Number = 987025.5, Delta T = 13h07m00s
Ecliptic obliquity = 23°55'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'36, Lahiri = -31°40'35 Julian Calendar 1 May 2011 BCE == Greg. Calendar 14 Apr. 2011 BCE

The year -2010 astronomical counting style corresponds to year 2011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

JUNE 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 29 0	21♉38'02	16♐36	2♉28	10♈55	7♉36	15♓35	11♒35	25♓43	7♎37	12♊21	6°R42	8♑21	28♍33	n.a.	T 1
W 2	15 32 56	22°35'09	29°31	3° 4	12° 3	8°16	15°45	11°36	25°46	7°38	12°23	6♑41	8°18	28°40	n.a.	W 2
T 3	15 36 53	23°32'17	12♑38	3°44	13°11	8°55	15°54	11°37	25°48	7°39	12°24	6°D41	8°15	28°47	n.a.	T 3
F 4	15 40 49	24°29'26	25°58	4°30	14°19	9°34	16° 3	11°38	25°50	7°40	12°26	6°42	8°12	28°54	n.a.	F 4
S 5	15 44 46	25°26'36	9♒33	5°21	15°27	10°13	16°12	11°39	25°52	7°41	12°28	6°43	8° 9	29° 0	n.a.	S 5
S 6	15 48 43	26°23'46	23°24	6°17	16°36	10°52	16°20	11°39	25°54	7°42	12°29	6°R44	8° 5	29° 7	n.a.	S 6
M 7	15 52 39	27°20'58	7♓29	7°18	17°44	11°32	16°29	11°40	25°56	7°43	12°31	6°43	8° 2	29°14	n.a.	M 7
T 8	15 56 36	28°18'11	21°48	8°24	18°53	12°11	16°38	11°40	25°58	7°44	12°33	6°41	7°59	29°20	n.a.	T 8
W 9	16 0 32	29°15'25	6♈19	9°36	20° 2	12°50	16°46	11°40	26° 0	7°45	12°34	6°38	7°56	29°27	n.a.	W 9
T 10	16 4 29	0♊12'40	20°57	10°52	21°11	13°29	16°54	11°40	26° 2	7°46	12°36	6°33	7°53	29°34	n.a.	T 10
F 11	16 8 25	1° 9'56	5♉36	12°13	22°20	14° 8	17° 3	11°R40	26° 4	7°47	12°38	6°28	7°49	29°41	n.a.	F 11
S 12	16 12 22	2° 7'14	20° 8	13°38	23°29	14°47	17°11	11°40	26° 6	7°48	12°40	6°23	7°46	29°47	n.a.	S 12
S 13	16 16 18	3° 4'32	4♊28	15° 8	24°38	15°26	17°18	11°40	26° 8	7°49	12°41	6°19	7°43	29°54	n.a.	S 13
M14	16 20 15	4° 1'52	18°29	16°42	25°47	16° 4	17°26	11°40	26° 9	7°51	12°43	6°16	7°40	0♏ 1	n.a.	M14
T 15	16 24 12	4°59'12	2♋ 9	18°20	26°57	16°43	17°34	11°39	26°11	7°52	12°45	6°D15	7°37	0° 7	n.a.	T 15
W16	16 28 8	5°56'34	15°25	20° 2	28° 6	17°22	17°41	11°39	26°13	7°53	12°46	6°15	7°34	0°14	n.a.	W16
T 17	16 32 5	6°53'56	28°19	21°48	29°16	18° 1	17°48	11°38	26°14	7°54	12°48	6°17	7°30	0°21	n.a.	T 17
F 18	16 36 1	7°51'19	10♌52	23°37	0♉26	18°40	17°56	11°38	26°16	7°56	12°50	6°18	7°27	0°28	n.a.	F 18
S 19	16 39 58	8°48'43	23° 9	25°28	1°35	19°18	18° 3	11°37	26°18	7°57	12°52	6°20	7°24	0°34	n.a.	S 19
S 20	16 43 54	9°46'08	5♍13	27°23	2°45	19°57	18° 9	11°36	26°19	7°58	12°53	6°R21	7°21	0°41	n.a.	S 20
M21	16 47 51	10°43'34	17°10	29°20	3°55	20°36	18°16	11°35	26°21	8° 0	12°55	6°20	7°18	0°48	n.a.	M21
T 22	16 51 48	11°41'01	29° 3	1♊19	5° 5	21°15	18°23	11°34	26°22	8° 1	12°57	6°19	7°15	0°55	n.a.	T 22
W23	16 55 44	12°38'28	10♎57	3°19	6°16	21°53	18°29	11°33	26°23	8° 2	12°59	6°17	7°11	1° 1	n.a.	W23
T 24	16 59 41	13°35'57	22°57	5°20	7°26	22°32	18°35	11°31	26°25	8° 4	13° 0	6°14	7° 8	1° 8	n.a.	T 24
F 25	17 3 37	14°33'27	5♏ 6	7°23	8°36	23°10	18°41	11°30	26°26	8° 5	13° 2	6°11	7° 5	1°15	n.a.	F 25
S 26	17 7 34	15°30'59	17°26	9°26	9°47	23°49	18°47	11°28	26°27	8° 7	13° 4	6° 7	7° 2	1°21	n.a.	S 26
S 27	17 11 30	16°28'31	0♐ 0	11°29	10°57	24°27	18°53	11°27	26°28	8° 8	13° 6	6° 5	6°59	1°28	n.a.	S 27
M28	17 15 27	17°26'05	12°49	13°33	12° 8	25° 6	18°59	11°25	26°29	8°10	13° 7	6° 2	6°55	1°35	n.a.	M28
T 29	17 19 23	18°23'41	25°52	15°36	13°18	25°44	19° 4	11°23	26°31	8°11	13° 9	6° 1	6°52	1°42	n.a.	T 29
W30	17 23 20	19♊21'18	9♑ 9	17♊38	14♉29	26♉23	19♓ 9	11♒21	26♓32	8♌13	13♊11	6°D 1	6♑49	1♏48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n32	25s 0	1s46	9n18	3s29	2n19	2s16	14n32	0n13	7s 6	1s26	19s32	1s58	2s22	0s41	20n 5	1n24	27n31	4n50	23s45	23s39	4s 3		n.a.
W 2	18 47	24 34	0 39	9 39	3 20	2 47	2 16	14 45	0 13	7 3	1 26	19 32	1 58	2 21	0 41	20 5	1 24	27 31	4 50	23 45	23 40	4 6		n.a.
T 3	19 2	22 47	0n32	10 3	3 10	3 14	2 15	14 59	0 14	7 0	1 26	19 32	1 58	2 20	0 41	20 5	1 24	27 32	4 50	23 45	23 40	4 9		n.a.
F 4	19 17	19 42	1 43	10 28	2 59	3 42	2 14	15 12	0 14	6 56	1 26	19 32	1 58	2 19	0 41	20 4	1 24	27 32	4 50	23 45	23 40	4 12		n.a.
S 5	19 31	15 31	2 49	10 56	2 48	4 9	2 13	15 25	0 15	6 53	1 27	19 32	1 59	2 18	0 41	20 4	1 24	27 32	4 50	23 45	23 40	4 14		n.a.
S 6	19 44	10 26	3 46	11 26	2 36	4 37	2 13	15 38	0 16	6 50	1 27	19 32	1 59	2 17	0 41	20 4	1 24	27 32	4 50	23 45	23 40	4 17		n.a.
M 7	19 58	4 45	4 31	11 58	2 24	5 5	2 12	15 51	0 16	6 46	1 27	19 33	1 59	2 16	0 41	20 4	1 24	27 33	4 50	23 45	23 41	4 20		n.a.
T 8	20 11	1n16	5 0	12 31	2 12	5 32	2 10	16 4	0 17	6 43	1 27	19 33	2 0	2 16	0 41	20 3	1 24	27 33	4 50	23 45	23 41	4 23		n.a.
W 9	20 24	7 17	5 10	13 6	1 59	6 0	2 9	16 17	0 17	6 40	1 28	19 33	2 0	2 15	0 41	20 3	1 24	27 33	4 50	23 45	23 41	4 26		n.a.
T 10	20 36	12 58	5 1	13 43	1 46	6 27	2 8	16 29	0 18	6 37	1 28	19 33	2 0	2 14	0 41	20 3	1 24	27 34	4 50	23 46	23 41	4 29		n.a.
F 11	20 49	17 54	4 32	14 21	1 33	6 55	2 7	16 42	0 18	6 34	1 28	19 33	2 0	2 13	0 41	20 2	1 24	27 34	4 50	23 46	23 41	4 31		n.a.
S 12	21 0	21 44	3 45	14 59	1 19	7 22	2 5	16 54	0 19	6 31	1 28	19 34	2 1	2 13	0 41	20 2	1 24	27 34	4 50	23 46	23 42	4 34		n.a.
S 13	21 12	24 10	2 45	15 39	1 6	7 49	2 4	17 6	0 20	6 28	1 29	19 34	2 1	2 12	0 41	20 2	1 24	27 34	4 50	23 46	23 42	4 37		n.a.
M14	21 23	25 0	1 36	16 19	0 53	8 16	2 2	17 18	0 20	6 25	1 29	19 34	2 1	2 11	0 41	20 1	1 24	27 35	4 50	23 46	23 42	4 40		n.a.
T 15	21 34	24 17	0 22	17 0	0 40	8 43	2 0	17 30	0 21	6 22	1 29	19 35	2 1	2 11	0 41	20 1	1 24	27 35	4 50	23 46	23 42	4 43		n.a.
W16	21 44	22 11	0s50	17 41	0 27	9 10	1 59	17 42	0 21	6 20	1 29	19 35	2 2	2 10	0 41	20 1	1 24	27 35	4 50	23 46	23 42	4 46		n.a.
T 17	21 54	19 0	1 58	18 21	0 14	9 37	1 57	17 54	0 22	6 17	1 30	19 35	2 2	2 9	0 41	20 0	1 23	27 36	4 50	23 46	23 42	4 48		n.a.
F 18	22 4	15 0	2 58	19 1	0 2	10 4	1 55	18 5	0 23	6 14	1 30	19 36	2 2	2 9	0 41	20 0	1 23	27 36	4 50	23 46	23 43	4 51		n.a.
S 19	22 13	10 28	3 49	19 40	0n10	10 30	1 53	18 17	0 23	6 12	1 30	19 36	2 3	2 8	0 41	20 0	1 23	27 36	4 51	23 46	23 43	4 54		n.a.
S 20	22 22	5 38	4 29	20 19	0 21	10 56	1 51	18 28	0 24	6 9	1 30	19 37	2 3	2 7	0 41	19 59	1 23	27 36	4 51	23 46	23 43	4 57		n.a.
M21	22 30	0 38	4 57	20 56	0 32	11 22	1 49	18 39	0 24	6 7	1 31	19 38	2 3	2 7	0 42	19 59	1 23	27 37	4 51	23 46	23 43	5 0		n.a.
T 22	22 39	4s21	5 11	21 31	0 42	11 48	1 47	18 50	0 25	6 4	1 31	19 38	2 3	2 6	0 42	19 58	1 23	27 37	4 51	23 46	23 43	5 3		n.a.
W23	22 46	9 12	5 13	22 5	0 51	12 14	1 45	19 1	0 26	6 2	1 31	19 39	2 4	2 6	0 42	19 58	1 23	27 37	4 51	23 46	23 44	5 5		n.a.
T 24	22 54	13 44	5 1	22 37	1 0	12 39	1 43	19 12	0 26	6 0	1 31	19 39	2 4	2 5	0 42	19 58	1 23	27 38	4 51	23 47	23 44	5 8		n.a.
F 25	23 1	17 47	4 35	23 6	1 8	13 4	1 40	19 22	0 27	5 58	1 32	19 40	2 4	2 5	0 42	19 57	1 23	27 38	4 51	23 47	23 44	5 11		n.a.
S 26	23 7	21 9	3 56	23 33	1 15	13 29	1 38	19 33	0 27	5 56	1 32	19 41	2 4	2 4	0 42	19 57	1 23	27 38	4 51	23 47	23 44	5 14		n.a.
S 27	23 13	23 35	3 6	23 58	1 22	13 54	1 36	19 43	0 28	5 54	1 32	19 41	2 5	2 4	0 42	19 56	1 23	27 39	4 51	23 47	23 44	5 17		n.a.
M28	23 19	24 51	2 4	24 20	1 28	14 18	1 33	19 53	0 28	5 52	1 32	19 42	2 5	2 4	0 42	19 56	1 23	27 39	4 51	23 47	23 44	5 19		n.a.
T 29	23 24	24 47	0 56	24 40	1 33	14 43	1 31	20 3	0 29	5 50	1 33	19 43	2 5	2 3	0 42	19 55	1 23	27 39	4 51	23 47	23 45	5 22		n.a.
W30	23n29	23s19	0n17	24n57	1n37	15n 6	1s28	20n13	0n30	5s48	1s33	19s44	2s 5	2s 3	0s42	19n55	1n23	27n39	4n51	23s47	23s45	5s25		n.a.

Julian Day Number = 987056.5, Delta T = 13h06m58s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'31, Lahiri = -31°40'31 Julian Calendar 1 June 2011 BCE == Greg. Calendar 15 May 2011 BCE

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

JULY 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 27 17	20♊18'56	22♑40	19♊40	15♉40	27♉ 1	19♓15	11°R20	26♓33	8♘15	13♊13	6♑ 2	6♑46	1♎55	n.a.	T 1
F 2	17 31 13	21°16'36	6♒22	21°42	16°51	27°39	19°19	11♒17	26°33	8°16	13°14	6° 3	6°43	2° 2	n.a.	F 2
S 3	17 35 10	22°14'18	20°15	23°42	18° 2	28°18	19°24	11°15	26°34	8°18	13°16	6° 4	6°40	2° 9	n.a.	S 3
S 4	17 39 6	23°12'02	4♓17	25°41	19°13	28°56	19°29	11°13	26°35	8°20	13°18	6° 5	6°36	2°15	n.a.	S 4
M 5	17 43 3	24° 9'48	18°26	27°39	20°24	29°34	19°33	11°11	26°36	8°21	13°20	6°R 5	6°33	2°22	n.a.	M 5
T 6	17 46 59	25° 7'35	2♈39	29°36	21°36	0♊12	19°37	11° 8	26°37	8°23	13°21	6° 5	6°30	2°29	n.a.	T 6
W 7	17 50 56	26° 5'25	16°56	1♋32	22°47	0°51	19°42	11° 6	26°37	8°25	13°23	6° 5	6°27	2°35	n.a.	W 7
T 8	17 54 52	27° 3'16	1♉11	3°26	23°59	1°29	19°45	11° 3	26°38	8°27	13°25	6° 4	6°24	2°42	n.a.	T 8
F 9	17 58 49	28° 1'10	15°23	5°20	25°10	2° 7	19°49	11° 0	26°39	8°28	13°26	6° 3	6°21	2°49	n.a.	F 9
S 10	18 2 46	28°59'05	29°28	7°11	26°22	2°45	19°53	10°57	26°39	8°30	13°28	6° 2	6°17	2°56	n.a.	S 10
S 11	18 6 42	29°57'02	13♊21	9° 2	27°34	3°23	19°56	10°54	26°40	8°32	13°30	6° 1	6°14	3° 2	n.a.	S 11
M12	18 10 39	0♋55'02	27° 1	10°51	28°45	4° 1	19°59	10°52	26°40	8°34	13°31	6° 1	6°11	3° 9	n.a.	M12
T 13	18 14 35	1°53'03	10♋24	12°39	29°57	4°39	20° 2	10°48	26°41	8°36	13°33	6°D 1	6° 8	3°16	n.a.	T 13
W14	18 18 32	2°51'06	23°29	14°26	1♊ 9	5°17	20° 5	10°45	26°41	8°38	13°35	6° 1	6° 5	3°23	n.a.	W14
T 15	18 22 28	3°49'10	6♌17	16°11	2°21	5°55	20° 7	10°42	26°41	8°40	13°37	6° 1	6° 1	3°29	n.a.	T 15
F 16	18 26 25	4°47'16	18°47	17°55	3°33	6°33	20°10	10°39	26°41	8°41	13°38	6° 2	5°58	3°36	n.a.	F 16
S 17	18 30 21	5°45'24	1♍ 4	19°38	4°45	7°11	20°12	10°35	26°42	8°43	13°40	6°R 2	5°55	3°43	n.a.	S 17
S 18	18 34 18	6°43'34	13° 8	21°19	5°58	7°49	20°14	10°32	26°42	8°45	13°41	6° 2	5°52	3°49	n.a.	S 18
M19	18 38 15	7°41'45	25° 5	22°59	7°10	8°27	20°16	10°28	26°42	8°47	13°43	6° 2	5°49	3°56	n.a.	M19
T 20	18 42 11	8°39'57	6♎58	24°38	8°22	9° 5	20°17	10°25	26°R42	8°49	13°45	6°D 1	5°46	4° 3	n.a.	T 20
W21	18 46 8	9°38'12	18°53	26°16	9°35	9°43	20°19	10°21	26°42	8°51	13°46	6° 1	5°42	4°10	n.a.	W21
T 22	18 50 4	10°36'28	0♏53	27°53	10°47	10°21	20°20	10°17	26°42	8°53	13°48	6° 2	5°39	4°16	n.a.	T 22
F 23	18 54 1	11°34'46	13° 3	29°28	12° 0	10°58	20°21	10°13	26°42	8°55	13°49	6° 2	5°36	4°23	n.a.	F 23
S 24	18 57 57	12°33'06	25°27	1♌ 2	13°13	11°36	20°22	10°10	26°42	8°57	13°51	6° 3	5°33	4°30	n.a.	S 24
S 25	19 1 54	13°31'27	8♐ 9	2°35	14°25	12°14	20°22	10° 6	26°41	8°59	13°53	6° 4	5°30	4°37	n.a.	S 25
M26	19 5 50	14°29'51	21°10	4° 7	15°38	12°51	20°23	10° 2	26°41	9° 1	13°54	6° 4	5°27	4°43	n.a.	M26
T 27	19 9 47	15°28'16	4♑31	5°38	16°51	13°29	20°23	9°58	26°41	9° 4	13°56	6°R 4	5°23	4°50	n.a.	T 27
W28	19 13 44	16°26'44	18°11	7° 7	18° 4	14° 7	20°R23	9°53	26°40	9° 6	13°57	6° 4	5°20	4°57	n.a.	W28
T 29	19 17 40	17°25'13	2♒ 8	8°35	19°17	14°44	20°23	9°49	26°40	9° 8	13°59	6° 3	5°17	5° 3	n.a.	T 29
F 30	19 21 37	18°23'45	16°18	10° 2	20°30	15°22	20°23	9°45	26°40	9°10	14° 0	6° 2	5°14	5°10	n.a.	F 30
S 31	19 25 33	19♋22'19	0♓38	11♌28	21♊43	15♊59	20♓22	9♒41	26♓39	9♘12	14♊ 2	6♑ 1	5♑11	5♎17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n34	20s29	1n31	25n11	1n41	15n30	1s26	20n23	0n30	5s46	1s33	19s44	2s 6	2s 2	0s42	19n54	1n23	27n40	4n51	23s47	23s45	5s28			n.a.
F 2	23 38	16 29	2 40	25 23	1 44	15 53	1 23	20 32	0 31	5 44	1 34	19 45	2 6	2 2	0 42	19 54	1 23	27 40	4 52	23 47	23 45	5 31			n.a.
S 3	23 42	11 33	3 41	25 32	1 46	16 16	1 21	20 42	0 31	5 43	1 34	19 46	2 6	2 2	0 42	19 54	1 23	27 40	4 52	23 47	23 45	5 33			n.a.
S 4	23 45	5 58	4 29	25 39	1 48	16 38	1 18	20 51	0 32	5 41	1 34	19 47	2 6	2 1	0 42	19 53	1 23	27 41	4 52	23 47	23 45	5 36			n.a.
M 5	23 48	0 3	5 1	25 43	1 49	17 0	1 15	21 0	0 33	5 39	1 34	19 48	2 7	2 1	0 42	19 53	1 23	27 41	4 52	23 47	23 46	5 39			n.a.
T 6	23 50	5n53	5 16	25 44	1 49	17 22	1 12	21 9	0 33	5 38	1 35	19 49	2 7	2 1	0 42	19 52	1 23	27 41	4 52	23 47	23 46	5 42			n.a.
W 7	23 52	11 32	5 11	25 44	1 49	17 43	1 10	21 18	0 34	5 37	1 35	19 50	2 7	2 1	0 42	19 52	1 23	27 42	4 52	23 47	23 46	5 45			n.a.
T 8	23 53	16 35	4 47	25 40	1 48	18 4	1 7	21 26	0 34	5 35	1 35	19 51	2 7	2 0	0 42	19 51	1 23	27 42	4 52	23 47	23 46	5 47			n.a.
F 9	23 55	20 40	4 5	25 35	1 46	18 24	1 4	21 35	0 35	5 34	1 35	19 52	2 8	2 0	0 42	19 51	1 23	27 42	4 52	23 47	23 46	5 50			n.a.
S 10	23 55	23 31	3 9	25 28	1 44	18 44	1 1	21 43	0 36	5 33	1 36	19 53	2 8	2 0	0 42	19 50	1 23	27 43	4 52	23 47	23 46	5 53			n.a.
S 11	23 55	24 53	2 2	25 19	1 42	19 4	0 58	21 51	0 36	5 32	1 36	19 54	2 8	2 0	0 42	19 50	1 23	27 43	4 52	23 47	23 47	5 56			n.a.
M12	23 55	24 43	0 50	25 7	1 39	19 23	0 56	21 59	0 37	5 31	1 36	19 55	2 8	2 0	0 42	19 49	1 23	27 43	4 53	23 47	23 47	5 58			n.a.
T 13	23 55	23 6	0s24	24 54	1 36	19 42	0 53	22 7	0 37	5 30	1 37	19 56	2 9	1 59	0 42	19 49	1 23	27 44	4 53	23 47	23 47	6 1			n.a.
W14	23 54	20 16	1 35	24 39	1 32	20 0	0 50	22 14	0 38	5 29	1 37	19 57	2 9	1 59	0 42	19 48	1 23	27 44	4 53	23 47	23 47	6 4			n.a.
T 15	23 52	16 30	2 40	24 23	1 28	20 17	0 47	22 22	0 39	5 28	1 37	19 58	2 9	1 59	0 42	19 48	1 23	27 44	4 53	23 47	23 47	6 7			n.a.
F 16	23 50	12 5	3 35	24 5	1 24	20 34	0 44	22 29	0 39	5 28	1 38	19 59	2 9	1 59	0 42	19 47	1 23	27 45	4 53	23 47	23 47	6 9			n.a.
S 17	23 48	7 17	4 20	23 46	1 19	20 51	0 41	22 36	0 40	5 27	1 38	20 0	2 9	1 59	0 42	19 46	1 23	27 45	4 53	23 47	23 47	6 12			n.a.
S 18	23 45	2 16	4 52	23 25	1 14	21 7	0 38	22 43	0 40	5 27	1 38	20 2	2 10	1 59	0 42	19 46	1 23	27 45	4 53	23 47	23 48	6 15			n.a.
M19	23 42	2s45	5 11	23 3	1 9	21 22	0 35	22 50	0 41	5 26	1 38	20 3	2 10	1 59	0 42	19 45	1 23	27 46	4 53	23 47	23 48	6 18			n.a.
T 20	23 38	7 39	5 17	22 40	1 3	21 37	0 32	22 57	0 41	5 26	1 39	20 4	2 10	1 59	0 42	19 45	1 23	27 46	4 53	23 47	23 48	6 20			n.a.
W21	23 34	12 17	5 9	22 16	0 57	21 51	0 29	23 3	0 42	5 25	1 39	20 5	2 10	1 59	0 42	19 44	1 23	27 46	4 54	23 47	23 48	6 23			n.a.
T 22	23 29	16 29	4 48	21 50	0 51	22 5	0 26	23 9	0 43	5 25	1 39	20 7	2 10	1 59	0 42	19 44	1 23	27 47	4 54	23 47	23 48	6 26			n.a.
F 23	23 24	20 5	4 13	21 24	0 45	22 18	0 23	23 15	0 43	5 25	1 40	20 8	2 11	1 59	0 43	19 43	1 23	27 47	4 54	23 47	23 48	6 29			n.a.
S 24	23 19	22 51	3 26	20 57	0 38	22 31	0 20	23 21	0 44	5 25	1 40	20 9	2 11	1 59	0 43	19 43	1 23	27 47	4 54	23 47	23 48	6 31			n.a.
S 25	23 13	24 33	2 29	20 29	0 31	22 42	0 17	23 27	0 44	5 25	1 40	20 10	2 11	1 59	0 43	19 42	1 23	27 48	4 54	23 47	23 49	6 34			n.a.
M26	23 7	24 59	1 22	20 0	0 24	22 54	0 14	23 33	0 45	5 25	1 40	20 12	2 11	2 0	0 43	19 41	1 23	27 48	4 54	23 47	23 49	6 37			n.a.
T 27	23 0	23 59	0 9	19 31	0 17	23 4	0 12	23 38	0 46	5 25	1 41	20 13	2 11	2 0	0 43	19 41	1 23	27 48	4 54	23 47	23 49	6 40			n.a.
W28	22 53	21 34	1n 6	19 1	0 9	23 14	0 9	23 43	0 46	5 26	1 41	20 14	2 12	2 0	0 43	19 40	1 23	27 49	4 55	23 47	23 49	6 42			n.a.
T 29	22 46	17 50	2 19	18 31	0 2	23 23	0 6	23 48	0 47	5 26	1 41	20 15	2 12	2 0	0 43	19 40	1 23	27 49	4 55	23 47	23 49	6 45			n.a.
F 30	22 38	13 1	3 24	18 0	0s 6	23 32	0 3	23 53	0 47	5 26	1 42	20 17	2 12	2 0	0 43	19 39	1 23	27 49	4 55	23 47	23 49	6 48			n.a.
S 31	22n30	7s28	4n18	17n28	0s14	23n40	0n 0	23n58	0n48	5s27	1s42	20s18	2s12	2s 1	0s43	19n39	1n23	27n50	4n55	23s47	23s49	6s51			n.a.

Julian Day Number = 987086.5, Delta T = 13h06m56s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'27, Lahiri = -31°40'27 Julian Calendar 1 July 2011 BCE == Greg. Calendar 14 June 2011 BCE

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

AUGUST 2011 BCE (-2010) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 29 30	20♋20'55	15♓ 2	12♌53	22♊56	16♊37	20°R21	9°R37	26°R38	9♌14	14♊ 3	5°R59	5♑ 7	5♎24	n.a.	S 1
M 2	19 33 26	21°19'33	29°25	14°16	24°10	17°14	20♓20	9♒32	26♓38	9°16	14° 5	5♑57	5° 4	5°30	n.a.	M 2
T 3	19 37 23	22°18'14	13♈44	15°38	25°23	17°52	20°19	9°28	26°37	9°18	14° 6	5°57	5° 1	5°37	n.a.	T 3
W 4	19 41 19	23°16'58	27°55	16°59	26°36	18°29	20°18	9°23	26°37	9°21	14° 8	5°D57	4°58	5°44	n.a.	W 4
T 5	19 45 16	24°15'43	11♉56	18°18	27°50	19° 7	20°16	9°19	26°36	9°23	14° 9	5°57	4°55	5°50	n.a.	T 5
F 6	19 49 12	25°14'32	25°47	19°36	29° 3	19°44	20°14	9°14	26°35	9°25	14°10	5°58	4°52	5°57	n.a.	F 6
S 7	19 53 9	26°13'23	9♊26	20°52	0♋17	20°22	20°12	9°10	26°34	9°27	14°12	6° 0	4°48	6° 4	n.a.	S 7
S 8	19 57 6	27°12'16	22°52	22° 7	1°31	20°59	20°10	9° 5	26°33	9°29	14°13	6° 1	4°45	6°11	n.a.	S 8
M 9	20 1 2	28°11'12	6♋ 7	23°20	2°44	21°36	20° 8	9° 0	26°32	9°31	14°14	6°R 1	4°42	6°17	n.a.	M 9
T 10	20 4 59	29°10'10	19° 8	24°32	3°58	22°14	20° 5	8°56	26°31	9°34	14°16	6° 1	4°39	6°24	n.a.	T 10
W11	20 8 55	0♌ 9'10	1♌56	25°41	5°12	22°51	20° 2	8°51	26°30	9°36	14°17	5°59	4°36	6°31	n.a.	W11
T 12	20 12 52	1° 8'12	14°32	26°49	6°26	23°28	20° 0	8°46	26°29	9°38	14°18	5°56	4°33	6°38	n.a.	T 12
F 13	20 16 48	2° 7'16	26°54	27°55	7°40	24° 5	19°56	8°42	26°28	9°40	14°20	5°52	4°29	6°44	n.a.	F 13
S 14	20 20 45	3° 6'23	9♍ 6	28°58	8°54	24°42	19°53	8°37	26°27	9°43	14°21	5°47	4°26	6°51	n.a.	S 14
S 15	20 24 41	4° 5'31	21° 8	29°59	10° 8	25°20	19°49	8°32	26°26	9°45	14°22	5°42	4°23	6°58	n.a.	S 15
M16	20 28 38	5° 4'42	3♎ 4	0♍57	11°22	25°57	19°46	8°28	26°24	9°47	14°23	5°38	4°20	7° 4	n.a.	M16
T 17	20 32 34	6° 3'54	14°56	1°53	12°36	26°34	19°42	8°23	26°23	9°49	14°25	5°35	4°17	7°11	n.a.	T 17
W18	20 36 31	7° 3'09	26°48	2°46	13°50	27°11	19°38	8°18	26°22	9°51	14°26	5°33	4°13	7°18	n.a.	W18
T 19	20 40 28	8° 2'25	8♏46	3°35	15° 4	27°48	19°33	8°13	26°20	9°54	14°27	5°D32	4°10	7°25	n.a.	T 19
F 20	20 44 24	9° 1'44	20°53	4°21	16°19	28°25	19°29	8° 8	26°19	9°56	14°28	5°33	4° 7	7°31	n.a.	F 20
S 21	20 48 21	10° 1'04	3♐16	5° 3	17°33	29° 2	19°24	8° 4	26°17	9°58	14°29	5°34	4° 4	7°38	n.a.	S 21
S 22	20 52 17	11° 0'27	15°58	5°40	18°47	29°39	19°19	7°59	26°16	10° 0	14°30	5°36	4° 1	7°45	n.a.	S 22
M23	20 56 14	11°59'51	29° 2	6°13	20° 2	0♋16	19°15	7°54	26°14	10° 3	14°31	5°R37	3°58	7°52	n.a.	M23
T 24	21 0 10	12°59'18	12♑32	6°41	21°16	0°52	19° 9	7°49	26°13	10° 5	14°32	5°37	3°54	7°58	n.a.	T 24
W25	21 4 7	13°58'46	26°27	7° 4	22°31	1°29	19° 4	7°45	26°11	10° 7	14°33	5°36	3°51	8° 5	n.a.	W25
T 26	21 8 3	14°58'17	10♒46	7°20	23°45	2° 6	18°59	7°40	26° 9	10° 9	14°34	5°32	3°48	8°12	n.a.	T 26
F 27	21 12 0	15°57'50	25°23	7°30	25° 0	2°43	18°53	7°35	26° 8	10°12	14°35	5°27	3°45	8°18	n.a.	F 27
S 28	21 15 57	16°57'25	10♓11	7°R33	26°15	3°20	18°47	7°31	26° 6	10°14	14°36	5°21	3°42	8°25	n.a.	S 28
S 29	21 19 53	17°57'02	25° 2	7°29	27°29	3°56	18°41	7°26	26° 4	10°16	14°37	5°14	3°38	8°32	n.a.	S 29
M30	21 23 50	18°56'41	9♈49	7°17	28°44	4°33	18°35	7°21	26° 2	10°18	14°38	5° 8	3°35	8°39	n.a.	M30
T 31	21 27 46	19♌56'23	24♈24	6♍56	29♋59	5♋10	18♓29	7♒17	26♓ 0	10♌21	14♊39	5♑ 4	3♑32	8♎45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n21	1s30	4n55	16n57	0s22	23n47	0n 3	24n 3	0n49	5s27	1s42	20s19	2s12	2s 1	0s43	19n38	1n23	27n50	4n55	23s47	23s49	6s53		n.a.
M 2	22 12	4n32	5 14	16 25	0 30	23 53	0 6	24 7	0 49	5 28	1 42	20 21	2 12	2 1	0 43	19 37	1 23	27 50	4 55	23 47	23 50	6 56		n.a.
T 3	22 2	10 18	5 13	15 52	0 38	23 59	0 8	24 11	0 50	5 29	1 43	20 22	2 12	2 1	0 43	19 37	1 23	27 51	4 55	23 47	23 50	6 59		n.a.
W 4	21 52	15 29	4 53	15 20	0 46	24 4	0 11	24 15	0 50	5 29	1 43	20 24	2 13	2 2	0 43	19 36	1 23	27 51	4 56	23 47	23 50	7 1		n.a.
T 5	21 42	19 46	4 16	14 48	0 54	24 8	0 14	24 19	0 51	5 30	1 43	20 25	2 13	2 2	0 43	19 36	1 23	27 51	4 56	23 47	23 50	7 4		n.a.
F 6	21 31	22 53	3 24	14 15	1 3	24 12	0 17	24 23	0 52	5 31	1 43	20 26	2 13	2 2	0 43	19 35	1 23	27 52	4 56	23 47	23 50	7 7		n.a.
S 7	21 20	24 38	2 21	13 43	1 11	24 15	0 19	24 26	0 52	5 32	1 44	20 28	2 13	2 3	0 43	19 34	1 23	27 52	4 56	23 47	23 50	7 10		n.a.
S 8	21 9	24 55	1 12	13 10	1 19	24 17	0 22	24 29	0 53	5 33	1 44	20 29	2 13	2 3	0 43	19 34	1 23	27 52	4 56	23 47	23 50	7 12		n.a.
M 9	20 57	23 46	0s 0	12 38	1 28	24 18	0 25	24 32	0 53	5 35	1 44	20 30	2 13	2 4	0 43	19 33	1 23	27 53	4 56	23 47	23 50	7 15		n.a.
T 10	20 44	21 21	1 11	12 6	1 36	24 19	0 27	24 35	0 54	5 36	1 44	20 32	2 13	2 4	0 43	19 33	1 23	27 53	4 57	23 47	23 51	7 18		n.a.
W11	20 32	17 54	2 18	11 35	1 44	24 19	0 30	24 38	0 55	5 37	1 45	20 33	2 13	2 4	0 43	19 32	1 23	27 53	4 57	23 47	23 51	7 20		n.a.
T 12	20 19	13 41	3 16	11 4	1 53	24 18	0 32	24 41	0 55	5 39	1 45	20 35	2 14	2 5	0 43	19 31	1 23	27 54	4 57	23 47	23 51	7 23		n.a.
F 13	20 5	8 59	4 4	10 33	2 1	24 17	0 35	24 43	0 56	5 40	1 45	20 36	2 14	2 5	0 43	19 31	1 23	27 54	4 57	23 48	23 51	7 26		n.a.
S 14	19 52	4 1	4 39	10 4	2 9	24 14	0 37	24 45	0 56	5 42	1 45	20 37	2 14	2 6	0 43	19 30	1 23	27 54	4 57	23 48	23 51	7 28		n.a.
S 15	19 37	1s 2	5 2	9 35	2 17	24 11	0 40	24 47	0 57	5 43	1 46	20 39	2 14	2 6	0 43	19 30	1 23	27 55	4 57	23 48	23 51	7 31		n.a.
M16	19 23	6 0	5 12	9 6	2 25	24 8	0 42	24 49	0 58	5 45	1 46	20 40	2 14	2 7	0 43	19 29	1 23	27 55	4 58	23 48	23 51	7 34		n.a.
T 17	19 8	10 43	5 8	8 39	2 32	24 3	0 44	24 51	0 58	5 47	1 46	20 41	2 14	2 7	0 43	19 28	1 23	27 55	4 58	23 48	23 51	7 37		n.a.
W18	18 53	15 3	4 51	8 13	2 40	23 58	0 47	24 53	0 59	5 49	1 46	20 43	2 14	2 8	0 43	19 28	1 23	27 55	4 58	23 48	23 51	7 39		n.a.
T 19	18 38	18 49	4 22	7 49	2 47	23 52	0 49	24 54	0 59	5 51	1 47	20 44	2 14	2 9	0 43	19 27	1 23	27 56	4 58	23 48	23 51	7 42		n.a.
F 20	18 22	21 52	3 40	7 26	2 54	23 45	0 51	24 55	1 0	5 53	1 47	20 45	2 14	2 9	0 43	19 27	1 23	27 56	4 58	23 48	23 52	7 45		n.a.
S 21	18 6	23 58	2 47	7 4	3 0	23 37	0 53	24 56	1 1	5 55	1 47	20 47	2 14	2 10	0 43	19 26	1 23	27 56	4 58	23 48	23 52	7 47		n.a.
S 22	17 49	24 55	1 45	6 45	3 6	23 29	0 55	24 57	1 1	5 57	1 47	20 48	2 14	2 10	0 43	19 25	1 23	27 57	4 59	23 48	23 52	7 50		n.a.
M23	17 32	24 31	0 36	6 27	3 11	23 20	0 57	24 57	1 2	5 59	1 47	20 49	2 14	2 11	0 43	19 25	1 23	27 57	4 59	23 48	23 52	7 53		n.a.
T 24	17 15	22 42	0n38	6 12	3 16	23 11	0 59	24 58	1 3	6 1	1 48	20 51	2 14	2 12	0 43	19 24	1 23	27 57	4 59	23 48	23 52	7 55		n.a.
W25	16 58	19 29	1 51	6 0	3 21	23 0	1 1	24 58	1 3	6 4	1 48	20 52	2 14	2 12	0 43	19 24	1 23	27 58	4 59	23 48	23 52	7 58		n.a.
T 26	16 40	15 1	2 59	5 50	3 24	22 49	1 3	24 58	1 4	6 6	1 48	20 53	2 14	2 13	0 43	19 23	1 23	27 58	4 59	23 48	23 52	8 1		n.a.
F 27	16 22	9 37	3 57	5 44	3 27	22 37	1 5	24 58	1 4	6 8	1 48	20 55	2 15	2 14	0 43	19 22	1 23	27 58	5 0	23 49	23 52	8 3		n.a.
S 28	16 4	3 36	4 40	5 42	3 28	22 25	1 6	24 58	1 5	6 11	1 48	20 56	2 15	2 15	0 43	19 22	1 23	27 59	5 0	23 49	23 52	8 6		n.a.
S 29	15 46	2n37	5 4	5 43	3 29	22 12	1 8	24 58	1 6	6 13	1 49	20 57	2 15	2 15	0 43	19 21	1 23	27 59	5 0	23 49	23 52	8 8		n.a.
M30	15 27	8 39	5 8	5 48	3 28	21 58	1 10	24 57	1 6	6 16	1 49	20 58	2 15	2 16	0 44	19 21	1 23	27 59	5 0	23 49	23 53	8 11		n.a.
T 31	15n 8	14n 8	4n51	5n58	3s26	21n43	1n11	24n56	1n 7	6s19	1s49	20s59	2s15	2s17	0s44	19n20	1n23	28n 0	5n 0	23s50	23s53	8s14		n.a.

Julian Day Number = 987117.5, Delta T = 13h06m53s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'23, Lahiri = -31°40'23 Julian Calendar 1 Aug. 2011 BCE == Greg. Calendar 15 July 2011 BCE

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

SEPTEMBER 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 31 43	20♌56'08	8♉42	6°R27	1♌14	5♋46	18°R23	7°R12	25°R59	10♌23	14♊40	5°R 1	3♑29	8♎52	n.a.	W 1
T 2	21 35 39	21°55'55	22°41	5♍50	2°29	6°23	18♓16	7♒ 8	25♓57	10°25	14°41	5°D 0	3°26	8°59	n.a.	T 2
F 3	21 39 36	22°55'45	6♊22	5° 4	3°44	6°59	18° 9	7° 3	25°55	10°27	14°42	5♑ 1	3°23	9° 6	n.a.	F 3
S 4	21 43 32	23°55'37	19°44	4°10	4°59	7°36	18° 3	6°59	25°53	10°29	14°42	5° 2	3°19	9°12	n.a.	S 4
S 5	21 47 29	24°55'31	2♋51	3° 9	6°14	8°12	17°56	6°54	25°51	10°32	14°43	5°R 3	3°16	9°19	n.a.	S 5
M 6	21 51 25	25°55'28	15°43	2° 2	7°29	8°49	17°49	6°50	25°49	10°34	14°44	5° 2	3°13	9°26	n.a.	M 6
T 7	21 55 22	26°55'27	28°24	0°50	8°44	9°25	17°42	6°45	25°46	10°36	14°45	5° 0	3°10	9°32	n.a.	T 7
W 8	21 59 19	27°55'28	10♌54	29♌35	9°59	10° 2	17°34	6°41	25°44	10°38	14°45	4°55	3° 7	9°39	n.a.	W 8
T 9	22 3 15	28°55'32	23°14	28°19	11°14	10°38	17°27	6°37	25°42	10°40	14°46	4°47	3° 4	9°46	n.a.	T 9
F 10	22 7 12	29°55'37	5♍26	27° 5	12°29	11°14	17°20	6°33	25°40	10°42	14°47	4°37	3° 0	9°53	n.a.	F 10
S 11	22 11 8	0♍55'45	17°31	25°55	13°44	11°51	17°12	6°29	25°38	10°44	14°47	4°26	2°57	9°59	n.a.	S 11
S 12	22 15 5	1°55'54	29°29	24°50	15° 0	12°27	17° 4	6°24	25°36	10°47	14°48	4°15	2°54	10° 6	n.a.	S 12
M13	22 19 1	2°56'05	11♎22	23°53	16°15	13° 3	16°57	6°20	25°33	10°49	14°48	4° 4	2°51	10°13	n.a.	M13
T 14	22 22 58	3°56'18	23°12	23° 6	17°30	13°39	16°49	6°17	25°31	10°51	14°49	3°55	2°48	10°19	n.a.	T 14
W15	22 26 54	4°56'33	5♏ 3	22°29	18°45	14°15	16°41	6°13	25°29	10°53	14°50	3°48	2°44	10°26	n.a.	W15
T 16	22 30 51	5°56'50	16°58	22° 4	20° 1	14°51	16°33	6° 9	25°27	10°55	14°50	3°43	2°41	10°33	n.a.	T 16
F 17	22 34 47	6°57'09	29° 2	21°50	21°16	15°27	16°25	6° 5	25°24	10°57	14°50	3°41	2°38	10°40	n.a.	F 17
S 18	22 38 44	7°57'29	11♐19	21°D48	22°31	16° 3	16°17	6° 1	25°22	10°59	14°51	3°D41	2°35	10°46	n.a.	S 18
S 19	22 42 41	8°57'51	23°55	21°57	23°47	16°39	16° 9	5°58	25°19	11° 1	14°51	3°41	2°32	10°53	n.a.	S 19
M20	22 46 37	9°58'14	6♑55	22°16	25° 2	17°15	16° 1	5°54	25°17	11° 3	14°52	3°R42	2°29	11° 0	n.a.	M20
T 21	22 50 34	10°58'39	20°22	22°45	26°18	17°51	15°53	5°51	25°15	11° 5	14°52	3°41	2°25	11° 7	n.a.	T 21
W22	22 54 30	11°59'06	4♒19	23°23	27°33	18°27	15°45	5°47	25°12	11° 7	14°52	3°37	2°22	11°13	n.a.	W22
T 23	22 58 27	12°59'34	18°45	24° 9	28°49	19° 3	15°37	5°44	25°10	11° 9	14°53	3°31	2°19	11°20	n.a.	T 23
F 24	23 2 23	14° 0'04	3♓35	25° 3	0♍ 4	19°39	15°28	5°41	25° 7	11°11	14°53	3°22	2°16	11°27	n.a.	F 24
S 25	23 6 20	15° 0'35	18°43	26° 3	1°20	20°14	15°20	5°38	25° 5	11°13	14°53	3°12	2°13	11°33	n.a.	S 25
S 26	23 10 16	16° 1'09	3♈58	27° 8	2°35	20°50	15°12	5°35	25° 3	11°15	14°53	3° 1	2°10	11°40	n.a.	S 26
M27	23 14 13	17° 1'44	19° 8	28°18	3°51	21°25	15° 4	5°32	25° 0	11°17	14°54	2°51	2° 6	11°47	n.a.	M27
T 28	23 18 9	18° 2'21	4♉ 4	29°33	5° 6	22° 1	14°56	5°29	24°58	11°19	14°54	2°43	2° 3	11°54	n.a.	T 28
W29	23 22 6	19° 3'00	18°39	0♍51	6°22	22°37	14°48	5°26	24°55	11°21	14°54	2°37	2° 0	12° 0	n.a.	W29
T 30	23 26 3	20♍ 3'41	2♊48	2♍12	7♍37	23♋12	14♓40	5♒23	24♓53	11♌22	14♊54	2♑34	1♑57	12♎ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n48	18n44	4n17	6n12	3s22	21n28	1n13	24n55	1n 7	6s21	1s49	21s 1	2s15	2s18	0s44	19n19	1n23	28n 0	5n 1	23s50	23s53	8s16		n.a.
T 2	14 29	22 10	3 28	6 32	3 16	21 12	1 14	24 54	1 8	6 24	1 49	21 2	2 15	2 18	0 44	19 19	1 23	28 0	5 1	23 50	23 53	8 19		n.a.
F 3	14 9	24 15	2 28	6 56	3 9	20 56	1 15	24 53	1 9	6 27	1 49	21 3	2 15	2 19	0 44	19 18	1 23	28 0	5 1	23 50	23 53	8 22		n.a.
S 4	13 49	24 53	1 22	7 24	2 59	20 39	1 17	24 51	1 9	6 30	1 49	21 4	2 15	2 20	0 44	19 18	1 23	28 1	5 1	23 50	23 53	8 24		n.a.
S 5	13 29	24 6	0 12	7 57	2 48	20 21	1 18	24 50	1 10	6 32	1 50	21 5	2 15	2 21	0 44	19 17	1 23	28 1	5 1	23 50	23 53	8 27		n.a.
M 6	13 8	22 2	0s57	8 34	2 34	20 3	1 19	24 48	1 11	6 35	1 50	21 6	2 15	2 22	0 44	19 16	1 23	28 1	5 2	23 50	23 53	8 30		n.a.
T 7	12 47	18 55	2 2	9 15	2 19	19 44	1 20	24 46	1 11	6 38	1 50	21 8	2 15	2 23	0 44	19 16	1 23	28 2	5 2	23 50	23 53	8 32		n.a.
W 8	12 26	14 58	3 0	9 57	2 2	19 24	1 21	24 44	1 12	6 41	1 50	21 9	2 14	2 23	0 44	19 15	1 23	28 2	5 2	23 50	23 53	8 35		n.a.
T 9	12 5	10 27	3 49	10 41	1 43	19 4	1 22	24 42	1 13	6 44	1 50	21 10	2 14	2 24	0 44	19 15	1 23	28 2	5 2	23 50	23 53	8 37		n.a.
F 10	11 44	5 35	4 26	11 25	1 24	18 44	1 23	24 39	1 13	6 47	1 50	21 11	2 14	2 25	0 44	19 14	1 23	28 2	5 2	23 51	23 53	8 40		n.a.
S 11	11 22	0 35	4 51	12 9	1 3	18 22	1 24	24 37	1 14	6 50	1 50	21 12	2 14	2 26	0 44	19 13	1 23	28 3	5 3	23 51	23 54	8 43		n.a.
S 12	11 0	4s24	5 3	12 50	0 43	18 1	1 25	24 34	1 14	6 53	1 50	21 13	2 14	2 27	0 44	19 13	1 23	28 3	5 3	23 51	23 54	8 45		n.a.
M13	10 38	9 11	5 1	13 28	0 23	17 38	1 25	24 31	1 15	6 57	1 50	21 14	2 14	2 28	0 44	19 12	1 23	28 3	5 3	23 52	23 54	8 48		n.a.
T 14	10 16	13 37	4 47	14 3	0 3	17 16	1 26	24 28	1 16	7 0	1 50	21 15	2 14	2 29	0 44	19 12	1 23	28 4	5 3	23 52	23 54	8 50		n.a.
W15	9 53	17 32	4 20	14 33	0n16	16 52	1 26	24 25	1 16	7 3	1 50	21 16	2 14	2 30	0 44	19 11	1 23	28 4	5 3	23 52	23 54	8 53		n.a.
T 16	9 31	20 47	3 42	14 58	0 33	16 29	1 27	24 21	1 17	7 6	1 50	21 17	2 14	2 31	0 44	19 11	1 23	28 4	5 4	23 52	23 54	8 56		n.a.
F 17	9 8	23 10	2 54	15 18	0 50	16 4	1 27	24 18	1 18	7 9	1 50	21 17	2 14	2 32	0 44	19 10	1 23	28 4	5 4	23 52	23 54	8 58		n.a.
S 18	8 45	24 31	1 56	15 32	1 5	15 40	1 28	24 14	1 18	7 12	1 50	21 18	2 14	2 33	0 44	19 10	1 23	28 5	5 4	23 52	23 54	9 1		n.a.
S 19	8 22	24 39	0 52	15 42	1 18	15 15	1 28	24 10	1 19	7 16	1 50	21 19	2 14	2 34	0 44	19 9	1 23	28 5	5 4	23 52	23 54	9 3		n.a.
M20	7 59	23 27	0n17	15 46	1 29	14 49	1 28	24 6	1 20	7 19	1 50	21 20	2 14	2 35	0 44	19 8	1 23	28 5	5 4	23 52	23 54	9 6		n.a.
T 21	7 36	20 54	1 27	15 46	1 39	14 23	1 28	24 2	1 20	7 22	1 50	21 21	2 14	2 36	0 44	19 8	1 23	28 5	5 5	23 52	23 54	9 9		n.a.
W22	7 12	17 4	2 35	15 41	1 48	13 57	1 28	23 58	1 21	7 25	1 50	21 22	2 14	2 37	0 44	19 7	1 23	28 6	5 5	23 52	23 54	9 11		n.a.
T 23	6 49	12 7	3 35	15 32	1 55	13 30	1 28	23 53	1 22	7 28	1 50	21 22	2 13	2 38	0 44	19 7	1 23	28 6	5 5	23 53	23 54	9 14		n.a.
F 24	6 25	6 20	4 22	15 19	2 0	13 3	1 28	23 49	1 22	7 32	1 50	21 23	2 13	2 39	0 44	19 6	1 23	28 6	5 5	23 53	23 54	9 16		n.a.
S 25	6 1	0 5	4 52	15 2	2 5	12 35	1 28	23 44	1 23	7 35	1 50	21 24	2 13	2 40	0 44	19 6	1 24	28 6	5 5	23 53	23 54	9 19		n.a.
S 26	5 37	6n12	5 1	14 43	2 8	12 8	1 28	23 39	1 24	7 38	1 50	21 24	2 13	2 41	0 44	19 5	1 24	28 7	5 6	23 53	23 54	9 21		n.a.
M27	5 13	12 5	4 49	14 20	2 10	11 39	1 28	23 34	1 24	7 41	1 50	21 25	2 13	2 42	0 44	19 5	1 24	28 7	5 6	23 54	23 55	9 24		n.a.
T 28	4 49	17 10	4 18	13 54	2 11	11 11	1 27	23 29	1 25	7 44	1 50	21 26	2 13	2 43	0 44	19 4	1 24	28 7	5 6	23 54	23 55	9 26		n.a.
W29	4 25	21 5	3 30	13 26	2 11	10 42	1 27	23 24	1 26	7 47	1 50	21 26	2 13	2 44	0 44	19 4	1 24	28 7	5 6	23 54	23 55	9 29		n.a.
T 30	4n 1	23n36	2n30	12n56	2n11	10n13	1n27	23n18	1n26	7s51	1s50	21s27	2s13	2s45	0s44	19n 3	1n24	28n 7	5n 7	23s54	23s55	9s32		n.a.

Julian Day Number = 987148.5, Delta T = 13h06m51s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'19, Lahiri = -31°40'19 Julian Calendar 1 Sept. 2011 BCE == Greg. Calendar 15 Aug. 2011 BCE

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

OCTOBER 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 29 59	21♍ 4'24	16♊31	3♍35	8♍53	23♋47	14°R31	5°R21	24°R50	11♑24	14♊54	2°D33	1♉54	12♎14	n.a.	F 1
S 2	23 33 56	22° 5'08	29°50	5° 1	10° 9	24°23	14♓23	5♒18	24♓48	11°26	14°54	2°R33	1°50	12°20	n.a.	S 2
S 3	23 37 52	23° 5'55	12♋48	6°28	11°24	24°58	14°15	5°16	24°45	11°28	14°R54	2♉33	1°47	12°27	n.a.	S 3
M 4	23 41 49	24° 6'44	25°28	7°57	12°40	25°34	14° 7	5°14	24°43	11°30	14°54	2°31	1°44	12°34	n.a.	M 4
T 5	23 45 45	25° 7'34	7♌55	9°27	13°56	26° 9	14° 0	5°11	24°40	11°31	14°54	2°26	1°41	12°41	n.a.	T 5
W 6	23 49 42	26° 8'25	20°10	10°58	15°11	26°44	13°52	5° 9	24°38	11°33	14°54	2°19	1°38	12°47	n.a.	W 6
T 7	23 53 38	27° 9'19	2♍18	12°30	16°27	27°19	13°44	5° 7	24°35	11°35	14°54	2° 9	1°35	12°54	n.a.	T 7
F 8	23 57 35	28°10'14	14°20	14° 2	17°43	27°54	13°36	5° 5	24°33	11°37	14°54	1°55	1°31	13° 1	n.a.	F 8
S 9	0 1 32	29°11'10	26°17	15°35	18°58	28°29	13°29	5° 4	24°30	11°38	14°54	1°41	1°28	13° 8	n.a.	S 9
S 10	0 5 28	0♎12'07	8♎11	17° 8	20°14	29° 4	13°21	5° 2	24°28	11°40	14°53	1°25	1°25	13°14	n.a.	S 10
M11	0 9 25	1°13'06	20° 3	18°42	21°30	29°39	13°14	5° 0	24°25	11°41	14°53	1°11	1°22	13°21	n.a.	M11
T 12	0 13 21	2°14'06	1♏54	20°16	22°45	0♌14	13° 6	4°59	24°23	11°43	14°53	0°58	1°19	13°28	n.a.	T 12
W13	0 17 18	3°15'08	13°46	21°50	24° 1	0°49	12°59	4°57	24°20	11°45	14°53	0°48	1°15	13°34	n.a.	W13
T 14	0 21 14	4°16'10	25°42	23°24	25°17	1°23	12°52	4°56	24°18	11°46	14°52	0°41	1°12	13°41	n.a.	T 14
F 15	0 25 11	5°17'13	7♐45	24°58	26°32	1°58	12°45	4°55	24°15	11°48	14°52	0°37	1° 9	13°48	n.a.	F 15
S 16	0 29 7	6°18'18	20° 0	26°32	27°48	2°33	12°38	4°54	24°13	11°49	14°52	0°35	1° 6	13°55	n.a.	S 16
S 17	0 33 4	7°19'23	2♑31	28° 7	29° 4	3° 7	12°31	4°53	24°10	11°51	14°51	0°35	1° 3	14° 1	n.a.	S 17
M18	0 37 1	8°20'29	15°23	29°41	0♎20	3°42	12°25	4°52	24° 8	11°52	14°51	0°35	1° 0	14° 8	n.a.	M18
T 19	0 40 57	9°21'35	28°41	1♎15	1°35	4°16	12°18	4°51	24° 5	11°53	14°51	0°33	0°56	14°15	n.a.	T 19
W20	0 44 54	10°22'43	12♒29	2°49	2°51	4°50	12°12	4°51	24° 3	11°55	14°50	0°30	0°53	14°21	n.a.	W20
T 21	0 48 50	11°23'51	26°46	4°24	4° 7	5°25	12° 6	4°50	24° 1	11°56	14°50	0°24	0°50	14°28	n.a.	T 21
F 22	0 52 47	12°24'59	11♓32	5°58	5°22	5°59	12° 0	4°50	23°58	11°57	14°49	0°16	0°47	14°35	n.a.	F 22
S 23	0 56 43	13°26'08	26°40	7°32	6°38	6°33	11°54	4°50	23°56	11°59	14°49	0° 5	0°44	14°42	n.a.	S 23
S 24	1 0 40	14°27'18	12♈ 1	9° 6	7°54	7° 7	11°48	4°49	23°54	12° 0	14°48	29♐54	0°41	14°48	n.a.	S 24
M25	1 4 36	15°28'29	27°23	10°40	9° 9	7°41	11°42	4°D49	23°51	12° 1	14°48	29°43	0°37	14°55	n.a.	M25
T 26	1 8 33	16°29'41	12♉35	12°15	10°25	8°15	11°37	4°49	23°49	12° 2	14°47	29°34	0°34	15° 2	n.a.	T 26
W27	1 12 30	17°30'54	27°26	13°49	11°41	8°49	11°32	4°50	23°47	12° 4	14°46	29°28	0°31	15° 9	n.a.	W27
T 28	1 16 26	18°32'07	11♊50	15°23	12°56	9°22	11°26	4°50	23°45	12° 5	14°46	29°24	0°28	15°15	n.a.	T 28
F 29	1 20 23	19°33'22	25°45	16°57	14°12	9°56	11°21	4°50	23°43	12° 6	14°45	29°D23	0°25	15°22	n.a.	F 29
S 30	1 24 19	20°34'37	9♋12	18°32	15°28	10°30	11°17	4°51	23°40	12° 7	14°44	29°23	0°21	15°29	n.a.	S 30
S 31	1 28 16	21♎35'53	22♋12	20♎ 6	16♎43	11♌ 3	11♓12	4♒51	23♓38	12♌ 8	14♊44	29°R24	0♉18	15♎35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n36	24n37	1n24	12n24	2n10	9n44	1n26	23n12	1n27	7s54	1s50	21s27	2s13	2s46	0s44	19n 3	1n24	28n 8	5n 7	23s54	23s55	9s34		n.a.
S 2	3 12	24 10	0 14	11 50	2 8	9 14	1 25	23 7	1 28	7 57	1 50	21 28	2 12	2 47	0 44	19 2	1 24	28 8	5 7	23 54	23 55	9 37		n.a.
S 3	2 48	22 24	0s54	11 15	2 5	8 44	1 25	23 1	1 28	8 0	1 50	21 28	2 12	2 48	0 44	19 2	1 24	28 8	5 7	23 54	23 55	9 39		n.a.
M 4	2 23	19 33	1 58	10 38	2 2	8 14	1 24	22 55	1 29	8 3	1 49	21 29	2 12	2 49	0 44	19 1	1 24	28 8	5 7	23 54	23 55	9 42		n.a.
T 5	1 58	15 51	2 55	10 0	1 58	7 44	1 23	22 49	1 30	8 6	1 49	21 29	2 12	2 50	0 44	19 1	1 24	28 9	5 8	23 54	23 55	9 44		n.a.
W 6	1 34	11 32	3 43	9 22	1 54	7 13	1 23	22 43	1 30	8 9	1 49	21 30	2 12	2 51	0 44	19 1	1 24	28 9	5 8	23 54	23 55	9 47		n.a.
T 7	1 9	6 50	4 20	8 42	1 50	6 42	1 22	22 36	1 31	8 12	1 49	21 30	2 12	2 52	0 44	19 0	1 24	28 9	5 8	23 54	23 55	9 49		n.a.
F 8	0 45	1 55	4 45	8 1	1 45	6 11	1 21	22 30	1 32	8 15	1 49	21 30	2 12	2 53	0 44	19 0	1 24	28 9	5 8	23 55	23 55	9 52		n.a.
S 9	0 20	3s 2	4 58	7 20	1 41	5 40	1 20	22 23	1 32	8 17	1 49	21 31	2 12	2 54	0 44	18 59	1 24	28 9	5 8	23 55	23 55	9 54		n.a.
S 10	0s 5	7 50	4 57	6 38	1 35	5 9	1 19	22 17	1 33	8 20	1 49	21 31	2 11	2 55	0 44	18 59	1 24	28 10	5 9	23 55	23 55	9 57		n.a.
M11	0 30	12 21	4 43	5 56	1 30	4 37	1 17	22 10	1 34	8 23	1 48	21 31	2 11	2 56	0 44	18 58	1 24	28 10	5 9	23 55	23 55	9 59		n.a.
T 12	0 54	16 23	4 17	5 13	1 24	4 6	1 16	22 3	1 35	8 26	1 48	21 31	2 11	2 57	0 44	18 58	1 24	28 10	5 9	23 55	23 55	10 2		n.a.
W13	1 19	19 47	3 40	4 30	1 18	3 34	1 15	21 56	1 35	8 28	1 48	21 32	2 11	2 58	0 44	18 58	1 24	28 10	5 9	23 55	23 55	10 4		n.a.
T 14	1 44	22 22	2 53	3 46	1 12	3 2	1 14	21 49	1 36	8 31	1 48	21 32	2 11	2 59	0 44	18 57	1 24	28 10	5 10	23 55	23 55	10 7		n.a.
F 15	2 8	23 59	1 57	3 3	1 6	2 30	1 12	21 41	1 37	8 33	1 48	21 32	2 11	3 0	0 44	18 57	1 24	28 10	5 10	23 55	23 55	10 9		n.a.
S 16	2 33	24 28	0 56	2 19	1 0	1 58	1 11	21 34	1 37	8 36	1 47	21 32	2 10	3 1	0 44	18 56	1 24	28 11	5 10	23 55	23 55	10 12		n.a.
S 17	2 58	23 44	0n10	1 35	0 54	1 26	1 9	21 27	1 38	8 38	1 47	21 32	2 10	3 2	0 44	18 56	1 24	28 11	5 10	23 55	23 55	10 14		n.a.
M18	3 22	21 44	1 18	0 51	0 47	0 54	1 8	21 19	1 39	8 41	1 47	21 32	2 10	3 2	0 44	18 56	1 24	28 11	5 10	23 55	23 55	10 17		n.a.
T 19	3 47	18 31	2 23	0 7	0 41	0 22	1 6	21 11	1 40	8 43	1 47	21 32	2 10	3 3	0 44	18 55	1 25	28 11	5 11	23 55	23 55	10 19		n.a.
W20	4 11	14 10	3 22	0s37	0 34	0s10	1 5	21 4	1 40	8 45	1 46	21 32	2 10	3 4	0 44	18 55	1 25	28 11	5 11	23 55	23 55	10 22		n.a.
T 21	4 36	8 55	4 11	1 22	0 28	0 42	1 3	20 56	1 41	8 48	1 46	21 32	2 10	3 5	0 44	18 55	1 25	28 11	5 11	23 55	23 55	10 24		n.a.
F 22	5 0	3 0	4 45	2 6	0 21	1 14	1 1	20 48	1 42	8 50	1 46	21 32	2 10	3 6	0 44	18 54	1 25	28 11	5 11	23 56	23 55	10 27		n.a.
S 23	5 24	3n14	5 0	2 50	0 15	1 46	1 0	20 40	1 42	8 52	1 46	21 32	2 9	3 7	0 44	18 54	1 25	28 12	5 11	23 56	23 55	10 29		n.a.
S 24	5 49	9 20	4 54	3 33	0 8	2 19	0 58	20 32	1 43	8 54	1 45	21 32	2 9	3 8	0 44	18 54	1 25	28 12	5 12	23 56	23 55	10 32		n.a.
M25	6 13	14 53	4 27	4 17	0 1	2 51	0 56	20 24	1 44	8 56	1 45	21 32	2 9	3 9	0 43	18 53	1 25	28 12	5 12	23 56	23 55	10 34		n.a.
T 26	6 37	19 25	3 41	5 1	0s 5	3 23	0 54	20 15	1 45	8 58	1 45	21 32	2 9	3 10	0 43	18 53	1 25	28 12	5 12	23 55	23 55	10 37		n.a.
W27	7 1	22 35	2 41	5 44	0 12	3 54	0 52	20 7	1 45	8 59	1 44	21 31	2 9	3 11	0 43	18 53	1 25	28 12	5 12	23 55	23 55	10 39		n.a.
T 28	7 24	24 11	1 32	6 27	0 18	4 26	0 50	19 58	1 46	9 1	1 44	21 31	2 8	3 12	0 43	18 53	1 25	28 12	5 12	23 55	23 55	10 42		n.a.
F 29	7 48	24 11	0 19	7 10	0 24	4 58	0 48	19 50	1 47	9 3	1 44	21 31	2 8	3 13	0 43	18 52	1 25	28 12	5 13	23 55	23 55	10 44		n.a.
S 30	8 12	22 44	0s52	7 52	0 31	5 30	0 46	19 41	1 48	9 4	1 44	21 31	2 8	3 13	0 43	18 52	1 25	28 12	5 13	23 55	23 55	10 47		n.a.
S 31	8s35	20n 7	1s58	8s35	0s37	6s 1	0n44	19n33	1n48	9s 6	1s43	21s30	2s 8	3s14	0s43	18n52	1n25	28n13	5n13	23s55	23s56	10s49		n.a.

Julian Day Number = 987178.5, Delta T = 13h06m49s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'15, Lahiri = -31°40'14 Julian Calendar 1 Oct. 2011 BCE == Greg. Calendar 14 Sept. 2011 BCE

The year -2010 astronomical counting style corresponds to year 2011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

NOVEMBER 2011 BCE (-2010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 32 12	22♎37'10	4♌51	21♎41	17♎59	11♌37	11°R 8	4♒52	23°R36	12♌ 9	14°R43	29°R23	0♉15	15♎42	n.a.	M 1
T 2	1 36 9	23°38'28	17°13	23°16	19°15	12°10	11♓ 4	4°53	23♓34	12°10	14♊42	29♐20	0°12	15°49	n.a.	T 2
W 3	1 40 6	24°39'46	29°23	24°50	20°30	12°43	11° 0	4°54	23°32	12°11	14°41	29°15	0° 9	15°56	n.a.	W 3
T 4	1 44 2	25°41'05	11♍23	26°25	21°46	13°17	10°56	4°55	23°30	12°12	14°41	29° 6	0° 6	16° 2	n.a.	T 4
F 5	1 47 59	26°42'25	23°18	28° 0	23° 2	13°50	10°52	4°56	23°28	12°13	14°40	28°56	0° 2	16° 9	n.a.	F 5
S 6	1 51 55	27°43'45	5♎11	29°36	24°17	14°23	10°49	4°57	23°26	12°14	14°39	28°44	29♐59	16°16	n.a.	S 6
S 7	1 55 52	28°45'05	17° 2	1♏11	25°33	14°56	10°45	4°59	23°24	12°15	14°38	28°31	29°56	16°22	n.a.	S 7
M 8	1 59 48	29°46'26	28°54	2°47	26°48	15°28	10°42	5° 0	23°22	12°15	14°37	28°19	29°53	16°29	n.a.	M 8
T 9	2 3 45	0♏47'47	10♏49	4°23	28° 4	16° 1	10°39	5° 2	23°20	12°16	14°36	28° 9	29°50	16°36	n.a.	T 9
W10	2 7 41	1°49'08	22°47	5°59	29°20	16°34	10°37	5° 3	23°18	12°17	14°35	28° 0	29°46	16°43	n.a.	W10
T 11	2 11 38	2°50'29	4♐50	7°35	0♏35	17° 6	10°34	5° 5	23°17	12°18	14°34	27°55	29°43	16°49	n.a.	T 11
F 12	2 15 35	3°51'50	17° 0	9°12	1°51	17°39	10°32	5° 7	23°15	12°18	14°33	27°52	29°40	16°56	n.a.	F 12
S 13	2 19 31	4°53'11	29°21	10°49	3° 6	18°11	10°30	5° 9	23°13	12°19	14°32	27°D51	29°37	17° 3	n.a.	S 13
S 14	2 23 28	5°54'32	11♑55	12°26	4°22	18°43	10°28	5°11	23°12	12°19	14°31	27°52	29°34	17° 9	n.a.	S 14
M15	2 27 24	6°55'52	24°46	14° 3	5°37	19°15	10°27	5°14	23°10	12°20	14°30	27°53	29°31	17°16	n.a.	M15
T 16	2 31 21	7°57'12	7♒59	15°41	6°53	19°47	10°25	5°16	23° 8	12°21	14°29	27°R54	29°27	17°23	n.a.	T 16
W17	2 35 17	8°58'32	21°36	17°19	8° 8	20°19	10°24	5°18	23° 7	12°21	14°28	27°53	29°24	17°30	n.a.	W17
T 18	2 39 14	9°59'51	5♓39	18°56	9°24	20°51	10°23	5°21	23° 5	12°21	14°27	27°50	29°21	17°36	n.a.	T 18
F 19	2 43 11	11° 1'09	20° 7	20°34	10°39	21°22	10°22	5°24	23° 4	12°22	14°26	27°45	29°18	17°43	n.a.	F 19
S 20	2 47 7	12° 2'27	4♈58	22°13	11°55	21°54	10°22	5°26	23° 2	12°22	14°25	27°39	29°15	17°50	n.a.	S 20
S 21	2 51 4	13° 3'45	20° 4	23°51	13°10	22°25	10°21	5°29	23° 1	12°23	14°24	27°32	29°12	17°56	n.a.	S 21
M22	2 55 0	14° 5'02	5♉17	25°29	14°26	22°57	10°D21	5°32	23° 0	12°23	14°23	27°25	29° 8	18° 3	n.a.	M22
T 23	2 58 57	15° 6'18	20°26	27° 7	15°41	23°28	10°21	5°35	22°58	12°23	14°21	27°19	29° 5	18°10	n.a.	T 23
W24	3 2 53	16° 7'35	5♊20	28°45	16°57	23°59	10°21	5°38	22°57	12°24	14°20	27°15	29° 2	18°17	n.a.	W24
T 25	3 6 50	17° 8'51	19°53	0♐22	18°12	24°30	10°22	5°42	22°56	12°24	14°19	27°13	28°59	18°23	n.a.	T 25
F 26	3 10 47	18°10'06	3♋58	1°59	19°27	25° 0	10°22	5°45	22°55	12°24	14°18	27°D13	28°56	18°30	n.a.	F 26
S 27	3 14 43	19°11'22	17°35	3°36	20°43	25°31	10°23	5°49	22°54	12°24	14°17	27°14	28°52	18°37	n.a.	S 27
S 28	3 18 40	20°12'37	0♌45	5°11	21°58	26° 2	10°24	5°52	22°53	12°24	14°15	27°16	28°49	18°44	n.a.	S 28
M29	3 22 36	21°13'51	13°31	6°46	23°14	26°32	10°26	5°56	22°52	12°24	14°14	27°17	28°46	18°50	n.a.	M29
T 30	3 26 33	22♏15'05	25♌57	8♐19	24♏29	27♌ 2	10♓27	6♒ 0	22♓51	12♌24	14♊13	27°R18	28♐43	18♎57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s58	16n35	2s57	9s17	0s43	6s33	0n42	19n24	1n49	9s 7	1s43	21s30	2s 8	3s15	0s43	18n52	1n25	28n13	5n13	23s55	23s56	10s52		n.a.
T 2	9 22	12 25	3 46	9 58	0 49	7 4	0 40	19 15	1 50	9 9	1 43	21 30	2 8	3 16	0 43	18 51	1 25	28 13	5 13	23 55	23 56	10 54		n.a.
W 3	9 45	7 49	4 23	10 39	0 55	7 35	0 38	19 6	1 51	9 10	1 42	21 29	2 7	3 17	0 43	18 51	1 25	28 13	5 14	23 55	23 56	10 56		n.a.
T 4	10 7	3 0	4 49	11 20	1 0	8 6	0 36	18 57	1 52	9 11	1 42	21 29	2 7	3 17	0 43	18 51	1 25	28 13	5 14	23 55	23 56	10 59		n.a.
F 5	10 30	1s53	5 1	12 0	1 6	8 36	0 34	18 48	1 52	9 12	1 42	21 28	2 7	3 18	0 43	18 51	1 25	28 13	5 14	23 55	23 56	11 1		n.a.
S 6	10 53	6 41	5 1	12 40	1 11	9 7	0 32	18 39	1 53	9 13	1 41	21 28	2 7	3 19	0 43	18 50	1 26	28 13	5 14	23 55	23 56	11 4		n.a.
S 7	11 15	11 14	4 48	13 19	1 17	9 37	0 29	18 30	1 54	9 14	1 41	21 27	2 7	3 20	0 43	18 50	1 26	28 13	5 14	23 55	23 56	11 6		n.a.
M 8	11 37	15 22	4 22	13 58	1 22	10 7	0 27	18 21	1 55	9 15	1 41	21 27	2 7	3 21	0 43	18 50	1 26	28 13	5 14	23 55	23 56	11 9		n.a.
T 9	11 59	18 54	3 44	14 36	1 27	10 37	0 25	18 11	1 55	9 16	1 40	21 26	2 6	3 21	0 43	18 50	1 26	28 13	5 15	23 55	23 56	11 11		n.a.
W10	12 21	21 41	2 56	15 13	1 31	11 6	0 23	18 2	1 56	9 16	1 40	21 26	2 6	3 22	0 43	18 50	1 26	28 13	5 15	23 55	23 56	11 13		n.a.
T 11	12 42	23 30	2 0	15 50	1 36	11 36	0 20	17 53	1 57	9 17	1 40	21 25	2 6	3 23	0 43	18 50	1 26	28 13	5 15	23 55	23 56	11 16		n.a.
F 12	13 4	24 14	0 58	16 26	1 40	12 5	0 18	17 43	1 58	9 18	1 39	21 24	2 6	3 23	0 43	18 49	1 26	28 13	5 15	23 54	23 55	11 18		n.a.
S 13	13 25	23 47	0n 8	17 1	1 44	12 33	0 16	17 34	1 59	9 18	1 39	21 24	2 6	3 24	0 43	18 49	1 26	28 14	5 15	23 54	23 55	11 21		n.a.
S 14	13 46	22 8	1 15	17 35	1 48	13 1	0 13	17 24	2 0	9 18	1 39	21 23	2 6	3 25	0 43	18 49	1 26	28 14	5 15	23 54	23 55	11 23		n.a.
M15	14 6	19 19	2 20	18 9	1 51	13 29	0 11	17 15	2 0	9 19	1 38	21 22	2 5	3 25	0 43	18 49	1 26	28 14	5 16	23 54	23 55	11 25		n.a.
T 16	14 27	15 27	3 19	18 41	1 54	13 57	0 9	17 5	2 1	9 19	1 38	21 21	2 5	3 26	0 43	18 49	1 26	28 14	5 16	23 54	23 55	11 28		n.a.
W17	14 47	10 40	4 9	19 13	1 57	14 24	0 6	16 56	2 2	9 19	1 38	21 21	2 5	3 26	0 43	18 49	1 26	28 14	5 16	23 54	23 55	11 30		n.a.
T 18	15 7	5 13	4 45	19 43	2 0	14 51	0 4	16 46	2 3	9 19	1 37	21 20	2 5	3 27	0 43	18 49	1 26	28 14	5 16	23 54	23 55	11 33		n.a.
F 19	15 26	0n40	5 5	20 12	2 2	15 18	0 2	16 37	2 4	9 19	1 37	21 19	2 5	3 28	0 43	18 49	1 26	28 14	5 16	23 54	23 55	11 35		n.a.
S 20	15 45	6 40	5 6	20 40	2 3	15 44	0s 1	16 27	2 5	9 19	1 37	21 18	2 5	3 28	0 43	18 49	1 26	28 14	5 16	23 54	23 55	11 37		n.a.
S 21	16 4	12 23	4 45	21 7	2 5	16 10	0 3	16 17	2 5	9 19	1 36	21 17	2 4	3 29	0 43	18 49	1 26	28 14	5 17	23 54	23 55	11 40		n.a.
M22	16 23	17 22	4 4	21 33	2 5	16 35	0 6	16 8	2 6	9 19	1 36	21 16	2 4	3 29	0 43	18 49	1 26	28 14	5 17	23 54	23 55	11 42		n.a.
T 23	16 42	21 12	3 6	21 57	2 6	17 0	0 8	15 58	2 7	9 18	1 35	21 15	2 4	3 30	0 43	18 49	1 27	28 14	5 17	23 54	23 55	11 44		n.a.
W24	17 0	23 32	1 56	22 19	2 5	17 24	0 10	15 48	2 8	9 18	1 35	21 14	2 4	3 30	0 43	18 49	1 27	28 14	5 17	23 54	23 55	11 47		n.a.
T 25	17 18	24 11	0 40	22 40	2 5	17 48	0 13	15 38	2 9	9 17	1 35	21 13	2 4	3 31	0 43	18 49	1 27	28 14	5 17	23 54	23 55	11 49		n.a.
F 26	17 35	23 15	0s37	22 59	2 3	18 11	0 15	15 29	2 10	9 17	1 34	21 12	2 4	3 31	0 43	18 49	1 27	28 14	5 17	23 54	23 55	11 52		n.a.
S 27	17 52	20 57	1 49	23 17	2 1	18 34	0 17	15 19	2 11	9 16	1 34	21 11	2 3	3 31	0 43	18 49	1 27	28 14	5 17	23 54	23 55	11 54		n.a.
S 28	18 9	17 36	2 52	23 32	1 58	18 57	0 19	15 9	2 11	9 15	1 34	21 10	2 3	3 32	0 42	18 49	1 27	28 14	5 18	23 54	23 55	11 56		n.a.
M29	18 26	13 30	3 46	23 46	1 55	19 18	0 22	14 59	2 12	9 15	1 33	21 9	2 3	3 32	0 42	18 49	1 27	28 14	5 18	23 54	23 55	11 59		n.a.
T 30	18s42	8n57	4s27	23s58	1s51	19s40	0s24	14n50	2n13	9s14	1s33	21s 8	2s 3	3s32	0s42	18n49	1n27	28n14	5n18	23s54	23s55	12s 1		n.a.

Julian Day Number = 987209.5, Delta T = 13h06m47s
Ecliptic obliquity = 23°55'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'11, Lahiri = -31°40'10 Julian Calendar 1 Nov. 2011 BCE == Greg. Calendar 15 Oct. 2011 BCE

The year -2010 astronomical counting style corresponds to year 2011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2011 BCE
geocentric

DECEMBER 2011 BCE (-2010) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 30 29	23♏16'19	8♍ 7	9♐50	25♏44	27♌32	10♓29	6♒ 3	22°R50	12°R24	14°R12	27°R16	28♐40	19♎ 4	n.a.	W 1
T 2	3 34 26	24°17'32	20° 6	11°20	27° 0	28° 2	10°31	6° 7	22♓49	12♌24	14♊10	27♐13	28°37	19°10	n.a.	T 2
F 3	3 38 22	25°18'45	1♎59	12°47	28°15	28°32	10°33	6°11	22°48	12°24	14° 9	27° 9	28°33	19°17	n.a.	F 3
S 4	3 42 19	26°19'57	13°50	14°10	29°30	29° 1	10°35	6°16	22°47	12°24	14° 8	27° 4	28°30	19°24	n.a.	S 4
S 5	3 46 16	27°21'08	25°41	15°30	0♐45	29°31	10°38	6°20	22°47	12°24	14° 6	26°58	28°27	19°31	n.a.	S 5
M 6	3 50 12	28°22'19	7♏36	16°46	2° 1	0♍ 0	10°40	6°24	22°46	12°24	14° 5	26°53	28°24	19°37	n.a.	M 6
T 7	3 54 9	29°23'28	19°36	17°57	3°16	0°29	10°43	6°28	22°45	12°24	14° 4	26°48	28°21	19°44	n.a.	T 7
W 8	3 58 5	0♐24'37	1♐43	19° 2	4°31	0°58	10°46	6°33	22°45	12°24	14° 2	26°44	28°18	19°51	n.a.	W 8
T 9	4 2 2	1°25'45	13°59	20° 1	5°47	1°27	10°50	6°38	22°44	12°23	14° 1	26°42	28°14	19°57	n.a.	T 9
F 10	4 5 58	2°26'52	26°24	20°52	7° 2	1°55	10°53	6°42	22°44	12°23	14° 0	26°D41	28°11	20° 4	n.a.	F 10
S 11	4 9 55	3°27'58	9♑ 0	21°36	8°17	2°24	10°57	6°47	22°44	12°23	13°58	26°42	28° 8	20°11	n.a.	S 11
S 12	4 13 52	4°29'02	21°48	22°10	9°32	2°52	11° 1	6°52	22°43	12°22	13°57	26°43	28° 5	20°18	n.a.	S 12
M13	4 17 48	5°30'05	4♒51	22°34	10°47	3°20	11° 5	6°57	22°43	12°22	13°56	26°45	28° 2	20°24	n.a.	M13
T 14	4 21 45	6°31'07	18° 9	22°48	12° 2	3°47	11° 9	7° 2	22°43	12°21	13°54	26°46	27°58	20°31	n.a.	T 14
W15	4 25 41	7°32'07	1♓45	22°R50	13°18	4°15	11°13	7° 7	22°43	12°21	13°53	26°R47	27°55	20°38	n.a.	W15
T 16	4 29 38	8°33'05	15°40	22°42	14°33	4°42	11°18	7°12	22°42	12°21	13°51	26°47	27°52	20°44	n.a.	T 16
F 17	4 33 34	9°34'02	29°52	22°22	15°48	5° 9	11°23	7°17	22°42	12°20	13°50	26°46	27°49	20°51	n.a.	F 17
S 18	4 37 31	10°34'57	14♈20	21°51	17° 3	5°36	11°28	7°22	22°D42	12°19	13°49	26°45	27°46	20°58	n.a.	S 18
S 19	4 41 27	11°35'50	29° 1	21°10	18°18	6° 3	11°33	7°28	22°42	12°19	13°47	26°43	27°43	21° 5	n.a.	S 19
M20	4 45 24	12°36'42	13♉48	20°20	19°33	6°29	11°38	7°33	22°42	12°18	13°46	26°41	27°39	21°11	n.a.	M20
T 21	4 49 21	13°37'33	28°35	19°21	20°48	6°56	11°44	7°39	22°42	12°18	13°45	26°39	27°36	21°18	n.a.	T 21
W22	4 53 17	14°38'22	13♊14	18°17	22° 3	7°22	11°49	7°44	22°43	12°17	13°43	26°38	27°33	21°25	n.a.	W22
T 23	4 57 14	15°39'09	27°37	17° 7	23°18	7°48	11°55	7°50	22°43	12°16	13°42	26°D38	27°30	21°31	n.a.	T 23
F 24	5 1 10	16°39'55	11♋41	15°56	24°33	8°13	12° 1	7°56	22°43	12°15	13°40	26°38	27°27	21°38	n.a.	F 24
S 25	5 5 7	17°40'40	25°21	14°44	25°48	8°38	12° 7	8° 1	22°44	12°15	13°39	26°39	27°24	21°45	n.a.	S 25
S 26	5 9 3	18°41'23	8♌37	13°33	27° 3	9° 3	12°14	8° 7	22°44	12°14	13°38	26°40	27°20	21°52	n.a.	S 26
M27	5 13 0	19°42'05	21°29	12°26	28°18	9°28	12°20	8°13	22°44	12°13	13°36	26°41	27°17	21°58	n.a.	M27
T 28	5 16 57	20°42'45	4♍ 1	11°24	29°33	9°53	12°27	8°19	22°45	12°12	13°35	26°41	27°14	22° 5	n.a.	T 28
W29	5 20 53	21°43'24	16°16	10°28	0♑48	10°17	12°34	8°25	22°45	12°11	13°33	26°41	27°11	22°12	n.a.	W29
T 30	5 24 50	22°44'01	28°18	9°38	2° 3	10°41	12°41	8°31	22°46	12°10	13°32	26°R41	27° 8	22°18	n.a.	T 30
F 31	5 28 46	23♐44'37	10♎12	8♐56	3♑18	11♍ 5	12♓48	8♒38	22♓47	12♌ 9	13♊31	26♐41	27♐ 4	22♎25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	18s58	4n 9	4s55	24s 7	1s46	20s 1	0s26	14n40	2n14	9s13	1s33	21s 7	2s 3	3s33	0s42	18n49	1n27	28n14	5n18	23s54	23s55	12s 3			n.a.
T 2	19 14	0s44	5 9	24 15	1 40	20 21	0 29	14 30	2 15	9 12	1 32	21 6	2 3	3 33	0 42	18 49	1 27	28 14	5 18	23 54	23 55	12 6			n.a.
F 3	19 29	5 32	5 11	24 20	1 33	20 40	0 31	14 20	2 16	9 10	1 32	21 5	2 2	3 33	0 42	18 49	1 27	28 14	5 18	23 54	23 55	12 8			n.a.
S 4	19 44	10 8	4 59	24 23	1 26	20 59	0 33	14 11	2 17	9 9	1 32	21 4	2 2	3 34	0 42	18 49	1 27	28 14	5 18	23 54	23 55	12 10			n.a.
S 5	19 58	14 21	4 34	24 23	1 17	21 18	0 35	14 1	2 18	9 8	1 31	21 2	2 2	3 34	0 42	18 49	1 27	28 13	5 18	23 53	23 55	12 13			n.a.
M 6	20 12	18 3	3 57	24 22	1 7	21 36	0 37	13 51	2 19	9 7	1 31	21 1	2 2	3 34	0 42	18 49	1 27	28 13	5 19	23 53	23 55	12 15			n.a.
T 7	20 26	21 1	3 10	24 18	0 56	21 53	0 39	13 42	2 20	9 5	1 30	21 0	2 2	3 34	0 42	18 49	1 27	28 13	5 19	23 53	23 55	12 17			n.a.
W 8	20 39	23 5	2 13	24 12	0 44	22 9	0 42	13 32	2 20	9 4	1 30	20 58	2 2	3 35	0 42	18 49	1 27	28 13	5 19	23 53	23 55	12 20			n.a.
T 9	20 52	24 5	1 9	24 4	0 31	22 25	0 44	13 22	2 21	9 2	1 30	20 57	2 2	3 35	0 42	18 50	1 27	28 13	5 19	23 53	23 55	12 22			n.a.
F 10	21 4	23 54	0 2	23 53	0 17	22 40	0 46	13 13	2 22	9 0	1 29	20 56	2 1	3 35	0 42	18 50	1 28	28 13	5 19	23 53	23 55	12 24			n.a.
S 11	21 16	22 30	1n 7	23 41	0 2	22 55	0 48	13 3	2 23	8 59	1 29	20 54	2 1	3 35	0 42	18 50	1 28	28 13	5 19	23 53	23 55	12 26			n.a.
S 12	21 28	19 55	2 14	23 27	0n14	23 9	0 50	12 54	2 24	8 57	1 29	20 53	2 1	3 35	0 42	18 50	1 28	28 13	5 19	23 53	23 55	12 29			n.a.
M13	21 39	16 17	3 15	23 11	0 31	23 22	0 52	12 44	2 25	8 55	1 28	20 52	2 1	3 35	0 42	18 50	1 28	28 13	5 19	23 53	23 55	12 31			n.a.
T 14	21 50	11 47	4 7	22 54	0 49	23 34	0 53	12 35	2 26	8 53	1 28	20 50	2 1	3 35	0 42	18 50	1 28	28 13	5 19	23 53	23 55	12 33			n.a.
W15	22 1	6 37	4 46	22 36	1 7	23 46	0 55	12 25	2 27	8 51	1 28	20 49	2 1	3 35	0 42	18 51	1 28	28 13	5 20	23 53	23 55	12 36			n.a.
T 16	22 11	1 1	5 10	22 17	1 26	23 57	0 57	12 16	2 28	8 49	1 27	20 47	2 1	3 35	0 42	18 51	1 28	28 13	5 20	23 53	23 54	12 38			n.a.
F 17	22 20	4n45	5 15	21 57	1 45	24 8	0 59	12 7	2 29	8 47	1 27	20 46	2 1	3 35	0 42	18 51	1 28	28 13	5 20	23 53	23 54	12 40			n.a.
S 18	22 29	10 22	5 1	21 37	2 3	24 17	1 1	11 58	2 30	8 44	1 27	20 44	2 0	3 35	0 42	18 51	1 28	28 13	5 20	23 53	23 54	12 43			n.a.
S 19	22 38	15 30	4 27	21 16	2 21	24 26	1 2	11 48	2 31	8 42	1 26	20 43	2 0	3 35	0 42	18 51	1 28	28 12	5 20	23 53	23 54	12 45			n.a.
M20	22 46	19 43	3 35	20 56	2 38	24 34	1 4	11 39	2 32	8 40	1 26	20 41	2 0	3 35	0 42	18 52	1 28	28 12	5 20	23 53	23 54	12 47			n.a.
T 21	22 54	22 40	2 29	20 36	2 54	24 41	1 6	11 30	2 33	8 37	1 26	20 40	2 0	3 35	0 42	18 52	1 28	28 12	5 20	23 53	23 54	12 49			n.a.
W22	23 1	24 4	1 14	20 17	3 8	24 48	1 7	11 21	2 34	8 35	1 25	20 38	2 0	3 35	0 42	18 52	1 28	28 12	5 20	23 53	23 54	12 52			n.a.
T 23	23 8	23 49	0s 5	19 58	3 20	24 54	1 9	11 12	2 35	8 32	1 25	20 36	2 0	3 35	0 41	18 52	1 28	28 12	5 20	23 53	23 54	12 54			n.a.
F 24	23 14	22 2	1 22	19 41	3 30	24 59	1 10	11 3	2 36	8 30	1 25	20 35	2 0	3 35	0 41	18 53	1 28	28 12	5 20	23 53	23 54	12 56			n.a.
S 25	23 20	19 0	2 33	19 26	3 37	25 3	1 12	10 55	2 37	8 27	1 24	20 33	2 0	3 34	0 41	18 53	1 28	28 12	5 20	23 53	23 54	12 58			n.a.
S 26	23 26	15 4	3 32	19 12	3 43	25 6	1 13	10 46	2 38	8 24	1 24	20 32	2 0	3 34	0 41	18 53	1 28	28 12	5 20	23 53	23 54	13 1			n.a.
M27	23 31	10 32	4 19	19 1	3 46	25 9	1 14	10 37	2 39	8 21	1 24	20 30	1 59	3 34	0 41	18 53	1 28	28 12	5 20	23 53	23 54	13 3			n.a.
T 28	23 36	5 42	4 53	18 52	3 46	25 11	1 15	10 29	2 40	8 18	1 23	20 28	1 59	3 34	0 41	18 54	1 28	28 11	5 21	23 53	23 54	13 5			n.a.
W29	23 40	0 45	5 12	18 46	3 45	25 12	1 17	10 20	2 41	8 15	1 23	20 26	1 59	3 34	0 41	18 54	1 29	28 11	5 21	23 53	23 54	13 7			n.a.
T 30	23 43	4s 9	5 17	18 42	3 42	25 12	1 18	10 12	2 42	8 12	1 23	20 25	1 59	3 33	0 41	18 54	1 29	28 11	5 21	23 53	23 54	13 10			n.a.
F 31	23s46	8s50	5s 9	18s40	3n37	25s12	1s19	10n 4	2n43	8s 9	1s22	20s23	1s59	3s33	0s41	18n55	1n29	28n11	5n21	23s53	23s54	13s12			n.a.

Julian Day Number = 987239.5, Delta T = 13h06m45s
Ecliptic obliquity = 23°55'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'07, Lahiri = -31°40'06 Julian Calendar 1 Dec. 2011 BCE == Greg. Calendar 14 Nov. 2011 BCE

The year -2010 astronomical counting style corresponds to year 2011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

JANUARY 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 32 43	24♐45'12	22♎ 3	8°R22	4♑32	11♍28	12♓55	8♒44	22♓47	12°R 9	13°R29	26°R41	27♐ 1	22♎32	n.a.	S 1
S 2	5 36 39	25°45'45	3♏56	7♐55	5°47	11°51	13° 2	8°50	22°48	12♌ 8	13♊28	26♐41	26°58	22°38	n.a.	S 2
M 3	5 40 36	26°46'16	15°53	7°37	7° 2	12°14	13°10	8°56	22°49	12° 7	13°27	26°D41	26°55	22°45	n.a.	M 3
T 4	5 44 32	27°46'46	27°58	7°25	8°17	12°36	13°18	9° 3	22°50	12° 5	13°25	26°41	26°52	22°52	n.a.	T 4
W 5	5 48 29	28°47'14	10♐15	7°D22	9°32	12°58	13°26	9° 9	22°51	12° 4	13°24	26°41	26°49	22°59	n.a.	W 5
T 6	5 52 26	29°47'41	22°44	7°25	10°46	13°20	13°34	9°16	22°52	12° 3	13°23	26°R41	26°45	23° 5	n.a.	T 6
F 7	5 56 22	0♑48'06	5♑28	7°34	12° 1	13°41	13°42	9°22	22°53	12° 2	13°21	26°41	26°42	23°12	n.a.	F 7
S 8	6 0 19	1°48'28	18°26	7°50	13°16	14° 3	13°50	9°29	22°54	12° 1	13°20	26°41	26°39	23°19	n.a.	S 8
S 9	6 4 15	2°48'49	1♒37	8°11	14°31	14°23	13°59	9°36	22°55	12° 0	13°19	26°40	26°36	23°25	n.a.	S 9
M10	6 8 12	3°49'08	15° 3	8°38	15°45	14°44	14° 7	9°42	22°56	11°59	13°17	26°39	26°33	23°32	n.a.	M10
T 11	6 12 8	4°49'24	28°41	9°10	17° 0	15° 4	14°16	9°49	22°57	11°57	13°16	26°38	26°30	23°39	n.a.	T 11
W12	6 16 5	5°49'38	12♓29	9°46	18°15	15°23	14°25	9°56	22°59	11°56	13°15	26°37	26°26	23°46	n.a.	W12
T 13	6 20 1	6°49'50	26°28	10°26	19°29	15°42	14°34	10° 3	23° 0	11°55	13°14	26°37	26°23	23°52	n.a.	T 13
F 14	6 23 58	7°50'00	10♈35	11°11	20°44	16° 1	14°43	10°10	23° 1	11°54	13°12	26°D37	26°20	23°59	n.a.	F 14
S 15	6 27 55	8°50'07	24°49	11°59	21°59	16°20	14°52	10°17	23° 3	11°52	13°11	26°37	26°17	24° 6	n.a.	S 15
S 16	6 31 51	9°50'12	9♉ 7	12°50	23°13	16°38	15° 1	10°24	23° 4	11°51	13°10	26°38	26°14	24°12	n.a.	S 16
M17	6 35 48	10°50'15	23°26	13°45	24°28	16°55	15°11	10°31	23° 6	11°50	13° 9	26°39	26°10	24°19	n.a.	M17
T 18	6 39 44	11°50'15	7♊43	14°42	25°42	17°12	15°20	10°38	23° 7	11°48	13° 7	26°40	26° 7	24°26	n.a.	T 18
W19	6 43 41	12°50'13	21°54	15°42	26°57	17°29	15°30	10°45	23° 9	11°47	13° 6	26°R41	26° 4	24°33	n.a.	W19
T 20	6 47 37	13°50'09	5♋54	16°45	28°11	17°45	15°40	10°52	23°10	11°46	13° 5	26°41	26° 1	24°39	n.a.	T 20
F 21	6 51 34	14°50'03	19°41	17°50	29°25	18° 1	15°50	10°59	23°12	11°44	13° 4	26°39	25°58	24°46	n.a.	F 21
S 22	6 55 30	15°49'55	3♌11	18°58	0♒40	18°17	16° 0	11° 6	23°14	11°43	13° 3	26°37	25°55	24°53	n.a.	S 22
S 23	6 59 27	16°49'44	16°22	20° 7	1°54	18°31	16°10	11°14	23°16	11°41	13° 2	26°35	25°51	24°59	n.a.	S 23
M24	7 3 24	17°49'32	29°14	21°19	3° 9	18°46	16°20	11°21	23°17	11°40	13° 1	26°31	25°48	25° 6	n.a.	M24
T 25	7 7 20	18°49'17	11♍48	22°32	4°23	19° 0	16°31	11°28	23°19	11°38	13° 0	26°28	25°45	25°13	n.a.	T 25
W26	7 11 17	19°49'01	24° 5	23°47	5°37	19°13	16°41	11°36	23°21	11°37	12°58	26°25	25°42	25°19	n.a.	W26
T 27	7 15 13	20°48'42	6♎10	25° 5	6°52	19°26	16°52	11°43	23°23	11°35	12°57	26°23	25°39	25°26	n.a.	T 27
F 28	7 19 10	21°48'22	18° 5	26°23	8° 6	19°38	17° 2	11°50	23°25	11°34	12°56	26°D22	25°36	25°33	n.a.	F 28
S 29	7 23 6	22°48'00	29°57	27°44	9°20	19°50	17°13	11°58	23°27	11°32	12°55	26°22	25°32	25°40	n.a.	S 29
S 30	7 27 3	23°47'36	11♏50	29° 6	10°34	20° 1	17°24	12° 5	23°29	11°31	12°54	26°23	25°29	25°46	n.a.	S 30
M31	7 30 59	24♑47'10	23♏48	0♑29	11♒48	20♍12	17♓35	12♒13	23♓31	11♌29	12♊53	26♐25	25♐26	25♎53	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s49	13s11	4s47	18s41	3n30	25s11	1s20	9n56	2n44	8s 6	1s22	20s21	1s59	3s33	0s41	18n55	1n29	28n11	5n21	23s53	23s53	13s14		n.a.	S 1
S 2	23 51	17 2	4 13	18 44	3 23	25 9	1 21	9 48	2 45	8 3	1 22	20 19	1 59	3 32	0 41	18 55	1 29	28 11	5 21	23 53	23 53	13 16		n.a.	S 2
M 3	23 53	20 14	3 28	18 50	3 14	25 6	1 22	9 40	2 46	8 0	1 22	20 18	1 59	3 32	0 41	18 56	1 29	28 11	5 21	23 53	23 53	13 18		n.a.	M 3
T 4	23 54	22 35	2 33	18 57	3 5	25 2	1 23	9 32	2 47	7 56	1 21	20 16	1 59	3 32	0 41	18 56	1 29	28 11	5 21	23 53	23 53	13 21		n.a.	T 4
W 5	23 55	23 55	1 30	19 6	2 55	24 58	1 24	9 24	2 48	7 53	1 21	20 14	1 59	3 31	0 41	18 56	1 29	28 10	5 21	23 53	23 53	13 23		n.a.	W 5
T 6	23 55	24 5	0 22	19 17	2 44	24 53	1 24	9 16	2 49	7 50	1 21	20 12	1 59	3 31	0 41	18 57	1 29	28 10	5 21	23 53	23 53	13 25		n.a.	T 6
F 7	23 55	23 0	0n49	19 30	2 33	24 47	1 25	9 9	2 50	7 46	1 20	20 10	1 58	3 30	0 41	18 57	1 29	28 10	5 21	23 53	23 53	13 27		n.a.	F 7
S 8	23 55	20 41	1 58	19 43	2 22	24 40	1 26	9 2	2 51	7 43	1 20	20 8	1 58	3 30	0 41	18 57	1 29	28 10	5 21	23 53	23 53	13 29		n.a.	S 8
S 9	23 54	17 15	3 2	19 58	2 11	24 33	1 26	8 54	2 52	7 39	1 20	20 6	1 58	3 29	0 41	18 58	1 29	28 10	5 21	23 53	23 53	13 32		n.a.	S 9
M10	23 52	12 53	3 57	20 13	2 0	24 24	1 27	8 47	2 54	7 35	1 20	20 4	1 58	3 29	0 41	18 58	1 29	28 10	5 21	23 53	23 53	13 34		n.a.	M10
T 11	23 50	7 48	4 40	20 29	1 48	24 16	1 27	8 40	2 55	7 32	1 19	20 3	1 58	3 28	0 41	18 59	1 29	28 10	5 21	23 53	23 53	13 36		n.a.	T 11
W12	23 48	2 17	5 7	20 46	1 37	24 6	1 27	8 34	2 56	7 28	1 19	20 1	1 58	3 28	0 41	18 59	1 29	28 9	5 21	23 53	23 53	13 38		n.a.	W12
T 13	23 45	3n24	5 17	21 3	1 26	23 55	1 28	8 27	2 57	7 24	1 19	19 59	1 58	3 27	0 41	18 59	1 29	28 9	5 21	23 53	23 52	13 40		n.a.	T 13
F 14	23 41	8 58	5 7	21 21	1 14	23 44	1 28	8 21	2 58	7 20	1 18	19 57	1 58	3 27	0 41	19 0	1 29	28 9	5 21	23 53	23 52	13 43		n.a.	F 14
S 15	23 37	14 7	4 39	21 38	1 3	23 32	1 28	8 14	2 59	7 16	1 18	19 55	1 58	3 26	0 41	19 0	1 29	28 9	5 21	23 53	23 52	13 45		n.a.	S 15
S 16	23 33	18 30	3 54	21 56	0 53	23 20	1 28	8 8	3 0	7 13	1 18	19 53	1 58	3 25	0 40	19 1	1 29	28 9	5 21	23 53	23 52	13 47		n.a.	S 16
M17	23 28	21 48	2 54	22 13	0 42	23 7	1 28	8 2	3 1	7 9	1 18	19 51	1 58	3 25	0 40	19 1	1 29	28 9	5 21	23 53	23 52	13 49		n.a.	M17
T 18	23 23	23 44	1 43	22 30	0 31	22 53	1 28	7 56	3 2	7 5	1 17	19 49	1 58	3 24	0 40	19 1	1 29	28 9	5 21	23 53	23 52	13 51		n.a.	T 18
W19	23 17	24 7	0 26	22 47	0 21	22 38	1 28	7 50	3 3	7 0	1 17	19 47	1 58	3 23	0 40	19 2	1 29	28 8	5 21	23 53	23 52	13 53		n.a.	W19
T 20	23 11	22 57	0s51	23 4	0 11	22 23	1 28	7 45	3 4	6 56	1 17	19 45	1 58	3 23	0 40	19 2	1 30	28 8	5 21	23 53	23 52	13 56		n.a.	T 20
F 21	23 5	20 25	2 4	23 20	0 2	22 7	1 28	7 39	3 5	6 52	1 17	19 42	1 58	3 22	0 40	19 3	1 30	28 8	5 21	23 53	23 52	13 58		n.a.	F 21
S 22	22 58	16 48	3 8	23 35	0s 8	21 50	1 28	7 34	3 6	6 48	1 16	19 40	1 58	3 21	0 40	19 3	1 30	28 8	5 21	23 53	23 52	14 0		n.a.	S 22
S 23	22 50	12 26	4 1	23 50	0 17	21 33	1 27	7 29	3 7	6 44	1 16	19 38	1 58	3 20	0 40	19 4	1 30	28 8	5 21	23 53	23 52	14 2		n.a.	S 23
M24	22 43	7 37	4 40	24 3	0 25	21 15	1 27	7 24	3 8	6 39	1 16	19 36	1 58	3 20	0 40	19 4	1 30	28 8	5 21	23 53	23 51	14 4		n.a.	M24
T 25	22 34	2 36	5 4	24 16	0 34	20 57	1 26	7 20	3 9	6 35	1 16	19 34	1 58	3 19	0 40	19 5	1 30	28 7	5 21	23 53	23 51	14 6		n.a.	T 25
W26	22 26	2s24	5 14	24 29	0 42	20 38	1 26	7 15	3 10	6 31	1 15	19 32	1 57	3 18	0 40	19 5	1 30	28 7	5 21	23 53	23 51	14 8		n.a.	W26
T 27	22 17	7 13	5 10	24 40	0 50	20 18	1 25	7 11	3 11	6 26	1 15	19 30	1 57	3 17	0 40	19 5	1 30	28 7	5 21	23 52	23 51	14 10		n.a.	T 27
F 28	22 7	11 43	4 52	24 50	0 57	19 58	1 25	7 7	3 12	6 22	1 15	19 28	1 57	3 16	0 40	19 6	1 30	28 7	5 21	23 52	23 51	14 13		n.a.	F 28
S 29	21 57	15 45	4 22	24 59	1 5	19 38	1 24	7 3	3 13	6 17	1 15	19 26	1 57	3 16	0 40	19 6	1 30	28 7	5 21	23 52	23 51	14 15		n.a.	S 29
S 30	21 47	19 11	3 41	25 7	1 11	19 16	1 23	7 0	3 14	6 13	1 14	19 23	1 57	3 15	0 40	19 7	1 30	28 7	5 21	23 52	23 51	14 17		n.a.	S 30
M31	21s36	21s50	2s50	25s13	1s18	18s54	1s22	6n56	3n15	6s 8	1s14	19s21	1s57	3s14	0s40	19n 7	1n30	28n 6	5n21	23s53	23s51	14s19		n.a.	M31

Julian Day Number = 987270.5, Delta T = 13h06m43s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°47'03, Lahiri = -31°40'02 Julian Calendar 1 Jan. 2010 BCE == Greg. Calendar 15 Dec. 2011 BCE

The year -2009 astronomical counting style corresponds to year 2010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

FEBRUARY 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 34 56	25♉46'42	5♐56	1♉54	13♒ 3	20♍22	17♓46	12♒20	23♓34	11°R28	12°R52	26♐27	25♐23	26♎ 0	n.a.	T 1
W 2	7 38 52	26°46'12	18°19	3°21	14°17	20°31	17°57	12°28	23°36	11♌26	12♊51	26°28	25°20	26° 6	n.a.	W 2
T 3	7 42 49	27°45'40	0♉59	4°49	15°31	20°40	18° 9	12°35	23°38	11°24	12°50	26°R28	25°16	26°13	n.a.	T 3
F 4	7 46 46	28°45'06	13°58	6°18	16°45	20°48	18°20	12°43	23°40	11°23	12°50	26°27	25°13	26°20	n.a.	F 4
S 5	7 50 42	29°44'30	27°17	7°49	17°59	20°56	18°31	12°50	23°43	11°21	12°49	26°24	25°10	26°27	n.a.	S 5
S 6	7 54 39	0♒43'51	10♒55	9°21	19°13	21° 3	18°43	12°58	23°45	11°20	12°48	26°20	25° 7	26°33	n.a.	S 6
M 7	7 58 35	1°43'11	24°48	10°54	20°27	21° 9	18°54	13° 6	23°47	11°18	12°47	26°14	25° 4	26°40	n.a.	M 7
T 8	8 2 32	2°42'27	8♓53	12°29	21°41	21°15	19° 6	13°13	23°50	11°16	12°46	26° 9	25° 1	26°47	n.a.	T 8
W 9	8 6 28	3°41'42	23° 6	14° 5	22°55	21°20	19°18	13°21	23°52	11°15	12°45	26° 3	24°57	26°53	n.a.	W 9
T 10	8 10 25	4°40'54	7♈22	15°43	24° 9	21°24	19°30	13°29	23°55	11°13	12°45	25°59	24°54	27° 0	n.a.	T 10
F 11	8 14 21	5°40'03	21°38	17°21	25°22	21°27	19°42	13°36	23°57	11°12	12°44	25°56	24°51	27° 7	n.a.	F 11
S 12	8 18 18	6°39'10	5♉50	19° 2	26°36	21°30	19°54	13°44	24° 0	11°10	12°43	25°D56	24°48	27°13	n.a.	S 12
S 13	8 22 14	7°38'15	19°57	20°43	27°50	21°32	20° 6	13°52	24° 3	11° 8	12°42	25°56	24°45	27°20	n.a.	S 13
M14	8 26 11	8°37'17	3♊56	22°26	29° 4	21°34	20°18	13°59	24° 5	11° 7	12°42	25°57	24°42	27°27	n.a.	M14
T 15	8 30 8	9°36'17	17°48	24°11	0♓18	21°35	20°30	14° 7	24° 8	11° 5	12°41	25°58	24°38	27°34	n.a.	T 15
W16	8 34 4	10°35'14	1♋31	25°56	1°31	21°R35	20°42	14°15	24°11	11° 3	12°40	25°R59	24°35	27°40	n.a.	W16
T 17	8 38 1	11°34'09	15° 5	27°43	2°45	21°34	20°55	14°22	24°13	11° 2	12°40	25°57	24°32	27°47	n.a.	T 17
F 18	8 41 57	12°33'01	28°28	29°32	3°58	21°33	21° 7	14°30	24°16	11° 0	12°39	25°53	24°29	27°54	n.a.	F 18
S 19	8 45 54	13°31'51	11♌38	1♒22	5°12	21°30	21°20	14°38	24°19	10°58	12°39	25°47	24°26	28° 0	n.a.	S 19
S 20	8 49 50	14°30'39	24°35	3°14	6°26	21°27	21°32	14°45	24°22	10°57	12°38	25°39	24°22	28° 7	n.a.	S 20
M21	8 53 47	15°29'25	7♍17	5° 6	7°39	21°24	21°45	14°53	24°25	10°55	12°38	25°30	24°19	28°14	n.a.	M21
T 22	8 57 43	16°28'09	19°45	7° 1	8°52	21°19	21°57	15° 1	24°27	10°53	12°37	25°21	24°16	28°20	n.a.	T 22
W23	9 1 40	17°26'51	1♎59	8°57	10° 6	21°14	22°10	15° 9	24°30	10°52	12°37	25°13	24°13	28°27	n.a.	W23
T 24	9 5 36	18°25'30	14° 3	10°54	11°19	21° 8	22°23	15°16	24°33	10°50	12°36	25° 5	24°10	28°34	n.a.	T 24
F 25	9 9 33	19°24'08	25°58	12°52	12°33	21° 1	22°36	15°24	24°36	10°49	12°36	25° 0	24° 7	28°41	n.a.	F 25
S 26	9 13 30	20°22'44	7♏49	14°52	13°46	20°54	22°49	15°32	24°39	10°47	12°35	24°57	24° 3	28°47	n.a.	S 26
S 27	9 17 26	21°21'19	19°41	16°53	14°59	20°45	23° 2	15°39	24°42	10°45	12°35	24°D56	24° 0	28°54	n.a.	S 27
M28	9 21 23	22♒19'51	1♐38	18♒56	16♓12	20♍36	23♓14	15♒47	24♓45	10♌44	12♊35	24♐57	23♐57	29♎ 1	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s25	23 s32	1 s50	25 s19	1 s24	18 s32	1 s21	6n53	3n16	6 s 4	1 s14	19 s19	1 s57	3 s13	0 s40	19n 8	1n30	28n 6	5n21	23 s53	23 s51	14 s21		n.a.
W 2	21 14	24 8	0 45	25 23	1 30	18 9	1 20	6 50	3 17	5 59	1 14	19 17	1 57	3 12	0 40	19 8	1 30	28 6	5 21	23 53	23 50	14 23		n.a.
T 3	21 2	23 31	0n25	25 25	1 35	17 46	1 19	6 48	3 18	5 54	1 14	19 15	1 57	3 11	0 40	19 9	1 30	28 6	5 21	23 53	23 50	14 25		n.a.
F 4	20 50	21 37	1 34	25 26	1 40	17 22	1 18	6 45	3 19	5 49	1 13	19 12	1 57	3 10	0 40	19 9	1 30	28 6	5 21	23 53	23 50	14 27		n.a.
S 5	20 37	18 30	2 40	25 26	1 45	16 58	1 17	6 43	3 20	5 45	1 13	19 10	1 57	3 9	0 40	19 10	1 30	28 6	5 21	23 52	23 50	14 29		n.a.
S 6	20 24	14 21	3 39	25 24	1 49	16 33	1 16	6 41	3 21	5 40	1 13	19 8	1 57	3 8	0 40	19 10	1 30	28 6	5 21	23 52	23 50	14 31		n.a.
M 7	20 11	9 21	4 25	25 21	1 53	16 8	1 14	6 39	3 22	5 35	1 13	19 6	1 57	3 7	0 40	19 11	1 30	28 5	5 21	23 52	23 50	14 34		n.a.
T 8	19 57	3 50	4 57	25 15	1 56	15 43	1 13	6 38	3 22	5 30	1 12	19 4	1 57	3 6	0 40	19 11	1 30	28 5	5 21	23 52	23 50	14 36		n.a.
W 9	19 43	1n56	5 10	25 8	1 59	15 17	1 11	6 36	3 23	5 25	1 12	19 1	1 57	3 5	0 40	19 12	1 30	28 5	5 21	23 52	23 50	14 38		n.a.
T 10	19 29	7 37	5 4	25 0	2 2	14 50	1 10	6 35	3 24	5 20	1 12	18 59	1 57	3 4	0 40	19 12	1 30	28 5	5 21	23 52	23 49	14 40		n.a.
F 11	19 14	12 54	4 40	24 49	2 4	14 23	1 8	6 35	3 25	5 15	1 12	18 57	1 57	3 3	0 40	19 13	1 30	28 5	5 21	23 52	23 49	14 42		n.a.
S 12	18 59	17 28	3 59	24 37	2 6	13 56	1 7	6 34	3 26	5 10	1 12	18 55	1 57	3 2	0 40	19 13	1 30	28 5	5 21	23 52	23 49	14 44		n.a.
S 13	18 44	21 1	3 3	24 23	2 7	13 29	1 5	6 34	3 26	5 5	1 11	18 52	1 57	3 1	0 40	19 13	1 30	28 5	5 21	23 52	23 49	14 46		n.a.
M14	18 28	23 16	1 57	24 7	2 8	13 1	1 3	6 34	3 27	5 0	1 11	18 50	1 58	3 0	0 40	19 14	1 30	28 4	5 21	23 52	23 49	14 48		n.a.
T 15	18 12	24 5	0 44	23 49	2 8	12 33	1 2	6 34	3 28	4 55	1 11	18 48	1 58	2 59	0 39	19 14	1 30	28 4	5 20	23 52	23 49	14 50		n.a.
W16	17 56	23 25	0 s30	23 29	2 8	12 5	1 0	6 35	3 28	4 50	1 11	18 46	1 58	2 58	0 39	19 15	1 30	28 4	5 20	23 52	23 49	14 52		n.a.
T 17	17 40	21 22	1 41	23 7	2 7	11 36	0 58	6 36	3 29	4 45	1 11	18 43	1 58	2 56	0 39	19 15	1 30	28 4	5 20	23 52	23 49	14 54		n.a.
F 18	17 23	18 11	2 46	22 43	2 6	11 7	0 56	6 37	3 29	4 40	1 11	18 41	1 58	2 55	0 39	19 16	1 30	28 4	5 20	23 52	23 48	14 56		n.a.
S 19	17 6	14 7	3 41	22 16	2 4	10 38	0 54	6 38	3 30	4 35	1 10	18 39	1 58	2 54	0 39	19 16	1 30	28 4	5 20	23 51	23 48	14 58		n.a.
S 20	16 49	9 28	4 23	21 48	2 2	10 8	0 52	6 40	3 30	4 30	1 10	18 37	1 58	2 53	0 39	19 17	1 30	28 4	5 20	23 51	23 48	15 0		n.a.
M21	16 31	4 31	4 51	21 18	1 59	9 38	0 50	6 41	3 30	4 24	1 10	18 34	1 58	2 52	0 39	19 17	1 30	28 3	5 20	23 51	23 48	15 2		n.a.
T 22	16 13	0 s31	5 5	20 45	1 56	9 8	0 48	6 43	3 31	4 19	1 10	18 32	1 58	2 51	0 39	19 18	1 30	28 3	5 20	23 50	23 48	15 4		n.a.
W23	15 55	5 26	5 4	20 11	1 52	8 38	0 45	6 46	3 31	4 14	1 10	18 30	1 58	2 49	0 39	19 18	1 30	28 3	5 20	23 50	23 48	15 6		n.a.
T 24	15 37	10 5	4 50	19 34	1 47	8 7	0 43	6 48	3 31	4 9	1 10	18 27	1 58	2 48	0 39	19 19	1 30	28 3	5 20	23 50	23 48	15 8		n.a.
F 25	15 18	14 18	4 23	18 55	1 42	7 37	0 41	6 51	3 31	4 3	1 9	18 25	1 58	2 47	0 39	19 19	1 30	28 3	5 20	23 50	23 47	15 10		n.a.
S 26	14 59	17 56	3 45	18 14	1 37	7 6	0 38	6 54	3 32	3 58	1 9	18 23	1 58	2 46	0 39	19 20	1 30	28 3	5 20	23 50	23 47	15 12		n.a.
S 27	14 40	20 51	2 58	17 31	1 30	6 35	0 36	6 58	3 32	3 53	1 9	18 21	1 58	2 45	0 39	19 20	1 30	28 3	5 20	23 50	23 47	15 14		n.a.
M28	14 s21	22 s53	2 s 2	16 s46	1 s24	6 s 4	0 s34	7n 2	3n32	3 s47	1 s 9	18 s18	1 s58	2 s43	0 s39	19n21	1n30	28n 3	5n20	23 s50	23 s47	15 s16		n.a.

Julian Day Number = 987301.5, Delta T = 13h06m41s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'58, Lahiri = -31°39'58 Julian Calendar 1 Feb. 2010 BCE == Greg. Calendar 15 Jan. 2010 BCE

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

MARCH 2010 BCE (-2009) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 25 19	23♒18'22	13♐46	21♒ 0	17♓25	20°R26	23♓28	15♒55	24♓48	10°R42	12°R34	24♐58	23♐54	29♎ 7	n.a.	T 1
W 2	9 29 16	24°16'50	26°10	23° 4	18°39	20♍16	23°41	16° 2	24°51	10♌40	12♊34	24°R58	23°51	29°14	n.a.	W 2
T 3	9 33 12	25°15'18	8♉55	25°10	19°52	20° 4	23°54	16°10	24°55	10°39	12°34	24°57	23°47	29°21	n.a.	T 3
F 4	9 37 9	26°13'43	22° 3	27°16	21° 5	19°52	24° 7	16°18	24°58	10°37	12°33	24°54	23°44	29°27	n.a.	F 4
S 5	9 41 5	27°12'06	5♒36	29°23	22°18	19°39	24°20	16°25	25° 1	10°36	12°33	24°48	23°41	29°34	n.a.	S 5
S 6	9 45 2	28°10'28	19°33	1♓30	23°31	19°26	24°33	16°33	25° 4	10°34	12°33	24°41	23°38	29°41	n.a.	S 6
M 7	9 48 58	29° 8'47	3♓50	3°38	24°44	19°12	24°47	16°41	25° 7	10°33	12°33	24°31	23°35	29°48	n.a.	M 7
T 8	9 52 55	0♓ 7'04	18°23	5°45	25°57	18°57	25° 0	16°48	25°10	10°31	12°33	24°21	23°32	29°54	n.a.	T 8
W 9	9 56 52	1° 5'20	3♈ 3	7°52	27° 9	18°41	25°13	16°56	25°14	10°30	12°33	24°11	23°28	0♏ 1	n.a.	W 9
T 10	10 0 48	2° 3'33	17°44	9°58	28°22	18°25	25°27	17° 3	25°17	10°28	12°33	24° 3	23°25	0° 8	n.a.	T 10
F 11	10 4 45	3° 1'44	2♉18	12° 3	29°35	18° 8	25°40	17°11	25°20	10°27	12°33	23°58	23°22	0°14	n.a.	F 11
S 12	10 8 41	3°59'53	16°40	14° 7	0♈48	17°51	25°54	17°18	25°24	10°25	12°32	23°54	23°19	0°21	n.a.	S 12
S 13	10 12 38	4°58'00	0♊49	16° 9	2° 0	17°33	26° 7	17°26	25°27	10°24	12°D32	23°D53	23°16	0°28	n.a.	S 13
M14	10 16 34	5°56'04	14°42	18° 9	3°13	17°15	26°21	17°33	25°30	10°22	12°32	23°53	23°13	0°34	n.a.	M14
T 15	10 20 31	6°54'07	28°20	20° 7	4°26	16°56	26°35	17°41	25°33	10°21	12°33	23°R53	23° 9	0°41	n.a.	T 15
W16	10 24 27	7°52'08	11♋44	22° 2	5°38	16°37	26°48	17°48	25°37	10°19	12°33	23°52	23° 6	0°48	n.a.	W16
T 17	10 28 24	8°50'06	24°56	23°55	6°51	16°18	27° 2	17°56	25°40	10°18	12°33	23°49	23° 3	0°55	n.a.	T 17
F 18	10 32 20	9°48'02	7♌57	25°44	8° 3	15°58	27°15	18° 3	25°44	10°16	12°33	23°43	23° 0	1° 1	n.a.	F 18
S 19	10 36 17	10°45'57	20°46	27°31	9°15	15°38	27°29	18°10	25°47	10°15	12°33	23°34	22°57	1° 8	n.a.	S 19
S 20	10 40 14	11°43'49	3♍24	29°14	10°28	15°17	27°43	18°18	25°50	10°14	12°33	23°23	22°53	1°15	n.a.	S 20
M21	10 44 10	12°41'40	15°52	0♈54	11°40	14°56	27°57	18°25	25°54	10°12	12°33	23°10	22°50	1°21	n.a.	M21
T 22	10 48 7	13°39'29	28° 9	2°30	12°52	14°35	28°10	18°32	25°57	10°11	12°34	22°57	22°47	1°28	n.a.	T 22
W23	10 52 3	14°37'16	10♎17	4° 2	14° 4	14°14	28°24	18°39	26° 1	10°10	12°34	22°44	22°44	1°35	n.a.	W23
T 24	10 56 0	15°35'02	22°16	5°30	15°16	13°53	28°38	18°47	26° 4	10° 8	12°34	22°33	22°41	1°41	n.a.	T 24
F 25	10 59 56	16°32'47	4♏ 8	6°55	16°28	13°32	28°52	18°54	26° 7	10° 7	12°34	22°25	22°38	1°48	n.a.	F 25
S 26	11 3 53	17°30'30	15°58	8°15	17°40	13°11	29° 6	19° 1	26°11	10° 6	12°35	22°19	22°34	1°55	n.a.	S 26
S 27	11 7 49	18°28'12	27°48	9°32	18°52	12°49	29°20	19° 8	26°14	10° 5	12°35	22°16	22°31	2° 1	n.a.	S 27
M28	11 11 46	19°25'53	9♐44	10°44	20° 4	12°28	29°33	19°15	26°18	10° 4	12°36	22°15	22°28	2° 8	n.a.	M28
T 29	11 15 42	20°23'32	21°51	11°53	21°16	12° 7	29°47	19°22	26°21	10° 2	12°36	22°14	22°25	2°15	n.a.	T 29
W30	11 19 39	21°21'10	4♉13	12°57	22°28	11°46	0♈ 1	19°29	26°25	10° 1	12°36	22°14	22°22	2°22	n.a.	W30
T 31	11 23 36	22♓18'47	16♉56	13♈57	23♈39	11♍25	0♈15	19♒36	26♓28	10♌ 0	12♊37	22♐13	22♐19	2♏28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	14s 1	23s54	1s 0	16s 0	1s16	5s33	0s31	7n 5	3n31	3s42	1s 9	18s16	1s58	2s42	0s39	19n21	1n30	28n 3	5n20	23s50	23s47	15s18			n.a.
W 2	13 42	23 46	0n 6	15 11	1 9	5 1	0 29	7 9	3 31	3 36	1 9	18 14	1 58	2 41	0 39	19 21	1 30	28 2	5 20	23 50	23 47	15 20			n.a.
T 3	13 22	22 23	1 14	14 20	1 0	4 30	0 26	7 14	3 31	3 31	1 8	18 11	1 58	2 39	0 39	19 22	1 30	28 2	5 20	23 50	23 47	15 22			n.a.
F 4	13 2	19 47	2 19	13 28	0 51	3 58	0 24	7 18	3 31	3 25	1 8	18 9	1 58	2 38	0 39	19 22	1 30	28 2	5 19	23 49	23 46	15 24			n.a.
S 5	12 41	16 3	3 19	12 34	0 42	3 26	0 21	7 23	3 30	3 20	1 8	18 7	1 59	2 37	0 39	19 23	1 30	28 2	5 19	23 49	23 46	15 26			n.a.
S 6	12 21	11 20	4 8	11 39	0 32	2 54	0 18	7 28	3 30	3 14	1 8	18 5	1 59	2 36	0 39	19 23	1 30	28 2	5 19	23 49	23 46	15 28			n.a.
M 7	12 0	5 54	4 44	10 43	0 22	2 22	0 16	7 33	3 29	3 9	1 8	18 2	1 59	2 34	0 39	19 24	1 30	28 2	5 19	23 49	23 46	15 30			n.a.
T 8	11 39	0 5	5 1	9 46	0 12	1 50	0 13	7 39	3 29	3 3	1 8	18 0	1 59	2 33	0 39	19 24	1 30	28 2	5 19	23 48	23 46	15 32			n.a.
W 9	11 18	5n48	4 59	8 48	0 1	1 18	0 10	7 44	3 28	2 58	1 8	17 58	1 59	2 32	0 39	19 24	1 30	28 2	5 19	23 48	23 46	15 34			n.a.
T 10	10 57	11 21	4 38	7 50	0n10	0 46	0 7	7 50	3 27	2 52	1 7	17 55	1 59	2 30	0 39	19 25	1 30	28 2	5 19	23 47	23 45	15 36			n.a.
F 11	10 36	16 14	3 58	6 51	0 21	0 14	0 5	7 56	3 26	2 47	1 7	17 53	1 59	2 29	0 39	19 25	1 30	28 2	5 19	23 47	23 45	15 38			n.a.
S 12	10 14	20 5	3 4	5 53	0 32	0n18	0 2	8 2	3 25	2 41	1 7	17 51	1 59	2 28	0 39	19 26	1 30	28 2	5 19	23 47	23 45	15 40			n.a.
S 13	9 53	22 41	1 59	4 55	0 43	0 50	0n 1	8 8	3 24	2 36	1 7	17 49	1 59	2 26	0 39	19 26	1 30	28 2	5 19	23 47	23 45	15 42			n.a.
M14	9 31	23 50	0 49	3 57	0 54	1 22	0 4	8 14	3 23	2 30	1 7	17 46	1 59	2 25	0 39	19 26	1 30	28 1	5 19	23 47	23 45	15 43			n.a.
T 15	9 9	23 31	0s24	3 0	1 5	1 54	0 7	8 20	3 21	2 24	1 7	17 44	1 59	2 24	0 39	19 27	1 30	28 1	5 19	23 47	23 45	15 45			n.a.
W16	8 47	21 51	1 33	2 4	1 16	2 26	0 9	8 26	3 20	2 19	1 7	17 42	2 0	2 22	0 39	19 27	1 30	28 1	5 19	23 47	23 44	15 47			n.a.
T 17	8 25	19 1	2 37	1 9	1 26	2 57	0 12	8 33	3 18	2 13	1 7	17 40	2 0	2 21	0 39	19 28	1 30	28 1	5 19	23 47	23 44	15 49			n.a.
F 18	8 3	15 16	3 31	0 15	1 36	3 29	0 15	8 39	3 17	2 7	1 6	17 37	2 0	2 19	0 39	19 28	1 30	28 1	5 19	23 46	23 44	15 51			n.a.
S 19	7 41	10 52	4 13	0n36	1 46	4 1	0 18	8 46	3 15	2 2	1 6	17 35	2 0	2 18	0 39	19 28	1 30	28 1	5 18	23 46	23 44	15 53			n.a.
S 20	7 18	6 5	4 43	1 26	1 55	4 33	0 21	8 52	3 13	1 56	1 6	17 33	2 0	2 17	0 39	19 29	1 30	28 1	5 18	23 45	23 44	15 55			n.a.
M21	6 56	1 7	4 58	2 15	2 3	5 4	0 24	8 59	3 11	1 50	1 6	17 31	2 0	2 15	0 39	19 29	1 30	28 1	5 18	23 45	23 44	15 57			n.a.
T 22	6 33	3s48	4 59	3 1	2 11	5 36	0 27	9 5	3 9	1 45	1 6	17 29	2 0	2 14	0 39	19 29	1 30	28 1	5 18	23 44	23 43	15 59			n.a.
W23	6 10	8 31	4 47	3 45	2 19	6 7	0 30	9 12	3 7	1 39	1 6	17 26	2 0	2 12	0 39	19 30	1 30	28 1	5 18	23 43	23 43	16 1			n.a.
T 24	5 48	12 52	4 22	4 26	2 25	6 38	0 33	9 18	3 5	1 33	1 6	17 24	2 1	2 11	0 39	19 30	1 30	28 1	5 18	23 43	23 43	16 2			n.a.
F 25	5 25	16 40	3 45	5 6	2 31	7 9	0 36	9 24	3 3	1 28	1 6	17 22	2 1	2 10	0 39	19 30	1 30	28 1	5 18	23 42	23 43	16 4			n.a.
S 26	5 2	19 48	2 59	5 43	2 36	7 40	0 39	9 30	3 0	1 22	1 6	17 20	2 1	2 8	0 39	19 31	1 30	28 1	5 18	23 42	23 43	16 6			n.a.
S 27	4 39	22 6	2 5	6 18	2 40	8 10	0 42	9 36	2 58	1 16	1 6	17 18	2 1	2 7	0 39	19 31	1 30	28 1	5 18	23 42	23 43	16 8			n.a.
M28	4 16	23 27	1 6	6 50	2 44	8 41	0 44	9 42	2 55	1 11	1 5	17 16	2 1	2 5	0 39	19 31	1 30	28 1	5 18	23 42	23 42	16 10			n.a.
T 29	3 53	23 42	0 2	7 20	2 46	9 11	0 47	9 48	2 53	1 5	1 5	17 14	2 1	2 4	0 39	19 32	1 30	28 1	5 18	23 42	23 42	16 12			n.a.
W30	3 30	22 48	1n 3	7 47	2 48	9 41	0 50	9 54	2 50	0 59	1 5	17 11	2 1	2 3	0 39	19 32	1 30	28 1	5 18	23 42	23 42	16 14			n.a.
T 31	3s 7	20s44	2n 7	8n12	2n49	10n11	0n53	10n 0	2n47	0s53	1s 5	17s 9	2s 2	2s 1	0s39	19n32	1n30	28n 1	5n18	23s41	23s42	16s15			n.a.

Julian Day Number = 987329.5, Delta T = 13h06m39s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'55, Lahiri = -31°39'54 Julian Calendar 1 March 2010 BCE == Greg. Calendar 12 Feb. 2010 BCE

The year -2009 astronomical counting style corresponds to year 2010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

APRIL 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 27 32	23♓16'23	0♒ 5	14♈52	24♈51	11°R 5	0♈29	19♒43	26♓32	9°R59	12♊37	22°R 9	22♐15	2♏35	n.a.	F 1
S 2	11 31 29	24°13'57	13°42	15°44	26° 3	10♍45	0°43	19°50	26°35	9♌58	12°38	22♐ 3	22°12	2°42	n.a.	S 2
S 3	11 35 25	25°11'31	27°48	16°30	27°14	10°25	0°57	19°57	26°39	9°57	12°38	21°55	22° 9	2°48	n.a.	S 3
M 4	11 39 22	26° 9'03	12♓19	17°12	28°26	10° 5	1°11	20° 3	26°42	9°56	12°39	21°45	22° 6	2°55	n.a.	M 4
T 5	11 43 18	27° 6'33	27°10	17°50	29°37	9°46	1°25	20°10	26°46	9°55	12°40	21°34	22° 3	3° 2	n.a.	T 5
W 6	11 47 15	28° 4'03	12♈11	18°23	0♉48	9°28	1°39	20°17	26°49	9°54	12°40	21°23	21°59	3° 8	n.a.	W 6
T 7	11 51 11	29° 1'31	27°14	18°51	2° 0	9°10	1°53	20°23	26°52	9°53	12°41	21°14	21°56	3°15	n.a.	T 7
F 8	11 55 8	29°58'58	12♉ 9	19°15	3°11	8°52	2° 7	20°30	26°56	9°52	12°42	21° 7	21°53	3°22	n.a.	F 8
S 9	11 59 5	0♈56'23	26°48	19°34	4°22	8°35	2°21	20°37	26°59	9°51	12°42	21° 3	21°50	3°28	n.a.	S 9
S 10	12 3 1	1°53'48	11♊ 8	19°48	5°33	8°19	2°35	20°43	27° 3	9°50	12°43	21° 2	21°47	3°35	n.a.	S 10
M11	12 6 58	2°51'10	25° 5	19°57	6°44	8° 3	2°49	20°49	27° 6	9°49	12°44	21°D 2	21°44	3°42	n.a.	M11
T 12	12 10 54	3°48'31	8♋42	20°R 1	7°55	7°48	3° 3	20°56	27°10	9°48	12°44	21°R 2	21°40	3°49	n.a.	T 12
W13	12 14 51	4°45'51	21°59	20° 1	9° 6	7°34	3°17	21° 2	27°13	9°48	12°45	21° 1	21°37	3°55	n.a.	W13
T 14	12 18 47	5°43'10	4♌58	19°57	10°17	7°20	3°31	21° 8	27°17	9°47	12°46	20°58	21°34	4° 2	n.a.	T 14
F 15	12 22 44	6°40'27	17°44	19°47	11°28	7° 7	3°45	21°15	27°20	9°46	12°47	20°52	21°31	4° 9	n.a.	F 15
S 16	12 26 40	7°37'43	0♍17	19°34	12°38	6°55	3°59	21°21	27°24	9°45	12°48	20°44	21°28	4°15	n.a.	S 16
S 17	12 30 37	8°34'57	12°40	19°17	13°49	6°44	4°13	21°27	27°27	9°45	12°49	20°33	21°24	4°22	n.a.	S 17
M18	12 34 34	9°32'11	24°54	18°56	15° 0	6°33	4°26	21°33	27°30	9°44	12°50	20°21	21°21	4°29	n.a.	M18
T 19	12 38 30	10°29'24	6♎59	18°32	16°10	6°23	4°40	21°39	27°34	9°43	12°51	20° 9	21°18	4°35	n.a.	T 19
W20	12 42 27	11°26'36	18°59	18° 5	17°20	6°14	4°54	21°45	27°37	9°43	12°51	19°57	21°15	4°42	n.a.	W20
T 21	12 46 23	12°23'47	0♏52	17°36	18°31	6° 6	5° 8	21°51	27°41	9°42	12°52	19°47	21°12	4°49	n.a.	T 21
F 22	12 50 20	13°20'57	12°42	17° 5	19°41	5°59	5°22	21°57	27°44	9°42	12°53	19°39	21° 9	4°55	n.a.	F 22
S 23	12 54 16	14°18'07	24°31	16°32	20°51	5°52	5°36	22° 2	27°47	9°41	12°54	19°33	21° 5	5° 2	n.a.	S 23
S 24	12 58 13	15°15'16	6♐22	15°59	22° 1	5°46	5°50	22° 8	27°51	9°41	12°55	19°30	21° 2	5° 9	n.a.	S 24
M25	13 2 9	16°12'25	18°18	15°25	23°11	5°41	6° 4	22°14	27°54	9°40	12°57	19°D29	20°59	5°15	n.a.	M25
T 26	13 6 6	17° 9'33	0♑25	14°52	24°21	5°37	6°18	22°19	27°58	9°40	12°58	19°30	20°56	5°22	n.a.	T 26
W27	13 10 3	18° 6'41	12°46	14°19	25°31	5°34	6°31	22°25	28° 1	9°40	12°59	19°R30	20°53	5°29	n.a.	W27
T 28	13 13 59	19° 3'49	25°27	13°48	26°41	5°31	6°45	22°30	28° 4	9°39	13° 0	19°30	20°50	5°36	n.a.	T 28
F 29	13 17 56	20° 0'56	8♒33	13°19	27°50	5°30	6°59	22°35	28° 7	9°39	13° 1	19°29	20°46	5°42	n.a.	F 29
S 30	13 21 52	20♈58'03	22♒ 7	12♈53	29♉ 0	5♍29	7♈13	22♒41	28♓11	9♌39	13♊ 2	19♐25	20♐43	5♏49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s43	17s31	3n 6	8n34	2n49	10n41	0n56	10n 5	2n44	0s48	1s 5	17s 7	2s 2	2s 0	0s39	19n33	1n30	28n 1	5n18	23s41	23s42	16s17		n.a.
S 2	2 20	13 16	3 57	8 53	2 48	11 10	0 59	10 10	2 42	0 42	1 5	17 5	2 2	1 58	0 39	19 33	1 30	28 1	5 17	23 41	23 41	16 19		n.a.
S 3	1 57	8 11	4 35	9 10	2 46	11 39	1 2	10 15	2 39	0 36	1 5	17 3	2 2	1 57	0 39	19 33	1 30	28 1	5 17	23 40	23 41	16 21		n.a.
M 4	1 34	2 31	4 57	9 23	2 43	12 8	1 4	10 20	2 36	0 30	1 5	17 1	2 2	1 56	0 39	19 33	1 30	28 1	5 17	23 40	23 41	16 23		n.a.
T 5	1 10	3n24	4 59	9 35	2 39	12 36	1 7	10 24	2 32	0 25	1 5	16 59	2 2	1 54	0 39	19 34	1 30	28 1	5 17	23 39	23 41	16 25		n.a.
W 6	0 47	9 13	4 41	9 43	2 34	13 5	1 10	10 29	2 29	0 19	1 5	16 57	2 3	1 53	0 39	19 34	1 30	28 1	5 17	23 38	23 41	16 26		n.a.
T 7	0 24	14 28	4 4	9 48	2 28	13 33	1 13	10 33	2 26	0 13	1 5	16 55	2 3	1 51	0 39	19 34	1 30	28 1	5 17	23 38	23 40	16 28		n.a.
F 8	0 0	18 48	3 10	9 51	2 21	14 0	1 15	10 36	2 23	0 8	1 5	16 53	2 3	1 50	0 39	19 34	1 30	28 1	5 17	23 37	23 40	16 30		n.a.
S 9	0n23	21 51	2 4	9 51	2 13	14 27	1 18	10 40	2 20	0 2	1 4	16 51	2 3	1 49	0 39	19 35	1 30	28 1	5 17	23 37	23 40	16 32		n.a.
S 10	0 46	23 26	0 52	9 48	2 4	14 54	1 21	10 43	2 16	0n 4	1 4	16 49	2 3	1 47	0 39	19 35	1 30	28 1	5 17	23 37	23 40	16 34		n.a.
M11	1 9	23 28	0s22	9 42	1 54	15 21	1 23	10 46	2 13	0 10	1 4	16 47	2 3	1 46	0 39	19 35	1 30	28 1	5 17	23 37	23 40	16 36		n.a.
T 12	1 33	22 6	1 32	9 34	1 43	15 47	1 26	10 49	2 10	0 15	1 4	16 45	2 4	1 44	0 39	19 35	1 29	28 1	5 17	23 37	23 39	16 37		n.a.
W13	1 56	19 31	2 36	9 23	1 31	16 13	1 28	10 51	2 6	0 21	1 4	16 43	2 4	1 43	0 39	19 35	1 29	28 1	5 17	23 37	23 39	16 39		n.a.
T 14	2 19	16 0	3 30	9 9	1 18	16 38	1 31	10 53	2 3	0 27	1 4	16 42	2 4	1 41	0 39	19 36	1 29	28 1	5 17	23 37	23 39	16 41		n.a.
F 15	2 42	11 49	4 13	8 53	1 4	17 3	1 33	10 55	1 59	0 32	1 4	16 40	2 4	1 40	0 39	19 36	1 29	28 1	5 17	23 36	23 39	16 43		n.a.
S 16	3 5	7 12	4 43	8 34	0 50	17 28	1 36	10 56	1 56	0 38	1 4	16 38	2 4	1 39	0 39	19 36	1 29	28 1	5 17	23 36	23 39	16 44		n.a.
S 17	3 28	2 21	4 59	8 14	0 35	17 52	1 38	10 57	1 53	0 44	1 4	16 36	2 5	1 37	0 39	19 36	1 29	28 1	5 17	23 35	23 38	16 46		n.a.
M18	3 51	2s31	5 1	7 51	0 19	18 15	1 40	10 58	1 49	0 49	1 4	16 34	2 5	1 36	0 39	19 36	1 29	28 1	5 16	23 34	23 38	16 48		n.a.
T 19	4 14	7 14	4 49	7 27	0 2	18 39	1 42	10 59	1 46	0 55	1 4	16 32	2 5	1 35	0 39	19 36	1 29	28 2	5 16	23 33	23 38	16 50		n.a.
W20	4 37	11 38	4 24	7 1	0s14	19 1	1 45	10 59	1 42	1 1	1 4	16 31	2 5	1 33	0 39	19 36	1 29	28 2	5 16	23 32	23 38	16 51		n.a.
T 21	5 0	15 34	3 48	6 34	0 31	19 24	1 47	10 59	1 39	1 6	1 4	16 29	2 5	1 32	0 39	19 37	1 29	28 2	5 16	23 31	23 38	16 53		n.a.
F 22	5 22	18 51	3 3	6 6	0 48	19 45	1 49	10 59	1 35	1 12	1 4	16 27	2 6	1 30	0 39	19 37	1 29	28 2	5 16	23 31	23 37	16 55		n.a.
S 23	5 45	21 22	2 9	5 38	1 5	20 7	1 51	10 58	1 32	1 18	1 4	16 25	2 6	1 29	0 39	19 37	1 29	28 2	5 16	23 30	23 37	16 57		n.a.
S 24	6 7	22 57	1 10	5 10	1 21	20 27	1 53	10 57	1 29	1 23	1 4	16 24	2 6	1 28	0 39	19 37	1 29	28 2	5 16	23 30	23 37	16 58		n.a.
M25	6 30	23 30	0 6	4 42	1 38	20 48	1 55	10 56	1 25	1 29	1 4	16 22	2 6	1 26	0 39	19 37	1 29	28 2	5 16	23 30	23 37	17 0		n.a.
T 26	6 52	22 57	0n58	4 14	1 53	21 7	1 57	10 54	1 22	1 35	1 4	16 20	2 6	1 25	0 39	19 37	1 29	28 2	5 16	23 30	23 36	17 2		n.a.
W27	7 15	21 17	2 1	3 47	2 8	21 26	1 58	10 52	1 19	1 40	1 4	16 19	2 7	1 24	0 39	19 37	1 29	28 2	5 16	23 30	23 36	17 4		n.a.
T 28	7 37	18 32	3 0	3 22	2 22	21 45	2 0	10 50	1 15	1 46	1 4	16 17	2 7	1 22	0 39	19 37	1 29	28 2	5 16	23 30	23 36	17 5		n.a.
F 29	7 59	14 46	3 52	2 59	2 36	22 3	2 2	10 48	1 12	1 51	1 3	16 16	2 7	1 21	0 39	19 37	1 29	28 2	5 16	23 30	23 36	17 7		n.a.
S 30	8n21	10s 8	4n32	2n37	2s48	22n20	2n 3	10n45	1n 9	1n57	1s 3	16s14	2s 7	1s20	0s39	19n37	1n29	28n 3	5n16	23s30	23s36	17s 9		n.a.

Julian Day Number = 987360.5, Delta T = 13h06m37s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'50, Lahiri = -31°39'50 Julian Calendar 1 Apr. 2010 BCE == Greg. Calendar 15 March 2010 BCE

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

MAY 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 25 49	21♈55'09	6♓10	12°R29	0♊ 9	5°D29	7♈26	22♒46	28♓14	9°R38	13♊ 3	19°R19	20♐40	5♏56	n.a.	S 1
M 2	13 29 45	22°52'16	20°40	12♈ 9	1°19	5♍30	7°40	22°51	28°17	9♌38	13° 5	19♐12	20°37	6° 2	n.a.	M 2
T 3	13 33 42	23°49'22	5♈35	11°52	2°28	5°31	7°54	22°56	28°20	9°38	13° 6	19° 4	20°34	6° 9	n.a.	T 3
W 4	13 37 39	24°46'28	20°44	11°39	3°37	5°34	8° 7	23° 1	28°24	9°38	13° 7	18°56	20°30	6°16	n.a.	W 4
T 5	13 41 35	25°43'33	5♉59	11°31	4°46	5°37	8°21	23° 6	28°27	9°38	13° 8	18°49	20°27	6°22	n.a.	T 5
F 6	13 45 32	26°40'39	21° 8	11°D27	5°55	5°41	8°35	23°11	28°30	9°37	13°10	18°44	20°24	6°29	n.a.	F 6
S 7	13 49 28	27°37'44	6♊ 2	11°27	7° 4	5°46	8°48	23°16	28°33	9°37	13°11	18°42	20°21	6°36	n.a.	S 7
S 8	13 53 25	28°34'48	20°35	11°32	8°13	5°51	9° 2	23°20	28°36	9°37	13°12	18°D41	20°18	6°42	n.a.	S 8
M 9	13 57 21	29°31'52	4♋44	11°41	9°22	5°58	9°15	23°25	28°39	9°D37	13°13	18°42	20°15	6°49	n.a.	M 9
T 10	14 1 18	0♉28'56	18°26	11°56	10°30	6° 5	9°29	23°29	28°43	9°37	13°15	18°43	20°11	6°56	n.a.	T 10
W11	14 5 14	1°25'59	1♌45	12°15	11°39	6°13	9°42	23°34	28°46	9°37	13°16	18°R43	20° 8	7° 2	n.a.	W11
T 12	14 9 11	2°23'01	14°42	12°39	12°47	6°21	9°55	23°38	28°49	9°38	13°18	18°43	20° 5	7° 9	n.a.	T 12
F 13	14 13 8	3°20'03	27°21	13° 7	13°56	6°31	10° 9	23°42	28°52	9°38	13°19	18°40	20° 2	7°16	n.a.	F 13
S 14	14 17 4	4°17'05	9♍46	13°40	15° 4	6°41	10°22	23°47	28°55	9°38	13°20	18°35	19°59	7°22	n.a.	S 14
S 15	14 21 1	5°14'06	21°58	14°18	16°12	6°51	10°35	23°51	28°58	9°38	13°22	18°29	19°55	7°29	n.a.	S 15
M16	14 24 57	6°11'08	4♎ 2	15° 0	17°20	7° 3	10°49	23°55	29° 1	9°38	13°23	18°22	19°52	7°36	n.a.	M16
T 17	14 28 54	7° 8'09	16° 0	15°47	18°27	7°15	11° 2	23°59	29° 3	9°38	13°25	18°14	19°49	7°42	n.a.	T 17
W18	14 32 50	8° 5'10	27°53	16°38	19°35	7°28	11°15	24° 3	29° 6	9°39	13°26	18° 7	19°46	7°49	n.a.	W18
T 19	14 36 47	9° 2'12	9♏43	17°33	20°42	7°41	11°28	24° 6	29° 9	9°39	13°28	18° 1	19°43	7°56	n.a.	T 19
F 20	14 40 44	9°59'13	21°33	18°33	21°50	7°55	11°41	24°10	29°12	9°39	13°29	17°57	19°40	8° 3	n.a.	F 20
S 21	14 44 40	10°56'15	3♐24	19°37	22°57	8°10	11°54	24°14	29°15	9°40	13°31	17°54	19°36	8° 9	n.a.	S 21
S 22	14 48 37	11°53'17	15°18	20°45	24° 4	8°25	12° 7	24°17	29°18	9°40	13°32	17°D53	19°33	8°16	n.a.	S 22
M23	14 52 33	12°50'20	27°20	21°58	25°11	8°41	12°20	24°21	29°20	9°41	13°34	17°53	19°30	8°23	n.a.	M23
T 24	14 56 30	13°47'23	9♑31	23°14	26°18	8°58	12°33	24°24	29°23	9°41	13°35	17°54	19°27	8°29	n.a.	T 24
W25	15 0 26	14°44'27	21°56	24°35	27°25	9°15	12°46	24°27	29°26	9°42	13°37	17°56	19°24	8°36	n.a.	W25
T 26	15 4 23	15°41'31	4♒38	25°59	28°31	9°32	12°59	24°30	29°28	9°42	13°38	17°57	19°21	8°43	n.a.	T 26
F 27	15 8 19	16°38'36	17°42	27°27	29°37	9°51	13°11	24°33	29°31	9°43	13°40	17°R58	19°17	8°49	n.a.	F 27
S 28	15 12 16	17°35'42	1♓11	28°59	0♋44	10° 9	13°24	24°36	29°34	9°43	13°42	17°57	19°14	8°56	n.a.	S 28
S 29	15 16 13	18°32'48	15° 6	0♉35	1°50	10°29	13°36	24°39	29°36	9°44	13°43	17°55	19°11	9° 3	n.a.	S 29
M30	15 20 9	19°29'55	29°27	2°15	2°56	10°49	13°49	24°42	29°39	9°45	13°45	17°52	19° 8	9° 9	n.a.	M30
T 31	15 24 6	20♉27'03	14♈11	3♉58	4♋ 1	11♍ 9	14♈ 2	24♒44	29♓41	9♌45	13♊47	17♐48	19♐ 5	9♏16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	8n42	4s50	4n58	2n17	2s59	22n37	2n 5	10n42	1n 6	2n 3	1s 3	16s12	2s 8	1s18	0s39	19n37	1n29	28n 3	5n16	23s29	23s35	17s11			n.a.
M 2	9 4	0n54	5 6	2 0	3 9	22 53	2 6	10 39	1 2	2 8	1 3	16 11	2 8	1 17	0 39	19 37	1 29	28 3	5 16	23 29	23 35	17 12			n.a.
T 3	9 26	6 44	4 53	1 45	3 18	23 9	2 7	10 35	0 59	2 14	1 3	16 9	2 8	1 16	0 39	19 37	1 29	28 3	5 16	23 28	23 35	17 14			n.a.
W 4	9 47	12 15	4 20	1 33	3 26	23 24	2 8	10 32	0 56	2 19	1 3	16 8	2 8	1 14	0 39	19 37	1 29	28 3	5 16	23 27	23 35	17 16			n.a.
T 5	10 8	17 3	3 29	1 24	3 32	23 39	2 10	10 27	0 53	2 25	1 3	16 7	2 8	1 13	0 39	19 37	1 29	28 3	5 16	23 27	23 34	17 17			n.a.
F 6	10 29	20 42	2 23	1 17	3 38	23 52	2 11	10 23	0 50	2 30	1 3	16 5	2 9	1 12	0 39	19 37	1 29	28 3	5 16	23 26	23 34	17 19			n.a.
S 7	10 50	22 52	1 8	1 14	3 42	24 5	2 12	10 18	0 47	2 35	1 3	16 4	2 9	1 11	0 39	19 37	1 29	28 4	5 16	23 26	23 34	17 21			n.a.
S 8	11 11	23 25	0s10	1 13	3 45	24 18	2 12	10 14	0 44	2 41	1 3	16 2	2 9	1 9	0 39	19 37	1 29	28 4	5 16	23 26	23 34	17 22			n.a.
M 9	11 32	22 25	1 25	1 15	3 46	24 30	2 13	10 8	0 41	2 46	1 3	16 1	2 9	1 8	0 39	19 37	1 29	28 4	5 16	23 26	23 33	17 24			n.a.
T 10	11 52	20 6	2 34	1 20	3 47	24 41	2 14	10 3	0 38	2 52	1 3	16 0	2 10	1 7	0 39	19 37	1 28	28 4	5 16	23 26	23 33	17 26			n.a.
W11	12 13	16 45	3 31	1 28	3 46	24 51	2 15	9 57	0 35	2 57	1 3	15 59	2 10	1 6	0 39	19 37	1 28	28 4	5 16	23 26	23 33	17 27			n.a.
T 12	12 33	12 40	4 16	1 39	3 45	25 1	2 15	9 52	0 32	3 3	1 3	15 57	2 10	1 4	0 39	19 37	1 28	28 4	5 16	23 26	23 33	17 29			n.a.
F 13	12 53	8 8	4 48	1 53	3 42	25 10	2 15	9 45	0 29	3 8	1 3	15 56	2 10	1 3	0 39	19 37	1 28	28 4	5 16	23 26	23 32	17 31			n.a.
S 14	13 12	3 22	5 5	2 9	3 39	25 19	2 16	9 39	0 27	3 13	1 3	15 55	2 11	1 2	0 39	19 37	1 28	28 5	5 16	23 25	23 32	17 32			n.a.
S 15	13 32	1s27	5 8	2 28	3 34	25 27	2 16	9 32	0 24	3 18	1 3	15 54	2 11	1 1	0 39	19 37	1 28	28 5	5 15	23 25	23 32	17 34			n.a.
M16	13 51	6 10	4 57	2 49	3 29	25 34	2 16	9 26	0 21	3 24	1 3	15 53	2 11	1 0	0 39	19 37	1 28	28 5	5 15	23 24	23 32	17 36			n.a.
T 17	14 10	10 36	4 34	3 13	3 23	25 40	2 16	9 19	0 18	3 29	1 3	15 52	2 12	0 58	0 39	19 37	1 28	28 5	5 15	23 24	23 32	17 37			n.a.
W18	14 29	14 37	3 58	3 39	3 16	25 46	2 16	9 11	0 16	3 34	1 3	15 51	2 12	0 57	0 39	19 37	1 28	28 5	5 15	23 23	23 31	17 39			n.a.
T 19	14 48	18 3	3 13	4 8	3 9	25 51	2 16	9 4	0 13	3 39	1 3	15 49	2 12	0 56	0 39	19 36	1 28	28 6	5 15	23 22	23 31	17 40			n.a.
F 20	15 6	20 44	2 18	4 38	3 0	25 55	2 15	8 56	0 11	3 45	1 3	15 48	2 12	0 55	0 39	19 36	1 28	28 6	5 15	23 22	23 31	17 42			n.a.
S 21	15 25	22 32	1 18	5 11	2 52	25 59	2 15	8 48	0 8	3 50	1 3	15 48	2 13	0 54	0 39	19 36	1 28	28 6	5 15	23 22	23 31	17 44			n.a.
S 22	15 43	23 20	0 14	5 46	2 42	26 2	2 14	8 40	0 6	3 55	1 3	15 47	2 13	0 53	0 39	19 36	1 28	28 6	5 15	23 22	23 30	17 45			n.a.
M23	16 0	23 2	0n51	6 22	2 32	26 4	2 14	8 32	0 3	4 0	1 3	15 46	2 13	0 52	0 39	19 36	1 28	28 6	5 15	23 22	23 30	17 47			n.a.
T 24	16 18	21 39	1 56	7 1	2 22	26 5	2 13	8 23	0 1	4 5	1 3	15 45	2 13	0 51	0 39	19 36	1 28	28 6	5 15	23 22	23 30	17 48			n.a.
W25	16 35	19 13	2 56	7 41	2 11	26 6	2 12	8 14	0s 1	4 10	1 3	15 44	2 14	0 50	0 39	19 35	1 28	28 7	5 15	23 22	23 29	17 50			n.a.
T 26	16 52	15 48	3 48	8 22	2 0	26 6	2 11	8 5	0 4	4 15	1 3	15 43	2 14	0 48	0 39	19 35	1 28	28 7	5 15	23 22	23 29	17 52			n.a.
F 27	17 9	11 32	4 31	9 5	1 49	26 5	2 10	7 56	0 6	4 20	1 3	15 42	2 14	0 47	0 39	19 35	1 28	28 7	5 15	23 22	23 29	17 53			n.a.
S 28	17 25	6 36	5 0	9 50	1 37	26 4	2 9	7 47	0 8	4 25	1 3	15 42	2 15	0 46	0 39	19 35	1 28	28 7	5 15	23 22	23 29	17 55			n.a.
S 29	17 42	1 11	5 13	10 35	1 25	26 2	2 7	7 37	0 11	4 30	1 3	15 41	2 15	0 45	0 39	19 35	1 28	28 8	5 15	23 22	23 28	17 56			n.a.
M30	17 58	4n27	5 7	11 22	1 13	25 59	2 6	7 28	0 13	4 35	1 3	15 40	2 15	0 44	0 39	19 34	1 28	28 8	5 15	23 21	23 28	17 58			n.a.
T 31	18n13	10n 0	4n41	12n 9	1s 1	25n56	2n 4	7n18	0s15	4n40	1s 3	15s40	2s15	0s43	0s39	19n34	1n28	28n 8	5n15	23s21	23s28	17s59			n.a.

Julian Day Number = 987390.5, Delta T = 13h06m35s
Ecliptic obliquity = 23°55'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'46, Lahiri = -31°39'46 Julian Calendar 1 May 2010 BCE == Greg. Calendar 14 Apr. 2010 BCE

The year -2009 astronomical counting style corresponds to year 2010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

JUNE 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 28 2	21♉24'11	29♈12	5♉44	5♋ 7	11♍30	14♈14	24♒47	29♓44	9♎46	13♊48	17°R45	19♐ 1	9♏23	n.a.	W 1
T 2	15 31 59	22°21'21	14♉23	7°33	6°12	11°51	14°26	24°50	29°46	9°47	13°50	17♐42	18°58	9°29	n.a.	T 2
F 3	15 35 55	23°18'31	29°33	9°26	7°17	12°13	14°39	24°52	29°48	9°48	13°51	17°40	18°55	9°36	n.a.	F 3
S 4	15 39 52	24°15'42	14♊33	11°21	8°22	12°36	14°51	24°54	29°51	9°48	13°53	17°D39	18°52	9°43	n.a.	S 4
S 5	15 43 49	25°12'53	29°14	13°18	9°27	12°59	15° 3	24°56	29°53	9°49	13°55	17°39	18°49	9°49	n.a.	S 5
M 6	15 47 45	26°10'05	13♋32	15°18	10°32	13°22	15°15	24°58	29°55	9°50	13°57	17°40	18°46	9°56	n.a.	M 6
T 7	15 51 42	27° 7'18	27°24	17°20	11°36	13°46	15°27	25° 0	29°58	9°51	13°58	17°42	18°42	10° 3	n.a.	T 7
W 8	15 55 38	28° 4'31	10♌49	19°23	12°40	14°10	15°39	25° 2	29°59	9°52	14° 0	17°43	18°39	10° 9	n.a.	W 8
T 9	15 59 35	29° 1'44	23°50	21°28	13°44	14°35	15°51	25° 4	0♈ 2	9°53	14° 2	17°R44	18°36	10°16	n.a.	T 9
F 10	16 3 31	29°58'58	6♍30	23°33	14°48	15° 0	16° 3	25° 6	0° 4	9°54	14° 3	17°43	18°33	10°23	n.a.	F 10
S 11	16 7 28	0♊56'13	18°52	25°39	15°52	15°26	16°14	25° 7	0° 6	9°55	14° 5	17°43	18°30	10°29	n.a.	S 11
S 12	16 11 25	1°53'28	1♎ 0	27°46	16°55	15°52	16°26	25° 9	0° 8	9°56	14° 7	17°41	18°27	10°36	n.a.	S 12
M13	16 15 21	2°50'44	12°59	29°53	17°58	16°18	16°38	25°10	0°10	9°57	14° 8	17°39	18°23	10°43	n.a.	M13
T 14	16 19 18	3°48'01	24°52	1♊59	19° 1	16°45	16°49	25°11	0°12	9°58	14°10	17°37	18°20	10°49	n.a.	T 14
W15	16 23 14	4°45'19	6♏42	4° 5	20° 3	17°12	17° 1	25°12	0°14	9°59	14°12	17°35	18°17	10°56	n.a.	W15
T 16	16 27 11	5°42'38	18°32	6°10	21° 5	17°40	17°12	25°13	0°16	10° 1	14°14	17°34	18°14	11° 3	n.a.	T 16
F 17	16 31 7	6°39'57	0♐24	8°15	22° 7	18° 8	17°23	25°14	0°18	10° 2	14°15	17°32	18°11	11°10	n.a.	F 17
S 18	16 35 4	7°37'18	12°21	10°18	23° 9	18°36	17°34	25°15	0°20	10° 3	14°17	17°D32	18° 7	11°16	n.a.	S 18
S 19	16 39 0	8°34'40	24°25	12°20	24°10	19° 5	17°45	25°16	0°21	10° 4	14°19	17°32	18° 4	11°23	n.a.	S 19
M20	16 42 57	9°32'04	6♑37	14°22	25°12	19°34	17°56	25°17	0°23	10° 6	14°21	17°32	18° 1	11°30	n.a.	M20
T 21	16 46 54	10°29'28	19° 0	16°21	26°12	20° 3	18° 7	25°17	0°25	10° 7	14°22	17°33	17°58	11°36	n.a.	T 21
W22	16 50 50	11°26'54	1♒36	18°20	27°13	20°33	18°18	25°18	0°26	10° 8	14°24	17°34	17°55	11°43	n.a.	W22
T 23	16 54 47	12°24'22	14°27	20°17	28°13	21° 3	18°29	25°18	0°28	10°10	14°26	17°34	17°52	11°50	n.a.	T 23
F 24	16 58 43	13°21'51	27°35	22°13	29°13	21°33	18°40	25°18	0°30	10°11	14°28	17°35	17°48	11°56	n.a.	F 24
S 25	17 2 40	14°19'21	11♓ 2	24° 7	0♌12	22° 4	18°50	25°R18	0°31	10°12	14°30	17°R35	17°45	12° 3	n.a.	S 25
S 26	17 6 36	15°16'53	24°51	26° 0	1°11	22°35	19° 0	25°18	0°33	10°14	14°31	17°35	17°42	12°10	n.a.	S 26
M27	17 10 33	16°14'27	8♈59	27°51	2°10	23° 6	19°11	25°18	0°34	10°15	14°33	17°35	17°39	12°16	n.a.	M27
T 28	17 14 29	17°12'03	23°27	29°40	3° 8	23°37	19°21	25°18	0°35	10°17	14°35	17°D35	17°36	12°23	n.a.	T 28
W29	17 18 26	18° 9'40	8♉10	1♋29	4° 6	24° 9	19°31	25°17	0°37	10°18	14°37	17°35	17°33	12°30	n.a.	W29
T 30	17 22 23	19♊ 7'19	23♉ 3	3♋15	5♌ 4	24♍41	19♈41	25♒17	0♈38	10♌20	14♊38	17♐35	17♐29	12♏36	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n29	15n 4	3n55	12n56	0s48	25n52	2n 3	7n 8	0s17	4n45	1s 3	15s39	2s16	0s42	0s39	19n34	1n28	28n 8	5n16	23s21	23s28	18s 1		n.a.
T 2	18 44	19 13	2 53	13 44	0 36	25 47	2 1	6 58	0 19	4 50	1 4	15 38	2 16	0 41	0 39	19 34	1 28	28 8	5 16	23 21	23 27	18 3		n.a.
F 3	18 59	22 3	1 38	14 33	0 24	25 42	1 59	6 47	0 21	4 55	1 4	15 38	2 16	0 40	0 39	19 34	1 28	28 9	5 16	23 20	23 27	18 4		n.a.
S 4	19 13	23 18	0 17	15 21	0 12	25 36	1 57	6 37	0 23	4 59	1 4	15 37	2 17	0 40	0 39	19 33	1 28	28 9	5 16	23 20	23 27	18 6		n.a.
S 5	19 27	22 52	1s 3	16 8	0 1	25 29	1 54	6 26	0 25	5 4	1 4	15 37	2 17	0 39	0 39	19 33	1 27	28 9	5 16	23 20	23 27	18 7		n.a.
M 6	19 41	20 56	2 18	16 55	0n10	25 22	1 52	6 15	0 27	5 9	1 4	15 36	2 17	0 38	0 39	19 33	1 27	28 9	5 16	23 20	23 26	18 9		n.a.
T 7	19 55	17 48	3 22	17 41	0 21	25 14	1 50	6 4	0 29	5 14	1 4	15 36	2 17	0 37	0 39	19 32	1 27	28 10	5 16	23 21	23 26	18 10		n.a.
W 8	20 8	13 49	4 13	18 26	0 32	25 5	1 47	5 52	0 31	5 18	1 4	15 36	2 18	0 36	0 39	19 32	1 27	28 10	5 16	23 21	23 26	18 12		n.a.
T 9	20 21	9 18	4 49	19 10	0 42	24 56	1 44	5 41	0 33	5 23	1 4	15 35	2 18	0 35	0 39	19 32	1 27	28 10	5 16	23 21	23 25	18 13		n.a.
F 10	20 33	4 31	5 10	19 52	0 51	24 46	1 41	5 29	0 35	5 27	1 4	15 35	2 18	0 34	0 39	19 32	1 27	28 10	5 16	23 21	23 25	18 15		n.a.
S 11	20 46	0s20	5 16	20 32	1 0	24 35	1 38	5 18	0 37	5 32	1 4	15 35	2 19	0 33	0 39	19 31	1 27	28 11	5 16	23 21	23 25	18 16		n.a.
S 12	20 58	5 5	5 7	21 10	1 8	24 24	1 35	5 6	0 38	5 37	1 4	15 35	2 19	0 33	0 39	19 31	1 27	28 11	5 16	23 20	23 25	18 18		n.a.
M13	21 9	9 36	4 46	21 45	1 15	24 12	1 32	4 54	0 40	5 41	1 4	15 34	2 19	0 32	0 39	19 31	1 27	28 11	5 16	23 20	23 24	18 19		n.a.
T 14	21 20	13 42	4 12	22 19	1 22	24 0	1 28	4 42	0 42	5 45	1 4	15 34	2 20	0 31	0 39	19 30	1 27	28 11	5 16	23 20	23 24	18 21		n.a.
W15	21 31	17 17	3 27	22 50	1 28	23 47	1 25	4 29	0 44	5 50	1 4	15 34	2 20	0 30	0 39	19 30	1 27	28 12	5 16	23 20	23 24	18 22		n.a.
T 16	21 42	20 9	2 34	23 18	1 33	23 34	1 21	4 17	0 45	5 54	1 4	15 34	2 20	0 30	0 39	19 29	1 27	28 12	5 16	23 20	23 23	18 24		n.a.
F 17	21 52	22 10	1 34	23 44	1 38	23 20	1 17	4 4	0 47	5 59	1 4	15 34	2 20	0 29	0 39	19 29	1 27	28 12	5 16	23 20	23 23	18 25		n.a.
S 18	22 1	23 12	0 29	24 7	1 41	23 6	1 13	3 51	0 49	6 3	1 4	15 34	2 21	0 28	0 40	19 29	1 27	28 12	5 16	23 20	23 23	18 27		n.a.
S 19	22 11	23 10	0n38	24 28	1 45	22 51	1 9	3 38	0 50	6 7	1 4	15 34	2 21	0 27	0 40	19 28	1 27	28 13	5 16	23 20	23 23	18 28		n.a.
M20	22 20	22 1	1 44	24 45	1 47	22 35	1 5	3 25	0 52	6 11	1 4	15 34	2 21	0 27	0 40	19 28	1 27	28 13	5 16	23 20	23 22	18 30		n.a.
T 21	22 28	19 49	2 46	25 1	1 49	22 19	1 0	3 12	0 53	6 15	1 4	15 34	2 22	0 26	0 40	19 28	1 27	28 13	5 16	23 20	23 22	18 31		n.a.
W22	22 37	16 37	3 41	25 14	1 50	22 3	0 56	2 59	0 55	6 20	1 4	15 34	2 22	0 25	0 40	19 27	1 27	28 14	5 16	23 20	23 22	18 33		n.a.
T 23	22 44	12 35	4 26	25 24	1 51	21 46	0 51	2 46	0 56	6 24	1 5	15 35	2 22	0 25	0 40	19 27	1 27	28 14	5 16	23 20	23 21	18 34		n.a.
F 24	22 52	7 54	4 59	25 32	1 51	21 29	0 46	2 32	0 58	6 28	1 5	15 35	2 23	0 24	0 40	19 26	1 27	28 14	5 17	23 20	23 21	18 35		n.a.
S 25	22 59	2 43	5 16	25 37	1 50	21 11	0 41	2 19	0 59	6 32	1 5	15 35	2 23	0 24	0 40	19 26	1 27	28 14	5 17	23 20	23 21	18 37		n.a.
S 26	23 6	2n43	5 15	25 40	1 49	20 53	0 36	2 5	1 0	6 36	1 5	15 35	2 23	0 23	0 40	19 26	1 27	28 15	5 17	23 20	23 21	18 38		n.a.
M27	23 12	8 9	4 56	25 41	1 47	20 35	0 31	1 51	1 2	6 40	1 5	15 36	2 23	0 23	0 40	19 25	1 27	28 15	5 17	23 20	23 20	18 40		n.a.
T 28	23 18	13 15	4 18	25 40	1 45	20 16	0 25	1 37	1 3	6 43	1 5	15 36	2 24	0 22	0 40	19 25	1 27	28 15	5 17	23 20	23 20	18 41		n.a.
W29	23 23	17 41	3 22	25 37	1 42	19 56	0 20	1 23	1 5	6 47	1 5	15 36	2 24	0 22	0 40	19 24	1 27	28 16	5 17	23 20	23 20	18 43		n.a.
T 30	23n28	21n 2	2n12	25n32	1n39	19n37	0n14	1n 9	1s 6	6n51	1s 5	15s37	2s24	0s21	0s40	19n24	1n27	28n16	5n17	23s20	23s19	18s44		n.a.

Julian Day Number = 987421.5, Delta T = 13h06m33s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'42, Lahiri = -31°39'42 Julian Calendar 1 June 2010 BCE == Greg. Calendar 15 May 2010 BCE

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

JULY 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 26 19	20♊ 5'00	7♊59	5♋ 1	6♌ 1	25♍14	19♈51	25°R16	0♈39	10♌21	14♊40	17♐35	17♐26	12♏43	n.a.	F 1
S 2	17 30 16	21° 2'42	22°49	6°45	6°57	25°47	20° 1	25♒16	0°40	10°23	14°42	17°R35	17°23	12°50	n.a.	S 2
S 3	17 34 12	22° 0'26	7♋27	8°27	7°54	26°20	20°11	25°15	0°41	10°25	14°44	17°35	17°20	12°56	n.a.	S 3
M 4	17 38 9	22°58'11	21°46	10° 8	8°49	26°53	20°20	25°14	0°42	10°26	14°45	17°34	17°17	13° 3	n.a.	M 4
T 5	17 42 5	23°55'58	5♌42	11°47	9°44	27°27	20°30	25°13	0°43	10°28	14°47	17°34	17°13	13°10	n.a.	T 5
W 6	17 46 2	24°53'46	19°13	13°26	10°39	28° 1	20°39	25°12	0°44	10°29	14°49	17°33	17°10	13°16	n.a.	W 6
T 7	17 49 59	25°51'36	2♍18	15° 2	11°33	28°35	20°48	25°11	0°45	10°31	14°51	17°32	17° 7	13°23	n.a.	T 7
F 8	17 53 55	26°49'27	15° 1	16°38	12°27	29° 9	20°57	25°10	0°46	10°33	14°52	17°31	17° 4	13°30	n.a.	F 8
S 9	17 57 52	27°47'19	27°25	18°11	13°20	29°44	21° 6	25° 8	0°47	10°35	14°54	17°D31	17° 1	13°36	n.a.	S 9
S 10	18 1 48	28°45'12	9♎33	19°44	14°13	0♎18	21°15	25° 7	0°48	10°36	14°56	17°31	16°58	13°43	n.a.	S 10
M11	18 5 45	29°43'08	21°30	21°15	15° 5	0°54	21°24	25° 5	0°48	10°38	14°58	17°32	16°54	13°50	n.a.	M11
T 12	18 9 41	0♋41'04	3♏22	22°45	15°56	1°29	21°33	25° 4	0°49	10°40	14°59	17°33	16°51	13°56	n.a.	T 12
W13	18 13 38	1°39'03	15°11	24°13	16°46	2° 4	21°41	25° 2	0°50	10°42	15° 1	17°34	16°48	14° 3	n.a.	W13
T 14	18 17 34	2°37'03	27° 3	25°39	17°36	2°40	21°50	25° 0	0°50	10°44	15° 3	17°36	16°45	14°10	n.a.	T 14
F 15	18 21 31	3°35'04	9♐ 0	27° 5	18°26	3°16	21°58	24°58	0°51	10°45	15° 4	17°36	16°42	14°16	n.a.	F 15
S 16	18 25 28	4°33'08	21° 6	28°29	19°14	3°52	22° 6	24°56	0°51	10°47	15° 6	17°R37	16°38	14°23	n.a.	S 16
S 17	18 29 24	5°31'13	3♑22	29°51	20° 2	4°29	22°14	24°54	0°52	10°49	15° 8	17°36	16°35	14°30	n.a.	S 17
M18	18 33 21	6°29'20	15°50	1♌12	20°49	5° 5	22°22	24°51	0°52	10°51	15° 9	17°34	16°32	14°36	n.a.	M18
T 19	18 37 17	7°27'29	28°31	2°31	21°35	5°42	22°30	24°49	0°52	10°53	15°11	17°32	16°29	14°43	n.a.	T 19
W20	18 41 14	8°25'40	11♒26	3°48	22°20	6°19	22°37	24°46	0°53	10°55	15°13	17°29	16°26	14°50	n.a.	W20
T 21	18 45 10	9°23'53	24°34	5° 4	23° 4	6°56	22°45	24°44	0°53	10°57	15°14	17°26	16°23	14°56	n.a.	T 21
F 22	18 49 7	10°22'08	7♓56	6°18	23°48	7°34	22°52	24°41	0°53	10°59	15°16	17°23	16°19	15° 3	n.a.	F 22
S 23	18 53 3	11°20'25	21°32	7°30	24°30	8°11	22°59	24°39	0°53	11° 1	15°18	17°21	16°16	15°10	n.a.	S 23
S 24	18 57 0	12°18'45	5♈21	8°41	25°11	8°49	23° 6	24°36	0°53	11° 3	15°19	17°19	16°13	15°16	n.a.	S 24
M25	19 0 56	13°17'07	19°22	9°49	25°52	9°27	23°13	24°33	0°R53	11° 5	15°21	17°D19	16°10	15°23	n.a.	M25
T 26	19 4 53	14°15'31	3♉35	10°55	26°31	10° 5	23°20	24°30	0°53	11° 7	15°22	17°20	16° 7	15°30	n.a.	T 26
W27	19 8 50	15°13'58	17°57	11°59	27° 9	10°44	23°26	24°27	0°53	11° 9	15°24	17°22	16° 4	15°36	n.a.	W27
T 28	19 12 46	16°12'27	2♊26	13° 1	27°46	11°22	23°33	24°24	0°53	11°11	15°26	17°23	16° 0	15°43	n.a.	T 28
F 29	19 16 43	17°10'59	16°57	14° 0	28°22	12° 1	23°39	24°20	0°53	11°13	15°27	17°R24	15°57	15°50	n.a.	F 29
S 30	19 20 39	18° 9'32	1♋26	14°56	28°57	12°40	23°45	24°17	0°53	11°15	15°29	17°23	15°54	15°56	n.a.	S 30
S 31	19 24 36	19♋ 8'08	15♋48	15♌50	29♌30	13♎19	23♈51	24♒14	0♈52	11♌17	15♊30	17♐21	15♐51	16♏ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n33	22n57	0n53	25n25	1n35	19n17	0n 8	0n54	1s 7	6n55	1s 5	15s37	2s25	0s21	0s40	19n23	1n27	28n16	5n17	23s20	23s19	18s45		n.a.
S 2	23 37	23 14	0s29	25 16	1 31	18 57	0 2	0 40	1 8	6 59	1 5	15 38	2 25	0 20	0 40	19 23	1 27	28 16	5 17	23 20	23 19	18 47		n.a.
S 3	23 41	21 55	1 48	25 6	1 27	18 36	0s 4	0 26	1 10	7 2	1 5	15 38	2 25	0 20	0 40	19 22	1 27	28 17	5 17	23 20	23 18	18 48		n.a.
M 4	23 44	19 11	2 59	24 54	1 22	18 15	0 10	0 11	1 11	7 6	1 5	15 39	2 26	0 19	0 40	19 22	1 27	28 17	5 17	23 20	23 18	18 50		n.a.
T 5	23 47	15 24	3 57	24 40	1 17	17 54	0 17	0s 4	1 12	7 9	1 5	15 39	2 26	0 19	0 40	19 21	1 27	28 17	5 17	23 20	23 18	18 51		n.a.
W 6	23 49	10 57	4 39	24 25	1 12	17 32	0 24	0 19	1 13	7 13	1 6	15 40	2 26	0 19	0 40	19 21	1 27	28 18	5 17	23 20	23 17	18 52		n.a.
T 7	23 51	6 7	5 6	24 9	1 6	17 11	0 30	0 33	1 14	7 16	1 6	15 41	2 26	0 18	0 40	19 20	1 26	28 18	5 18	23 20	23 17	18 54		n.a.
F 8	23 53	1 10	5 17	23 51	1 0	16 49	0 37	0 48	1 16	7 20	1 6	15 41	2 27	0 18	0 40	19 20	1 26	28 18	5 18	23 20	23 17	18 55		n.a.
S 9	23 54	3s43	5 12	23 32	0 53	16 27	0 44	1 3	1 17	7 23	1 6	15 42	2 27	0 18	0 40	19 19	1 26	28 19	5 18	23 20	23 17	18 57		n.a.
S 10	23 55	8 21	4 54	23 12	0 46	16 4	0 52	1 18	1 18	7 26	1 6	15 43	2 27	0 17	0 40	19 19	1 26	28 19	5 18	23 20	23 16	18 58		n.a.
M11	23 55	12 36	4 23	22 51	0 39	15 42	0 59	1 34	1 19	7 30	1 6	15 44	2 28	0 17	0 40	19 18	1 26	28 19	5 18	23 20	23 16	18 59		n.a.
T 12	23 55	16 20	3 41	22 29	0 32	15 19	1 7	1 49	1 20	7 33	1 6	15 45	2 28	0 17	0 40	19 18	1 26	28 20	5 18	23 20	23 16	19 1		n.a.
W13	23 55	19 25	2 50	22 7	0 25	14 57	1 14	2 4	1 21	7 36	1 6	15 46	2 28	0 17	0 40	19 17	1 26	28 20	5 18	23 20	23 15	19 2		n.a.
T 14	23 54	21 42	1 51	21 43	0 17	14 34	1 22	2 20	1 22	7 39	1 6	15 46	2 28	0 16	0 40	19 17	1 26	28 20	5 18	23 20	23 15	19 3		n.a.
F 15	23 52	23 2	0 47	21 19	0 9	14 11	1 30	2 35	1 23	7 42	1 6	15 47	2 29	0 16	0 40	19 16	1 26	28 20	5 18	23 20	23 15	19 5		n.a.
S 16	23 51	23 18	0n19	20 54	0 1	13 48	1 38	2 51	1 24	7 45	1 6	15 48	2 29	0 16	0 40	19 16	1 26	28 21	5 19	23 20	23 14	19 6		n.a.
S 17	23 48	22 27	1 26	20 28	0s 7	13 25	1 47	3 6	1 25	7 48	1 7	15 49	2 29	0 16	0 40	19 15	1 26	28 21	5 19	23 20	23 14	19 7		n.a.
M18	23 46	20 29	2 30	20 2	0 16	13 2	1 55	3 22	1 26	7 51	1 7	15 50	2 29	0 16	0 40	19 15	1 26	28 21	5 19	23 20	23 14	19 9		n.a.
T 19	23 43	17 30	3 27	19 36	0 24	12 39	2 4	3 38	1 26	7 54	1 7	15 51	2 30	0 16	0 40	19 14	1 26	28 22	5 19	23 20	23 13	19 10		n.a.
W20	23 39	13 38	4 15	19 9	0 33	12 16	2 12	3 53	1 27	7 57	1 7	15 53	2 30	0 16	0 40	19 13	1 26	28 22	5 19	23 19	23 13	19 11		n.a.
T 21	23 35	9 3	4 50	18 42	0 42	11 53	2 21	4 9	1 28	7 59	1 7	15 54	2 30	0 15	0 40	19 13	1 26	28 22	5 19	23 19	23 13	19 13		n.a.
F 22	23 31	3 58	5 10	18 15	0 51	11 30	2 30	4 25	1 29	8 2	1 7	15 55	2 30	0 15	0 40	19 12	1 26	28 23	5 19	23 19	23 12	19 14		n.a.
S 23	23 26	1n22	5 14	17 48	1 0	11 7	2 40	4 41	1 30	8 4	1 7	15 56	2 31	0 15	0 40	19 12	1 26	28 23	5 19	23 19	23 12	19 15		n.a.
S 24	23 20	6 43	4 59	17 21	1 9	10 44	2 49	4 57	1 31	8 7	1 7	15 57	2 31	0 15	0 41	19 11	1 26	28 23	5 20	23 18	23 12	19 16		n.a.
M25	23 15	11 50	4 27	16 53	1 19	10 22	2 58	5 13	1 31	8 9	1 7	15 58	2 31	0 15	0 41	19 11	1 26	28 24	5 20	23 18	23 11	19 18		n.a.
T 26	23 9	16 22	3 38	16 26	1 28	9 59	3 8	5 29	1 32	8 12	1 7	16 0	2 31	0 15	0 41	19 10	1 26	28 24	5 20	23 18	23 11	19 19		n.a.
W27	23 2	20 0	2 35	15 59	1 37	9 37	3 18	5 45	1 33	8 14	1 8	16 1	2 32	0 16	0 41	19 9	1 26	28 24	5 20	23 19	23 11	19 20		n.a.
T 28	22 55	22 24	1 21	15 33	1 47	9 15	3 27	6 1	1 34	8 17	1 8	16 2	2 32	0 16	0 41	19 9	1 26	28 25	5 20	23 19	23 10	19 22		n.a.
F 29	22 48	23 19	0 2	15 7	1 56	8 53	3 37	6 17	1 34	8 19	1 8	16 4	2 32	0 16	0 41	19 8	1 26	28 25	5 20	23 19	23 10	19 23		n.a.
S 30	22 40	22 39	1s16	14 41	2 5	8 32	3 48	6 33	1 35	8 21	1 8	16 5	2 32	0 16	0 41	19 8	1 26	28 25	5 20	23 19	23 10	19 24		n.a.
S 31	22n32	20n30	2s29	14n16	2s15	8n10	3s58	6s49	1s36	8n23	1s 8	16s 6	2s33	0s16	0s41	19n 7	1n26	28n26	5n21	23s19	23s 9	19s25		n.a.

Julian Day Number = 987451.5, Delta T = 13h06m31s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'38, Lahiri = -31°39'38 Julian Calendar 1 July 2010 BCE == Greg. Calendar 14 June 2010 BCE

The year -2009 astronomical counting style corresponds to year 2010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

AUGUST 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 28 32	20♋ 6'46	29♋55	16♌40	0♍ 2	13♎58	23♈57	24°R10	0°R52	11♌19	15♊32	17°R17	15♐48	16♏10	n.a.	M 1
T 2	19 32 29	21° 5'26	13♌45	17°27	0°33	14°37	24° 2	24♒ 6	0♈52	11°22	15°33	17♐12	15°44	16°16	n.a.	T 2
W 3	19 36 25	22° 4'08	27°14	18°11	1° 2	15°17	24° 8	24° 3	0°51	11°24	15°35	17° 6	15°41	16°23	n.a.	W 3
T 4	19 40 22	23° 2'52	10♍20	18°51	1°29	15°56	24°13	23°59	0°51	11°26	15°36	17° 1	15°38	16°30	n.a.	T 4
F 5	19 44 19	24° 1'37	23° 5	19°27	1°55	16°36	24°18	23°55	0°50	11°28	15°38	16°56	15°35	16°36	n.a.	F 5
S 6	19 48 15	25° 0'25	5♎30	19°58	2°20	17°16	24°23	23°51	0°50	11°30	15°39	16°52	15°32	16°43	n.a.	S 6
S 7	19 52 12	25°59'15	17°39	20°24	2°42	17°56	24°28	23°47	0°49	11°32	15°40	16°50	15°29	16°50	n.a.	S 7
M 8	19 56 8	26°58'06	29°36	20°46	3° 3	18°36	24°32	23°43	0°48	11°35	15°42	16°D50	15°25	16°56	n.a.	M 8
T 9	20 0 5	27°57'00	11♏27	21° 2	3°22	19°17	24°37	23°39	0°48	11°37	15°43	16°51	15°22	17° 3	n.a.	T 9
W10	20 4 1	28°55'55	23°16	21°12	3°39	19°57	24°41	23°35	0°47	11°39	15°45	16°52	15°19	17°10	n.a.	W10
T 11	20 7 58	29°54'53	5♐ 9	21°R15	3°54	20°38	24°45	23°31	0°46	11°41	15°46	16°54	15°16	17°16	n.a.	T 11
F 12	20 11 54	0♑53'52	17°11	21°12	4° 7	21°19	24°49	23°27	0°45	11°43	15°47	16°R55	15°13	17°23	n.a.	F 12
S 13	20 15 51	1°52'53	29°24	21° 2	4°18	22° 0	24°52	23°23	0°44	11°46	15°49	16°54	15°10	17°30	n.a.	S 13
S 14	20 19 47	2°51'57	11♉52	20°45	4°27	22°41	24°56	23°18	0°43	11°48	15°50	16°51	15° 6	17°36	n.a.	S 14
M15	20 23 44	3°51'03	24°37	20°20	4°34	23°22	24°59	23°14	0°42	11°50	15°51	16°46	15° 3	17°43	n.a.	M15
T 16	20 27 41	4°50'10	7♒39	19°48	4°38	24° 3	25° 2	23°10	0°41	11°52	15°52	16°39	15° 0	17°50	n.a.	T 16
W17	20 31 37	5°49'20	20°58	19° 8	4°R41	24°45	25° 5	23° 5	0°40	11°54	15°54	16°31	14°57	17°56	n.a.	W17
T 18	20 35 34	6°48'32	4♓32	18°21	4°40	25°26	25° 8	23° 1	0°39	11°57	15°55	16°22	14°54	18° 3	n.a.	T 18
F 19	20 39 30	7°47'47	18°17	17°27	4°38	26° 8	25°11	22°56	0°38	11°59	15°56	16°14	14°50	18°10	n.a.	F 19
S 20	20 43 27	8°47'04	2♈12	16°27	4°33	26°50	25°13	22°51	0°36	12° 1	15°57	16° 7	14°47	18°16	n.a.	S 20
S 21	20 47 23	9°46'23	16°13	15°22	4°26	27°31	25°15	22°47	0°35	12° 3	15°58	16° 3	14°44	18°23	n.a.	S 21
M22	20 51 20	10°45'45	0♉18	14°14	4°16	28°13	25°17	22°42	0°34	12° 6	16° 0	16° 0	14°41	18°30	n.a.	M22
T 23	20 55 16	11°45'10	14°24	13° 4	4° 4	28°55	25°19	22°37	0°32	12° 8	16° 1	16°D 0	14°38	18°36	n.a.	T 23
W24	20 59 13	12°44'37	28°32	11°54	3°50	29°38	25°21	22°33	0°31	12°10	16° 2	16° 1	14°35	18°43	n.a.	W24
T 25	21 3 9	13°44'07	12♊40	10°45	3°33	0♏20	25°22	22°28	0°30	12°12	16° 3	16°R 1	14°31	18°50	n.a.	T 25
F 26	21 7 6	14°43'39	26°46	9°40	3°14	1° 2	25°23	22°23	0°28	12°15	16° 4	16° 1	14°28	18°56	n.a.	F 26
S 27	21 11 3	15°43'13	10♋48	8°41	2°53	1°45	25°24	22°18	0°26	12°17	16° 5	15°58	14°25	19° 3	n.a.	S 27
S 28	21 14 59	16°42'50	24°44	7°49	2°29	2°27	25°25	22°14	0°25	12°19	16° 6	15°53	14°22	19°10	n.a.	S 28
M29	21 18 56	17°42'30	8♌30	7° 5	2° 4	3°10	25°26	22° 9	0°23	12°21	16° 7	15°45	14°19	19°16	n.a.	M29
T 30	21 22 52	18°42'11	22° 3	6°32	1°37	3°53	25°26	22° 4	0°22	12°23	16° 8	15°35	14°16	19°23	n.a.	T 30
W31	21 26 49	19♌41'55	5♍20	6♌ 9	1♍ 8	4♏36	25♈26	21♒59	0♈20	12♌26	16♊ 9	15♐24	14♐12	19♏30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	22n23	17n 8	3s32	13n53	2s24	7n49	4s 8	7s 5	1s36	8n25	1s 8	16s 8	2s33	0s16	0s41	19n 6	1n26	28n26	5n21	23s18	23s 9	19s27			n.a.
T 2	22 14	12 53	4 20	13 30	2 33	7 29	4 18	7 22	1 37	8 27	1 8	16 9	2 33	0 16	0 41	19 6	1 26	28 26	5 21	23 18	23 9	19 28			n.a.
W 3	22 4	8 6	4 53	13 8	2 42	7 9	4 29	7 38	1 38	8 29	1 8	16 11	2 33	0 17	0 41	19 5	1 26	28 27	5 21	23 17	23 8	19 29			n.a.
T 4	21 55	3 5	5 9	12 47	2 50	6 49	4 40	7 54	1 38	8 31	1 9	16 12	2 33	0 17	0 41	19 5	1 26	28 27	5 21	23 17	23 8	19 30			n.a.
F 5	21 44	1s55	5 10	12 28	2 59	6 30	4 50	8 10	1 39	8 33	1 9	16 14	2 34	0 17	0 41	19 4	1 26	28 27	5 21	23 16	23 8	19 32			n.a.
S 6	21 34	6 43	4 55	12 10	3 7	6 11	5 1	8 26	1 39	8 34	1 9	16 15	2 34	0 17	0 41	19 3	1 26	28 28	5 22	23 16	23 7	19 33			n.a.
S 7	21 23	11 10	4 28	11 55	3 14	5 53	5 12	8 43	1 40	8 36	1 9	16 17	2 34	0 18	0 41	19 3	1 26	28 28	5 22	23 16	23 7	19 34			n.a.
M 8	21 11	15 7	3 49	11 41	3 21	5 35	5 23	8 59	1 40	8 38	1 9	16 18	2 34	0 18	0 41	19 2	1 26	28 28	5 22	23 15	23 7	19 35			n.a.
T 9	20 59	18 26	3 1	11 30	3 28	5 18	5 33	9 15	1 41	8 39	1 9	16 20	2 34	0 18	0 41	19 2	1 26	28 29	5 22	23 16	23 6	19 36			n.a.
W10	20 47	20 59	2 5	11 21	3 34	5 2	5 44	9 31	1 41	8 41	1 9	16 21	2 35	0 18	0 41	19 1	1 26	28 29	5 22	23 16	23 6	19 38			n.a.
T 11	20 35	22 38	1 3	11 15	3 39	4 46	5 55	9 47	1 42	8 42	1 9	16 23	2 35	0 19	0 41	19 0	1 26	28 29	5 22	23 16	23 5	19 39			n.a.
F 12	20 22	23 16	0n 1	11 12	3 43	4 31	6 6	10 3	1 42	8 43	1 9	16 24	2 35	0 19	0 41	19 0	1 26	28 30	5 23	23 16	23 5	19 40			n.a.
S 13	20 9	22 48	1 7	11 12	3 47	4 17	6 17	10 19	1 43	8 45	1 10	16 26	2 35	0 20	0 41	18 59	1 26	28 30	5 23	23 16	23 5	19 41			n.a.
S 14	19 55	21 13	2 11	11 16	3 49	4 4	6 27	10 35	1 43	8 46	1 10	16 28	2 35	0 20	0 41	18 58	1 26	28 30	5 23	23 16	23 4	19 42			n.a.
M15	19 41	18 32	3 9	11 23	3 49	3 52	6 38	10 51	1 44	8 47	1 10	16 29	2 35	0 20	0 41	18 58	1 26	28 30	5 23	23 15	23 4	19 44			n.a.
T 16	19 27	14 53	3 59	11 34	3 48	3 41	6 48	11 7	1 44	8 48	1 10	16 31	2 36	0 21	0 41	18 57	1 26	28 31	5 23	23 14	23 4	19 45			n.a.
W17	19 12	10 26	4 37	11 49	3 46	3 30	6 59	11 23	1 45	8 49	1 10	16 33	2 36	0 21	0 41	18 56	1 26	28 31	5 23	23 14	23 3	19 46			n.a.
T 18	18 57	5 24	5 0	12 8	3 41	3 21	7 9	11 39	1 45	8 50	1 10	16 34	2 36	0 22	0 41	18 56	1 26	28 31	5 24	23 13	23 3	19 47			n.a.
F 19	18 41	0 2	5 6	12 30	3 35	3 13	7 18	11 55	1 45	8 51	1 10	16 36	2 36	0 22	0 41	18 55	1 26	28 32	5 24	23 12	23 3	19 48			n.a.
S 20	18 26	5n23	4 55	12 56	3 27	3 6	7 28	12 11	1 46	8 52	1 10	16 38	2 36	0 23	0 41	18 55	1 26	28 32	5 24	23 11	23 2	19 49			n.a.
S 21	18 10	10 34	4 25	13 26	3 17	3 0	7 37	12 27	1 46	8 52	1 11	16 39	2 36	0 23	0 41	18 54	1 26	28 32	5 24	23 11	23 2	19 51			n.a.
M22	17 53	15 13	3 40	13 57	3 4	2 55	7 46	12 42	1 46	8 53	1 11	16 41	2 36	0 24	0 41	18 53	1 26	28 33	5 24	23 10	23 1	19 52			n.a.
T 23	17 37	19 3	2 41	14 31	2 50	2 52	7 54	12 58	1 46	8 53	1 11	16 43	2 36	0 25	0 41	18 53	1 26	28 33	5 25	23 10	23 1	19 53			n.a.
W24	17 20	21 44	1 32	15 7	2 34	2 50	8 2	13 13	1 47	8 54	1 11	16 44	2 37	0 25	0 41	18 52	1 26	28 33	5 25	23 10	23 1	19 54			n.a.
T 25	17 2	23 4	0 18	15 43	2 16	2 49	8 10	13 29	1 47	8 54	1 11	16 46	2 37	0 26	0 41	18 51	1 26	28 34	5 25	23 10	23 0	19 55			n.a.
F 26	16 45	22 56	0s57	16 18	1 58	2 49	8 17	13 44	1 47	8 55	1 11	16 48	2 37	0 26	0 41	18 51	1 26	28 34	5 25	23 10	23 0	19 56			n.a.
S 27	16 27	21 20	2 9	16 53	1 38	2 51	8 23	14 0	1 48	8 55	1 11	16 49	2 37	0 27	0 41	18 50	1 26	28 34	5 25	23 10	23 0	19 57			n.a.
S 28	16 9	18 28	3 11	17 26	1 18	2 54	8 29	14 15	1 48	8 55	1 11	16 51	2 37	0 28	0 41	18 50	1 26	28 35	5 26	23 10	22 59	19 58			n.a.
M29	15 50	14 37	4 2	17 57	0 58	2 58	8 33	14 30	1 48	8 55	1 12	16 53	2 37	0 28	0 41	18 49	1 26	28 35	5 26	23 9	22 59	20 0			n.a.
T 30	15 31	10 3	4 38	18 24	0 38	3 4	8 38	14 45	1 48	8 55	1 12	16 54	2 37	0 29	0 41	18 48	1 26	28 35	5 26	23 8	22 58	20 1			n.a.
W31	15n12	5n 7	4s58	18n49	0s19	3n11	8s41	15s 0	1s48	8n55	1s12	16s56	2s37	0s30	0s41	18n48	1n26	28n36	5n26	23s 6	22s58	20s 2			n.a.

Julian Day Number = 987482.5, Delta T = 13h06m29s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'34, Lahiri = -31°39'33 Julian Calendar 1 Aug. 2010 BCE == Greg. Calendar 15 July 2010 BCE

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

SEPTEMBER 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 30 45	20♌41'40	18♍19	5°R57	0°R37	5♏19	25°R26	21°R54	0°R18	12♌28	16♊10	15°R13	14♐ 9	19♏36	n.a.	T 1
F 2	21 34 42	21°41'28	1♎ 0	5°D56	0♍ 5	6° 2	25♈26	21♒49	0♈16	12°30	16°11	15♐ 2	14° 6	19°43	n.a.	F 2
S 3	21 38 38	22°41'17	13°22	6♌ 6	29♌31	6°45	25°26	21°45	0°15	12°32	16°12	14°53	14° 3	19°50	n.a.	S 3
S 4	21 42 35	23°41'09	25°30	6°26	28°57	7°28	25°25	21°40	0°13	12°35	16°12	14°47	14° 0	19°56	n.a.	S 4
M 5	21 46 31	24°41'02	7♏27	6°57	28°21	8°11	25°24	21°35	0°11	12°37	16°13	14°43	13°56	20° 3	n.a.	M 5
T 6	21 50 28	25°40'58	19°17	7°37	27°46	8°55	25°23	21°30	0° 9	12°39	16°14	14°42	13°53	20°10	n.a.	T 6
W 7	21 54 24	26°40'55	1♐ 5	8°25	27° 9	9°38	25°22	21°25	0° 7	12°41	16°15	14°D42	13°50	20°16	n.a.	W 7
T 8	21 58 21	27°40'54	12°58	9°21	26°33	10°22	25°21	21°20	0° 5	12°43	16°16	14°R42	13°47	20°23	n.a.	T 8
F 9	22 2 18	28°40'55	25° 0	10°23	25°56	11° 5	25°19	21°16	0° 3	12°46	16°16	14°42	13°44	20°29	n.a.	F 9
S 10	22 6 14	29°40'58	7♑16	11°32	25°21	11°49	25°17	21°11	0° 1	12°48	16°17	14°39	13°41	20°36	n.a.	S 10
S 11	22 10 11	0♍41'03	19°52	12°46	24°45	12°33	25°15	21° 6	29♓59	12°50	16°18	14°35	13°37	20°43	n.a.	S 11
M12	22 14 7	1°41'09	2♒48	14° 4	24°11	13°17	25°13	21° 1	29°57	12°52	16°18	14°28	13°34	20°49	n.a.	M12
T 13	22 18 4	2°41'18	16° 8	15°27	23°37	14° 1	25°11	20°57	29°55	12°54	16°19	14°18	13°31	20°56	n.a.	T 13
W14	22 22 0	3°41'28	29°49	16°52	23° 5	14°45	25° 8	20°52	29°52	12°56	16°20	14° 6	13°28	21° 3	n.a.	W14
T 15	22 25 57	4°41'40	13♓49	18°20	22°35	15°29	25° 5	20°47	29°50	12°58	16°20	13°54	13°25	21° 9	n.a.	T 15
F 16	22 29 53	5°41'54	28° 3	19°51	22° 6	16°13	25° 2	20°43	29°48	13° 0	16°21	13°42	13°22	21°16	n.a.	F 16
S 17	22 33 50	6°42'11	12♈24	21°23	21°38	16°57	24°59	20°38	29°46	13° 3	16°21	13°32	13°18	21°23	n.a.	S 17
S 18	22 37 47	7°42'29	26°48	22°57	21°13	17°41	24°56	20°34	29°43	13° 5	16°22	13°24	13°15	21°29	n.a.	S 18
M19	22 41 43	8°42'50	11♉ 9	24°32	20°50	18°25	24°52	20°29	29°41	13° 7	16°22	13°20	13°12	21°36	n.a.	M19
T 20	22 45 40	9°43'13	25°23	26° 8	20°30	19° 9	24°48	20°25	29°39	13° 9	16°23	13°18	13° 9	21°43	n.a.	T 20
W21	22 49 36	10°43'38	9♊30	27°44	20°11	19°54	24°44	20°20	29°37	13°11	16°23	13°18	13° 6	21°49	n.a.	W21
T 22	22 53 33	11°44'05	23°27	29°21	19°55	20°38	24°40	20°16	29°34	13°13	16°23	13°17	13° 2	21°56	n.a.	T 22
F 23	22 57 29	12°44'35	7♋16	0♍59	19°41	21°23	24°36	20°12	29°32	13°15	16°24	13°16	12°59	22° 3	n.a.	F 23
S 24	23 1 26	13°45'06	20°56	2°37	19°30	22° 7	24°32	20° 8	29°29	13°17	16°24	13°13	12°56	22° 9	n.a.	S 24
S 25	23 5 22	14°45'40	4♌27	4°14	19°22	22°52	24°27	20° 3	29°27	13°19	16°24	13° 6	12°53	22°16	n.a.	S 25
M26	23 9 19	15°46'15	17°48	5°52	19°15	23°36	24°22	19°59	29°25	13°21	16°25	12°57	12°50	22°23	n.a.	M26
T 27	23 13 15	16°46'52	0♍58	7°30	19°12	24°21	24°17	19°55	29°22	13°23	16°25	12°45	12°47	22°29	n.a.	T 27
W28	23 17 12	17°47'31	13°55	9° 8	19°D10	25° 6	24°12	19°51	29°20	13°25	16°25	12°31	12°43	22°36	n.a.	W28
T 29	23 21 9	18°48'12	26°39	10°46	19°11	25°51	24° 6	19°47	29°17	13°27	16°25	12°17	12°40	22°43	n.a.	T 29
F 30	23 25 5	19♍48'55	9♎ 9	12♍23	19♌15	26♏35	24♈ 1	19♒43	29♓15	13♌29	16♊25	12♐ 4	12♐37	22♏49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n53	0n 5	5s 3	19n 9	0s 1	3n20	8s43	15s15	1s48	8n55	1s12	16s58	2s37	0s31	0s41	18n47	1n26	28n36	5n26	23s 5	22s58	20s 3		n.a.
F 2	14 34	4s51	4 52	19 26	0n17	3 29	8 45	15 30	1 49	8 55	1 12	16 59	2 37	0 31	0 42	18 46	1 26	28 36	5 27	23 4	22 57	20 4		n.a.
S 3	14 14	9 28	4 27	19 39	0 33	3 40	8 46	15 45	1 49	8 55	1 12	17 1	2 37	0 32	0 42	18 46	1 26	28 36	5 27	23 3	22 57	20 5		n.a.
S 4	13 54	13 37	3 51	19 48	0 47	3 52	8 46	16 0	1 49	8 54	1 12	17 3	2 37	0 33	0 42	18 45	1 26	28 37	5 27	23 2	22 57	20 6		n.a.
M 5	13 33	17 10	3 5	19 53	1 1	4 6	8 44	16 14	1 49	8 54	1 12	17 4	2 37	0 34	0 42	18 45	1 26	28 37	5 27	23 2	22 56	20 7		n.a.
T 6	13 13	20 0	2 11	19 54	1 13	4 20	8 42	16 28	1 49	8 54	1 12	17 6	2 37	0 34	0 42	18 44	1 26	28 37	5 27	23 2	22 56	20 8		n.a.
W 7	12 52	21 58	1 12	19 52	1 23	4 35	8 39	16 43	1 49	8 53	1 13	17 8	2 37	0 35	0 42	18 43	1 26	28 38	5 28	23 2	22 55	20 9		n.a.
T 8	12 31	22 58	0 9	19 46	1 32	4 51	8 35	16 57	1 49	8 52	1 13	17 9	2 37	0 36	0 42	18 43	1 26	28 38	5 28	23 2	22 55	20 10		n.a.
F 9	12 10	22 55	0n54	19 36	1 40	5 8	8 30	17 11	1 49	8 52	1 13	17 11	2 37	0 37	0 42	18 42	1 26	28 38	5 28	23 2	22 55	20 11		n.a.
S 10	11 49	21 47	1 57	19 23	1 47	5 26	8 24	17 25	1 49	8 51	1 13	17 12	2 37	0 38	0 42	18 41	1 26	28 39	5 28	23 1	22 54	20 12		n.a.
S 11	11 27	19 32	2 55	19 6	1 52	5 44	8 17	17 39	1 49	8 50	1 13	17 14	2 37	0 39	0 42	18 41	1 26	28 39	5 29	23 1	22 54	20 13		n.a.
M12	11 5	16 16	3 46	18 47	1 56	6 2	8 10	17 52	1 49	8 49	1 13	17 15	2 37	0 39	0 42	18 40	1 26	28 39	5 29	23 0	22 53	20 15		n.a.
T 13	10 43	12 6	4 26	18 26	1 59	6 21	8 1	18 6	1 49	8 48	1 13	17 17	2 37	0 40	0 42	18 40	1 26	28 39	5 29	22 59	22 53	20 16		n.a.
W14	10 21	7 13	4 51	18 1	2 2	6 40	7 52	18 19	1 49	8 47	1 13	17 18	2 37	0 41	0 42	18 39	1 27	28 40	5 29	22 57	22 53	20 17		n.a.
T 15	9 59	1 53	5 1	17 35	2 3	7 0	7 42	18 33	1 49	8 46	1 13	17 20	2 37	0 42	0 42	18 38	1 27	28 40	5 29	22 56	22 52	20 18		n.a.
F 16	9 36	3n39	4 51	17 6	2 3	7 19	7 31	18 46	1 49	8 45	1 13	17 21	2 37	0 43	0 42	18 38	1 27	28 40	5 30	22 54	22 52	20 19		n.a.
S 17	9 14	9 2	4 24	16 36	2 3	7 38	7 20	18 59	1 49	8 44	1 13	17 23	2 37	0 44	0 42	18 37	1 27	28 40	5 30	22 53	22 51	20 20		n.a.
S 18	8 51	13 56	3 39	16 4	2 2	7 57	7 8	19 11	1 49	8 42	1 13	17 24	2 37	0 45	0 42	18 37	1 27	28 41	5 30	22 52	22 51	20 21		n.a.
M19	8 28	18 1	2 41	15 30	2 0	8 16	6 56	19 24	1 49	8 41	1 14	17 26	2 37	0 46	0 42	18 36	1 27	28 41	5 30	22 52	22 51	20 22		n.a.
T 20	8 5	21 0	1 33	14 55	1 58	8 35	6 44	19 37	1 49	8 39	1 14	17 27	2 37	0 47	0 42	18 36	1 27	28 41	5 31	22 51	22 50	20 23		n.a.
W21	7 42	22 39	0 20	14 18	1 56	8 53	6 31	19 49	1 49	8 38	1 14	17 28	2 37	0 48	0 42	18 35	1 27	28 42	5 31	22 51	22 50	20 24		n.a.
T 22	7 18	22 52	0s54	13 41	1 53	9 10	6 17	20 1	1 49	8 36	1 14	17 30	2 37	0 49	0 42	18 34	1 27	28 42	5 31	22 51	22 49	20 25		n.a.
F 23	6 55	21 40	2 3	13 2	1 49	9 27	6 4	20 13	1 49	8 35	1 14	17 31	2 37	0 50	0 42	18 34	1 27	28 42	5 31	22 51	22 49	20 26		n.a.
S 24	6 31	19 13	3 5	12 23	1 45	9 44	5 50	20 25	1 48	8 33	1 14	17 32	2 37	0 51	0 42	18 33	1 27	28 42	5 31	22 51	22 49	20 27		n.a.
S 25	6 7	15 44	3 55	11 43	1 41	10 0	5 37	20 36	1 48	8 31	1 14	17 34	2 37	0 52	0 42	18 33	1 27	28 43	5 32	22 50	22 48	20 28		n.a.
M26	5 43	11 30	4 32	11 2	1 36	10 15	5 23	20 48	1 48	8 29	1 14	17 35	2 37	0 53	0 42	18 32	1 27	28 43	5 32	22 49	22 48	20 28		n.a.
T 27	5 19	6 47	4 54	10 20	1 31	10 29	5 9	20 59	1 48	8 27	1 14	17 36	2 37	0 54	0 42	18 32	1 27	28 43	5 32	22 47	22 47	20 29		n.a.
W28	4 55	1 51	5 0	9 38	1 26	10 43	4 55	21 10	1 48	8 25	1 14	17 37	2 36	0 55	0 42	18 31	1 27	28 43	5 32	22 45	22 47	20 30		n.a.
T 29	4 31	3s 4	4 51	8 55	1 21	10 56	4 41	21 21	1 48	8 23	1 14	17 39	2 36	0 56	0 42	18 31	1 27	28 44	5 33	22 43	22 47	20 31		n.a.
F 30	4n 7	7s47	4s28	8n12	1n15	11n 8	4s27	21s31	1s47	8n21	1s14	17s40	2s36	0s57	0s42	18n30	1n27	28n44	5n33	22s42	22s46	20s32		n.a.

Julian Day Number = 987513.5, Delta T = 13h06m26s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'30, Lahiri = -31°39'29 Julian Calendar 1 Sept. 2010 BCE == Greg. Calendar 15 Aug. 2010 BCE

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

OCTOBER 2010 BCE (-2009) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 29 2	20♍49'38	21♎25	14♍ 0	19♌21	27♏20	23°R55	19°R40	29°R12	13♌30	16♊25	11°R52	12♐34	22♏56	n.a.	S 1
S 2	23 32 58	21°50'24	3♏28	15°37	19°29	28° 5	23♈49	19♒36	29♓10	13°32	16°26	11♐44	12°31	23° 3	n.a.	S 2
M 3	23 36 55	22°51'11	15°22	17°14	19°39	28°50	23°43	19°32	29° 7	13°34	16°26	11°39	12°27	23° 9	n.a.	M 3
T 4	23 40 51	23°51'59	27°10	18°51	19°52	29°35	23°37	19°29	29° 5	13°36	16°26	11°36	12°24	23°16	n.a.	T 4
W 5	23 44 48	24°52'48	8♐57	20°27	20° 6	0♐20	23°31	19°25	29° 2	13°38	16°R26	11°D35	12°21	23°23	n.a.	W 5
T 6	23 48 44	25°53'39	20°47	22° 3	20°23	1° 5	23°25	19°22	29° 0	13°40	16°26	11°R35	12°18	23°29	n.a.	T 6
F 7	23 52 41	26°54'31	2♑47	23°39	20°42	1°50	23°18	19°19	28°57	13°41	16°26	11°35	12°15	23°36	n.a.	F 7
S 8	23 56 38	27°55'24	15° 2	25°15	21° 2	2°35	23°11	19°15	28°55	13°43	16°26	11°34	12°12	23°42	n.a.	S 8
S 9	0 0 34	28°56'18	27°37	26°51	21°25	3°20	23° 5	19°12	28°52	13°45	16°25	11°30	12° 8	23°49	n.a.	S 9
M10	0 4 31	29°57'14	10♒36	28°26	21°49	4° 5	22°58	19° 9	28°50	13°46	16°25	11°24	12° 5	23°56	n.a.	M10
T 11	0 8 27	0♎58'10	24° 2	0♎ 1	22°16	4°50	22°51	19° 6	28°47	13°48	16°25	11°16	12° 2	24° 2	n.a.	T 11
W12	0 12 24	1°59'08	7♓55	1°36	22°44	5°36	22°43	19° 3	28°45	13°50	16°25	11° 5	11°59	24° 9	n.a.	W12
T 13	0 16 20	3° 0'06	22°12	3°11	23°13	6°21	22°36	19° 0	28°42	13°51	16°25	10°54	11°56	24°16	n.a.	T 13
F 14	0 20 17	4° 1'06	6♈48	4°45	23°44	7° 6	22°29	18°58	28°40	13°53	16°25	10°43	11°53	24°22	n.a.	F 14
S 15	0 24 13	5° 2'07	21°36	6°20	24°17	7°51	22°21	18°55	28°37	13°55	16°24	10°34	11°49	24°29	n.a.	S 15
S 16	0 28 10	6° 3'09	6♉27	7°54	24°51	8°36	22°14	18°53	28°35	13°56	16°24	10°27	11°46	24°36	n.a.	S 16
M17	0 32 7	7° 4'12	21°12	9°29	25°27	9°22	22° 6	18°50	28°32	13°58	16°24	10°23	11°43	24°42	n.a.	M17
T 18	0 36 3	8° 5'17	5♊47	11° 3	26° 4	10° 7	21°58	18°48	28°30	13°59	16°23	10°D22	11°40	24°49	n.a.	T 18
W19	0 40 0	9° 6'24	20° 6	12°37	26°42	10°52	21°51	18°46	28°27	14° 1	16°23	10°22	11°37	24°56	n.a.	W19
T 20	0 43 56	10° 7'31	4♋ 9	14°11	27°22	11°37	21°43	18°44	28°25	14° 2	16°23	10°R22	11°33	25° 2	n.a.	T 20
F 21	0 47 53	11° 8'40	17°54	15°45	28° 3	12°23	21°35	18°42	28°22	14° 3	16°22	10°22	11°30	25° 9	n.a.	F 21
S 22	0 51 49	12° 9'50	1♌23	17°19	28°45	13° 8	21°27	18°40	28°20	14° 5	16°22	10°21	11°27	25°16	n.a.	S 22
S 23	0 55 46	13°11'02	14°37	18°54	29°28	13°53	21°19	18°38	28°18	14° 6	16°21	10°16	11°24	25°22	n.a.	S 23
M24	0 59 42	14°12'14	27°38	20°28	0♍12	14°39	21°11	18°36	28°15	14° 7	16°21	10° 9	11°21	25°29	n.a.	M24
T 25	1 3 39	15°13'27	10♍27	22° 2	0°58	15°24	21° 3	18°35	28°13	14° 9	16°20	10° 1	11°18	25°36	n.a.	T 25
W26	1 7 36	16°14'41	23° 3	23°36	1°44	16°10	20°55	18°33	28°10	14°10	16°20	9°50	11°14	25°42	n.a.	W26
T 27	1 11 32	17°15'57	5♎29	25°10	2°31	16°55	20°47	18°32	28° 8	14°11	16°19	9°40	11°11	25°49	n.a.	T 27
F 28	1 15 29	18°17'12	17°45	26°44	3°19	17°40	20°38	18°31	28° 6	14°13	16°18	9°30	11° 8	25°56	n.a.	F 28
S 29	1 19 25	19°18'29	29°50	28°18	4° 9	18°26	20°30	18°30	28° 3	14°14	16°18	9°21	11° 5	26° 2	n.a.	S 29
S 30	1 23 22	20°19'46	11♏47	29°53	4°58	19°11	20°22	18°29	28° 1	14°15	16°17	9°15	11° 2	26° 9	n.a.	S 30
M31	1 27 18	21♎21'04	23♏38	1♏27	5♍49	19♐57	20♈14	18♒28	27♓59	14♌16	16♊17	9♐11	10♐58	26♏15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n42	12s 6	3s53	7n29	1n10	11n19	4s13	21s42	1s47	8n19	1s14	17s41	2s36	0s58	0s42	18n30	1n27	28n44	5n33	22s40	22s46	20s33		n.a.
S 2	3 18	15 51	3 7	6 45	1 4	11 29	4 0	21 52	1 47	8 17	1 14	17 42	2 36	0 59	0 42	18 29	1 27	28 44	5 33	22 39	22 45	20 34		n.a.
M 3	2 54	18 55	2 14	6 1	0 58	11 39	3 46	22 2	1 47	8 15	1 14	17 43	2 36	1 0	0 42	18 29	1 27	28 45	5 33	22 38	22 45	20 35		n.a.
T 4	2 29	21 9	1 16	5 17	0 52	11 48	3 33	22 12	1 46	8 12	1 14	17 44	2 36	1 1	0 42	18 28	1 27	28 45	5 34	22 38	22 44	20 36		n.a.
W 5	2 4	22 28	0 14	4 33	0 45	11 55	3 20	22 22	1 46	8 10	1 14	17 45	2 36	1 2	0 42	18 28	1 27	28 45	5 34	22 38	22 44	20 37		n.a.
T 6	1 40	22 47	0n49	3 49	0 39	12 2	3 7	22 31	1 46	8 8	1 14	17 46	2 35	1 3	0 42	18 27	1 27	28 45	5 34	22 38	22 44	20 38		n.a.
F 7	1 15	22 3	1 50	3 4	0 33	12 9	2 54	22 40	1 46	8 5	1 14	17 47	2 35	1 4	0 42	18 27	1 27	28 45	5 34	22 38	22 43	20 39		n.a.
S 8	0 51	20 17	2 48	2 20	0 26	12 14	2 41	22 49	1 45	8 3	1 14	17 48	2 35	1 5	0 42	18 26	1 27	28 46	5 35	22 38	22 43	20 40		n.a.
S 9	0 26	17 29	3 39	1 35	0 20	12 18	2 29	22 58	1 45	8 0	1 14	17 49	2 35	1 6	0 42	18 26	1 27	28 46	5 35	22 37	22 42	20 40		n.a.
M10	0 1	13 46	4 21	0 51	0 14	12 22	2 17	23 6	1 45	7 57	1 14	17 50	2 35	1 7	0 42	18 25	1 27	28 46	5 35	22 36	22 42	20 41		n.a.
T 11	0s24	9 14	4 49	0 6	0 7	12 24	2 5	23 15	1 44	7 55	1 14	17 50	2 35	1 8	0 42	18 25	1 27	28 46	5 35	22 35	22 41	20 42		n.a.
W12	0 48	4 7	5 2	0s38	0 1	12 26	1 54	23 23	1 44	7 52	1 14	17 51	2 34	1 9	0 42	18 24	1 28	28 47	5 35	22 34	22 41	20 43		n.a.
T 13	1 13	1n22	4 57	1 23	0s 6	12 27	1 42	23 31	1 44	7 49	1 14	17 52	2 34	1 10	0 42	18 24	1 28	28 47	5 36	22 32	22 41	20 44		n.a.
F 14	1 38	6 54	4 32	2 7	0 12	12 27	1 31	23 38	1 43	7 47	1 14	17 53	2 34	1 11	0 42	18 23	1 28	28 47	5 36	22 30	22 40	20 45		n.a.
S 15	2 2	12 7	3 49	2 51	0 19	12 26	1 20	23 45	1 43	7 44	1 14	17 53	2 34	1 12	0 42	18 23	1 28	28 47	5 36	22 29	22 40	20 46		n.a.
S 16	2 27	16 37	2 50	3 35	0 25	12 24	1 10	23 52	1 43	7 41	1 14	17 54	2 34	1 13	0 42	18 23	1 28	28 47	5 36	22 28	22 39	20 47		n.a.
M17	2 52	20 2	1 40	4 18	0 31	12 22	1 0	23 59	1 42	7 38	1 14	17 54	2 34	1 14	0 42	18 22	1 28	28 47	5 37	22 27	22 39	20 47		n.a.
T 18	3 16	22 6	0 24	5 2	0 38	12 19	0 49	24 6	1 42	7 35	1 14	17 55	2 33	1 15	0 42	18 22	1 28	28 48	5 37	22 27	22 38	20 48		n.a.
W19	3 41	22 41	0s52	5 45	0 44	12 15	0 40	24 12	1 42	7 32	1 14	17 56	2 33	1 16	0 42	18 21	1 28	28 48	5 37	22 27	22 38	20 49		n.a.
T 20	4 5	21 48	2 4	6 28	0 50	12 10	0 30	24 18	1 41	7 30	1 14	17 56	2 33	1 17	0 42	18 21	1 28	28 48	5 37	22 27	22 38	20 50		n.a.
F 21	4 30	19 37	3 7	7 11	0 56	12 4	0 21	24 24	1 41	7 27	1 14	17 56	2 33	1 18	0 42	18 21	1 28	28 48	5 37	22 27	22 37	20 51		n.a.
S 22	4 54	16 23	3 58	7 53	1 2	11 58	0 12	24 30	1 40	7 24	1 14	17 57	2 33	1 19	0 42	18 20	1 28	28 48	5 38	22 27	22 37	20 52		n.a.
S 23	5 18	12 23	4 36	8 35	1 7	11 50	0 3	24 35	1 40	7 21	1 13	17 57	2 32	1 20	0 42	18 20	1 28	28 49	5 38	22 26	22 36	20 52		n.a.
M24	5 43	7 53	4 58	9 16	1 13	11 42	0n 5	24 40	1 40	7 18	1 13	17 58	2 32	1 21	0 42	18 20	1 28	28 49	5 38	22 25	22 36	20 53		n.a.
T 25	6 7	3 6	5 5	9 57	1 18	11 34	0 14	24 45	1 39	7 15	1 13	17 58	2 32	1 21	0 42	18 19	1 28	28 49	5 38	22 24	22 35	20 54		n.a.
W26	6 31	1s44	4 58	10 38	1 24	11 24	0 21	24 49	1 39	7 12	1 13	17 58	2 32	1 22	0 42	18 19	1 28	28 49	5 39	22 23	22 35	20 55		n.a.
T 27	6 55	6 25	4 36	11 18	1 29	11 14	0 29	24 54	1 38	7 9	1 13	17 58	2 32	1 23	0 42	18 19	1 28	28 49	5 39	22 21	22 34	20 56		n.a.
F 28	7 19	10 48	4 1	11 58	1 34	11 4	0 37	24 58	1 38	7 6	1 13	17 59	2 31	1 24	0 42	18 18	1 28	28 49	5 39	22 19	22 34	20 56		n.a.
S 29	7 42	14 41	3 16	12 37	1 38	10 52	0 44	25 1	1 37	7 3	1 13	17 59	2 31	1 25	0 41	18 18	1 28	28 49	5 39	22 18	22 34	20 57		n.a.
S 30	8 6	17 56	2 22	13 15	1 43	10 40	0 51	25 5	1 37	7 0	1 13	17 59	2 31	1 26	0 41	18 18	1 28	28 50	5 39	22 17	22 33	20 58		n.a.
M31	8s29	20s24	1s23	13s53	1s47	10n27	0n58	25s 8	1s36	6n57	1s13	17s59	2s31	1s27	0s41	18n17	1n29	28n50	5n40	22s17	22s33	20s59		n.a.

Julian Day Number = 987543.5, Delta T = 13h06m24s
Ecliptic obliquity = 23°55'29, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'26, Lahiri = -31°39'25 Julian Calendar 1 Oct. 2010 BCE == Greg. Calendar 14 Sept. 2010 BCE

The year -2009 astronomical counting style corresponds to year 2010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

NOVEMBER 2010 BCE (-2009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 31 15	22♎22'22	5♐24	3♏ 1	6♍41	20♐42	20°R 6	18°R27	27°R57	14♑17	16°R16	9°D10	10♐55	26♏22	n.a.	T 1
W 2	1 35 11	23°23'40	17°10	4°35	7°33	21°27	19♈57	18♒26	27♓54	14°18	16♊15	9♐10	10°52	26°29	n.a.	W 2
T 3	1 39 8	24°24'59	29° 0	6° 9	8°26	22°13	19°49	18°26	27°52	14°19	16°14	9°11	10°49	26°35	n.a.	T 3
F 4	1 43 5	25°26'18	10♉57	7°43	9°20	22°58	19°41	18°25	27°50	14°20	16°14	9°13	10°46	26°42	n.a.	F 4
S 5	1 47 1	26°27'37	23° 9	9°17	10°14	23°44	19°33	18°25	27°48	14°21	16°13	9°R14	10°43	26°49	n.a.	S 5
S 6	1 50 58	27°28'56	5♒39	10°51	11° 9	24°29	19°25	18°24	27°46	14°22	16°12	9°13	10°39	26°55	n.a.	S 6
M 7	1 54 54	28°30'15	18°33	12°24	12° 5	25°14	19°17	18°24	27°44	14°23	16°11	9°11	10°36	27° 2	n.a.	M 7
T 8	1 58 51	29°31'34	1♓54	13°57	13° 1	26° 0	19° 9	18°D24	27°42	14°24	16°10	9° 8	10°33	27° 9	n.a.	T 8
W 9	2 2 47	0♏32'53	15°43	15°30	13°58	26°45	19° 1	18°24	27°40	14°25	16° 9	9° 2	10°30	27°15	n.a.	W 9
T 10	2 6 44	1°34'12	0♈ 2	17° 2	14°55	27°31	18°53	18°25	27°38	14°26	16° 8	8°56	10°27	27°22	n.a.	T 10
F 11	2 10 41	2°35'30	14°45	18°33	15°53	28°16	18°46	18°25	27°36	14°26	16° 8	8°50	10°24	27°29	n.a.	F 11
S 12	2 14 37	3°36'49	29°45	20° 3	16°52	29° 1	18°38	18°25	27°34	14°27	16° 7	8°45	10°20	27°35	n.a.	S 12
S 13	2 18 34	4°38'08	14♉55	21°32	17°51	29°47	18°30	18°26	27°32	14°28	16° 6	8°42	10°17	27°42	n.a.	S 13
M14	2 22 30	5°39'27	0♊ 3	23° 0	18°50	0♉32	18°23	18°27	27°30	14°28	16° 5	8°40	10°14	27°49	n.a.	M14
T 15	2 26 27	6°40'46	15° 1	24°26	19°50	1°17	18°15	18°27	27°28	14°29	16° 4	8°D40	10°11	27°55	n.a.	T 15
W16	2 30 23	7°42'06	29°42	25°50	20°51	2° 3	18° 8	18°28	27°27	14°30	16° 3	8°41	10° 8	28° 2	n.a.	W16
T 17	2 34 20	8°43'25	14♋ 1	27°12	21°52	2°48	18° 1	18°29	27°25	14°30	16° 2	8°42	10° 4	28° 9	n.a.	T 17
F 18	2 38 17	9°44'45	27°57	28°31	22°53	3°33	17°54	18°30	27°23	14°31	16° 1	8°44	10° 1	28°15	n.a.	F 18
S 19	2 42 13	10°46'04	11♌29	29°46	23°55	4°18	17°47	18°32	27°22	14°31	15°59	8°R44	9°58	28°22	n.a.	S 19
S 20	2 46 10	11°47'24	24°39	0♐58	24°57	5° 4	17°40	18°33	27°20	14°32	15°58	8°44	9°55	28°28	n.a.	S 20
M21	2 50 6	12°48'43	7♍31	2° 5	25°59	5°49	17°33	18°34	27°18	14°32	15°57	8°42	9°52	28°35	n.a.	M21
T 22	2 54 3	13°50'03	20° 6	3° 7	27° 2	6°34	17°27	18°36	27°17	14°33	15°56	8°38	9°49	28°42	n.a.	T 22
W23	2 57 59	14°51'22	2♎28	4° 2	28° 5	7°19	17°20	18°38	27°15	14°33	15°55	8°35	9°45	28°48	n.a.	W23
T 24	3 1 56	15°52'41	14°39	4°51	29° 9	8° 4	17°14	18°39	27°14	14°33	15°54	8°30	9°42	28°55	n.a.	T 24
F 25	3 5 52	16°54'00	26°41	5°32	0♎13	8°50	17° 7	18°41	27°13	14°34	15°53	8°27	9°39	29° 2	n.a.	F 25
S 26	3 9 49	17°55'19	8♏36	6° 4	1°17	9°35	17° 1	18°43	27°11	14°34	15°51	8°23	9°36	29° 8	n.a.	S 26
S 27	3 13 46	18°56'36	20°27	6°26	2°21	10°20	16°55	18°45	27°10	14°34	15°50	8°21	9°33	29°15	n.a.	S 27
M28	3 17 42	19°57'54	2♐15	6°38	3°26	11° 5	16°50	18°48	27° 9	14°34	15°49	8°20	9°30	29°22	n.a.	M28
T 29	3 21 39	20°59'11	14° 2	6°R39	4°31	11°50	16°44	18°50	27° 7	14°35	15°48	8°D20	9°26	29°28	n.a.	T 29
W30	3 25 35	22♏ 0'27	25♐50	6♐28	5♎36	12♉35	16♈39	18♒52	27♓ 6	14♑35	15♊47	8♐21	9♐23	29♏35	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s53	21s58	0s20	14s30	1s51	10n14	1n 4	25s11	1s36	6n54	1s12	17s59	2s31	1s28	0s41	18n17	1n29	28n50	5n40	22s16	22s32	21s 0		n.a.
W 2	9 16	22 34	0n43	15 6	1 55	10 0	1 11	25 14	1 35	6 51	1 12	17 59	2 30	1 29	0 41	18 17	1 29	28 50	5 40	22 16	22 32	21 0		n.a.
T 3	9 39	22 10	1 46	15 42	1 58	9 45	1 17	25 16	1 35	6 48	1 12	17 59	2 30	1 30	0 41	18 17	1 29	28 50	5 40	22 17	22 31	21 1		n.a.
F 4	10 2	20 44	2 44	16 16	2 1	9 30	1 23	25 18	1 34	6 45	1 12	17 59	2 30	1 30	0 41	18 16	1 29	28 50	5 40	22 17	22 31	21 2		n.a.
S 5	10 25	18 20	3 36	16 50	2 4	9 14	1 28	25 20	1 34	6 42	1 12	17 59	2 30	1 31	0 41	18 16	1 29	28 50	5 41	22 17	22 30	21 3		n.a.
S 6	10 47	15 3	4 20	17 22	2 6	8 58	1 34	25 22	1 33	6 39	1 12	17 59	2 29	1 32	0 41	18 16	1 29	28 50	5 41	22 17	22 30	21 3		n.a.
M 7	11 9	10 58	4 51	17 54	2 8	8 41	1 39	25 23	1 33	6 36	1 11	17 59	2 29	1 33	0 41	18 16	1 29	28 50	5 41	22 17	22 29	21 4		n.a.
T 8	11 32	6 13	5 9	18 24	2 10	8 24	1 44	25 24	1 32	6 33	1 11	17 58	2 29	1 34	0 41	18 16	1 29	28 51	5 41	22 16	22 29	21 5		n.a.
W 9	11 54	1 0	5 9	18 54	2 11	8 6	1 49	25 25	1 32	6 30	1 11	17 58	2 29	1 35	0 41	18 15	1 29	28 51	5 41	22 15	22 28	21 6		n.a.
T 10	12 15	4n26	4 51	19 21	2 11	7 47	1 53	25 25	1 31	6 27	1 11	17 58	2 29	1 35	0 41	18 15	1 29	28 51	5 42	22 14	22 28	21 6		n.a.
F 11	12 37	9 47	4 13	19 48	2 11	7 29	1 58	25 25	1 31	6 24	1 11	17 57	2 28	1 36	0 41	18 15	1 29	28 51	5 42	22 13	22 28	21 7		n.a.
S 12	12 58	14 40	3 17	20 13	2 11	7 9	2 2	25 25	1 30	6 22	1 10	17 57	2 28	1 37	0 41	18 15	1 29	28 51	5 42	22 12	22 27	21 8		n.a.
S 13	13 20	18 39	2 6	20 36	2 10	6 49	2 6	25 25	1 30	6 19	1 10	17 57	2 28	1 38	0 41	18 15	1 29	28 51	5 42	22 12	22 27	21 8		n.a.
M14	13 40	21 20	0 47	20 57	2 8	6 29	2 10	25 24	1 29	6 16	1 10	17 56	2 28	1 38	0 41	18 14	1 29	28 51	5 42	22 12	22 26	21 9		n.a.
T 15	14 1	22 29	0s35	21 17	2 5	6 8	2 13	25 24	1 28	6 14	1 10	17 56	2 27	1 39	0 41	18 14	1 29	28 51	5 42	22 12	22 26	21 10		n.a.
W16	14 22	22 3	1 53	21 34	2 2	5 47	2 17	25 22	1 28	6 11	1 10	17 55	2 27	1 40	0 41	18 14	1 29	28 51	5 43	22 12	22 25	21 10		n.a.
T 17	14 42	20 9	3 2	21 50	1 57	5 25	2 20	25 21	1 27	6 8	1 9	17 55	2 27	1 40	0 41	18 14	1 30	28 51	5 43	22 12	22 25	21 11		n.a.
F 18	15 2	17 6	3 58	22 3	1 52	5 4	2 23	25 19	1 27	6 6	1 9	17 54	2 27	1 41	0 41	18 14	1 30	28 51	5 43	22 12	22 24	21 12		n.a.
S 19	15 21	13 13	4 40	22 14	1 46	4 41	2 26	25 17	1 26	6 3	1 9	17 54	2 26	1 42	0 41	18 14	1 30	28 51	5 43	22 12	22 24	21 13		n.a.
S 20	15 41	8 47	5 5	22 23	1 39	4 19	2 28	25 15	1 26	6 1	1 9	17 53	2 26	1 42	0 41	18 14	1 30	28 51	5 43	22 12	22 23	21 13		n.a.
M21	16 0	4 4	5 14	22 29	1 31	3 55	2 31	25 13	1 25	5 58	1 8	17 52	2 26	1 43	0 41	18 14	1 30	28 51	5 43	22 12	22 23	21 14		n.a.
T 22	16 19	0s43	5 8	22 32	1 22	3 32	2 33	25 10	1 24	5 56	1 8	17 52	2 26	1 43	0 41	18 14	1 30	28 51	5 44	22 11	22 22	21 15		n.a.
W23	16 37	5 23	4 48	22 33	1 11	3 8	2 35	25 7	1 24	5 54	1 8	17 51	2 26	1 44	0 41	18 14	1 30	28 51	5 44	22 11	22 22	21 15		n.a.
T 24	16 55	9 47	4 14	22 30	0 59	2 45	2 37	25 3	1 23	5 52	1 8	17 50	2 25	1 45	0 41	18 14	1 30	28 52	5 44	22 10	22 21	21 16		n.a.
F 25	17 13	13 45	3 30	22 25	0 46	2 20	2 39	25 0	1 23	5 49	1 7	17 49	2 25	1 45	0 41	18 14	1 30	28 52	5 44	22 9	22 21	21 16		n.a.
S 26	17 31	17 8	2 37	22 17	0 32	1 56	2 41	24 56	1 22	5 47	1 7	17 48	2 25	1 46	0 41	18 14	1 30	28 52	5 44	22 9	22 20	21 17		n.a.
S 27	17 48	19 47	1 37	22 6	0 17	1 31	2 42	24 52	1 21	5 45	1 7	17 47	2 25	1 46	0 41	18 14	1 30	28 52	5 44	22 9	22 20	21 18		n.a.
M28	18 5	21 35	0 34	21 51	0n 0	1 6	2 44	24 47	1 21	5 43	1 7	17 46	2 24	1 47	0 41	18 14	1 30	28 52	5 45	22 8	22 19	21 18		n.a.
T 29	18 22	22 26	0n31	21 34	0 18	0 41	2 45	24 43	1 20	5 41	1 6	17 46	2 24	1 47	0 41	18 14	1 30	28 52	5 45	22 8	22 19	21 19		n.a.
W30	18s38	22s16	1n36	21s14	0n36	0n16	2n46	24s38	1s19	5n39	1s 6	17s45	2s24	1s48	0s41	18n14	1n30	28n52	5n45	22s 9	22s18	21s20		n.a.

Julian Day Number = 987574.5, Delta T = 13h06m22s
Ecliptic obliquity = 23°55'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'21, Lahiri = -31°39'21 Julian Calendar 1 Nov. 2010 BCE == Greg. Calendar 15 Oct. 2010 BCE

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ASTRODIENST EPHEMERIS for the year 2010 BCE
geocentric

DECEMBER 2010 BCE (-2009) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 29 32	23♏ 1'42	7♉43	6°R 6	6♎42	13♉20	16°R33	18♒55	27°R 5	14♑35	15°R45	8♐22	9♐20	29♏42	n.a.	T 1
F 2	3 33 28	24° 2'56	19°44	5♐32	7°47	14° 5	16♈28	18°58	27♓ 4	14°35	15♊44	8°24	9°17	29°48	n.a.	F 2
S 3	3 37 25	25° 4'09	1♒56	4°47	8°53	14°50	16°23	19° 0	27° 3	14°R35	15°43	8°25	9°14	29°55	n.a.	S 3
S 4	3 41 22	26° 5'22	14°25	3°52	10° 0	15°35	16°19	19° 3	27° 2	14°35	15°41	8°26	9°10	0♐ 2	n.a.	S 4
M 5	3 45 18	27° 6'33	27°13	2°48	11° 6	16°20	16°14	19° 6	27° 1	14°35	15°40	8°R26	9° 7	0° 8	n.a.	M 5
T 6	3 49 15	28° 7'42	10♓25	1°38	12°13	17° 5	16°10	19° 9	27° 0	14°35	15°39	8°26	9° 4	0°15	n.a.	T 6
W 7	3 53 11	29° 8'51	24° 3	0°23	13°20	17°50	16° 5	19°13	26°59	14°35	15°37	8°25	9° 1	0°21	n.a.	W 7
T 8	3 57 8	0♐ 9'58	8♈ 9	29♏ 6	14°27	18°35	16° 1	19°16	26°59	14°35	15°36	8°24	8°58	0°28	n.a.	T 8
F 9	4 1 4	1°11'04	22°41	27°49	15°34	19°20	15°57	19°19	26°58	14°34	15°35	8°23	8°55	0°35	n.a.	F 9
S 10	4 5 1	2°12'09	7♉35	26°35	16°41	20° 4	15°54	19°23	26°57	14°34	15°33	8°23	8°51	0°41	n.a.	S 10
S 11	4 8 57	3°13'13	22°44	25°25	17°49	20°49	15°50	19°26	26°57	14°34	15°32	8°22	8°48	0°48	n.a.	S 11
M12	4 12 54	4°14'15	8♊ 0	24°21	18°57	21°34	15°47	19°30	26°56	14°34	15°31	8°D22	8°45	0°55	n.a.	M12
T 13	4 16 51	5°15'17	23°11	23°25	20° 5	22°19	15°44	19°34	26°56	14°33	15°29	8°22	8°42	1° 1	n.a.	T 13
W14	4 20 47	6°16'17	8♋ 9	22°37	21°13	23° 3	15°41	19°37	26°55	14°33	15°28	8°22	8°39	1° 8	n.a.	W14
T 15	4 24 44	7°17'17	22°46	21°57	22°21	23°48	15°38	19°41	26°55	14°33	15°27	8°22	8°36	1°15	n.a.	T 15
F 16	4 28 40	8°18'15	6♌58	21°26	23°30	24°32	15°36	19°45	26°54	14°32	15°25	8°R22	8°32	1°21	n.a.	F 16
S 17	4 32 37	9°19'12	20°42	21° 4	24°38	25°17	15°34	19°50	26°54	14°32	15°24	8°22	8°29	1°28	n.a.	S 17
S 18	4 36 33	10°20'08	4♍ 0	20°50	25°47	26° 1	15°32	19°54	26°54	14°31	15°22	8°D22	8°26	1°35	n.a.	S 18
M19	4 40 30	11°21'03	16°53	20°D45	26°56	26°46	15°30	19°58	26°54	14°31	15°21	8°22	8°23	1°41	n.a.	M19
T 20	4 44 27	12°21'57	29°25	20°47	28° 5	27°30	15°28	20° 3	26°53	14°30	15°20	8°23	8°20	1°48	n.a.	T 20
W21	4 48 23	13°22'50	11♎41	20°57	29°14	28°15	15°26	20° 7	26°53	14°30	15°18	8°23	8°16	1°55	n.a.	W21
T 22	4 52 20	14°23'41	23°43	21°13	0♏24	28°59	15°25	20°12	26°D53	14°29	15°17	8°24	8°13	2° 1	n.a.	T 22
F 23	4 56 16	15°24'32	5♏37	21°35	1°33	29°44	15°24	20°16	26°53	14°28	15°15	8°24	8°10	2° 8	n.a.	F 23
S 24	5 0 13	16°25'21	17°26	22° 3	2°43	0♒28	15°23	20°21	26°53	14°28	15°14	8°25	8° 7	2°14	n.a.	S 24
S 25	5 4 9	17°26'08	29°13	22°37	3°52	1°12	15°22	20°26	26°53	14°27	15°13	8°26	8° 4	2°21	n.a.	S 25
M26	5 8 6	18°26'55	11♐ 0	23°15	5° 2	1°57	15°22	20°31	26°54	14°26	15°11	8°R26	8° 1	2°28	n.a.	M26
T 27	5 12 2	19°27'39	22°50	23°57	6°12	2°41	15°22	20°36	26°54	14°26	15°10	8°25	7°57	2°34	n.a.	T 27
W28	5 15 59	20°28'22	4♉46	24°44	7°22	3°25	15°D22	20°41	26°54	14°25	15° 8	8°24	7°54	2°41	n.a.	W28
T 29	5 19 56	21°29'04	16°48	25°34	8°32	4° 9	15°22	20°46	26°54	14°24	15° 7	8°23	7°51	2°48	n.a.	T 29
F 30	5 23 52	22°29'43	28°58	26°28	9°42	4°53	15°22	20°51	26°55	14°23	15° 6	8°21	7°48	2°54	n.a.	F 30
S 31	5 27 49	23♐30'21	11♒20	27♏24	10♏52	5♒37	15♈23	20♒57	26♓55	14♑22	15♊ 4	8♐18	7♐45	3♐ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	18s54	21s 6	2n36	20s51	0n56	0s10	2n47	24s33	1s19	5n38	1s 6	17s44	2s24	1s48	0s41	18n14	1n30	28n52	5n45	22s 9	22s18	21s20			n.a.
F 2	19 10	18 59	3 30	20 26	1 15	0 36	2 47	24 27	1 18	5 36	1 6	17 42	2 23	1 48	0 40	18 14	1 30	28 52	5 45	22 9	22 17	21 21			n.a.
S 3	19 25	15 59	4 16	19 58	1 35	1 2	2 48	24 22	1 18	5 34	1 5	17 41	2 23	1 49	0 40	18 14	1 30	28 52	5 45	22 9	22 17	21 21			n.a.
S 4	19 40	12 13	4 50	19 29	1 54	1 28	2 48	24 16	1 17	5 33	1 5	17 40	2 23	1 49	0 40	18 14	1 31	28 52	5 45	22 9	22 16	21 22			n.a.
M 5	19 54	7 49	5 12	18 59	2 12	1 54	2 49	24 10	1 16	5 31	1 5	17 39	2 23	1 49	0 40	18 14	1 31	28 52	5 46	22 9	22 16	21 23			n.a.
T 6	20 9	2 55	5 18	18 28	2 30	2 20	2 49	24 3	1 16	5 30	1 4	17 38	2 23	1 50	0 40	18 14	1 31	28 51	5 46	22 9	22 15	21 23			n.a.
W 7	20 22	2n16	5 6	17 57	2 45	2 47	2 49	23 57	1 15	5 28	1 4	17 37	2 22	1 50	0 40	18 14	1 31	28 51	5 46	22 9	22 15	21 24			n.a.
T 8	20 36	7 31	4 36	17 27	2 59	3 13	2 49	23 50	1 14	5 27	1 4	17 35	2 22	1 50	0 40	18 14	1 31	28 51	5 46	22 9	22 14	21 24			n.a.
F 9	20 49	12 31	3 48	16 59	3 10	3 40	2 48	23 43	1 14	5 26	1 4	17 34	2 22	1 51	0 40	18 14	1 31	28 51	5 46	22 9	22 14	21 25			n.a.
S 10	21 1	16 53	2 43	16 33	3 19	4 7	2 48	23 35	1 13	5 24	1 3	17 33	2 22	1 51	0 40	18 14	1 31	28 51	5 46	22 9	22 13	21 25			n.a.
S 11	21 13	20 13	1 26	16 11	3 26	4 33	2 48	23 28	1 12	5 23	1 3	17 31	2 21	1 51	0 40	18 14	1 31	28 51	5 46	22 9	22 13	21 26			n.a.
M12	21 25	22 7	0 2	15 51	3 30	5 0	2 47	23 20	1 12	5 22	1 3	17 30	2 21	1 51	0 40	18 15	1 31	28 51	5 46	22 9	22 12	21 27			n.a.
T 13	21 37	22 23	1s22	15 35	3 32	5 27	2 46	23 12	1 11	5 21	1 2	17 29	2 21	1 51	0 40	18 15	1 31	28 51	5 46	22 9	22 12	21 27			n.a.
W14	21 47	21 2	2 38	15 22	3 32	5 53	2 45	23 4	1 10	5 21	1 2	17 27	2 21	1 52	0 40	18 15	1 31	28 51	5 47	22 9	22 11	21 28			n.a.
T 15	21 58	18 18	3 43	15 14	3 31	6 20	2 44	22 55	1 10	5 20	1 2	17 26	2 21	1 52	0 40	18 15	1 31	28 51	5 47	22 9	22 11	21 28			n.a.
F 16	22 8	14 32	4 32	15 9	3 27	6 47	2 43	22 47	1 9	5 19	1 2	17 24	2 20	1 52	0 40	18 15	1 31	28 51	5 47	22 9	22 10	21 29			n.a.
S 17	22 18	10 6	5 3	15 8	3 23	7 14	2 42	22 38	1 8	5 18	1 1	17 23	2 20	1 52	0 40	18 15	1 31	28 51	5 47	22 9	22 10	21 29			n.a.
S 18	22 27	5 19	5 17	15 10	3 17	7 40	2 41	22 29	1 8	5 18	1 1	17 21	2 20	1 52	0 40	18 16	1 31	28 51	5 47	22 9	22 9	21 30			n.a.
M19	22 36	0 28	5 15	15 15	3 10	8 7	2 39	22 19	1 7	5 17	1 1	17 20	2 20	1 52	0 40	18 16	1 31	28 51	5 47	22 9	22 9	21 30			n.a.
T 20	22 44	4s17	4 57	15 23	3 2	8 33	2 38	22 10	1 6	5 17	1 0	17 18	2 20	1 52	0 40	18 16	1 31	28 51	5 47	22 9	22 8	21 31			n.a.
W21	22 52	8 47	4 26	15 34	2 53	9 0	2 36	22 0	1 6	5 17	1 0	17 16	2 19	1 52	0 40	18 16	1 32	28 51	5 47	22 9	22 8	21 31			n.a.
T 22	22 59	12 51	3 44	15 47	2 45	9 26	2 35	21 50	1 5	5 16	1 0	17 15	2 19	1 52	0 40	18 16	1 32	28 51	5 47	22 9	22 7	21 32			n.a.
F 23	23 6	16 22	2 53	16 2	2 35	9 52	2 33	21 40	1 4	5 16	0 59	17 13	2 19	1 52	0 40	18 17	1 32	28 51	5 47	22 9	22 7	21 32			n.a.
S 24	23 13	19 12	1 54	16 19	2 26	10 18	2 31	21 30	1 4	5 16	0 59	17 11	2 19	1 52	0 40	18 17	1 32	28 50	5 47	22 9	22 6	21 33			n.a.
S 25	23 19	21 13	0 51	16 37	2 16	10 44	2 29	21 19	1 3	5 16	0 59	17 9	2 19	1 52	0 40	18 17	1 32	28 50	5 48	22 9	22 6	21 33			n.a.
M26	23 25	22 19	0n14	16 56	2 6	11 9	2 27	21 8	1 2	5 16	0 58	17 8	2 19	1 52	0 40	18 17	1 32	28 50	5 48	22 9	22 5	21 34			n.a.
T 27	23 30	22 24	1 19	17 16	1 56	11 35	2 25	20 57	1 1	5 17	0 58	17 6	2 18	1 52	0 40	18 18	1 32	28 50	5 48	22 9	22 5	21 34			n.a.
W28	23 34	21 29	2 21	17 38	1 46	12 0	2 23	20 46	1 1	5 17	0 58	17 4	2 18	1 51	0 39	18 18	1 32	28 50	5 48	22 9	22 4	21 35			n.a.
T 29	23 39	19 35	3 17	18 0	1 35	12 25	2 21	20 35	1 0	5 17	0 58	17 2	2 18	1 51	0 39	18 18	1 32	28 50	5 48	22 9	22 4	21 35			n.a.
F 30	23 42	16 47	4 5	18 22	1 25	12 50	2 18	20 23	0 59	5 17	0 57	17 0	2 18	1 51	0 39	18 19	1 32	28 50	5 48	22 9	22 3	21 36			n.a.
S 31	23s46	13s13	4n42	18s45	1n15	13s14	2n16	20s12	0s59	5n18	0s57	16s58	2s18	1s51	0s39	18n19	1n32	28n50	5n48	22s 8	22s 3	21s36			n.a.

Julian Day Number = 987604.5, Delta T = 13h06m20s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'17, Lahiri = -31°39'17 Julian Calendar 1 Dec. 2010 BCE == Greg. Calendar 14 Nov. 2010 BCE

The year -2009 astronomical counting style corresponds to year 2010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

JANUARY 2009 BCE (-2008) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 31 45	24♐30'56	23♒55	28♏24	12♏ 2	6♒21	15♈23	21♒ 2	26♓56	14°R21	15°R 3	8°R16	7♐41	3♐ 8	n.a.	S 1
M 2	5 35 42	25°31'30	6♓46	29°26	13°12	7° 5	15°24	21° 7	26°56	14♎20	15♊ 2	8♐14	7°38	3°14	n.a.	M 2
T 3	5 39 38	26°32'01	19°55	0♐30	14°23	7°49	15°25	21°13	26°57	14°20	15° 0	8°14	7°35	3°21	n.a.	T 3
W 4	5 43 35	27°32'31	3♈24	1°37	15°33	8°33	15°27	21°19	26°57	14°19	14°59	8°D14	7°32	3°28	n.a.	W 4
T 5	5 47 31	28°32'58	17°16	2°46	16°44	9°17	15°28	21°24	26°58	14°18	14°57	8°14	7°29	3°34	n.a.	T 5
F 6	5 51 28	29°33'23	1♉30	3°57	17°55	10° 1	15°30	21°30	26°59	14°16	14°56	8°16	7°26	3°41	n.a.	F 6
S 7	5 55 25	0♉33'46	16° 4	5°10	19° 5	10°45	15°32	21°36	27° 0	14°15	14°55	8°17	7°22	3°48	n.a.	S 7
S 8	5 59 21	1°34'07	0♊56	6°24	20°16	11°29	15°34	21°42	27° 0	14°14	14°53	8°R18	7°19	3°54	n.a.	S 8
M 9	6 3 18	2°34'26	15°58	7°40	21°27	12°12	15°36	21°48	27° 1	14°13	14°52	8°18	7°16	4° 1	n.a.	M 9
T 10	6 7 14	3°34'43	1♋ 3	8°58	22°38	12°56	15°39	21°54	27° 2	14°12	14°51	8°17	7°13	4° 7	n.a.	T 10
W11	6 11 11	4°34'58	16° 1	10°17	23°49	13°40	15°42	22° 0	27° 3	14°11	14°50	8°14	7°10	4°14	n.a.	W11
T 12	6 15 7	5°35'11	0♌45	11°37	25° 0	14°23	15°44	22° 6	27° 4	14°10	14°48	8°10	7° 7	4°21	n.a.	T 12
F 13	6 19 4	6°35'22	15° 6	12°59	26°11	15° 7	15°48	22°12	27° 5	14° 9	14°47	8° 6	7° 3	4°27	n.a.	F 13
S 14	6 23 1	7°35'31	29° 1	14°23	27°22	15°50	15°51	22°18	27° 7	14° 7	14°46	8° 2	7° 0	4°34	n.a.	S 14
S 15	6 26 57	8°35'38	12♍28	15°47	28°33	16°34	15°54	22°25	27° 8	14° 6	14°44	7°58	6°57	4°41	n.a.	S 15
M16	6 30 54	9°35'44	25°29	17°13	29°44	17°17	15°58	22°31	27° 9	14° 5	14°43	7°56	6°54	4°47	n.a.	M16
T 17	6 34 50	10°35'48	8♎ 5	18°40	0♐55	18° 0	16° 2	22°38	27°10	14° 4	14°42	7°D55	6°51	4°54	n.a.	T 17
W18	6 38 47	11°35'50	20°21	20° 9	2° 7	18°44	16° 6	22°44	27°12	14° 2	14°41	7°55	6°47	5° 1	n.a.	W18
T 19	6 42 43	12°35'50	2♏23	21°38	3°18	19°27	16°10	22°51	27°13	14° 1	14°39	7°57	6°44	5° 7	n.a.	T 19
F 20	6 46 40	13°35'48	14°14	23° 9	4°29	20°10	16°14	22°57	27°15	14° 0	14°38	7°58	6°41	5°14	n.a.	F 20
S 21	6 50 36	14°35'45	26° 1	24°41	5°41	20°54	16°19	23° 4	27°16	13°58	14°37	8° 0	6°38	5°21	n.a.	S 21
S 22	6 54 33	15°35'39	7♐47	26°14	6°52	21°37	16°23	23°11	27°18	13°57	14°36	8°R 1	6°35	5°27	n.a.	S 22
M23	6 58 29	16°35'32	19°37	27°48	8° 4	22°20	16°28	23°17	27°19	13°55	14°35	8° 0	6°32	5°34	n.a.	M23
T 24	7 2 26	17°35'23	1♑32	29°23	9°15	23° 3	16°33	23°24	27°21	13°54	14°34	7°57	6°28	5°41	n.a.	T 24
W25	7 6 23	18°35'11	13°37	0♑59	10°27	23°46	16°38	23°31	27°22	13°53	14°32	7°53	6°25	5°47	n.a.	W25
T 26	7 10 19	19°34'58	25°52	2°37	11°39	24°29	16°44	23°38	27°24	13°51	14°31	7°46	6°22	5°54	n.a.	T 26
F 27	7 14 16	20°34'42	8♒18	4°16	12°50	25°12	16°49	23°45	27°26	13°50	14°30	7°39	6°19	6° 0	n.a.	F 27
S 28	7 18 12	21°34'24	20°57	5°56	14° 2	25°55	16°55	23°52	27°28	13°48	14°29	7°30	6°16	6° 7	n.a.	S 28
S 29	7 22 9	22°34'03	3♓48	7°37	15°14	26°38	17° 1	23°59	27°30	13°47	14°28	7°23	6°13	6°14	n.a.	S 29
M30	7 26 5	23°33'40	16°52	9°19	16°25	27°21	17° 7	24° 6	27°31	13°45	14°27	7°16	6° 9	6°20	n.a.	M30
T 31	7 30 2	24♑33'15	0♈ 9	11♑ 3	17♐37	28♒ 4	17♈13	24♒13	27♓33	13♎44	14♊26	7♐11	6♐ 6	6♐27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s48	9s 0	5n 7	19s 8	1n 6	13s39	2n13	20s 0	0s58	5n19	0s57	16s56	2s17	1s51	0s39	18n19	1n32	28n50	5n48	22s 8	22s 2	21s37			n.a.
M 2	23 51	4 19	5 16	19 32	0 56	14 3	2 11	19 48	0 57	5 19	0 56	16 54	2 17	1 50	0 39	18 20	1 32	28 49	5 48	22 8	22 2	21 37			n.a.
T 3	23 53	0n40	5 10	19 55	0 46	14 26	2 8	19 36	0 57	5 20	0 56	16 52	2 17	1 50	0 39	18 20	1 32	28 49	5 48	22 7	22 1	21 37			n.a.
W 4	23 54	5 45	4 46	20 18	0 37	14 50	2 5	19 23	0 56	5 21	0 56	16 50	2 17	1 50	0 39	18 20	1 32	28 49	5 48	22 7	22 1	21 38			n.a.
T 5	23 55	10 41	4 6	20 41	0 27	15 13	2 3	19 11	0 55	5 22	0 55	16 48	2 17	1 50	0 39	18 21	1 32	28 49	5 48	22 7	22 0	21 38			n.a.
F 6	23 55	15 11	3 10	21 4	0 18	15 36	2 0	18 58	0 55	5 23	0 55	16 46	2 17	1 49	0 39	18 21	1 32	28 49	5 48	22 8	21 59	21 39			n.a.
S 7	23 55	18 53	2 0	21 26	0 9	15 58	1 57	18 45	0 54	5 24	0 55	16 44	2 17	1 49	0 39	18 21	1 32	28 49	5 48	22 8	21 59	21 39			n.a.
S 8	23 55	21 25	0 41	21 48	0 1	16 20	1 54	18 32	0 53	5 25	0 55	16 42	2 16	1 48	0 39	18 22	1 32	28 49	5 48	22 8	21 58	21 40			n.a.
M 9	23 54	22 28	0s42	22 10	0s 8	16 42	1 51	18 19	0 52	5 26	0 54	16 40	2 16	1 48	0 39	18 22	1 33	28 49	5 48	22 8	21 58	21 40			n.a.
T 10	23 52	21 53	2 2	22 30	0 16	17 3	1 48	18 6	0 52	5 27	0 54	16 38	2 16	1 48	0 39	18 22	1 33	28 48	5 48	22 8	21 57	21 40			n.a.
W11	23 51	19 45	3 13	22 50	0 24	17 24	1 45	17 52	0 51	5 28	0 54	16 36	2 16	1 47	0 39	18 23	1 33	28 48	5 48	22 7	21 57	21 41			n.a.
T 12	23 48	16 20	4 10	23 10	0 32	17 45	1 42	17 39	0 50	5 30	0 53	16 34	2 16	1 47	0 39	18 23	1 33	28 48	5 48	22 7	21 56	21 41			n.a.
F 13	23 45	12 2	4 49	23 28	0 40	18 5	1 39	17 25	0 50	5 31	0 53	16 31	2 16	1 46	0 39	18 24	1 33	28 48	5 48	22 6	21 56	21 42			n.a.
S 14	23 42	7 13	5 10	23 46	0 47	18 25	1 36	17 11	0 49	5 33	0 53	16 29	2 16	1 46	0 39	18 24	1 33	28 48	5 48	22 5	21 55	21 42			n.a.
S 15	23 38	2 13	5 13	24 2	0 54	18 44	1 33	16 57	0 48	5 34	0 53	16 27	2 15	1 45	0 39	18 24	1 33	28 48	5 48	22 5	21 55	21 42			n.a.
M16	23 34	2s44	4 59	24 18	1 1	19 3	1 30	16 43	0 48	5 36	0 52	16 25	2 15	1 45	0 39	18 25	1 33	28 48	5 48	22 4	21 54	21 43			n.a.
T 17	23 29	7 25	4 32	24 32	1 7	19 21	1 26	16 29	0 47	5 38	0 52	16 22	2 15	1 44	0 39	18 25	1 33	28 47	5 48	22 4	21 54	21 43			n.a.
W18	23 24	11 40	3 52	24 46	1 13	19 39	1 23	16 15	0 46	5 40	0 52	16 20	2 15	1 44	0 39	18 26	1 33	28 47	5 48	22 4	21 53	21 43			n.a.
T 19	23 19	15 24	3 3	24 58	1 19	19 56	1 20	16 0	0 45	5 42	0 51	16 18	2 15	1 43	0 39	18 26	1 33	28 47	5 48	22 5	21 52	21 44			n.a.
F 20	23 13	18 26	2 6	25 9	1 24	20 13	1 16	15 46	0 45	5 44	0 51	16 15	2 15	1 42	0 39	18 27	1 33	28 47	5 48	22 5	21 52	21 44			n.a.
S 21	23 6	20 42	1 5	25 18	1 30	20 29	1 13	15 31	0 44	5 46	0 51	16 13	2 15	1 42	0 39	18 27	1 33	28 47	5 48	22 5	21 51	21 44			n.a.
S 22	22 59	22 4	0 1	25 27	1 34	20 45	1 10	15 16	0 43	5 48	0 51	16 11	2 15	1 41	0 38	18 27	1 33	28 47	5 48	22 5	21 51	21 45			n.a.
M23	22 52	22 28	1n 3	25 33	1 39	21 0	1 6	15 1	0 43	5 50	0 50	16 8	2 14	1 40	0 38	18 28	1 33	28 47	5 48	22 5	21 50	21 45			n.a.
T 24	22 44	21 50	2 5	25 39	1 43	21 15	1 3	14 46	0 42	5 52	0 50	16 6	2 14	1 40	0 38	18 28	1 33	28 46	5 48	22 5	21 50	21 45			n.a.
W25	22 36	20 12	3 1	25 42	1 47	21 29	1 0	14 31	0 41	5 54	0 50	16 4	2 14	1 39	0 38	18 29	1 33	28 46	5 48	22 4	21 49	21 46			n.a.
T 26	22 28	17 38	3 51	25 44	1 50	21 42	0 56	14 16	0 41	5 57	0 49	16 1	2 14	1 38	0 38	18 29	1 33	28 46	5 48	22 3	21 49	21 46			n.a.
F 27	22 19	14 13	4 30	25 45	1 53	21 55	0 53	14 0	0 40	5 59	0 49	15 59	2 14	1 37	0 38	18 30	1 33	28 46	5 48	22 2	21 48	21 46			n.a.
S 28	22 9	10 8	4 56	25 43	1 56	22 8	0 50	13 45	0 39	6 2	0 49	15 56	2 14	1 37	0 38	18 30	1 33	28 46	5 48	22 0	21 47	21 47			n.a.
S 29	21 59	5 32	5 8	25 40	1 58	22 19	0 46	13 29	0 38	6 4	0 49	15 54	2 14	1 36	0 38	18 31	1 33	28 46	5 48	21 59	21 47	21 47			n.a.
M30	21 49	0 38	5 4	25 35	2 0	22 30	0 43	13 14	0 38	6 7	0 48	15 51	2 14	1 35	0 38	18 31	1 33	28 46	5 48	21 58	21 46	21 47			n.a.
T 31	21s39	4n24	4n44	25s28	2s 2	22s41	0n40	12s58	0s37	6n 9	0s48	15s49	2s14	1s34	0s38	18n32	1n33	28n45	5n48	21s57	21s46	21s48			n.a.

Julian Day Number = 987635.5, Delta T = 13h06m18s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'13, Lahiri = -31°39'13 Julian Calendar 1 Jan. 2009 BCE == Greg. Calendar 15 Dec. 2010 BCE

The year -2008 astronomical counting style corresponds to year 2009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

FEBRUARY 2009 BCE (-2008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 33 58	25♉32'47	13♈40	12♉48	18♐49	28♒46	17♈20	24♒20	27♓35	13°R42	14°R25	7°R 9	6♐ 3	6♐34	n.a.	W 1
T 2	7 37 55	26°32'17	27°26	14°33	20° 1	29°29	17°26	24°27	27°37	13♌40	14♊24	7°D 8	6° 0	6°40	n.a.	T 2
F 3	7 41 51	27°31'44	11♉27	16°21	21°13	0♓12	17°33	24°35	27°40	13°39	14°23	7♐ 9	5°57	6°47	n.a.	F 3
S 4	7 45 48	28°31'09	25°42	18° 9	22°25	0°54	17°39	24°42	27°42	13°37	14°22	7°10	5°53	6°54	n.a.	S 4
S 5	7 49 45	29°30'31	10♊11	19°59	23°36	1°37	17°46	24°49	27°44	13°36	14°21	7°R10	5°50	7° 0	n.a.	S 5
M 6	7 53 41	0♒29'51	24°49	21°50	24°48	2°19	17°54	24°57	27°46	13°34	14°20	7° 9	5°47	7° 7	n.a.	M 6
T 7	7 57 38	1°29'08	9♋33	23°42	26° 0	3° 2	18° 1	25° 4	27°48	13°33	14°19	7° 5	5°44	7°14	n.a.	T 7
W 8	8 1 34	2°28'23	24°14	25°36	27°12	3°44	18° 8	25°11	27°51	13°31	14°19	6°59	5°41	7°20	n.a.	W 8
T 9	8 5 31	3°27'36	8♌46	27°31	28°24	4°27	18°16	25°19	27°53	13°29	14°18	6°51	5°38	7°27	n.a.	T 9
F 10	8 9 27	4°26'46	23° 2	29°27	29°36	5° 9	18°23	25°26	27°55	13°28	14°17	6°42	5°34	7°34	n.a.	F 10
S 11	8 13 24	5°25'55	6♍56	1♒24	0♉48	5°51	18°31	25°34	27°58	13°26	14°16	6°32	5°31	7°40	n.a.	S 11
S 12	8 17 20	6°25'01	20°26	3°23	2° 0	6°34	18°39	25°41	28° 0	13°25	14°15	6°24	5°28	7°47	n.a.	S 12
M13	8 21 17	7°24'05	3♎30	5°22	3°12	7°16	18°47	25°49	28° 2	13°23	14°15	6°17	5°25	7°53	n.a.	M13
T 14	8 25 14	8°23'07	16°10	7°23	4°24	7°58	18°55	25°56	28° 5	13°21	14°14	6°12	5°22	8° 0	n.a.	T 14
W15	8 29 10	9°22'08	28°29	9°24	5°37	8°40	19° 4	26° 4	28° 7	13°20	14°13	6° 9	5°19	8° 7	n.a.	W15
T 16	8 33 7	10°21'06	10♏32	11°27	6°49	9°22	19°12	26°11	28°10	13°18	14°12	6°D 9	5°15	8°13	n.a.	T 16
F 17	8 37 3	11°20'02	22°25	13°30	8° 1	10° 4	19°21	26°19	28°13	13°16	14°12	6° 9	5°12	8°20	n.a.	F 17
S 18	8 41 0	12°18'57	4♐13	15°34	9°13	10°46	19°29	26°27	28°15	13°15	14°11	6°R10	5° 9	8°27	n.a.	S 18
S 19	8 44 56	13°17'50	16° 0	17°38	10°25	11°28	19°38	26°34	28°18	13°13	14°11	6° 9	5° 6	8°33	n.a.	S 19
M20	8 48 53	14°16'40	27°53	19°42	11°37	12°10	19°47	26°42	28°21	13°11	14°10	6° 7	5° 3	8°40	n.a.	M20
T 21	8 52 49	15°15'29	9♑55	21°47	12°50	12°52	19°56	26°50	28°23	13°10	14° 9	6° 2	4°59	8°47	n.a.	T 21
W22	8 56 46	16°14'16	22° 9	23°51	14° 2	13°34	20° 5	26°57	28°26	13° 8	14° 9	5°55	4°56	8°53	n.a.	W22
T 23	9 0 42	17°13'00	4♒37	25°54	15°14	14°16	20°15	27° 5	28°29	13° 6	14° 8	5°45	4°53	9° 0	n.a.	T 23
F 24	9 4 39	18°11'43	17°21	27°56	16°26	14°58	20°24	27°13	28°32	13° 5	14° 8	5°33	4°50	9° 7	n.a.	F 24
S 25	9 8 36	19°10'23	0♓20	29°57	17°39	15°39	20°34	27°21	28°35	13° 3	14° 7	5°21	4°47	9°13	n.a.	S 25
S 26	9 12 32	20° 9'02	13°34	1♓56	18°51	16°21	20°43	27°28	28°37	13° 2	14° 7	5° 9	4°44	9°20	n.a.	S 26
M27	9 16 29	21° 7'37	26°59	3°53	20° 3	17° 3	20°53	27°36	28°40	13° 0	14° 6	4°58	4°40	9°26	n.a.	M27
T 28	9 20 25	22° 6'11	10♈35	5°48	21°16	17°44	21° 3	27°44	28°43	12°58	14° 6	4°50	4°37	9°33	n.a.	T 28
W29	9 24 22	23♒ 4'42	24♈20	7♓40	22♉28	18♓26	21♈13	27♒52	28♓46	12♌57	14♊ 6	4♐45	4♐34	9♐40	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21 s28	9n18	4n 8	25 s20	2 s 3	22 s51	0n36	12 s42	0 s36	6n12	0 s48	15 s46	2 s14	1 s33	0 s38	18n32	1n33	28n45	5n48	21 s57	21 s45	21 s48		n.a.
T 2	21 16	13 50	3 18	25 9	2 3	23 0	0 33	12 26	0 36	6 15	0 48	15 44	2 14	1 33	0 38	18 33	1 33	28 45	5 48	21 56	21 45	21 48		n.a.
F 3	21 5	17 42	2 14	24 56	2 3	23 8	0 29	12 10	0 35	6 18	0 47	15 41	2 14	1 32	0 38	18 33	1 33	28 45	5 48	21 57	21 44	21 48		n.a.
S 4	20 52	20 34	1 1	24 42	2 3	23 16	0 26	11 54	0 34	6 21	0 47	15 39	2 13	1 31	0 38	18 34	1 33	28 45	5 48	21 57	21 43	21 49		n.a.
S 5	20 40	22 10	0 s16	24 25	2 2	23 23	0 23	11 38	0 34	6 23	0 47	15 36	2 13	1 30	0 38	18 34	1 33	28 45	5 48	21 57	21 43	21 49		n.a.
M 6	20 27	22 16	1 34	24 6	2 0	23 30	0 20	11 22	0 33	6 26	0 47	15 33	2 13	1 29	0 38	18 35	1 34	28 44	5 48	21 57	21 42	21 49		n.a.
T 7	20 14	20 50	2 45	23 44	1 58	23 36	0 16	11 6	0 32	6 30	0 46	15 31	2 13	1 28	0 38	18 35	1 34	28 44	5 48	21 56	21 42	21 49		n.a.
W 8	20 0	18 1	3 45	23 21	1 56	23 41	0 13	10 50	0 32	6 33	0 46	15 28	2 13	1 27	0 38	18 36	1 34	28 44	5 48	21 55	21 41	21 50		n.a.
T 9	19 46	14 6	4 30	22 55	1 53	23 45	0 10	10 33	0 31	6 36	0 46	15 26	2 13	1 26	0 38	18 36	1 34	28 44	5 48	21 54	21 41	21 50		n.a.
F 10	19 32	9 27	4 57	22 28	1 49	23 49	0 7	10 17	0 30	6 39	0 46	15 23	2 13	1 25	0 38	18 37	1 34	28 44	5 48	21 52	21 40	21 50		n.a.
S 11	19 18	4 26	5 5	21 58	1 45	23 52	0 3	10 0	0 30	6 42	0 45	15 20	2 13	1 24	0 38	18 37	1 34	28 44	5 48	21 50	21 40	21 50		n.a.
S 12	19 3	0 s40	4 56	21 25	1 40	23 54	0 0	9 44	0 29	6 45	0 45	15 18	2 13	1 23	0 38	18 38	1 34	28 44	5 48	21 49	21 39	21 51		n.a.
M13	18 48	5 33	4 32	20 51	1 35	23 56	0 s 3	9 27	0 28	6 49	0 45	15 15	2 13	1 22	0 38	18 38	1 34	28 43	5 48	21 48	21 38	21 51		n.a.
T 14	18 32	10 5	3 55	20 14	1 29	23 57	0 6	9 10	0 28	6 52	0 45	15 12	2 13	1 21	0 38	18 39	1 34	28 43	5 48	21 47	21 38	21 51		n.a.
W15	18 16	14 3	3 7	19 35	1 23	23 57	0 9	8 54	0 27	6 56	0 44	15 10	2 13	1 20	0 38	18 39	1 34	28 43	5 48	21 46	21 37	21 51		n.a.
T 16	18 0	17 22	2 13	18 54	1 16	23 57	0 12	8 37	0 26	6 59	0 44	15 7	2 13	1 19	0 38	18 40	1 34	28 43	5 48	21 46	21 37	21 52		n.a.
F 17	17 44	19 55	1 13	18 11	1 8	23 56	0 15	8 20	0 25	7 3	0 44	15 4	2 13	1 18	0 38	18 40	1 34	28 43	5 47	21 46	21 36	21 52		n.a.
S 18	17 27	21 35	0 10	17 26	1 0	23 54	0 18	8 3	0 25	7 6	0 44	15 2	2 13	1 17	0 38	18 41	1 34	28 43	5 47	21 46	21 35	21 52		n.a.
S 19	17 10	22 18	0n52	16 40	0 51	23 51	0 21	7 46	0 24	7 10	0 44	14 59	2 13	1 16	0 38	18 41	1 34	28 43	5 47	21 46	21 35	21 52		n.a.
M20	16 53	22 1	1 53	15 52	0 42	23 48	0 24	7 30	0 23	7 13	0 43	14 56	2 13	1 15	0 38	18 42	1 34	28 42	5 47	21 46	21 34	21 52		n.a.
T 21	16 35	20 44	2 50	15 2	0 32	23 44	0 27	7 13	0 23	7 17	0 43	14 53	2 13	1 13	0 38	18 42	1 34	28 42	5 47	21 45	21 34	21 52		n.a.
W22	16 17	18 28	3 39	14 11	0 21	23 39	0 29	6 56	0 22	7 21	0 43	14 51	2 13	1 12	0 37	18 42	1 34	28 42	5 47	21 44	21 33	21 53		n.a.
T 23	15 59	15 18	4 19	13 19	0 11	23 34	0 32	6 39	0 21	7 25	0 43	14 48	2 13	1 11	0 37	18 43	1 34	28 42	5 47	21 42	21 33	21 53		n.a.
F 24	15 41	11 24	4 47	12 26	0n 0	23 28	0 35	6 22	0 21	7 28	0 42	14 45	2 13	1 10	0 37	18 43	1 34	28 42	5 47	21 40	21 32	21 53		n.a.
S 25	15 22	6 54	5 0	11 32	0 12	23 21	0 38	6 5	0 20	7 32	0 42	14 43	2 13	1 9	0 37	18 44	1 34	28 42	5 47	21 38	21 31	21 53		n.a.
S 26	15 4	2 1	4 58	10 38	0 23	23 14	0 40	5 47	0 19	7 36	0 42	14 40	2 13	1 8	0 37	18 44	1 34	28 42	5 47	21 35	21 31	21 53		n.a.
M27	14 45	3n 3	4 40	9 44	0 35	23 6	0 43	5 30	0 19	7 40	0 42	14 37	2 13	1 6	0 37	18 45	1 34	28 42	5 47	21 33	21 30	21 53		n.a.
T 28	14 25	8 1	4 5	8 51	0 47	22 57	0 45	5 13	0 18	7 44	0 42	14 34	2 13	1 5	0 37	18 45	1 34	28 41	5 47	21 32	21 30	21 54		n.a.
W29	14 s 6	12n39	3n16	7 s58	0n59	22 s47	0 s48	4 s56	0 s18	7n48	0 s41	14 s32	2 s13	1 s 4	0 s37	18n46	1n34	28n41	5n47	21 s31	21 s29	21 s54		n.a.

Julian Day Number = 987666.5, Delta T = 13h06m16s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'09, Lahiri = -31°39'08 Julian Calendar 1 Feb. 2009 BCE == Greg. Calendar 15 Jan. 2009 BCE

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

MARCH 2009 BCE (-2008) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 28 18	24♒ 3'11	8♉13	9♓29	23♉40	19♓ 7	21♈23	28♒ 0	28♓49	12°R55	14°R 5	4°R42	4♐31	9♐46	n.a.	T 1
F 2	9 32 15	25° 1'38	22°13	11°15	24°53	19°49	21°33	28° 7	28°52	12♌53	14♊ 5	4°D42	4°28	9°53	n.a.	F 2
S 3	9 36 11	26° 0'02	6♊19	12°57	26° 5	20°30	21°43	28°15	28°55	12°52	14° 5	4°R42	4°25	10° 0	n.a.	S 3
S 4	9 40 8	26°58'25	20°31	14°35	27°17	21°12	21°54	28°23	28°58	12°50	14° 5	4♐41	4°21	10° 6	n.a.	S 4
M 5	9 44 4	27°56'44	4♋47	16° 9	28°30	21°53	22° 4	28°31	29° 1	12°49	14° 4	4°39	4°18	10°13	n.a.	M 5
T 6	9 48 1	28°55'02	19° 5	17°39	29°42	22°34	22°15	28°39	29° 5	12°47	14° 4	4°34	4°15	10°20	n.a.	T 6
W 7	9 51 58	29°53'17	3♌20	19° 4	0♒55	23°15	22°25	28°46	29° 8	12°46	14° 4	4°26	4°12	10°26	n.a.	W 7
T 8	9 55 54	0♓51'30	17°29	20°25	2° 7	23°57	22°36	28°54	29°11	12°44	14° 4	4°16	4° 9	10°33	n.a.	T 8
F 9	9 59 51	1°49'42	1♍25	21°41	3°20	24°38	22°47	29° 2	29°14	12°42	14° 4	4° 4	4° 5	10°40	n.a.	F 9
S 10	10 3 47	2°47'51	15° 5	22°52	4°32	25°19	22°58	29°10	29°17	12°41	14° 3	3°52	4° 2	10°46	n.a.	S 10
S 11	10 7 44	3°45'58	28°25	23°58	5°44	26° 0	23° 9	29°18	29°20	12°39	14° 3	3°40	3°59	10°53	n.a.	S 11
M12	10 11 40	4°44'03	11♎24	24°59	6°57	26°41	23°20	29°25	29°24	12°38	14° 3	3°31	3°56	11° 0	n.a.	M12
T 13	10 15 37	5°42'07	24° 2	25°55	8° 9	27°22	23°31	29°33	29°27	12°36	14°D 3	3°24	3°53	11° 6	n.a.	T 13
W14	10 19 33	6°40'09	6♏21	26°46	9°22	28° 3	23°42	29°41	29°30	12°35	14° 3	3°19	3°50	11°13	n.a.	W14
T 15	10 23 30	7°38'10	18°25	27°31	10°34	28°44	23°53	29°49	29°33	12°33	14° 3	3°17	3°46	11°19	n.a.	T 15
F 16	10 27 26	8°36'09	0♐19	28°12	11°47	29°25	24° 5	29°56	29°37	12°32	14° 3	3°16	3°43	11°26	n.a.	F 16
S 17	10 31 23	9°34'07	12° 7	28°46	13° 0	0♈ 6	24°16	0♓ 4	29°40	12°31	14° 4	3°16	3°40	11°33	n.a.	S 17
S 18	10 35 19	10°32'03	23°57	29°16	14°12	0°47	24°28	0°12	29°43	12°29	14° 4	3°16	3°37	11°39	n.a.	S 18
M19	10 39 16	11°29'58	5♉52	29°40	15°25	1°27	24°39	0°20	29°47	12°28	14° 4	3°14	3°34	11°46	n.a.	M19
T 20	10 43 13	12°27'51	17°58	29°59	16°37	2° 8	24°51	0°27	29°50	12°26	14° 4	3°10	3°30	11°53	n.a.	T 20
W21	10 47 9	13°25'42	0♒19	0♈12	17°50	2°49	25° 3	0°35	29°53	12°25	14° 4	3° 3	3°27	11°59	n.a.	W21
T 22	10 51 6	14°23'32	12°57	0°20	19° 3	3°30	25°15	0°43	29°57	12°24	14° 4	2°53	3°24	12° 6	n.a.	T 22
F 23	10 55 2	15°21'21	25°56	0°R23	20°15	4°10	25°27	0°50	0♈ 0	12°22	14° 5	2°42	3°21	12°13	n.a.	F 23
S 24	10 58 59	16°19'08	9♓14	0°20	21°28	4°51	25°38	0°58	0° 4	12°21	14° 5	2°30	3°18	12°19	n.a.	S 24
S 25	11 2 55	17°16'53	22°49	0°13	22°40	5°31	25°50	1° 6	0° 7	12°20	14° 5	2°18	3°15	12°26	n.a.	S 25
M26	11 6 52	18°14'37	6♈39	0° 2	23°53	6°12	26° 3	1°13	0°10	12°18	14° 5	2° 8	3°11	12°33	n.a.	M26
T 27	11 10 48	19°12'19	20°40	29♓45	25° 6	6°52	26°15	1°21	0°14	12°17	14° 6	2° 0	3° 8	12°39	n.a.	T 27
W28	11 14 45	20°10'00	4♉48	29°25	26°19	7°33	26°27	1°28	0°17	12°16	14° 6	1°55	3° 5	12°46	n.a.	W28
T 29	11 18 42	21° 7'39	18°58	29° 1	27°31	8°13	26°39	1°36	0°21	12°15	14° 7	1°53	3° 2	12°53	n.a.	T 29
F 30	11 22 38	22° 5'16	3♊ 9	28°34	28°44	8°54	26°51	1°43	0°24	12°14	14° 7	1°D52	2°59	12°59	n.a.	F 30
S 31	11 26 35	23♓ 2'52	17♊19	28♓ 4	29♒57	9♈34	27♈ 4	1♓51	0♈28	12♌12	14♊ 7	1°R53	2♐56	13♐ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	13s46	16n39	2n15	7s 5	1n10	22s37	0s50	4s39	0s17	7n52	0s41	14s29	2s13	1s 3	0s37	18n46	1n34	28n41	5n47	21s31	21s28	21s54			n.a.
F 2	13 26	19 45	1 6	6 14	1 22	22 27	0 52	4 22	0 16	7 56	0 41	14 26	2 13	1 2	0 37	18 47	1 34	28 41	5 47	21 30	21 28	21 54			n.a.
S 3	13 6	21 40	0s 9	5 24	1 33	22 15	0 55	4 4	0 16	8 0	0 41	14 23	2 13	1 0	0 37	18 47	1 34	28 41	5 46	21 30	21 27	21 54			n.a.
S 4	12 46	22 12	1 23	4 36	1 44	22 3	0 57	3 47	0 15	8 4	0 41	14 21	2 13	0 59	0 37	18 48	1 34	28 41	5 46	21 30	21 27	21 54			n.a.
M 5	12 26	21 18	2 32	3 49	1 54	21 50	0 59	3 30	0 14	8 9	0 40	14 18	2 13	0 58	0 37	18 48	1 34	28 41	5 46	21 30	21 26	21 54			n.a.
T 6	12 5	19 2	3 32	3 4	2 5	21 37	1 1	3 13	0 14	8 13	0 40	14 15	2 13	0 56	0 37	18 49	1 34	28 41	5 46	21 29	21 25	21 55			n.a.
W 7	11 44	15 37	4 18	2 22	2 14	21 23	1 3	2 56	0 13	8 17	0 40	14 12	2 13	0 55	0 37	18 49	1 34	28 41	5 46	21 27	21 25	21 55			n.a.
T 8	11 23	11 20	4 48	1 41	2 23	21 9	1 5	2 38	0 12	8 21	0 40	14 10	2 13	0 54	0 37	18 50	1 34	28 40	5 46	21 26	21 24	21 55			n.a.
F 9	11 2	6 31	5 0	1 3	2 31	20 53	1 7	2 21	0 12	8 25	0 40	14 7	2 13	0 53	0 37	18 50	1 34	28 40	5 46	21 23	21 24	21 55			n.a.
S 10	10 41	1 28	4 55	0 28	2 39	20 38	1 9	2 4	0 11	8 30	0 39	14 4	2 13	0 51	0 37	18 50	1 34	28 40	5 46	21 21	21 23	21 55			n.a.
S 11	10 20	3s32	4 33	0n 5	2 46	20 21	1 11	1 47	0 10	8 34	0 39	14 1	2 13	0 50	0 37	18 51	1 34	28 40	5 46	21 19	21 22	21 55			n.a.
M12	9 58	8 14	3 58	0 35	2 52	20 4	1 12	1 30	0 10	8 38	0 39	13 58	2 13	0 49	0 37	18 51	1 34	28 40	5 46	21 17	21 22	21 55			n.a.
T 13	9 36	12 28	3 12	1 2	2 57	19 47	1 14	1 12	0 9	8 43	0 39	13 56	2 13	0 47	0 37	18 52	1 34	28 40	5 46	21 16	21 21	21 55			n.a.
W14	9 15	16 4	2 18	1 27	3 1	19 29	1 16	0 55	0 8	8 47	0 39	13 53	2 13	0 46	0 37	18 52	1 34	28 40	5 46	21 15	21 21	21 55			n.a.
T 15	8 53	18 54	1 18	1 48	3 4	19 10	1 17	0 38	0 8	8 52	0 38	13 50	2 13	0 45	0 37	18 53	1 34	28 40	5 45	21 14	21 20	21 55			n.a.
F 16	8 30	20 53	0 16	2 7	3 6	18 51	1 18	0 21	0 7	8 56	0 38	13 47	2 13	0 43	0 37	18 53	1 34	28 40	5 45	21 14	21 19	21 55			n.a.
S 17	8 8	21 56	0n47	2 22	3 8	18 32	1 20	0 4	0 7	9 0	0 38	13 45	2 13	0 42	0 37	18 53	1 34	28 40	5 45	21 14	21 19	21 55			n.a.
S 18	7 46	22 0	1 47	2 34	3 8	18 12	1 21	0n13	0 6	9 5	0 38	13 42	2 13	0 41	0 37	18 54	1 34	28 40	5 45	21 14	21 18	21 55			n.a.
M19	7 24	21 4	2 44	2 42	3 7	17 51	1 22	0 31	0 5	9 9	0 38	13 39	2 13	0 39	0 37	18 54	1 34	28 40	5 45	21 14	21 17	21 55			n.a.
T 20	7 1	19 10	3 33	2 48	3 4	17 30	1 24	0 48	0 5	9 14	0 38	13 37	2 13	0 38	0 37	18 55	1 34	28 39	5 45	21 13	21 17	21 56			n.a.
W21	6 38	16 21	4 14	2 50	3 1	17 8	1 25	1 5	0 4	9 18	0 37	13 34	2 14	0 36	0 37	18 55	1 34	28 39	5 45	21 11	21 16	21 56			n.a.
T 22	6 16	12 44	4 44	2 49	2 56	16 46	1 26	1 22	0 3	9 23	0 37	13 31	2 14	0 35	0 37	18 55	1 34	28 39	5 45	21 10	21 16	21 56			n.a.
F 23	5 53	8 27	4 59	2 45	2 51	16 24	1 27	1 39	0 3	9 28	0 37	13 28	2 14	0 34	0 37	18 56	1 34	28 39	5 45	21 7	21 15	21 56			n.a.
S 24	5 30	3 39	4 59	2 38	2 43	16 1	1 28	1 56	0 2	9 32	0 37	13 26	2 14	0 32	0 37	18 56	1 34	28 39	5 45	21 5	21 14	21 56			n.a.
S 25	5 7	1n24	4 43	2 27	2 35	15 37	1 28	2 13	0 2	9 37	0 37	13 23	2 14	0 31	0 37	18 56	1 34	28 39	5 45	21 3	21 14	21 56			n.a.
M26	4 44	6 29	4 9	2 14	2 26	15 14	1 29	2 30	0 1	9 41	0 37	13 20	2 14	0 29	0 37	18 57	1 34	28 39	5 45	21 1	21 13	21 56			n.a.
T 27	4 21	11 19	3 20	1 57	2 15	14 49	1 30	2 47	0 0	9 46	0 36	13 18	2 14	0 28	0 37	18 57	1 34	28 39	5 44	20 59	21 13	21 56			n.a.
W28	3 58	15 33	2 19	1 38	2 3	14 25	1 31	3 3	0n 0	9 51	0 36	13 15	2 14	0 27	0 37	18 57	1 33	28 39	5 44	20 58	21 12	21 56			n.a.
T 29	3 35	18 54	1 8	1 17	1 50	14 0	1 31	3 20	0 1	9 55	0 36	13 12	2 14	0 25	0 37	18 58	1 33	28 39	5 44	20 57	21 11	21 56			n.a.
F 30	3 12	21 6	0s 7	0 53	1 37	13 35	1 32	3 37	0 1	10 0	0 36	13 10	2 14	0 24	0 37	18 58	1 33	28 39	5 44	20 57	21 11	21 56			n.a.
S 31	2s49	21n57	1s21	0n28	1n22	13s 9	1s32	3n54	0n 2	10n 5	0s36	13s 7	2s14	0s22	0s37	18n58	1n33	28n39	5n44	20s57	21s10	21s56			n.a.

Julian Day Number = 987695.5, Delta T = 13h06m14s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'05, Lahiri = -31°39'04 Julian Calendar 1 March 2009 BCE == Greg. Calendar 13 Feb. 2009 BCE

The year -2008 astronomical counting style corresponds to year 2009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

APRIL 2009 BCE (-2008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 30 31	24♓ 0'25	1♋26	27°R32	1♓ 9	10♈14	27♈16	1♓58	0♈31	12°R11	14♊ 8	1°R52	2♐52	13♐12	n.a.	S 1
M 2	11 34 28	24°57'57	15°29	26♓58	2°22	10°55	27°29	2° 6	0°35	12♌10	14° 8	1♐51	2°49	13°19	n.a.	M 2
T 3	11 38 24	25°55'28	29°27	26°24	3°35	11°35	27°41	2°13	0°38	12° 9	14° 9	1°47	2°46	13°26	n.a.	T 3
W 4	11 42 21	26°52'56	13♌18	25°48	4°48	12°15	27°54	2°21	0°42	12° 8	14°10	1°41	2°43	13°32	n.a.	W 4
T 5	11 46 17	27°50'23	27° 1	25°13	6° 0	12°55	28° 6	2°28	0°45	12° 7	14°10	1°32	2°40	13°39	n.a.	T 5
F 6	11 50 14	28°47'49	10♍32	24°39	7°13	13°35	28°19	2°35	0°49	12° 6	14°11	1°22	2°36	13°46	n.a.	F 6
S 7	11 54 10	29°45'13	23°49	24° 6	8°26	14°16	28°32	2°42	0°52	12° 5	14°11	1°12	2°33	13°52	n.a.	S 7
S 8	11 58 7	0♈42'37	6♎51	23°36	9°39	14°56	28°45	2°50	0°56	12° 4	14°12	1° 2	2°30	13°59	n.a.	S 8
M 9	12 2 4	1°39'58	19°36	23° 7	10°51	15°36	28°57	2°57	0°59	12° 3	14°13	0°54	2°27	14° 6	n.a.	M 9
T 10	12 6 0	2°37'19	2♏ 5	22°42	12° 4	16°16	29°10	3° 4	1° 3	12° 2	14°13	0°48	2°24	14°12	n.a.	T 10
W11	12 9 57	3°34'39	14°19	22°19	13°17	16°56	29°23	3°11	1° 6	12° 1	14°14	0°44	2°21	14°19	n.a.	W11
T 12	12 13 53	4°31'58	26°20	22° 1	14°30	17°36	29°36	3°18	1°10	12° 0	14°15	0°D43	2°17	14°26	n.a.	T 12
F 13	12 17 50	5°29'17	8♐13	21°46	15°43	18°15	29°49	3°25	1°13	12° 0	14°16	0°43	2°14	14°32	n.a.	F 13
S 14	12 21 46	6°26'34	20° 2	21°35	16°56	18°55	0♉ 2	3°32	1°16	11°59	14°16	0°44	2°11	14°39	n.a.	S 14
S 15	12 25 43	7°23'51	1♑52	21°29	18° 9	19°35	0°15	3°39	1°20	11°58	14°17	0°R45	2° 8	14°46	n.a.	S 15
M16	12 29 39	8°21'07	13°47	21°D27	19°22	20°15	0°28	3°46	1°23	11°57	14°18	0°45	2° 5	14°52	n.a.	M16
T 17	12 33 36	9°18'22	25°55	21°29	20°35	20°55	0°41	3°53	1°27	11°56	14°19	0°43	2° 1	14°59	n.a.	T 17
W18	12 37 33	10°15'37	8♒18	21°36	21°47	21°35	0°54	4° 0	1°30	11°56	14°20	0°40	1°58	15° 5	n.a.	W18
T 19	12 41 29	11°12'50	21° 1	21°47	23° 0	22°14	1° 8	4° 7	1°34	11°55	14°21	0°35	1°55	15°12	n.a.	T 19
F 20	12 45 26	12°10'04	4♓ 7	22° 3	24°13	22°54	1°21	4°14	1°37	11°54	14°22	0°28	1°52	15°19	n.a.	F 20
S 21	12 49 22	13° 7'16	17°36	22°24	25°26	23°34	1°34	4°20	1°41	11°54	14°23	0°20	1°49	15°25	n.a.	S 21
S 22	12 53 19	14° 4'28	1♈28	22°49	26°39	24°13	1°47	4°27	1°44	11°53	14°24	0°13	1°46	15°32	n.a.	S 22
M23	12 57 15	15° 1'40	15°38	23°18	27°52	24°53	2° 1	4°34	1°48	11°53	14°25	0° 6	1°42	15°39	n.a.	M23
T 24	13 1 12	15°58'50	0♉ 3	23°51	29° 5	25°33	2°14	4°40	1°51	11°52	14°26	0° 1	1°39	15°45	n.a.	T 24
W25	13 5 8	16°56'00	14°36	24°29	0♈19	26°12	2°27	4°47	1°54	11°52	14°27	29♏58	1°36	15°52	n.a.	W25
T 26	13 9 5	17°53'09	29°10	25°10	1°32	26°52	2°41	4°53	1°58	11°51	14°28	29°D57	1°33	15°59	n.a.	T 26
F 27	13 13 2	18°50'18	13♊41	25°56	2°45	27°31	2°54	4°59	2° 1	11°51	14°29	29°58	1°30	16° 5	n.a.	F 27
S 28	13 16 58	19°47'25	28° 5	26°45	3°58	28°11	3° 7	5° 6	2° 5	11°50	14°30	29°59	1°27	16°12	n.a.	S 28
S 29	13 20 55	20°44'32	12♋18	27°38	5°11	28°50	3°21	5°12	2° 8	11°50	14°31	0♐ 0	1°23	16°19	n.a.	S 29
M30	13 24 51	21♈41'38	26♋19	28♓35	6♈24	29♈29	3♉34	5♓18	2♈11	11♌50	14♊32	0°R 0	1♐20	16♐25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s26	21n24	2s30	0n 1	1n 6	12s43	1s32	4n10	0n 3	10n 9	0s36	13s 4	2s15	0s21	0s37	18n59	1n33	28n39	5n44	20s57	21s 9	21s56		n.a.
M 2	2 2	19 31	3 30	0s27	0 51	12 17	1 33	4 27	0 3	10 14	0 35	13 2	2 15	0 20	0 37	18 59	1 33	28 39	5 44	20 57	21 9	21 56		n.a.
T 3	1 39	16 29	4 17	0 57	0 34	11 50	1 33	4 44	0 4	10 19	0 35	12 59	2 15	0 18	0 37	18 59	1 33	28 39	5 44	20 56	21 8	21 56		n.a.
W 4	1 16	12 34	4 48	1 26	0 17	11 23	1 33	5 0	0 4	10 24	0 35	12 56	2 15	0 17	0 37	18 59	1 33	28 39	5 44	20 55	21 7	21 56		n.a.
T 5	0 53	8 1	5 3	1 56	0 0	10 56	1 33	5 17	0 5	10 28	0 35	12 54	2 15	0 15	0 37	19 0	1 33	28 39	5 44	20 53	21 7	21 55		n.a.
F 6	0 29	3 9	5 0	2 25	0s16	10 28	1 33	5 33	0 6	10 33	0 35	12 51	2 15	0 14	0 37	19 0	1 33	28 39	5 44	20 51	21 6	21 55		n.a.
S 7	0 6	1s47	4 41	2 54	0 33	10 0	1 33	5 50	0 6	10 38	0 35	12 49	2 15	0 12	0 37	19 0	1 33	28 39	5 44	20 49	21 6	21 55		n.a.
S 8	0n17	6 32	4 7	3 21	0 50	9 32	1 33	6 6	0 7	10 43	0 35	12 46	2 15	0 11	0 37	19 1	1 33	28 39	5 44	20 47	21 5	21 55		n.a.
M 9	0 41	10 55	3 22	3 47	1 6	9 4	1 33	6 22	0 7	10 47	0 34	12 44	2 16	0 10	0 37	19 1	1 33	28 39	5 43	20 45	21 4	21 55		n.a.
T 10	1 4	14 44	2 27	4 11	1 21	8 35	1 32	6 39	0 8	10 52	0 34	12 41	2 16	0 8	0 37	19 1	1 33	28 39	5 43	20 44	21 4	21 55		n.a.
W11	1 27	17 50	1 27	4 34	1 36	8 6	1 32	6 55	0 9	10 57	0 34	12 39	2 16	0 7	0 37	19 1	1 33	28 39	5 43	20 43	21 3	21 55		n.a.
T 12	1 50	20 6	0 24	4 54	1 50	7 37	1 32	7 11	0 9	11 2	0 34	12 36	2 16	0 5	0 37	19 1	1 33	28 39	5 43	20 43	21 2	21 55		n.a.
F 13	2 13	21 28	0n40	5 12	2 3	7 8	1 31	7 27	0 10	11 6	0 34	12 34	2 16	0 4	0 37	19 2	1 33	28 39	5 43	20 43	21 2	21 55		n.a.
S 14	2 36	21 51	1 42	5 28	2 15	6 39	1 30	7 43	0 10	11 11	0 34	12 31	2 16	0 3	0 37	19 2	1 33	28 39	5 43	20 43	21 1	21 55		n.a.
S 15	3 0	21 15	2 40	5 40	2 26	6 9	1 30	7 59	0 11	11 16	0 34	12 29	2 16	0 1	0 37	19 2	1 33	28 39	5 43	20 43	21 0	21 55		n.a.
M16	3 23	19 42	3 31	5 51	2 36	5 39	1 29	8 15	0 11	11 21	0 33	12 26	2 17	0n 0	0 37	19 2	1 33	28 39	5 43	20 43	21 0	21 55		n.a.
T 17	3 46	17 15	4 13	5 58	2 45	5 9	1 28	8 30	0 12	11 26	0 33	12 24	2 17	0 2	0 37	19 2	1 33	28 39	5 43	20 43	20 59	21 55		n.a.
W18	4 9	13 58	4 45	6 3	2 54	4 39	1 28	8 46	0 13	11 30	0 33	12 21	2 17	0 3	0 37	19 3	1 33	28 39	5 43	20 42	20 59	21 54		n.a.
T 19	4 31	9 59	5 4	6 5	3 1	4 9	1 27	9 2	0 13	11 35	0 33	12 19	2 17	0 5	0 37	19 3	1 33	28 39	5 43	20 41	20 58	21 54		n.a.
F 20	4 54	5 26	5 7	6 4	3 7	3 39	1 26	9 17	0 14	11 40	0 33	12 17	2 17	0 6	0 37	19 3	1 33	28 39	5 43	20 40	20 57	21 54		n.a.
S 21	5 17	0 29	4 54	6 0	3 12	3 8	1 25	9 33	0 14	11 45	0 33	12 14	2 17	0 7	0 37	19 3	1 33	28 39	5 43	20 38	20 57	21 54		n.a.
S 22	5 40	4n37	4 24	5 54	3 16	2 38	1 24	9 48	0 15	11 50	0 33	12 12	2 18	0 9	0 37	19 3	1 33	28 39	5 43	20 36	20 56	21 54		n.a.
M23	6 2	9 36	3 37	5 45	3 19	2 7	1 23	10 4	0 15	11 54	0 33	12 10	2 18	0 10	0 37	19 3	1 33	28 40	5 42	20 35	20 55	21 54		n.a.
T 24	6 25	14 7	2 35	5 34	3 21	1 37	1 22	10 19	0 16	11 59	0 32	12 7	2 18	0 11	0 37	19 3	1 33	28 40	5 42	20 34	20 55	21 54		n.a.
W25	6 47	17 51	1 22	5 20	3 23	1 6	1 20	10 34	0 16	12 4	0 32	12 5	2 18	0 13	0 37	19 4	1 33	28 40	5 42	20 33	20 54	21 54		n.a.
T 26	7 9	20 27	0 4	5 3	3 23	0 35	1 19	10 49	0 17	12 9	0 32	12 3	2 18	0 14	0 37	19 4	1 33	28 40	5 42	20 33	20 53	21 53		n.a.
F 27	7 31	21 41	1s14	4 44	3 23	0 4	1 18	11 4	0 18	12 13	0 32	12 1	2 18	0 16	0 37	19 4	1 33	28 40	5 42	20 33	20 53	21 53		n.a.
S 28	7 53	21 28	2 27	4 23	3 21	0n26	1 16	11 19	0 18	12 18	0 32	11 58	2 19	0 17	0 37	19 4	1 32	28 40	5 42	20 33	20 52	21 53		n.a.
S 29	8 15	19 51	3 30	3 59	3 19	0 57	1 15	11 34	0 19	12 23	0 32	11 56	2 19	0 18	0 37	19 4	1 32	28 40	5 42	20 34	20 51	21 53		n.a.
M30	8n37	17n 4	4s19	3s34	3s16	1n28	1s14	11n49	0n19	12n28	0s32	11s54	2s19	0n20	0s37	19n 4	1n32	28n40	5n42	20s34	20s51	21s53		n.a.

Julian Day Number = 987726.5, Delta T = 13h06m12s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°46'01, Lahiri = -31°39'00 Julian Calendar 1 Apr. 2009 BCE == Greg. Calendar 15 March 2009 BCE

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

MAY 2009 BCE (-2008) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 28 48	22♈38'43	10♌ 8	29♓36	7♈37	0♉ 9	3♉48	5♓24	2♈15	11°R49	14♊34	29°R59	1♐17	16♐32	n.a.	T 1
W 2	13 32 44	23°35'47	23°43	0♈40	8°50	0°48	4° 1	5°31	2°18	11♌49	14°35	29♏56	1°14	16°39	n.a.	W 2
T 3	13 36 41	24°32'51	7♍ 4	1°48	10° 3	1°27	4°15	5°37	2°21	11°49	14°36	29°52	1°11	16°45	n.a.	T 3
F 4	13 40 38	25°29'54	20°12	2°59	11°17	2° 7	4°28	5°43	2°24	11°49	14°37	29°47	1° 7	16°52	n.a.	F 4
S 5	13 44 34	26°26'56	3♎ 7	4°14	12°30	2°46	4°42	5°49	2°28	11°48	14°39	29°41	1° 4	16°59	n.a.	S 5
S 6	13 48 31	27°23'58	15°48	5°32	13°43	3°25	4°55	5°54	2°31	11°48	14°40	29°36	1° 1	17° 5	n.a.	S 6
M 7	13 52 27	28°21'00	28°16	6°54	14°56	4° 5	5° 9	6° 0	2°34	11°48	14°41	29°32	0°58	17°12	n.a.	M 7
T 8	13 56 24	29°18'01	10♏32	8°18	16° 9	4°44	5°22	6° 6	2°37	11°48	14°42	29°29	0°55	17°18	n.a.	T 8
W 9	14 0 20	0♉15'03	22°37	9°46	17°23	5°23	5°36	6°12	2°41	11°48	14°44	29°28	0°52	17°25	n.a.	W 9
T 10	14 4 17	1°12'04	4♐33	11°18	18°36	6° 2	5°49	6°17	2°44	11°D48	14°45	29°D28	0°48	17°32	n.a.	T 10
F 11	14 8 13	2° 9'06	16°23	12°52	19°49	6°41	6° 3	6°23	2°47	11°48	14°46	29°29	0°45	17°38	n.a.	F 11
S 12	14 12 10	3° 6'07	28°11	14°30	21° 3	7°20	6°16	6°28	2°50	11°48	14°48	29°30	0°42	17°45	n.a.	S 12
S 13	14 16 7	4° 3'09	10♑ 1	16°10	22°16	7°59	6°30	6°34	2°53	11°48	14°49	29°32	0°39	17°52	n.a.	S 13
M14	14 20 3	5° 0'11	21°57	17°54	23°29	8°38	6°44	6°39	2°56	11°48	14°51	29°33	0°36	17°58	n.a.	M14
T 15	14 24 0	5°57'13	4♒ 4	19°41	24°43	9°17	6°57	6°44	2°59	11°48	14°52	29°R34	0°33	18° 5	n.a.	T 15
W16	14 27 56	6°54'15	16°26	21°31	25°56	9°56	7°11	6°49	3° 2	11°49	14°53	29°33	0°29	18°12	n.a.	W16
T 17	14 31 53	7°51'18	29° 9	23°23	27° 9	10°35	7°24	6°55	3° 5	11°49	14°55	29°32	0°26	18°18	n.a.	T 17
F 18	14 35 49	8°48'21	12♓14	25°18	28°23	11°14	7°38	7° 0	3° 8	11°49	14°56	29°30	0°23	18°25	n.a.	F 18
S 19	14 39 46	9°45'24	25°46	27°16	29°36	11°53	7°51	7° 5	3°11	11°49	14°58	29°28	0°20	18°32	n.a.	S 19
S 20	14 43 43	10°42'28	9♈43	29°16	0♉50	12°32	8° 5	7°10	3°14	11°50	14°59	29°25	0°17	18°38	n.a.	S 20
M21	14 47 39	11°39'32	24° 3	1♉18	2° 3	13°11	8°19	7°14	3°17	11°50	15° 1	29°23	0°13	18°45	n.a.	M21
T 22	14 51 36	12°36'37	8♉43	3°21	3°17	13°50	8°32	7°19	3°20	11°50	15° 2	29°21	0°10	18°52	n.a.	T 22
W23	14 55 32	13°33'42	23°35	5°27	4°30	14°29	8°46	7°24	3°23	11°51	15° 4	29°D21	0° 7	18°58	n.a.	W23
T 24	14 59 29	14°30'47	8♊32	7°33	5°44	15° 8	8°59	7°28	3°26	11°51	15° 6	29°21	0° 4	19° 5	n.a.	T 24
F 25	15 3 25	15°27'53	23°26	9°41	6°57	15°47	9°13	7°33	3°29	11°52	15° 7	29°21	0° 1	19°12	n.a.	F 25
S 26	15 7 22	16°24'59	8♋ 9	11°50	8°11	16°25	9°26	7°37	3°31	11°52	15° 9	29°22	29♏58	19°18	n.a.	S 26
S 27	15 11 19	17°22'05	22°37	13°58	9°25	17° 4	9°40	7°42	3°34	11°53	15°10	29°23	29°54	19°25	n.a.	S 27
M28	15 15 15	18°19'11	6♌46	16° 7	10°38	17°43	9°53	7°46	3°37	11°53	15°12	29°24	29°51	19°32	n.a.	M28
T 29	15 19 12	19°16'17	20°35	18°16	11°52	18°22	10° 7	7°50	3°40	11°54	15°14	29°R24	29°48	19°38	n.a.	T 29
W30	15 23 8	20°13'23	4♍ 3	20°25	13° 6	19° 0	10°20	7°54	3°42	11°54	15°15	29°24	29°45	19°45	n.a.	W30
T 31	15 27 5	21♉10'30	17♍12	22♉33	14♉19	19♉39	10♉34	7♓58	3♈45	11♌55	15♊17	29♏23	29♏42	19♐52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n59	13n22	4s53	3s 6	3s13	1n59	1s12	12n 4	0n20	12n33	0s32	11s52	2s19	0n21	0s37	19n 4	1n32	28n40	5n42	20s33	20s50	21s53		n.a.
W 2	9 20	9 1	5 10	2 36	3 8	2 30	1 10	12 18	0 20	12 37	0 31	11 50	2 19	0 22	0 37	19 4	1 32	28 40	5 42	20 33	20 49	21 52		n.a.
T 3	9 42	4 19	5 9	2 3	3 3	3 1	1 9	12 33	0 21	12 42	0 31	11 48	2 20	0 24	0 37	19 4	1 32	28 40	5 42	20 32	20 49	21 52		n.a.
F 4	10 3	0s30	4 52	1 29	2 57	3 31	1 7	12 47	0 21	12 47	0 31	11 46	2 20	0 25	0 37	19 4	1 32	28 40	5 42	20 31	20 48	21 52		n.a.
S 5	10 24	5 14	4 20	0 53	2 51	4 2	1 5	13 1	0 22	12 52	0 31	11 44	2 20	0 26	0 37	19 4	1 32	28 41	5 42	20 30	20 47	21 52		n.a.
S 6	10 45	9 39	3 36	0 15	2 44	4 33	1 4	13 15	0 22	12 56	0 31	11 42	2 20	0 28	0 37	19 4	1 32	28 41	5 42	20 28	20 47	21 52		n.a.
M 7	11 6	13 36	2 43	0n24	2 36	5 3	1 2	13 30	0 23	13 1	0 31	11 40	2 20	0 29	0 37	19 4	1 32	28 41	5 42	20 28	20 46	21 52		n.a.
T 8	11 27	16 53	1 42	1 6	2 28	5 34	1 0	13 44	0 23	13 6	0 31	11 38	2 21	0 30	0 37	19 4	1 32	28 41	5 42	20 27	20 45	21 51		n.a.
W 9	11 47	19 24	0 38	1 49	2 19	6 4	0 58	13 57	0 24	13 10	0 31	11 36	2 21	0 32	0 37	19 4	1 32	28 41	5 42	20 27	20 45	21 51		n.a.
T 10	12 8	21 1	0n28	2 34	2 10	6 34	0 56	14 11	0 25	13 15	0 31	11 34	2 21	0 33	0 37	19 4	1 32	28 41	5 42	20 27	20 44	21 51		n.a.
F 11	12 28	21 41	1 32	3 20	2 1	7 4	0 54	14 25	0 25	13 20	0 30	11 32	2 21	0 34	0 37	19 4	1 32	28 41	5 42	20 27	20 43	21 51		n.a.
S 12	12 48	21 23	2 32	4 8	1 51	7 34	0 52	14 38	0 26	13 24	0 30	11 30	2 22	0 35	0 37	19 4	1 32	28 41	5 42	20 27	20 43	21 50		n.a.
S 13	13 7	20 8	3 25	4 57	1 40	8 4	0 50	14 52	0 26	13 29	0 30	11 28	2 22	0 37	0 37	19 4	1 32	28 42	5 42	20 27	20 42	21 50		n.a.
M14	13 27	17 59	4 10	5 47	1 30	8 33	0 48	15 5	0 27	13 34	0 30	11 26	2 22	0 38	0 37	19 4	1 32	28 42	5 42	20 28	20 41	21 50		n.a.
T 15	13 46	15 1	4 45	6 39	1 19	9 3	0 46	15 18	0 27	13 38	0 30	11 25	2 22	0 39	0 37	19 4	1 32	28 42	5 42	20 28	20 41	21 50		n.a.
W16	14 6	11 21	5 7	7 31	1 7	9 32	0 44	15 32	0 28	13 43	0 30	11 23	2 22	0 40	0 37	19 4	1 32	28 42	5 42	20 28	20 40	21 50		n.a.
T 17	14 25	7 5	5 15	8 24	0 56	10 1	0 42	15 45	0 28	13 48	0 30	11 21	2 23	0 41	0 37	19 3	1 32	28 42	5 41	20 28	20 39	21 49		n.a.
F 18	14 43	2 23	5 8	9 17	0 45	10 30	0 40	15 58	0 29	13 52	0 30	11 19	2 23	0 43	0 37	19 3	1 32	28 42	5 41	20 27	20 39	21 49		n.a.
S 19	15 2	2n36	4 43	10 11	0 33	10 58	0 37	16 10	0 29	13 57	0 30	11 18	2 23	0 44	0 37	19 3	1 32	28 43	5 41	20 27	20 38	21 49		n.a.
S 20	15 20	7 36	4 1	11 6	0 22	11 27	0 35	16 23	0 30	14 1	0 29	11 16	2 23	0 45	0 37	19 3	1 32	28 43	5 41	20 26	20 37	21 48		n.a.
M21	15 38	12 20	3 3	12 0	0 11	11 55	0 33	16 36	0 30	14 6	0 29	11 15	2 24	0 46	0 37	19 3	1 32	28 43	5 41	20 25	20 37	21 48		n.a.
T 22	15 56	16 27	1 52	12 54	0n 1	12 23	0 31	16 48	0 31	14 10	0 29	11 13	2 24	0 47	0 37	19 3	1 32	28 43	5 41	20 25	20 36	21 48		n.a.
W23	16 14	19 34	0 32	13 47	0 11	12 50	0 28	17 0	0 31	14 15	0 29	11 11	2 24	0 49	0 37	19 3	1 31	28 43	5 41	20 25	20 35	21 48		n.a.
T 24	16 31	21 20	0s51	14 39	0 22	13 17	0 26	17 12	0 32	14 19	0 29	11 10	2 24	0 50	0 37	19 3	1 31	28 43	5 41	20 25	20 34	21 47		n.a.
F 25	16 48	21 36	2 10	15 31	0 32	13 44	0 24	17 24	0 32	14 24	0 29	11 8	2 25	0 51	0 37	19 2	1 31	28 44	5 41	20 25	20 34	21 47		n.a.
S 26	17 5	20 21	3 19	16 21	0 42	14 11	0 22	17 36	0 33	14 28	0 29	11 7	2 25	0 52	0 37	19 2	1 31	28 44	5 41	20 25	20 33	21 47		n.a.
S 27	17 21	17 48	4 14	17 10	0 51	14 37	0 19	17 48	0 33	14 33	0 29	11 6	2 25	0 53	0 37	19 2	1 31	28 44	5 41	20 26	20 32	21 47		n.a.
M28	17 38	14 14	4 53	17 57	1 0	15 3	0 17	18 0	0 34	14 37	0 29	11 4	2 25	0 54	0 37	19 2	1 31	28 44	5 41	20 26	20 32	21 46		n.a.
T 29	17 54	9 58	5 14	18 42	1 8	15 28	0 14	18 11	0 34	14 42	0 29	11 3	2 26	0 55	0 37	19 2	1 31	28 44	5 41	20 26	20 31	21 46		n.a.
W30	18 10	5 19	5 16	19 25	1 16	15 53	0 12	18 23	0 35	14 46	0 29	11 2	2 26	0 56	0 37	19 1	1 31	28 44	5 41	20 26	20 30	21 46		n.a.
T 31	18n25	0n32	5s 2	20n 6	1n22	16n18	0s10	18n34	0n35	14n50	0s28	11s 0	2s26	0n57	0s37	19n 1	1n31	28n45	5n41	20s26	20s30	21s45		n.a.

Julian Day Number = 987756.5, Delta T = 13h06m10s
Ecliptic obliquity = 23°55'27, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'57, Lahiri = -31°38'56 Julian Calendar 1 May 2009 BCE == Greg. Calendar 14 Apr. 2009 BCE

The year -2008 astronomical counting style corresponds to year 2009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

JUNE 2009 BCE (-2008) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 31 1	22♉ 7'36	0♎ 4	24♉40	15♉33	20♉18	10♉47	8♓ 2	3♈47	11♌56	15♊18	29°R22	29♏38	19♐58	n.a.	F 1
S 2	15 34 58	23° 4'44	12°41	26°46	16°47	20°56	11° 1	8° 6	3°50	11°56	15°20	29♏21	29°35	20° 5	n.a.	S 2
S 3	15 38 54	24° 1'52	25° 4	28°51	18° 0	21°35	11°14	8° 9	3°52	11°57	15°22	29°21	29°32	20°11	n.a.	S 3
M 4	15 42 51	24°59'00	7♏16	0♊55	19°14	22°14	11°27	8°13	3°55	11°58	15°23	29°20	29°29	20°18	n.a.	M 4
T 5	15 46 48	25°56'09	19°20	2°57	20°28	22°52	11°41	8°17	3°57	11°59	15°25	29°20	29°26	20°25	n.a.	T 5
W 6	15 50 44	26°53'19	1♐16	4°58	21°42	23°31	11°54	8°20	4° 0	12° 0	15°27	29°D20	29°23	20°31	n.a.	W 6
T 7	15 54 41	27°50'30	13° 7	6°57	22°55	24°10	12° 7	8°23	4° 2	12° 0	15°29	29°20	29°19	20°38	n.a.	T 7
F 8	15 58 37	28°47'41	24°56	8°55	24° 9	24°48	12°20	8°27	4° 5	12° 1	15°30	29°20	29°16	20°45	n.a.	F 8
S 9	16 2 34	29°44'54	6♑44	10°51	25°23	25°27	12°34	8°30	4° 7	12° 2	15°32	29°R20	29°13	20°51	n.a.	S 9
S 10	16 6 30	0♊42'08	18°35	12°46	26°37	26° 5	12°47	8°33	4° 9	12° 3	15°34	29°20	29°10	20°58	n.a.	S 10
M11	16 10 27	1°39'22	0♒33	14°38	27°51	26°44	13° 0	8°36	4°11	12° 4	15°35	29°20	29° 7	21° 5	n.a.	M11
T 12	16 14 24	2°36'38	12°40	16°30	29° 5	27°22	13°13	8°39	4°14	12° 5	15°37	29°19	29° 4	21°11	n.a.	T 12
W13	16 18 20	3°33'55	25° 2	18°19	0♊19	28° 1	13°26	8°42	4°16	12° 6	15°39	29°19	29° 0	21°18	n.a.	W13
T 14	16 22 17	4°31'14	7♓41	20° 7	1°33	28°39	13°40	8°44	4°18	12° 7	15°41	29°D19	28°57	21°25	n.a.	T 14
F 15	16 26 13	5°28'33	20°42	21°53	2°47	29°18	13°53	8°47	4°20	12° 8	15°42	29°19	28°54	21°31	n.a.	F 15
S 16	16 30 10	6°25'54	4♈ 8	23°37	4° 1	29°56	14° 6	8°49	4°22	12°10	15°44	29°20	28°51	21°38	n.a.	S 16
S 17	16 34 6	7°23'17	18° 0	25°20	5°15	0♊35	14°19	8°52	4°24	12°11	15°46	29°21	28°48	21°45	n.a.	S 17
M18	16 38 3	8°20'41	2♉19	27° 1	6°29	1°13	14°32	8°54	4°26	12°12	15°48	29°21	28°44	21°51	n.a.	M18
T 19	16 41 59	9°18'06	17° 0	28°41	7°43	1°51	14°44	8°56	4°28	12°13	15°49	29°22	28°41	21°58	n.a.	T 19
W20	16 45 56	10°15'32	1♊59	0♋19	8°57	2°30	14°57	8°58	4°30	12°14	15°51	29°R22	28°38	22° 5	n.a.	W20
T 21	16 49 53	11°13'00	17° 9	1°55	10°11	3° 8	15°10	9° 0	4°32	12°16	15°53	29°22	28°35	22°11	n.a.	T 21
F 22	16 53 49	12°10'30	2♋19	3°30	11°25	3°47	15°23	9° 2	4°33	12°17	15°55	29°21	28°32	22°18	n.a.	F 22
S 23	16 57 46	13° 8'00	17°20	5° 3	12°39	4°25	15°36	9° 4	4°35	12°18	15°57	29°19	28°29	22°25	n.a.	S 23
S 24	17 1 42	14° 5'32	2♌ 5	6°34	13°54	5° 3	15°48	9° 6	4°37	12°20	15°58	29°17	28°25	22°31	n.a.	S 24
M25	17 5 39	15° 3'04	16°27	8° 4	15° 8	5°42	16° 1	9° 7	4°38	12°21	16° 0	29°16	28°22	22°38	n.a.	M25
T 26	17 9 35	16° 0'38	0♍23	9°32	16°22	6°20	16°14	9° 9	4°40	12°22	16° 2	29°14	28°19	22°45	n.a.	T 26
W27	17 13 32	16°58'12	13°53	10°59	17°36	6°58	16°26	9°10	4°42	12°24	16° 4	29°D14	28°16	22°51	n.a.	W27
T 28	17 17 29	17°55'48	26°59	12°23	18°51	7°36	16°39	9°11	4°43	12°25	16° 5	29°14	28°13	22°58	n.a.	T 28
F 29	17 21 25	18°53'25	9♎43	13°46	20° 5	8°15	16°51	9°12	4°45	12°27	16° 7	29°15	28°10	23° 5	n.a.	F 29
S 30	17 25 22	19♊51'03	22♎ 9	15♋ 7	21♊19	8♊53	17♉ 4	9♓13	4♈46	12♌28	16♊ 9	29♏16	28♏ 6	23♐11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n40	4s11	4s33	20n45	1n29	16n43	0s 7	18n45	0n36	14n55	0s28	10s59	2s27	0n58	0s37	19n 1	1n31	28n45	5n41	20s25	20s29	21s45		n.a.
S 2	18 55	8 38	3 51	21 21	1 34	17 6	0 5	18 56	0 36	14 59	0 28	10 58	2 27	0 59	0 37	19 1	1 31	28 45	5 41	20 25	20 28	21 45		n.a.
S 3	19 10	12 40	2 59	21 55	1 39	17 30	0 3	19 7	0 37	15 3	0 28	10 57	2 27	1 0	0 37	19 0	1 31	28 45	5 41	20 25	20 28	21 44		n.a.
M 4	19 24	16 6	2 0	22 26	1 43	17 53	0 0	19 18	0 37	15 8	0 28	10 56	2 27	1 1	0 37	19 0	1 31	28 46	5 41	20 25	20 27	21 44		n.a.
T 5	19 38	18 48	0 55	22 55	1 46	18 16	0n 2	19 28	0 38	15 12	0 28	10 54	2 28	1 2	0 37	19 0	1 31	28 46	5 41	20 25	20 26	21 44		n.a.
W 6	19 51	20 39	0n11	23 21	1 49	18 38	0 5	19 39	0 38	15 16	0 28	10 53	2 28	1 3	0 37	19 0	1 31	28 46	5 42	20 25	20 25	21 43		n.a.
T 7	20 5	21 35	1 16	23 44	1 51	18 59	0 7	19 49	0 39	15 20	0 28	10 52	2 28	1 4	0 37	18 59	1 31	28 46	5 42	20 25	20 25	21 43		n.a.
F 8	20 18	21 32	2 18	24 5	1 53	19 20	0 9	19 59	0 39	15 25	0 28	10 51	2 29	1 5	0 37	18 59	1 31	28 46	5 42	20 25	20 24	21 43		n.a.
S 9	20 30	20 32	3 13	24 24	1 54	19 41	0 12	20 9	0 40	15 29	0 28	10 50	2 29	1 6	0 37	18 59	1 31	28 47	5 42	20 25	20 23	21 42		n.a.
S 10	20 43	18 38	4 1	24 40	1 54	20 1	0 14	20 19	0 40	15 33	0 28	10 49	2 29	1 7	0 37	18 58	1 31	28 47	5 42	20 25	20 23	21 42		n.a.
M11	20 55	15 54	4 39	24 54	1 53	20 21	0 16	20 28	0 41	15 37	0 27	10 49	2 29	1 8	0 37	18 58	1 31	28 47	5 42	20 25	20 22	21 42		n.a.
T 12	21 6	12 29	5 4	25 5	1 53	20 40	0 19	20 38	0 41	15 41	0 27	10 48	2 30	1 9	0 37	18 58	1 31	28 47	5 42	20 25	20 21	21 41		n.a.
W13	21 17	8 28	5 17	25 14	1 51	20 58	0 21	20 47	0 41	15 45	0 27	10 47	2 30	1 10	0 37	18 57	1 31	28 48	5 42	20 25	20 21	21 41		n.a.
T 14	21 28	4 0	5 14	25 21	1 49	21 16	0 23	20 57	0 42	15 50	0 27	10 46	2 30	1 10	0 37	18 57	1 31	28 48	5 42	20 25	20 20	21 40		n.a.
F 15	21 39	0n46	4 56	25 26	1 46	21 33	0 25	21 6	0 42	15 54	0 27	10 46	2 31	1 11	0 37	18 57	1 31	28 48	5 42	20 25	20 19	21 40		n.a.
S 16	21 49	5 39	4 21	25 29	1 43	21 50	0 28	21 15	0 43	15 58	0 27	10 45	2 31	1 12	0 37	18 56	1 31	28 48	5 42	20 25	20 18	21 40		n.a.
S 17	21 59	10 26	3 30	25 30	1 40	22 6	0 30	21 23	0 43	16 2	0 27	10 44	2 31	1 13	0 37	18 56	1 30	28 49	5 42	20 25	20 18	21 39		n.a.
M18	22 8	14 46	2 25	25 29	1 36	22 21	0 32	21 32	0 44	16 6	0 27	10 44	2 31	1 14	0 37	18 56	1 30	28 49	5 42	20 25	20 17	21 39		n.a.
T 19	22 18	18 20	1 8	25 26	1 31	22 36	0 34	21 40	0 44	16 10	0 27	10 43	2 32	1 14	0 37	18 55	1 30	28 49	5 42	20 25	20 16	21 38		n.a.
W20	22 26	20 44	0s15	25 22	1 26	22 50	0 36	21 49	0 45	16 13	0 27	10 42	2 32	1 15	0 37	18 55	1 30	28 49	5 42	20 25	20 16	21 38		n.a.
T 21	22 35	21 41	1 37	25 16	1 21	23 4	0 38	21 57	0 45	16 17	0 27	10 42	2 32	1 16	0 37	18 54	1 30	28 50	5 42	20 25	20 15	21 38		n.a.
F 22	22 42	21 1	2 53	25 8	1 15	23 17	0 41	22 5	0 46	16 21	0 27	10 42	2 33	1 16	0 37	18 54	1 30	28 50	5 42	20 25	20 14	21 37		n.a.
S 23	22 50	18 53	3 56	24 59	1 9	23 29	0 43	22 12	0 46	16 25	0 27	10 41	2 33	1 17	0 38	18 54	1 30	28 50	5 42	20 25	20 13	21 37		n.a.
S 24	22 57	15 31	4 42	24 48	1 3	23 40	0 45	22 20	0 46	16 29	0 26	10 41	2 33	1 18	0 38	18 53	1 30	28 50	5 42	20 24	20 13	21 36		n.a.
M25	23 4	11 19	5 9	24 36	0 56	23 51	0 47	22 28	0 47	16 33	0 26	10 40	2 34	1 18	0 38	18 53	1 30	28 51	5 42	20 24	20 12	21 36		n.a.
T 26	23 10	6 38	5 16	24 23	0 49	24 1	0 49	22 35	0 47	16 36	0 26	10 40	2 34	1 19	0 38	18 52	1 30	28 51	5 42	20 24	20 11	21 35		n.a.
W27	23 16	1 46	5 6	24 9	0 42	24 10	0 51	22 42	0 48	16 40	0 26	10 40	2 34	1 20	0 38	18 52	1 30	28 51	5 43	20 24	20 10	21 35		n.a.
T 28	23 22	3s 3	4 40	23 54	0 34	24 19	0 52	22 49	0 48	16 44	0 26	10 40	2 35	1 20	0 38	18 51	1 30	28 51	5 43	20 24	20 10	21 35		n.a.
F 29	23 27	7 36	4 1	23 37	0 26	24 27	0 54	22 56	0 49	16 48	0 26	10 40	2 35	1 21	0 38	18 51	1 30	28 52	5 43	20 24	20 9	21 34		n.a.
S 30	23n32	11s44	3s11	23n20	0n17	24n34	0n56	23n 2	0n49	16n51	0s26	10s40	2s35	1n21	0s38	18n51	1n30	28n52	5n43	20s24	20s 8	21s34		n.a.

Julian Day Number = 987787.5, Delta T = 13h06m08s
Ecliptic obliquity = 23°55'26, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'52, Lahiri = -31°38'52 Julian Calendar 1 June 2009 BCE == Greg. Calendar 15 May 2009 BCE

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

JULY 2009 BCE (-2008) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 29 18	20♊48'42	4♏21	16♋27	22♊33	9♊31	17♉16	9♓14	4♈47	12♎30	16♊11	29♏18	28♏ 3	23♐18	n.a.	S 1
M 2	17 33 15	21°46'23	16°22	17°44	23°48	10°10	17°28	9°15	4°49	12°31	16°13	29°19	28° 0	23°25	n.a.	M 2
T 3	17 37 11	22°44'06	28°16	19° 0	25° 2	10°48	17°40	9°16	4°50	12°33	16°14	29°R20	27°57	23°31	n.a.	T 3
W 4	17 41 8	23°41'49	10♐ 7	20°13	26°16	11°26	17°53	9°16	4°51	12°34	16°16	29°19	27°54	23°38	n.a.	W 4
T 5	17 45 4	24°39'35	21°55	21°25	27°31	12° 4	18° 5	9°17	4°53	12°36	16°18	29°18	27°50	23°45	n.a.	T 5
F 6	17 49 1	25°37'22	3♑44	22°34	28°45	12°42	18°17	9°17	4°54	12°38	16°20	29°15	27°47	23°51	n.a.	F 6
S 7	17 52 58	26°35'11	15°36	23°41	29°59	13°21	18°29	9°18	4°55	12°39	16°21	29°11	27°44	23°58	n.a.	S 7
S 8	17 56 54	27°33'01	27°32	24°46	1♋14	13°59	18°41	9°18	4°56	12°41	16°23	29° 6	27°41	24° 5	n.a.	S 8
M 9	18 0 51	28°30'53	9♒36	25°49	2°28	14°37	18°52	9°R18	4°57	12°43	16°25	29° 1	27°38	24°11	n.a.	M 9
T 10	18 4 47	29°28'47	21°48	26°49	3°43	15°15	19° 4	9°18	4°58	12°44	16°27	28°56	27°35	24°18	n.a.	T 10
W11	18 8 44	0♋26'43	4♓13	27°46	4°57	15°53	19°16	9°18	4°59	12°46	16°28	28°53	27°31	24°25	n.a.	W11
T 12	18 12 40	1°24'42	16°52	28°40	6°12	16°31	19°28	9°17	5° 0	12°48	16°30	28°50	27°28	24°31	n.a.	T 12
F 13	18 16 37	2°22'42	29°50	29°32	7°26	17°10	19°39	9°17	5° 0	12°50	16°32	28°D49	27°25	24°38	n.a.	F 13
S 14	18 20 33	3°20'44	13♈ 8	0♌20	8°41	17°48	19°51	9°17	5° 1	12°52	16°34	28°50	27°22	24°45	n.a.	S 14
S 15	18 24 30	4°18'48	26°51	1° 5	9°55	18°26	20° 2	9°16	5° 2	12°53	16°35	28°51	27°19	24°51	n.a.	S 15
M16	18 28 27	5°16'55	10♉57	1°46	11°10	19° 4	20°13	9°15	5° 2	12°55	16°37	28°52	27°16	24°58	n.a.	M16
T 17	18 32 23	6°15'04	25°28	2°23	12°25	19°42	20°25	9°15	5° 3	12°57	16°39	28°R53	27°12	25° 5	n.a.	T 17
W18	18 36 20	7°13'15	10♊20	2°56	13°39	20°20	20°36	9°14	5° 4	12°59	16°40	28°53	27° 9	25°11	n.a.	W18
T 19	18 40 16	8°11'28	25°26	3°25	14°54	20°58	20°47	9°13	5° 4	13° 1	16°42	28°50	27° 6	25°18	n.a.	T 19
F 20	18 44 13	9° 9'43	10♋39	3°50	16° 8	21°37	20°58	9°12	5° 5	13° 3	16°44	28°46	27° 3	25°25	n.a.	F 20
S 21	18 48 9	10° 8'00	25°47	4° 9	17°23	22°15	21° 9	9°10	5° 5	13° 5	16°45	28°41	27° 0	25°31	n.a.	S 21
S 22	18 52 6	11° 6'19	10♌42	4°23	18°38	22°53	21°20	9° 9	5° 5	13° 7	16°47	28°35	26°56	25°38	n.a.	S 22
M23	18 56 2	12° 4'39	25°15	4°32	19°52	23°31	21°31	9° 8	5° 6	13° 9	16°49	28°28	26°53	25°44	n.a.	M23
T 24	18 59 59	13° 3'02	9♍20	4°R35	21° 7	24° 9	21°41	9° 6	5° 6	13°11	16°50	28°23	26°50	25°51	n.a.	T 24
W25	19 3 55	14° 1'26	22°57	4°31	22°22	24°47	21°52	9° 4	5° 6	13°13	16°52	28°19	26°47	25°58	n.a.	W25
T 26	19 7 52	14°59'52	6♎ 6	4°22	23°36	25°25	22° 3	9° 3	5° 6	13°15	16°54	28°17	26°44	26° 4	n.a.	T 26
F 27	19 11 49	15°58'19	18°49	4° 6	24°51	26° 3	22°13	9° 1	5° 6	13°17	16°55	28°D16	26°41	26°11	n.a.	F 27
S 28	19 15 45	16°56'49	1♏12	3°43	26° 6	26°41	22°23	8°59	5°R 6	13°19	16°57	28°17	26°37	26°18	n.a.	S 28
S 29	19 19 42	17°55'20	13°19	3°13	27°21	27°19	22°33	8°57	5° 6	13°21	16°58	28°18	26°34	26°24	n.a.	S 29
M30	19 23 38	18°53'53	25°15	2°37	28°35	27°57	22°44	8°55	5° 6	13°23	17° 0	28°R19	26°31	26°31	n.a.	M30
T 31	19 27 35	19♋52'28	7♐ 5	1♌55	29♋50	28♊35	22♉54	8♓52	5♈ 6	13♌25	17♊ 1	28♏19	26♏28	26♐38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n36	15s19	2s14	23n 2	0n 9	24n40	0n58	23n 9	0n50	16n55	0s26	10s39	2s35	1n22	0s38	18n50	1n30	28n52	5n43	20s24	20s 8	21s33			n.a.
M 2	23 40	18 12	1 11	22 43	0s 0	24 46	0 59	23 15	0 50	16 58	0 26	10 39	2 36	1 22	0 38	18 50	1 30	28 53	5 43	20 25	20 7	21 33			n.a.
T 3	23 43	20 16	0 6	22 24	0 9	24 51	1 1	23 21	0 50	17 2	0 26	10 39	2 36	1 23	0 38	18 49	1 30	28 53	5 43	20 25	20 6	21 32			n.a.
W 4	23 46	21 27	0n59	22 4	0 18	24 55	1 3	23 27	0 51	17 6	0 26	10 39	2 36	1 23	0 38	18 49	1 30	28 53	5 43	20 25	20 5	21 32			n.a.
T 5	23 49	21 39	2 1	21 43	0 28	24 58	1 4	23 33	0 51	17 9	0 26	10 40	2 37	1 24	0 38	18 48	1 30	28 53	5 43	20 24	20 5	21 31			n.a.
F 6	23 51	20 54	2 58	21 22	0 38	25 1	1 6	23 38	0 52	17 13	0 26	10 40	2 37	1 24	0 38	18 48	1 30	28 54	5 43	20 24	20 4	21 31			n.a.
S 7	23 53	19 14	3 47	21 1	0 48	25 3	1 7	23 43	0 52	17 16	0 26	10 40	2 37	1 25	0 38	18 47	1 30	28 54	5 43	20 23	20 3	21 30			n.a.
S 8	23 54	16 43	4 27	20 40	0 58	25 4	1 9	23 49	0 53	17 19	0 25	10 40	2 38	1 25	0 38	18 47	1 30	28 54	5 44	20 22	20 2	21 30			n.a.
M 9	23 55	13 28	4 55	20 18	1 8	25 4	1 10	23 54	0 53	17 23	0 25	10 40	2 38	1 26	0 38	18 46	1 30	28 55	5 44	20 21	20 2	21 29			n.a.
T 10	23 55	9 38	5 10	19 56	1 18	25 4	1 11	23 58	0 53	17 26	0 25	10 41	2 38	1 26	0 38	18 46	1 30	28 55	5 44	20 20	20 1	21 29			n.a.
W11	23 55	5 20	5 11	19 35	1 29	25 2	1 13	24 3	0 54	17 29	0 25	10 41	2 39	1 26	0 38	18 45	1 30	28 55	5 44	20 19	20 0	21 28			n.a.
T 12	23 55	0 44	4 57	19 14	1 39	25 0	1 14	24 8	0 54	17 33	0 25	10 41	2 39	1 27	0 38	18 44	1 30	28 55	5 44	20 18	20 0	21 28			n.a.
F 13	23 54	4n 1	4 28	18 52	1 50	24 58	1 15	24 12	0 55	17 36	0 25	10 42	2 39	1 27	0 38	18 44	1 30	28 56	5 44	20 18	19 59	21 27			n.a.
S 14	23 53	8 43	3 44	18 32	2 0	24 54	1 16	24 16	0 55	17 39	0 25	10 42	2 39	1 27	0 38	18 43	1 30	28 56	5 44	20 18	19 58	21 27			n.a.
S 15	23 51	13 7	2 46	18 12	2 11	24 50	1 17	24 20	0 56	17 42	0 25	10 43	2 40	1 27	0 38	18 43	1 30	28 56	5 44	20 18	19 57	21 26			n.a.
M16	23 49	16 56	1 36	17 52	2 22	24 45	1 18	24 24	0 56	17 46	0 25	10 43	2 40	1 28	0 38	18 42	1 30	28 57	5 44	20 19	19 57	21 26			n.a.
T 17	23 46	19 49	0 19	17 34	2 32	24 39	1 19	24 27	0 56	17 49	0 25	10 44	2 40	1 28	0 38	18 42	1 30	28 57	5 45	20 19	19 56	21 25			n.a.
W18	23 43	21 26	1s 2	17 16	2 42	24 32	1 20	24 31	0 57	17 52	0 25	10 44	2 41	1 28	0 38	18 41	1 30	28 57	5 45	20 19	19 55	21 25			n.a.
T 19	23 40	21 31	2 19	16 59	2 53	24 25	1 21	24 34	0 57	17 55	0 25	10 45	2 41	1 28	0 38	18 41	1 30	28 58	5 45	20 18	19 54	21 24			n.a.
F 20	23 36	20 2	3 27	16 44	3 3	24 17	1 22	24 37	0 58	17 58	0 25	10 46	2 41	1 28	0 38	18 40	1 30	28 58	5 45	20 17	19 54	21 24			n.a.
S 21	23 32	17 9	4 20	16 30	3 12	24 8	1 22	24 39	0 58	18 1	0 25	10 47	2 42	1 29	0 38	18 39	1 30	28 58	5 45	20 16	19 53	21 23			n.a.
S 22	23 27	13 11	4 55	16 18	3 21	23 58	1 23	24 42	0 58	18 4	0 25	10 47	2 42	1 29	0 38	18 39	1 30	28 58	5 45	20 15	19 52	21 23			n.a.
M23	23 22	8 31	5 9	16 7	3 30	23 48	1 23	24 44	0 59	18 7	0 24	10 48	2 42	1 29	0 38	18 38	1 30	28 59	5 45	20 13	19 51	21 22			n.a.
T 24	23 16	3 33	5 4	15 58	3 38	23 37	1 24	24 47	0 59	18 10	0 24	10 49	2 42	1 29	0 38	18 38	1 30	28 59	5 45	20 12	19 51	21 21			n.a.
W25	23 10	1s27	4 42	15 52	3 46	23 25	1 24	24 49	1 0	18 13	0 24	10 50	2 43	1 29	0 38	18 37	1 29	28 59	5 46	20 11	19 50	21 21			n.a.
T 26	23 4	6 12	4 5	15 48	3 53	23 12	1 25	24 51	1 0	18 15	0 24	10 51	2 43	1 29	0 38	18 36	1 29	29 0	5 46	20 11	19 49	21 20			n.a.
F 27	22 57	10 33	3 17	15 46	3 58	22 59	1 25	24 52	1 1	18 18	0 24	10 52	2 43	1 29	0 38	18 36	1 29	29 0	5 46	20 11	19 48	21 20			n.a.
S 28	22 49	14 20	2 21	15 47	4 3	22 45	1 25	24 54	1 1	18 21	0 24	10 53	2 44	1 29	0 38	18 35	1 29	29 0	5 46	20 11	19 48	21 19			n.a.
S 29	22 42	17 26	1 20	15 51	4 6	22 31	1 26	24 55	1 1	18 24	0 24	10 54	2 44	1 29	0 38	18 35	1 29	29 1	5 46	20 11	19 47	21 19			n.a.
M30	22 34	19 44	0 17	15 57	4 8	22 15	1 26	24 56	1 2	18 26	0 24	10 55	2 44	1 29	0 38	18 34	1 29	29 1	5 46	20 11	19 46	21 18			n.a.
T 31	22n25	21s10	0n47	16n 6	4s 8	21n59	1n26	24n57	1n 2	18n29	0s24	10s56	2s44	1n29	0s38	18n33	1n29	29n 1	5n46	20s11	19s45	21s17			n.a.

Julian Day Number = 987817.5, Delta T = 13h06m06s
Ecliptic obliquity = 23°55'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'48, Lahiri = -31°38'48 Julian Calendar 1 July 2009 BCE == Greg. Calendar 14 June 2009 BCE

The year -2008 astronomical counting style corresponds to year 2009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

AUGUST 2009 BCE (-2008) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 31 31	20♋51'05	18♐53	1°R 6	1♌ 5	29♊13	23♉ 3	8°R50	5°R 6	13♎27	17♊ 3	28°R17	26♏25	26♐44	n.a.	W 1
T 2	19 35 28	21°49'44	0♑42	0♎13	2°19	29°51	23°13	8♓48	5♈ 6	13°29	17° 4	28♏12	26°22	26°51	n.a.	T 2
F 3	19 39 24	22°48'25	12°34	29♋14	3°34	0♋29	23°23	8°45	5° 6	13°31	17° 6	28° 5	26°18	26°58	n.a.	F 3
S 4	19 43 21	23°47'08	24°33	28°13	4°49	1° 7	23°33	8°42	5° 5	13°33	17° 7	27°56	26°15	27° 4	n.a.	S 4
S 5	19 47 18	24°45'53	6♒39	27° 9	6° 4	1°45	23°42	8°40	5° 5	13°36	17° 9	27°45	26°12	27°11	n.a.	S 5
M 6	19 51 14	25°44'41	18°54	26° 5	7°19	2°23	23°51	8°37	5° 5	13°38	17°10	27°35	26° 9	27°18	n.a.	M 6
T 7	19 55 11	26°43'31	1♓18	25° 1	8°33	3° 1	24° 1	8°34	5° 4	13°40	17°12	27°24	26° 6	27°24	n.a.	T 7
W 8	19 59 7	27°42'23	13°53	24° 0	9°48	3°39	24°10	8°31	5° 4	13°42	17°13	27°15	26° 2	27°31	n.a.	W 8
T 9	20 3 4	28°41'17	26°39	23° 2	11° 3	4°17	24°19	8°28	5° 3	13°44	17°15	27° 9	25°59	27°38	n.a.	T 9
F 10	20 7 0	29°40'14	9♈40	22°10	12°18	4°55	24°28	8°25	5° 2	13°46	17°16	27° 4	25°56	27°44	n.a.	F 10
S 11	20 10 57	0♎39'13	22°57	21°25	13°32	5°33	24°37	8°21	5° 2	13°49	17°17	27° 2	25°53	27°51	n.a.	S 11
S 12	20 14 53	1°38'15	6♉32	20°48	14°47	6°11	24°45	8°18	5° 1	13°51	17°19	27°D 2	25°50	27°58	n.a.	S 12
M13	20 18 50	2°37'19	20°26	20°20	16° 2	6°49	24°54	8°15	5° 0	13°53	17°20	27°R 3	25°47	28° 4	n.a.	M13
T 14	20 22 46	3°36'26	4♊41	20° 2	17°17	7°27	25° 2	8°11	4°59	13°55	17°22	27° 3	25°43	28°11	n.a.	T 14
W15	20 26 43	4°35'36	19°15	19°D54	18°32	8° 5	25°11	8° 8	4°59	13°57	17°23	27° 1	25°40	28°18	n.a.	W15
T 16	20 30 40	5°34'48	4♋ 4	19°56	19°46	8°43	25°19	8° 4	4°58	14° 0	17°24	26°57	25°37	28°25	n.a.	T 16
F 17	20 34 36	6°34'02	19° 3	20° 8	21° 1	9°21	25°27	8° 0	4°57	14° 2	17°25	26°50	25°34	28°31	n.a.	F 17
S 18	20 38 33	7°33'19	4♌ 2	20°31	22°16	9°59	25°35	7°56	4°56	14° 4	17°27	26°40	25°31	28°38	n.a.	S 18
S 19	20 42 29	8°32'38	18°53	21° 3	23°31	10°37	25°43	7°53	4°55	14° 6	17°28	26°29	25°27	28°45	n.a.	S 19
M20	20 46 26	9°31'59	3♍26	21°44	24°46	11°15	25°50	7°49	4°54	14° 9	17°29	26°18	25°24	28°51	n.a.	M20
T 21	20 50 22	10°31'22	17°35	22°34	26° 1	11°53	25°58	7°45	4°53	14°11	17°30	26° 9	25°21	28°58	n.a.	T 21
W22	20 54 19	11°30'47	1♎16	23°32	27°15	12°31	26° 5	7°40	4°51	14°13	17°31	26° 1	25°18	29° 5	n.a.	W22
T 23	20 58 15	12°30'14	14°29	24°37	28°30	13° 9	26°12	7°36	4°50	14°15	17°33	25°55	25°15	29°11	n.a.	T 23
F 24	21 2 12	13°29'43	27°15	25°48	29°45	13°46	26°19	7°32	4°49	14°17	17°34	25°52	25°12	29°18	n.a.	F 24
S 25	21 6 8	14°29'14	9♏40	27° 5	1♍ 0	14°24	26°26	7°28	4°47	14°20	17°35	25°51	25° 8	29°25	n.a.	S 25
S 26	21 10 5	15°28'47	21°47	28°26	2°15	15° 2	26°33	7°24	4°46	14°22	17°36	25°51	25° 5	29°31	n.a.	S 26
M27	21 14 2	16°28'22	3♐42	29°52	3°30	15°40	26°40	7°19	4°45	14°24	17°37	25°51	25° 2	29°38	n.a.	M27
T 28	21 17 58	17°27'59	15°32	1♌22	4°44	16°18	26°46	7°15	4°43	14°26	17°38	25°50	24°59	29°45	n.a.	T 28
W29	21 21 55	18°27'38	27°20	2°54	5°59	16°56	26°52	7°10	4°42	14°29	17°39	25°46	24°56	29°51	n.a.	W29
T 30	21 25 51	19°27'18	9♑11	4°29	7°14	17°34	26°59	7° 6	4°40	14°31	17°40	25°40	24°53	29°58	n.a.	T 30
F 31	21 29 48	20♎27'01	21♑ 8	6♌ 6	8♍29	18♋12	27♉ 5	7♓ 1	4♈39	14♎33	17♊41	25♏31	24♏49	0♑ 5	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	22n16	21s39	1n48	16n18	4s 7	21n43	1n26	24n58	1n 3	18n32	0s24	10s57	2s45	1n29	0s39	18n33	1n29	29n 2	5n47	20s11	19s45	21s17			n.a.
T 2	22 7	21 10	2 45	16 33	4 3	21 26	1 26	24 58	1 3	18 34	0 24	10 58	2 45	1 29	0 39	18 32	1 29	29 2	5 47	20 10	19 44	21 16			n.a.
F 3	21 57	19 45	3 35	16 51	3 58	21 8	1 25	24 59	1 3	18 37	0 24	11 0	2 45	1 29	0 39	18 31	1 29	29 2	5 47	20 8	19 43	21 16			n.a.
S 4	21 47	17 28	4 15	17 11	3 50	20 49	1 25	24 59	1 4	18 39	0 24	11 1	2 45	1 28	0 39	18 31	1 29	29 3	5 47	20 6	19 42	21 15			n.a.
S 5	21 36	14 24	4 44	17 32	3 41	20 30	1 25	24 59	1 4	18 42	0 24	11 2	2 46	1 28	0 39	18 30	1 29	29 3	5 47	20 4	19 42	21 14			n.a.
M 6	21 25	10 42	5 1	17 56	3 29	20 11	1 25	24 59	1 4	18 44	0 24	11 3	2 46	1 28	0 39	18 30	1 29	29 3	5 47	20 1	19 41	21 14			n.a.
T 7	21 14	6 31	5 4	18 21	3 16	19 50	1 24	24 58	1 5	18 46	0 24	11 5	2 46	1 28	0 39	18 29	1 29	29 3	5 48	19 59	19 40	21 13			n.a.
W 8	21 2	1 59	4 52	18 46	3 1	19 30	1 24	24 58	1 5	18 49	0 24	11 6	2 46	1 28	0 39	18 28	1 29	29 4	5 48	19 57	19 39	21 12			n.a.
T 9	20 50	2n41	4 25	19 13	2 45	19 8	1 23	24 57	1 6	18 51	0 23	11 8	2 47	1 27	0 39	18 28	1 29	29 4	5 48	19 55	19 39	21 12			n.a.
F 10	20 38	7 20	3 45	19 39	2 27	18 46	1 23	24 56	1 6	18 53	0 23	11 9	2 47	1 27	0 39	18 27	1 29	29 4	5 48	19 54	19 38	21 11			n.a.
S 11	20 25	11 44	2 51	20 4	2 8	18 24	1 22	24 55	1 6	18 56	0 23	11 10	2 47	1 27	0 39	18 26	1 29	29 5	5 48	19 54	19 37	21 11			n.a.
S 12	20 12	15 39	1 47	20 29	1 49	18 1	1 21	24 53	1 7	18 58	0 23	11 12	2 47	1 26	0 39	18 26	1 29	29 5	5 49	19 53	19 36	21 10			n.a.
M13	19 58	18 47	0 35	20 52	1 30	17 38	1 20	24 52	1 7	19 0	0 23	11 14	2 48	1 26	0 39	18 25	1 29	29 5	5 49	19 54	19 35	21 9			n.a.
T 14	19 44	20 50	0s41	21 14	1 11	17 14	1 19	24 50	1 8	19 2	0 23	11 15	2 48	1 26	0 39	18 24	1 29	29 6	5 49	19 54	19 35	21 9			n.a.
W15	19 30	21 34	1 55	21 34	0 52	16 49	1 19	24 48	1 8	19 4	0 23	11 17	2 48	1 25	0 39	18 24	1 29	29 6	5 49	19 53	19 34	21 8			n.a.
T 16	19 15	20 48	3 3	21 52	0 33	16 24	1 18	24 46	1 8	19 6	0 23	11 18	2 48	1 25	0 39	18 23	1 29	29 6	5 49	19 52	19 33	21 7			n.a.
F 17	19 0	18 35	4 0	22 8	0 15	15 59	1 17	24 44	1 9	19 8	0 23	11 20	2 48	1 25	0 39	18 22	1 29	29 7	5 49	19 51	19 32	21 7			n.a.
S 18	18 45	15 7	4 39	22 21	0n 1	15 33	1 15	24 41	1 9	19 10	0 23	11 21	2 49	1 24	0 39	18 22	1 29	29 7	5 50	19 48	19 32	21 6			n.a.
S 19	18 29	10 44	4 59	22 31	0 17	15 7	1 14	24 39	1 9	19 12	0 23	11 23	2 49	1 24	0 39	18 21	1 29	29 7	5 50	19 46	19 31	21 5			n.a.
M20	18 13	5 48	5 0	22 39	0 32	14 40	1 13	24 36	1 10	19 14	0 23	11 25	2 49	1 23	0 39	18 20	1 29	29 8	5 50	19 43	19 30	21 5			n.a.
T 21	17 57	0 42	4 41	22 44	0 45	14 13	1 12	24 33	1 10	19 16	0 23	11 27	2 49	1 23	0 39	18 20	1 29	29 8	5 50	19 41	19 29	21 4			n.a.
W22	17 41	4s17	4 7	22 46	0 57	13 46	1 10	24 30	1 11	19 18	0 23	11 28	2 49	1 22	0 39	18 19	1 29	29 8	5 50	19 39	19 28	21 3			n.a.
T 23	17 24	8 54	3 21	22 45	1 8	13 18	1 9	24 26	1 11	19 20	0 23	11 30	2 50	1 22	0 39	18 18	1 29	29 9	5 51	19 38	19 28	21 3			n.a.
F 24	17 6	12 57	2 26	22 42	1 18	12 50	1 7	24 23	1 11	19 21	0 23	11 32	2 50	1 21	0 39	18 18	1 29	29 9	5 51	19 37	19 27	21 2			n.a.
S 25	16 49	16 20	1 25	22 35	1 27	12 22	1 6	24 19	1 12	19 23	0 23	11 34	2 50	1 21	0 39	18 17	1 29	29 9	5 51	19 37	19 26	21 1			n.a.
S 26	16 31	18 56	0 22	22 25	1 34	11 53	1 4	24 15	1 12	19 25	0 22	11 35	2 50	1 20	0 39	18 17	1 29	29 10	5 51	19 37	19 25	21 0			n.a.
M27	16 13	20 38	0n42	22 13	1 40	11 24	1 3	24 11	1 12	19 26	0 22	11 37	2 50	1 20	0 39	18 16	1 29	29 10	5 51	19 37	19 25	21 0			n.a.
T 28	15 55	21 25	1 42	21 58	1 45	10 54	1 1	24 7	1 13	19 28	0 22	11 39	2 50	1 19	0 39	18 15	1 29	29 10	5 52	19 36	19 24	20 59			n.a.
W29	15 36	21 15	2 38	21 41	1 50	10 25	0 59	24 2	1 13	19 30	0 22	11 41	2 50	1 18	0 39	18 15	1 29	29 10	5 52	19 35	19 23	20 58			n.a.
T 30	15 17	20 9	3 28	21 21	1 53	9 55	0 57	23 57	1 13	19 31	0 22	11 43	2 51	1 18	0 39	18 14	1 29	29 11	5 52	19 34	19 22	20 58			n.a.
F 31	14n58	18s 8	4n 8	20n59	1n55	9n25	0n56	23n53	1n14	19n33	0s22	11s44	2s51	1n17	0s39	18n13	1n29	29n11	5n52	19s32	19s21	20s57			n.a.

Julian Day Number = 987848.5, Delta T = 13h06m04s
Ecliptic obliquity = 23°55'25, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'44, Lahiri = -31°38'44 Julian Calendar 1 Aug. 2009 BCE == Greg. Calendar 15 July 2009 BCE

The year -2008 astronomical counting style corresponds to year 2009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

SEPTEMBER 2009 BCE (-2008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 33 44	21♌26'46	3♒16	7♌45	9♍44	18♋50	27♉10	6°R57	4°R37	14♌35	17♊42	25°R19	24♏46	0♐11	n.a.	S 1
S 2	21 37 41	22°26'33	15°34	9°25	10°58	19°28	27°16	6♓52	4♈35	14°38	17°43	25♏ 6	24°43	0°18	n.a.	S 2
M 3	21 41 37	23°26'22	28° 3	11° 6	12°13	20° 5	27°22	6°47	4°34	14°40	17°44	24°51	24°40	0°25	n.a.	M 3
T 4	21 45 34	24°26'13	10♓45	12°47	13°28	20°43	27°27	6°43	4°32	14°42	17°45	24°38	24°37	0°31	n.a.	T 4
W 5	21 49 30	25°26'06	23°38	14°29	14°43	21°21	27°32	6°38	4°30	14°44	17°46	24°26	24°33	0°38	n.a.	W 5
T 6	21 53 27	26°26'02	6♈41	16°12	15°57	21°59	27°37	6°33	4°28	14°46	17°46	24°17	24°30	0°45	n.a.	T 6
F 7	21 57 23	27°26'00	19°56	17°54	17°12	22°37	27°42	6°28	4°27	14°49	17°47	24°11	24°27	0°51	n.a.	F 7
S 8	22 1 20	28°26'00	3♉22	19°36	18°27	23°15	27°47	6°23	4°25	14°51	17°48	24° 8	24°24	0°58	n.a.	S 8
S 9	22 5 17	29°26'02	16°59	21°19	19°42	23°53	27°51	6°19	4°23	14°53	17°49	24° 7	24°21	1° 5	n.a.	S 9
M10	22 9 13	0♍26'07	0♊49	23° 1	20°56	24°30	27°56	6°14	4°21	14°55	17°49	24° 7	24°18	1°11	n.a.	M10
T 11	22 13 10	1°26'15	14°52	24°43	22°11	25° 8	28° 0	6° 9	4°19	14°57	17°50	24° 6	24°14	1°18	n.a.	T 11
W12	22 17 6	2°26'25	29° 8	26°25	23°26	25°46	28° 4	6° 4	4°17	15° 0	17°51	24° 4	24°11	1°25	n.a.	W12
T 13	22 21 3	3°26'37	13♋35	28° 6	24°40	26°24	28° 8	5°59	4°15	15° 2	17°51	24° 0	24° 8	1°31	n.a.	T 13
F 14	22 24 59	4°26'51	28° 9	29°47	25°55	27° 2	28°11	5°54	4°13	15° 4	17°52	23°52	24° 5	1°38	n.a.	F 14
S 15	22 28 56	5°27'08	12♌45	1♍27	27°10	27°40	28°15	5°49	4°11	15° 6	17°53	23°42	24° 2	1°45	n.a.	S 15
S 16	22 32 52	6°27'26	27°16	3° 7	28°25	28°17	28°18	5°44	4° 8	15° 8	17°53	23°31	23°59	1°51	n.a.	S 16
M17	22 36 49	7°27'47	11♍34	4°47	29°39	28°55	28°21	5°39	4° 6	15°10	17°54	23°19	23°55	1°58	n.a.	M17
T 18	22 40 46	8°28'09	25°33	6°26	0♎54	29°33	28°24	5°35	4° 4	15°12	17°54	23° 8	23°52	2° 5	n.a.	T 18
W19	22 44 42	9°28'33	9♎10	8° 4	2° 9	0♏11	28°27	5°30	4° 2	15°14	17°55	22°59	23°49	2°11	n.a.	W19
T 20	22 48 39	10°28'59	22°22	9°43	3°23	0°49	28°29	5°25	4° 0	15°16	17°55	22°52	23°46	2°18	n.a.	T 20
F 21	22 52 35	11°29'27	5♏ 9	11°20	4°38	1°27	28°32	5°20	3°57	15°19	17°56	22°48	23°43	2°25	n.a.	F 21
S 22	22 56 32	12°29'56	17°36	12°58	5°52	2° 4	28°34	5°15	3°55	15°21	17°56	22°D47	23°39	2°31	n.a.	S 22
S 23	23 0 28	13°30'27	29°45	14°35	7° 7	2°42	28°36	5°10	3°53	15°23	17°56	22°47	23°36	2°38	n.a.	S 23
M24	23 4 25	14°30'59	11♐42	16°11	8°22	3°20	28°37	5° 5	3°51	15°25	17°57	22°R47	23°33	2°45	n.a.	M24
T 25	23 8 21	15°31'33	23°32	17°47	9°36	3°58	28°39	5° 1	3°48	15°27	17°57	22°47	23°30	2°51	n.a.	T 25
W26	23 12 18	16°32'08	5♑22	19°23	10°51	4°35	28°40	4°56	3°46	15°29	17°57	22°45	23°27	2°58	n.a.	W26
T 27	23 16 14	17°32'45	17°15	20°59	12° 5	5°13	28°41	4°51	3°43	15°31	17°58	22°41	23°24	3° 5	n.a.	T 27
F 28	23 20 11	18°33'24	29°16	22°34	13°20	5°51	28°42	4°46	3°41	15°33	17°58	22°34	23°20	3°11	n.a.	F 28
S 29	23 24 8	19°34'03	11♒30	24° 8	14°34	6°29	28°43	4°42	3°39	15°35	17°58	22°25	23°17	3°18	n.a.	S 29
S 30	23 28 4	20♍34'44	23♒58	25♍43	15♎49	7♌ 6	28♉44	4♓37	3♈36	15♌36	17♊58	22♏14	23♏14	3♐25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n38	15s19	4n38	20n35	1n56	8n54	0n54	23n48	1n14	19n34	0s22	11s46	2s51	1n16	0s39	18n13	1n30	29n11	5n53	19s29	19s21	20s56		n.a.
S 2	14 19	11 47	4 56	20 8	1 57	8 24	0 52	23 43	1 15	19 35	0 22	11 48	2 51	1 16	0 39	18 12	1 30	29 12	5 53	19 25	19 20	20 55		n.a.
M 3	13 59	7 43	4 59	19 40	1 57	7 53	0 50	23 37	1 15	19 37	0 22	11 50	2 51	1 15	0 39	18 11	1 30	29 12	5 53	19 22	19 19	20 55		n.a.
T 4	13 38	3 15	4 48	19 10	1 56	7 22	0 48	23 32	1 15	19 38	0 22	11 52	2 51	1 14	0 39	18 11	1 30	29 12	5 53	19 19	19 18	20 54		n.a.
W 5	13 18	1n25	4 22	18 39	1 55	6 50	0 46	23 26	1 16	19 39	0 22	11 54	2 51	1 14	0 39	18 10	1 30	29 13	5 53	19 16	19 18	20 53		n.a.
T 6	12 57	6 6	3 43	18 6	1 53	6 19	0 43	23 20	1 16	19 40	0 22	11 56	2 51	1 13	0 39	18 9	1 30	29 13	5 54	19 13	19 17	20 52		n.a.
F 7	12 36	10 34	2 50	17 32	1 51	5 47	0 41	23 14	1 16	19 42	0 22	11 58	2 51	1 12	0 39	18 9	1 30	29 13	5 54	19 12	19 16	20 52		n.a.
S 8	12 15	14 34	1 47	16 57	1 48	5 15	0 39	23 8	1 17	19 43	0 22	12 0	2 51	1 11	0 39	18 8	1 30	29 14	5 54	19 11	19 15	20 51		n.a.
S 9	11 54	17 51	0 38	16 20	1 45	4 43	0 37	23 2	1 17	19 44	0 22	12 1	2 52	1 10	0 39	18 7	1 30	29 14	5 54	19 11	19 14	20 50		n.a.
M10	11 32	20 9	0s35	15 43	1 41	4 11	0 35	22 55	1 17	19 45	0 22	12 3	2 52	1 10	0 39	18 7	1 30	29 14	5 55	19 11	19 14	20 49		n.a.
T 11	11 11	21 16	1 47	15 4	1 37	3 39	0 32	22 49	1 18	19 46	0 21	12 5	2 52	1 9	0 39	18 6	1 30	29 14	5 55	19 11	19 13	20 49		n.a.
W12	10 49	21 1	2 54	14 25	1 33	3 7	0 30	22 42	1 18	19 47	0 21	12 7	2 52	1 8	0 39	18 6	1 30	29 15	5 55	19 10	19 12	20 48		n.a.
T 13	10 27	19 24	3 50	13 45	1 28	2 35	0 27	22 35	1 18	19 48	0 21	12 9	2 52	1 7	0 39	18 5	1 30	29 15	5 55	19 9	19 11	20 47		n.a.
F 14	10 4	16 31	4 32	13 5	1 24	2 2	0 25	22 28	1 19	19 49	0 21	12 11	2 52	1 6	0 39	18 4	1 30	29 15	5 55	19 7	19 10	20 46		n.a.
S 15	9 42	12 36	4 56	12 24	1 19	1 30	0 23	22 20	1 19	19 50	0 21	12 13	2 52	1 5	0 39	18 4	1 30	29 16	5 56	19 5	19 10	20 46		n.a.
S 16	9 19	7 58	5 0	11 42	1 13	0 57	0 20	22 13	1 19	19 50	0 21	12 15	2 52	1 5	0 39	18 3	1 30	29 16	5 56	19 2	19 9	20 45		n.a.
M17	8 56	2 58	4 46	11 0	1 8	0 25	0 18	22 5	1 20	19 51	0 21	12 17	2 52	1 4	0 39	18 2	1 30	29 16	5 56	18 59	19 8	20 44		n.a.
T 18	8 34	2s 5	4 15	10 17	1 2	0s 8	0 15	21 58	1 20	19 52	0 21	12 18	2 52	1 3	0 39	18 2	1 30	29 16	5 56	18 56	19 7	20 43		n.a.
W19	8 10	6 54	3 30	9 35	0 56	0 41	0 12	21 50	1 20	19 53	0 21	12 20	2 52	1 2	0 39	18 1	1 30	29 17	5 57	18 53	19 6	20 42		n.a.
T 20	7 47	11 15	2 34	8 52	0 50	1 13	0 10	21 42	1 21	19 53	0 21	12 22	2 52	1 1	0 39	18 1	1 30	29 17	5 57	18 52	19 6	20 42		n.a.
F 21	7 24	14 57	1 32	8 8	0 44	1 46	0 7	21 33	1 21	19 54	0 21	12 24	2 52	1 0	0 39	18 0	1 30	29 17	5 57	18 51	19 5	20 41		n.a.
S 22	7 0	17 52	0 28	7 25	0 38	2 18	0 5	21 25	1 21	19 54	0 21	12 26	2 52	0 59	0 39	17 59	1 30	29 18	5 57	18 50	19 4	20 40		n.a.
S 23	6 37	19 54	0n37	6 41	0 32	2 51	0 2	21 17	1 22	19 55	0 21	12 27	2 52	0 58	0 40	17 59	1 30	29 18	5 58	18 50	19 3	20 39		n.a.
M24	6 13	21 1	1 39	5 57	0 26	3 23	0s 1	21 8	1 22	19 55	0 21	12 29	2 52	0 57	0 40	17 58	1 30	29 18	5 58	18 51	19 2	20 38		n.a.
T 25	5 49	21 10	2 36	5 13	0 19	3 56	0 3	20 59	1 22	19 56	0 20	12 31	2 52	0 56	0 40	17 58	1 30	29 18	5 58	18 50	19 1	20 37		n.a.
W26	5 25	20 22	3 27	4 29	0 13	4 28	0 6	20 50	1 23	19 56	0 20	12 33	2 52	0 55	0 40	17 57	1 30	29 19	5 58	18 50	19 1	20 37		n.a.
T 27	5 1	18 41	4 8	3 45	0 6	5 0	0 9	20 41	1 23	19 56	0 20	12 35	2 52	0 54	0 40	17 57	1 30	29 19	5 59	18 49	19 0	20 36		n.a.
F 28	4 37	16 10	4 39	3 0	0s 0	5 32	0 11	20 32	1 23	19 57	0 20	12 36	2 51	0 53	0 40	17 56	1 30	29 19	5 59	18 47	18 59	20 35		n.a.
S 29	4 13	12 55	4 58	2 16	0 7	6 4	0 14	20 23	1 24	19 57	0 20	12 38	2 51	0 52	0 40	17 55	1 30	29 19	5 59	18 45	18 58	20 34		n.a.
S 30	3n48	9s 2	5n 4	1n32	0s13	6s36	0s17	20n13	1n24	19n57	0s20	12s40	2s51	0n51	0s40	17n55	1n30	29n20	5n59	18s42	18s57	20s33		n.a.

Julian Day Number = 987879.5, Delta T = 13h06m02s
Ecliptic obliquity = 23°55'25, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'40, Lahiri = -31°38'40 Julian Calendar 1 Sept. 2009 BCE == Greg. Calendar 15 Aug. 2009 BCE

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

OCTOBER 2009 BCE (-2008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 32 1	21♍35'27	6♓42	27♍17	17♎ 3	7♌44	28♉44	4°R32	3°R34	15♌38	17♊58	22°R 3	23♏11	3♑31	n.a.	M 1
T 2	23 35 57	22°36'11	19°42	28°51	18°18	8°22	28°R44	4♓28	3♈31	15°40	17°59	21♏52	23° 8	3°38	n.a.	T 2
W 3	23 39 54	23°36'57	2♈56	0♎25	19°32	9° 0	28°44	4°23	3°29	15°42	17°59	21°42	23° 4	3°45	n.a.	W 3
T 4	23 43 50	24°37'44	16°24	1°58	20°47	9°37	28°44	4°19	3°26	15°44	17°59	21°35	23° 1	3°52	n.a.	T 4
F 5	23 47 47	25°38'33	0♉ 2	3°31	22° 1	10°15	28°44	4°15	3°24	15°46	17°59	21°30	22°58	3°58	n.a.	F 5
S 6	23 51 43	26°39'23	13°49	5° 4	23°16	10°53	28°43	4°10	3°21	15°48	17°R59	21°28	22°55	4° 5	n.a.	S 6
S 7	23 55 40	27°40'16	27°42	6°37	24°30	11°30	28°42	4° 6	3°19	15°49	17°59	21°D28	22°52	4°12	n.a.	S 7
M 8	23 59 37	28°41'09	11♊42	8°10	25°44	12° 8	28°41	4° 2	3°16	15°51	17°59	21°29	22°49	4°18	n.a.	M 8
T 9	0 3 33	29°42'05	25°45	9°42	26°59	12°46	28°40	3°58	3°14	15°53	17°59	21°R30	22°45	4°25	n.a.	T 9
W10	0 7 30	0♎43'02	9♋53	11°14	28°13	13°23	28°39	3°53	3°11	15°55	17°59	21°29	22°42	4°32	n.a.	W10
T 11	0 11 26	1°44'01	24° 3	12°46	29°27	14° 1	28°37	3°49	3° 9	15°56	17°58	21°27	22°39	4°38	n.a.	T 11
F 12	0 15 23	2°45'02	8♌14	14°18	0♏42	14°39	28°35	3°45	3° 6	15°58	17°58	21°23	22°36	4°45	n.a.	F 12
S 13	0 19 19	3°46'04	22°22	15°50	1°56	15°16	28°33	3°41	3° 4	16° 0	17°58	21°16	22°33	4°52	n.a.	S 13
S 14	0 23 16	4°47'07	6♍24	17°21	3°10	15°54	28°31	3°38	3° 1	16° 1	17°58	21° 8	22°30	4°58	n.a.	S 14
M15	0 27 12	5°48'12	20°16	18°53	4°25	16°31	28°28	3°34	2°59	16° 3	17°58	21° 0	22°26	5° 5	n.a.	M15
T 16	0 31 9	6°49'17	3♎53	20°23	5°39	17° 9	28°26	3°30	2°56	16° 4	17°57	20°53	22°23	5°12	n.a.	T 16
W17	0 35 6	7°50'24	17°13	21°54	6°53	17°47	28°23	3°27	2°54	16° 6	17°57	20°47	22°20	5°18	n.a.	W17
T 18	0 39 2	8°51'32	0♏14	23°25	8° 7	18°24	28°20	3°23	2°51	16° 8	17°57	20°42	22°17	5°25	n.a.	T 18
F 19	0 42 59	9°52'41	12°56	24°55	9°22	19° 2	28°17	3°20	2°49	16° 9	17°56	20°40	22°14	5°32	n.a.	F 19
S 20	0 46 55	10°53'51	25°20	26°24	10°36	19°39	28°13	3°16	2°46	16°11	17°56	20°D40	22°10	5°38	n.a.	S 20
S 21	0 50 52	11°55'01	7♐29	27°53	11°50	20°17	28°10	3°13	2°44	16°12	17°56	20°41	22° 7	5°45	n.a.	S 21
M22	0 54 48	12°56'12	19°27	29°22	13° 4	20°54	28° 6	3°10	2°41	16°13	17°55	20°43	22° 4	5°52	n.a.	M22
T 23	0 58 45	13°57'24	1♑19	0♏50	14°18	21°32	28° 2	3° 7	2°39	16°15	17°55	20°45	22° 1	5°58	n.a.	T 23
W24	1 2 41	14°58'37	13° 8	2°17	15°32	22° 9	27°58	3° 4	2°36	16°16	17°54	20°R46	21°58	6° 5	n.a.	W24
T 25	1 6 38	15°59'50	25° 2	3°43	16°46	22°47	27°54	3° 1	2°34	16°18	17°54	20°45	21°55	6°12	n.a.	T 25
F 26	1 10 35	17° 1'03	7♒ 3	5° 8	18° 0	23°24	27°49	2°58	2°31	16°19	17°53	20°43	21°51	6°19	n.a.	F 26
S 27	1 14 31	18° 2'17	19°18	6°32	19°14	24° 2	27°45	2°55	2°29	16°20	17°53	20°39	21°48	6°25	n.a.	S 27
S 28	1 18 28	19° 3'31	1♓50	7°55	20°28	24°39	27°40	2°53	2°26	16°21	17°52	20°35	21°45	6°32	n.a.	S 28
M29	1 22 24	20° 4'46	14°41	9°15	21°42	25°17	27°35	2°50	2°24	16°23	17°51	20°30	21°42	6°39	n.a.	M29
T 30	1 26 21	21° 6'01	27°53	10°34	22°56	25°54	27°30	2°48	2°22	16°24	17°51	20°24	21°39	6°45	n.a.	T 30
W31	1 30 17	22♎ 7'16	11♈26	11♏50	24♏10	26♌31	27♉24	2♓45	2♈19	16♌25	17♊50	20♏20	21♏35	6♑52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	3n24	4s41	4n54	0n48	0s20	7s 8	0s20	20n 4	1n24	19n57	0s20	12s41	2s51	0n50	0s40	17n54	1n30	29n20	6n 0	18s39	18s57	20s32			n.a.
T 2	3 0	0 3	4 29	0 4	0 26	7 39	0 22	19 54	1 25	19 58	0 20	12 43	2 51	0 49	0 40	17 54	1 30	29 20	6 0	18 36	18 56	20 32			n.a.
W 3	2 35	4n41	3 49	0s40	0 32	8 11	0 25	19 44	1 25	19 58	0 20	12 44	2 51	0 48	0 40	17 53	1 30	29 20	6 0	18 33	18 55	20 31			n.a.
T 4	2 11	9 17	2 56	1 23	0 39	8 42	0 28	19 34	1 25	19 58	0 20	12 46	2 51	0 47	0 40	17 53	1 30	29 21	6 0	18 31	18 54	20 30			n.a.
F 5	1 46	13 27	1 52	2 7	0 45	9 13	0 30	19 24	1 26	19 58	0 20	12 48	2 51	0 46	0 40	17 52	1 30	29 21	6 0	18 30	18 53	20 29			n.a.
S 6	1 21	16 57	0 41	2 50	0 51	9 44	0 33	19 14	1 26	19 58	0 20	12 49	2 51	0 45	0 40	17 52	1 31	29 21	6 1	18 30	18 52	20 28			n.a.
S 7	0 57	19 30	0s34	3 33	0 57	10 14	0 36	19 3	1 26	19 57	0 20	12 51	2 51	0 44	0 40	17 51	1 31	29 21	6 1	18 30	18 52	20 27			n.a.
M 8	0 32	20 53	1 47	4 16	1 4	10 44	0 39	18 53	1 26	19 57	0 19	12 52	2 51	0 43	0 40	17 51	1 31	29 22	6 1	18 30	18 51	20 26			n.a.
T 9	0 7	20 58	2 54	4 59	1 9	11 14	0 41	18 42	1 27	19 57	0 19	12 53	2 50	0 42	0 40	17 50	1 31	29 22	6 1	18 30	18 50	20 26			n.a.
W10	0s17	19 43	3 51	5 41	1 15	11 44	0 44	18 32	1 27	19 57	0 19	12 55	2 50	0 41	0 40	17 50	1 31	29 22	6 2	18 30	18 49	20 25			n.a.
T 11	0 42	17 15	4 33	6 23	1 21	12 14	0 47	18 21	1 27	19 57	0 19	12 56	2 50	0 40	0 40	17 49	1 31	29 22	6 2	18 29	18 48	20 24			n.a.
F 12	1 7	13 45	5 0	7 4	1 27	12 43	0 49	18 10	1 28	19 56	0 19	12 58	2 50	0 39	0 40	17 49	1 31	29 23	6 2	18 28	18 48	20 23			n.a.
S 13	1 32	9 30	5 8	7 46	1 32	13 12	0 52	17 59	1 28	19 56	0 19	12 59	2 50	0 38	0 39	17 48	1 31	29 23	6 2	18 27	18 47	20 22			n.a.
S 14	1 56	4 45	4 57	8 26	1 37	13 40	0 54	17 48	1 28	19 56	0 19	13 0	2 50	0 37	0 39	17 48	1 31	29 23	6 3	18 24	18 46	20 21			n.a.
M15	2 21	0s10	4 29	9 6	1 42	14 8	0 57	17 36	1 29	19 55	0 19	13 1	2 49	0 36	0 39	17 47	1 31	29 23	6 3	18 22	18 45	20 20			n.a.
T 16	2 46	5 1	3 46	9 46	1 47	14 36	1 0	17 25	1 29	19 55	0 19	13 3	2 49	0 35	0 39	17 47	1 31	29 23	6 3	18 20	18 44	20 19			n.a.
W17	3 10	9 31	2 51	10 25	1 51	15 4	1 2	17 14	1 29	19 54	0 19	13 4	2 49	0 34	0 39	17 47	1 31	29 24	6 3	18 19	18 43	20 18			n.a.
T 18	3 35	13 28	1 49	11 3	1 56	15 31	1 5	17 2	1 29	19 53	0 18	13 5	2 49	0 33	0 39	17 46	1 31	29 24	6 4	18 17	18 43	20 17			n.a.
F 19	3 59	16 42	0 42	11 41	2 0	15 57	1 7	16 50	1 30	19 53	0 18	13 6	2 49	0 32	0 39	17 46	1 31	29 24	6 4	18 17	18 42	20 16			n.a.
S 20	4 24	19 4	0n25	12 18	2 3	16 24	1 9	16 38	1 30	19 52	0 18	13 7	2 49	0 31	0 39	17 45	1 31	29 24	6 4	18 17	18 41	20 16			n.a.
S 21	4 48	20 31	1 30	12 54	2 7	16 50	1 12	16 27	1 30	19 51	0 18	13 8	2 48	0 30	0 39	17 45	1 31	29 24	6 4	18 17	18 40	20 15			n.a.
M22	5 13	21 0	2 30	13 29	2 10	17 15	1 14	16 15	1 31	19 51	0 18	13 9	2 48	0 29	0 39	17 44	1 31	29 25	6 5	18 18	18 39	20 14			n.a.
T 23	5 37	20 31	3 24	14 4	2 13	17 40	1 16	16 3	1 31	19 50	0 18	13 10	2 48	0 28	0 39	17 44	1 31	29 25	6 5	18 18	18 38	20 13			n.a.
W24	6 1	19 9	4 8	14 37	2 15	18 5	1 19	15 50	1 31	19 49	0 18	13 11	2 48	0 27	0 39	17 44	1 31	29 25	6 5	18 18	18 38	20 12			n.a.
T 25	6 25	16 56	4 42	15 9	2 17	18 29	1 21	15 38	1 31	19 48	0 18	13 12	2 48	0 26	0 39	17 43	1 31	29 25	6 5	18 18	18 37	20 11			n.a.
F 26	6 49	13 59	5 4	15 40	2 18	18 52	1 23	15 26	1 32	19 47	0 18	13 13	2 47	0 25	0 39	17 43	1 32	29 25	6 5	18 18	18 36	20 10			n.a.
S 27	7 13	10 23	5 12	16 9	2 19	19 15	1 25	15 13	1 32	19 46	0 18	13 14	2 47	0 24	0 39	17 43	1 32	29 25	6 6	18 17	18 35	20 9			n.a.
S 28	7 37	6 16	5 7	16 37	2 19	19 38	1 27	15 1	1 32	19 45	0 17	13 14	2 47	0 23	0 39	17 42	1 32	29 26	6 6	18 15	18 34	20 8			n.a.
M29	8 0	1 46	4 45	17 3	2 19	20 0	1 29	14 48	1 33	19 44	0 17	13 15	2 47	0 22	0 39	17 42	1 32	29 26	6 6	18 14	18 33	20 7			n.a.
T 30	8 24	2n56	4 9	17 28	2 18	20 21	1 31	14 36	1 33	19 43	0 17	13 16	2 46	0 22	0 39	17 42	1 32	29 26	6 6	18 13	18 33	20 6			n.a.
W31	8s47	7n37	3n17	17s51	2s16	20s42	1s33	14n23	1n33	19n42	0s17	13s16	2s46	0n21	0s39	17n41	1n32	29n26	6n 7	18s11	18s32	20s 5			n.a.

Julian Day Number = 987909.5, Delta T = 13h05m59s
Ecliptic obliquity = 23°55'26, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'36, Lahiri = -31°38'36 Julian Calendar 1 Oct. 2009 BCE == Greg. Calendar 14 Sept. 2009 BCE

The year -2008 astronomical counting style corresponds to year 2009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

NOVEMBER 2009 BCE (-2008) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 34 14	23♎ 8'32	25♈16	13♏ 4	25♏24	27♌ 9	27°R19	2°R43	2°R17	16♌26	17°R49	20°R17	21♏32	6♑59	n.a.	T 1
F 2	1 38 10	24° 9'48	9♉21	14°14	26°37	27°46	27♉13	2♓41	2♈15	16°27	17♊49	20♏15	21°29	7° 5	n.a.	F 2
S 3	1 42 7	25°11'05	23°37	15°21	27°51	28°23	27° 7	2°39	2°12	16°28	17°48	20°D15	21°26	7°12	n.a.	S 3
S 4	1 46 4	26°12'23	7♊58	16°24	29° 5	29° 1	27° 1	2°37	2°10	16°29	17°47	20°15	21°23	7°19	n.a.	S 4
M 5	1 50 0	27°13'41	22°20	17°21	0♐19	29°38	26°55	2°35	2° 8	16°30	17°46	20°17	21°20	7°25	n.a.	M 5
T 6	1 53 57	28°15'00	6♋40	18°13	1°32	0♏15	26°49	2°34	2° 6	16°31	17°46	20°18	21°16	7°32	n.a.	T 6
W 7	1 57 53	29°16'20	20°54	18°58	2°46	0°53	26°43	2°32	2° 4	16°32	17°45	20°19	21°13	7°39	n.a.	W 7
T 8	2 1 50	0♏17'40	5♌ 1	19°36	3°59	1°30	26°36	2°31	2° 1	16°33	17°44	20°R19	21°10	7°45	n.a.	T 8
F 9	2 5 46	1°19'00	18°58	20° 5	5°13	2° 7	26°30	2°29	1°59	16°34	17°43	20°19	21° 7	7°52	n.a.	F 9
S 10	2 9 43	2°20'21	2♍45	20°26	6°27	2°44	26°23	2°28	1°57	16°35	17°42	20°17	21° 4	7°59	n.a.	S 10
S 11	2 13 40	3°21'42	16°21	20°R36	7°40	3°22	26°16	2°27	1°55	16°36	17°41	20°15	21° 1	8° 5	n.a.	S 11
M12	2 17 36	4°23'03	29°44	20°36	8°53	3°59	26° 9	2°26	1°53	16°37	17°40	20°12	20°57	8°12	n.a.	M12
T 13	2 21 33	5°24'25	12♎55	20°24	10° 7	4°36	26° 2	2°25	1°51	16°37	17°39	20°10	20°54	8°19	n.a.	T 13
W14	2 25 29	6°25'46	25°51	20° 1	11°20	5°13	25°55	2°24	1°49	16°38	17°38	20° 8	20°51	8°26	n.a.	W14
T 15	2 29 26	7°27'08	8♏34	19°25	12°34	5°50	25°48	2°23	1°47	16°39	17°37	20° 7	20°48	8°32	n.a.	T 15
F 16	2 33 22	8°28'29	21° 3	18°39	13°47	6°27	25°40	2°23	1°45	16°40	17°36	20°D 7	20°45	8°39	n.a.	F 16
S 17	2 37 19	9°29'51	3♐19	17°42	15° 0	7° 4	25°33	2°22	1°43	16°40	17°35	20° 7	20°41	8°46	n.a.	S 17
S 18	2 41 15	10°31'12	15°24	16°35	16°13	7°41	25°25	2°22	1°42	16°41	17°34	20° 8	20°38	8°52	n.a.	S 18
M19	2 45 12	11°32'33	27°21	15°22	17°26	8°18	25°18	2°22	1°40	16°41	17°33	20° 9	20°35	8°59	n.a.	M19
T 20	2 49 9	12°33'53	9♑12	14° 4	18°39	8°55	25°10	2°22	1°38	16°42	17°32	20°10	20°32	9° 6	n.a.	T 20
W21	2 53 5	13°35'13	21° 2	12°43	19°53	9°32	25° 2	2°D22	1°36	16°42	17°31	20°11	20°29	9°12	n.a.	W21
T 22	2 57 2	14°36'32	2♒54	11°23	21° 5	10° 9	24°54	2°22	1°35	16°43	17°30	20°11	20°26	9°19	n.a.	T 22
F 23	3 0 58	15°37'50	14°54	10° 6	22°18	10°46	24°46	2°22	1°33	16°43	17°29	20°R11	20°22	9°26	n.a.	F 23
S 24	3 4 55	16°39'08	27° 6	8°54	23°31	11°23	24°38	2°22	1°32	16°44	17°28	20°11	20°19	9°32	n.a.	S 24
S 25	3 8 51	17°40'25	9♓34	7°48	24°44	12° 0	24°30	2°23	1°30	16°44	17°26	20°11	20°16	9°39	n.a.	S 25
M26	3 12 48	18°41'41	22°24	6°52	25°57	12°36	24°22	2°23	1°29	16°44	17°25	20°11	20°13	9°46	n.a.	M26
T 27	3 16 45	19°42'56	5♈37	6° 4	27° 9	13°13	24°14	2°24	1°27	16°45	17°24	20°D11	20°10	9°53	n.a.	T 27
W28	3 20 41	20°44'11	19°14	5°26	28°22	13°50	24° 6	2°25	1°26	16°45	17°23	20°11	20° 7	9°59	n.a.	W28
T 29	3 24 38	21°45'24	3♉17	4°58	29°34	14°26	23°58	2°26	1°24	16°45	17°22	20°11	20° 3	10° 6	n.a.	T 29
F 30	3 28 34	22♏46'37	17♉40	4♏39	0♑47	15♍ 3	23♉50	2♓27	1♈23	16♌45	17♊20	20°R11	20♏ 0	10♑13	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s10	12n 1	2n13	18s12	2s14	21s 2	1s35	14n10	1n33	19n41	0s17	13s17	2s46	0n20	0s39	17n41	1n32	29n26	6n 7	18s10	18s31	20s 4		n.a.
F 2	9 33	15 50	1 0	18 30	2 10	21 22	1 37	13 57	1 34	19 40	0 17	13 18	2 46	0 19	0 39	17 41	1 32	29 26	6 7	18 10	18 30	20 3		n.a.
S 3	9 56	18 45	0s19	18 46	2 6	21 41	1 39	13 44	1 34	19 38	0 17	13 18	2 46	0 18	0 39	17 41	1 32	29 27	6 7	18 10	18 29	20 2		n.a.
S 4	10 19	20 30	1 36	19 0	2 0	22 0	1 41	13 31	1 34	19 37	0 17	13 19	2 45	0 17	0 39	17 40	1 32	29 27	6 7	18 10	18 28	20 1		n.a.
M 5	10 42	20 54	2 48	19 10	1 54	22 17	1 42	13 18	1 34	19 36	0 16	13 19	2 45	0 16	0 39	17 40	1 32	29 27	6 8	18 10	18 27	20 0		n.a.
T 6	11 4	19 57	3 49	19 18	1 46	22 35	1 44	13 5	1 35	19 35	0 16	13 19	2 45	0 15	0 39	17 40	1 32	29 27	6 8	18 11	18 27	19 59		n.a.
W 7	11 26	17 44	4 35	19 22	1 38	22 51	1 45	12 51	1 35	19 33	0 16	13 20	2 45	0 14	0 39	17 40	1 32	29 27	6 8	18 11	18 26	19 58		n.a.
T 8	11 48	14 29	5 5	19 23	1 27	23 7	1 47	12 38	1 35	19 32	0 16	13 20	2 44	0 14	0 39	17 39	1 32	29 27	6 8	18 11	18 25	19 57		n.a.
F 9	12 10	10 27	5 16	19 20	1 16	23 22	1 48	12 25	1 35	19 30	0 16	13 20	2 44	0 13	0 39	17 39	1 32	29 27	6 8	18 11	18 24	19 56		n.a.
S 10	12 32	5 55	5 8	19 14	1 3	23 37	1 49	12 11	1 36	19 29	0 16	13 21	2 44	0 12	0 39	17 39	1 32	29 27	6 9	18 10	18 23	19 55		n.a.
S 11	12 53	1 9	4 44	19 3	0 49	23 51	1 51	11 58	1 36	19 27	0 16	13 21	2 44	0 11	0 39	17 39	1 32	29 28	6 9	18 10	18 22	19 54		n.a.
M12	13 14	3s37	4 4	18 47	0 33	24 4	1 52	11 44	1 36	19 26	0 16	13 21	2 43	0 10	0 39	17 38	1 32	29 28	6 9	18 9	18 21	19 53		n.a.
T 13	13 35	8 8	3 12	18 28	0 16	24 17	1 53	11 30	1 36	19 24	0 15	13 21	2 43	0 9	0 39	17 38	1 33	29 28	6 9	18 9	18 21	19 52		n.a.
W14	13 56	12 12	2 10	18 4	0n 2	24 29	1 54	11 17	1 36	19 23	0 15	13 21	2 43	0 9	0 39	17 38	1 33	29 28	6 9	18 8	18 20	19 51		n.a.
T 15	14 17	15 39	1 4	17 36	0 22	24 40	1 55	11 3	1 37	19 21	0 15	13 21	2 42	0 8	0 39	17 38	1 33	29 28	6 10	18 8	18 19	19 50		n.a.
F 16	14 37	18 18	0n 5	17 4	0 41	24 50	1 56	10 49	1 37	19 19	0 15	13 21	2 42	0 7	0 39	17 38	1 33	29 28	6 10	18 8	18 18	19 49		n.a.
S 17	14 57	20 3	1 13	16 28	1 2	25 0	1 57	10 35	1 37	19 18	0 15	13 21	2 42	0 6	0 39	17 38	1 33	29 28	6 10	18 8	18 17	19 48		n.a.
S 18	15 17	20 51	2 16	15 50	1 22	25 8	1 57	10 21	1 37	19 16	0 15	13 21	2 42	0 6	0 39	17 38	1 33	29 28	6 10	18 8	18 16	19 47		n.a.
M19	15 36	20 41	3 12	15 10	1 41	25 16	1 58	10 7	1 38	19 14	0 15	13 21	2 41	0 5	0 39	17 37	1 33	29 28	6 10	18 8	18 15	19 46		n.a.
T 20	15 55	19 36	4 0	14 29	2 0	25 24	1 59	9 54	1 38	19 13	0 14	13 20	2 41	0 4	0 39	17 37	1 33	29 28	6 11	18 9	18 15	19 45		n.a.
W21	16 14	17 40	4 38	13 48	2 17	25 30	1 59	9 39	1 38	19 11	0 14	13 20	2 41	0 4	0 39	17 37	1 33	29 28	6 11	18 9	18 14	19 44		n.a.
T 22	16 33	14 59	5 3	13 9	2 32	25 36	1 59	9 25	1 38	19 9	0 14	13 20	2 41	0 3	0 39	17 37	1 33	29 28	6 11	18 9	18 13	19 43		n.a.
F 23	16 51	11 39	5 16	12 32	2 45	25 41	2 0	9 11	1 38	19 7	0 14	13 20	2 40	0 2	0 39	17 37	1 33	29 28	6 11	18 9	18 12	19 42		n.a.
S 24	17 9	7 48	5 15	11 59	2 56	25 45	2 0	8 57	1 39	19 5	0 14	13 19	2 40	0 2	0 39	17 37	1 33	29 29	6 11	18 9	18 11	19 41		n.a.
S 25	17 27	3 31	5 0	11 30	3 4	25 49	2 0	8 43	1 39	19 4	0 14	13 19	2 40	0 1	0 39	17 37	1 33	29 29	6 11	18 9	18 10	19 40		n.a.
M26	17 44	1n 2	4 29	11 5	3 10	25 52	2 0	8 29	1 39	19 2	0 13	13 18	2 39	0 1	0 39	17 37	1 33	29 29	6 12	18 9	18 9	19 39		n.a.
T 27	18 1	5 40	3 43	10 46	3 14	25 54	2 0	8 15	1 39	19 0	0 13	13 18	2 39	0 0	0 39	17 37	1 33	29 29	6 12	18 9	18 9	19 38		n.a.
W28	18 18	10 12	2 44	10 31	3 16	25 55	2 0	8 0	1 39	18 58	0 13	13 17	2 39	0s 0	0 39	17 37	1 33	29 29	6 12	18 9	18 8	19 37		n.a.
T 29	18 34	14 18	1 33	10 22	3 16	25 55	2 0	7 46	1 39	18 56	0 13	13 17	2 39	0 1	0 38	17 37	1 34	29 29	6 12	18 9	18 7	19 36		n.a.
F 30	18s50	17n40	0n14	10s17	3n15	25s55	1s59	7n32	1n40	18n54	0s13	13s16	2s38	0s 2	0s38	17n37	1n34	29n29	6n12	18s 9	18s 6	19s35		n.a.

Julian Day Number = 987940.5, Delta T = 13h05m57s
Ecliptic obliquity = 23°55'25, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'32, Lahiri = -31°38'31 Julian Calendar 1 Nov. 2009 BCE == Greg. Calendar 15 Oct. 2009 BCE

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ASTRODIENST EPHEMERIS for the year 2009 BCE
geocentric

DECEMBER 2009 BCE (-2008) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 32 31	23♏47'50	2♊21	4°R30	1♑59	15♍40	23°R42	2♓28	1°R22	16♎45	17°R19	20°R11	19♏57	10♑19	n.a.	S 1
S 2	3 36 27	24°49'01	17°10	4°D29	3°12	16°16	23♉34	2°29	1♈20	16°45	17♊18	20♏10	19°54	10°26	n.a.	S 2
M 3	3 40 24	25°50'12	2♋ 2	4♏37	4°24	16°53	23°26	2°31	1°19	16°46	17°17	20°10	19°51	10°33	n.a.	M 3
T 4	3 44 21	26°51'22	16°48	4°52	5°36	17°29	23°18	2°32	1°18	16°46	17°15	20° 9	19°47	10°39	n.a.	T 4
W 5	3 48 17	27°52'32	1♌22	5°14	6°48	18° 6	23°10	2°34	1°17	16°R46	17°14	20° 8	19°44	10°46	n.a.	W 5
T 6	3 52 14	28°53'41	15°40	5°43	8° 0	18°42	23° 2	2°35	1°16	16°46	17°13	20° 8	19°41	10°53	n.a.	T 6
F 7	3 56 10	29°54'49	29°39	6°17	9°12	19°19	22°54	2°37	1°15	16°46	17°11	20°D 8	19°38	10°59	n.a.	F 7
S 8	4 0 7	0♐55'57	13♍19	6°56	10°24	19°55	22°46	2°39	1°14	16°45	17°10	20° 8	19°35	11° 6	n.a.	S 8
S 9	4 4 3	1°57'04	26°39	7°40	11°35	20°32	22°38	2°41	1°13	16°45	17° 9	20° 8	19°32	11°13	n.a.	S 9
M10	4 8 0	2°58'10	9♎43	8°28	12°47	21° 8	22°30	2°43	1°12	16°45	17° 7	20°10	19°28	11°20	n.a.	M10
T 11	4 11 56	3°59'15	22°31	9°20	13°59	21°44	22°22	2°46	1°11	16°45	17° 6	20°11	19°25	11°26	n.a.	T 11
W12	4 15 53	5° 0'19	5♏ 5	10°16	15°10	22°20	22°15	2°48	1°11	16°45	17° 5	20°12	19°22	11°33	n.a.	W12
T 13	4 19 50	6° 1'22	17°28	11°14	16°21	22°57	22° 7	2°50	1°10	16°44	17° 3	20°R12	19°19	11°40	n.a.	T 13
F 14	4 23 46	7° 2'24	29°42	12°16	17°33	23°33	21°59	2°53	1° 9	16°44	17° 2	20°12	19°16	11°46	n.a.	F 14
S 15	4 27 43	8° 3'25	11♐47	13°20	18°44	24° 9	21°52	2°56	1° 9	16°44	17° 0	20°11	19°12	11°53	n.a.	S 15
S 16	4 31 39	9° 4'25	23°45	14°27	19°55	24°45	21°44	2°58	1° 8	16°43	16°59	20° 9	19° 9	12° 0	n.a.	S 16
M17	4 35 36	10° 5'23	5♑39	15°35	21° 6	25°21	21°37	3° 1	1° 8	16°43	16°58	20° 6	19° 6	12° 6	n.a.	M17
T 18	4 39 32	11° 6'20	17°29	16°46	22°17	25°57	21°30	3° 4	1° 7	16°43	16°56	20° 2	19° 3	12°13	n.a.	T 18
W19	4 43 29	12° 7'15	29°19	17°58	23°27	26°33	21°23	3° 7	1° 7	16°42	16°55	19°58	19° 0	12°20	n.a.	W19
T 20	4 47 26	13° 8'09	11♒12	19°13	24°38	27° 9	21°16	3°11	1° 7	16°42	16°53	19°55	18°57	12°27	n.a.	T 20
F 21	4 51 22	14° 9'01	23°11	20°28	25°48	27°44	21° 9	3°14	1° 6	16°41	16°52	19°52	18°53	12°33	n.a.	F 21
S 22	4 55 19	15° 9'51	5♓20	21°45	26°59	28°20	21° 2	3°17	1° 6	16°41	16°51	19°50	18°50	12°40	n.a.	S 22
S 23	4 59 15	16°10'39	17°43	23° 4	28° 9	28°56	20°55	3°21	1° 6	16°40	16°49	19°D50	18°47	12°47	n.a.	S 23
M24	5 3 12	17°11'26	0♈26	24°24	29°19	29°31	20°48	3°24	1° 6	16°39	16°48	19°51	18°44	12°53	n.a.	M24
T 25	5 7 8	18°12'11	13°31	25°45	0♒29	0♎ 7	20°42	3°28	1° 6	16°39	16°46	19°52	18°41	13° 0	n.a.	T 25
W26	5 11 5	19°12'54	27° 3	27° 7	1°38	0°42	20°36	3°32	1°D 6	16°38	16°45	19°54	18°38	13° 7	n.a.	W26
T 27	5 15 1	20°13'35	11♉ 2	28°31	2°48	1°18	20°30	3°36	1° 6	16°37	16°44	19°55	18°34	13°13	n.a.	T 27
F 28	5 18 58	21°14'14	25°29	29°55	3°58	1°53	20°24	3°40	1° 6	16°37	16°42	19°R55	18°31	13°20	n.a.	F 28
S 29	5 22 55	22°14'51	10♊19	1♐21	5° 7	2°28	20°18	3°44	1° 6	16°36	16°41	19°54	18°28	13°27	n.a.	S 29
S 30	5 26 51	23°15'27	25°25	2°48	6°16	3° 4	20°12	3°48	1° 6	16°35	16°39	19°51	18°25	13°33	n.a.	S 30
M31	5 30 48	24♐16'01	10♋39	4♐15	7♒25	3♎39	20♉ 6	3♓52	1♈ 6	16♎34	16♊38	19♏46	18♏22	13♑40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 6	19n57	1s 7	10s17	3n12	25s53	1s59	7n17	1n40	18n52	0s13	13s15	2s38	0s 2	0s38	17n37	1n34	29n29	6n12	18s 9	18s 5	19s33		n.a.
S 2	19 21	20 54	2 24	10 20	3 8	25 51	1 58	7 3	1 40	18 50	0 13	13 14	2 38	0 2	0 38	17 37	1 34	29 29	6 12	18 9	18 4	19 32		n.a.
M 3	19 36	20 22	3 32	10 28	3 2	25 49	1 58	6 49	1 40	18 48	0 12	13 14	2 37	0 3	0 38	17 37	1 34	29 29	6 13	18 9	18 3	19 31		n.a.
T 4	19 51	18 27	4 25	10 38	2 56	25 45	1 57	6 34	1 40	18 47	0 12	13 13	2 37	0 3	0 38	17 37	1 34	29 29	6 13	18 8	18 2	19 30		n.a.
W 5	20 5	15 22	5 1	10 52	2 50	25 41	1 56	6 20	1 40	18 45	0 12	13 12	2 37	0 4	0 38	17 37	1 34	29 29	6 13	18 8	18 2	19 29		n.a.
T 6	20 19	11 26	5 16	11 8	2 43	25 36	1 55	6 5	1 41	18 43	0 12	13 11	2 37	0 4	0 38	17 37	1 34	29 29	6 13	18 8	18 1	19 28		n.a.
F 7	20 32	6 57	5 13	11 27	2 35	25 30	1 54	5 51	1 41	18 41	0 12	13 10	2 36	0 5	0 38	17 37	1 34	29 29	6 13	18 8	18 0	19 27		n.a.
S 8	20 46	2 13	4 52	11 48	2 27	25 23	1 53	5 37	1 41	18 39	0 12	13 9	2 36	0 5	0 38	17 37	1 34	29 29	6 13	18 8	17 59	19 26		n.a.
S 9	20 58	2s32	4 15	12 10	2 18	25 16	1 52	5 22	1 41	18 37	0 11	13 8	2 36	0 5	0 38	17 37	1 34	29 29	6 13	18 8	17 58	19 25		n.a.
M10	21 10	7 4	3 26	12 34	2 10	25 8	1 51	5 8	1 41	18 35	0 11	13 7	2 36	0 6	0 38	17 38	1 34	29 29	6 14	18 9	17 57	19 24		n.a.
T 11	21 22	11 12	2 28	12 59	2 1	24 59	1 49	4 53	1 41	18 33	0 11	13 6	2 35	0 6	0 38	17 38	1 34	29 29	6 14	18 9	17 56	19 23		n.a.
W12	21 34	14 47	1 23	13 25	1 52	24 50	1 48	4 39	1 41	18 31	0 11	13 5	2 35	0 6	0 38	17 38	1 34	29 29	6 14	18 9	17 55	19 21		n.a.
T 13	21 45	17 38	0 15	13 52	1 43	24 39	1 46	4 24	1 41	18 30	0 11	13 4	2 35	0 6	0 38	17 38	1 34	29 29	6 14	18 9	17 55	19 20		n.a.
F 14	21 55	19 39	0n52	14 20	1 34	24 29	1 45	4 10	1 42	18 28	0 11	13 3	2 34	0 7	0 38	17 38	1 34	29 29	6 14	18 9	17 54	19 19		n.a.
S 15	22 6	20 44	1 56	14 48	1 25	24 17	1 43	3 55	1 42	18 26	0 10	13 1	2 34	0 7	0 38	17 38	1 35	29 29	6 14	18 9	17 53	19 18		n.a.
S 16	22 15	20 52	2 55	15 17	1 16	24 5	1 41	3 41	1 42	18 24	0 10	13 0	2 34	0 7	0 38	17 38	1 35	29 29	6 14	18 8	17 52	19 17		n.a.
M17	22 25	20 3	3 45	15 46	1 7	23 52	1 39	3 26	1 42	18 22	0 10	12 59	2 34	0 7	0 38	17 39	1 35	29 29	6 14	18 7	17 51	19 16		n.a.
T 18	22 34	18 22	4 25	16 15	0 59	23 38	1 37	3 12	1 42	18 21	0 10	12 57	2 33	0 7	0 38	17 39	1 35	29 28	6 14	18 6	17 50	19 15		n.a.
W19	22 42	15 54	4 54	16 44	0 50	23 24	1 35	2 57	1 42	18 19	0 10	12 56	2 33	0 7	0 38	17 39	1 35	29 28	6 14	18 5	17 49	19 13		n.a.
T 20	22 50	12 47	5 11	17 13	0 41	23 9	1 32	2 43	1 42	18 17	0 10	12 55	2 33	0 7	0 38	17 39	1 35	29 28	6 15	18 4	17 48	19 12		n.a.
F 21	22 58	9 8	5 14	17 42	0 32	22 53	1 30	2 28	1 42	18 15	0 9	12 53	2 33	0 8	0 38	17 39	1 35	29 28	6 15	18 4	17 47	19 11		n.a.
S 22	23 5	5 3	5 3	18 11	0 24	22 37	1 28	2 14	1 42	18 14	0 9	12 52	2 32	0 8	0 38	17 40	1 35	29 28	6 15	18 3	17 47	19 10		n.a.
S 23	23 11	0 42	4 38	18 40	0 16	22 20	1 25	2 0	1 42	18 12	0 9	12 50	2 32	0 8	0 38	17 40	1 35	29 28	6 15	18 3	17 46	19 9		n.a.
M24	23 17	3n49	3 59	19 8	0 8	22 3	1 22	1 45	1 42	18 11	0 9	12 48	2 32	0 8	0 38	17 40	1 35	29 28	6 15	18 3	17 45	19 8		n.a.
T 25	23 23	8 18	3 7	19 36	0s 0	21 45	1 19	1 31	1 42	18 9	0 9	12 47	2 32	0 8	0 38	17 40	1 35	29 28	6 15	18 4	17 44	19 7		n.a.
W26	23 28	12 31	2 2	20 3	0 8	21 26	1 17	1 16	1 42	18 7	0 8	12 45	2 31	0 8	0 37	17 41	1 35	29 28	6 15	18 4	17 43	19 5		n.a.
T 27	23 33	16 12	0 49	20 29	0 16	21 7	1 14	1 2	1 42	18 6	0 8	12 44	2 31	0 8	0 37	17 41	1 35	29 28	6 15	18 5	17 42	19 4		n.a.
F 28	23 38	19 2	0s30	20 55	0 23	20 48	1 11	0 48	1 42	18 4	0 8	12 42	2 31	0 8	0 37	17 41	1 35	29 28	6 15	18 5	17 41	19 3		n.a.
S 29	23 41	20 39	1 49	21 21	0 31	20 28	1 7	0 33	1 42	18 3	0 8	12 40	2 31	0 7	0 37	17 41	1 35	29 28	6 15	18 4	17 40	19 2		n.a.
S 30	23 45	20 49	3 2	21 45	0 38	20 7	1 4	0 19	1 42	18 2	0 8	12 38	2 30	0 7	0 37	17 42	1 35	29 28	6 15	18 3	17 39	19 1		n.a.
M31	23s48	19n28	4s 2	22s 9	0s45	19s46	1s 1	0n 5	1n42	18n 0	0s 8	12s37	2s30	0s 7	0s37	17n42	1n35	29n27	6n15	18s 2	17s38	19s 0		n.a.

Julian Day Number = 987970.5, Delta T = 13h05m55s
Ecliptic obliquity = 23°55'24, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'28, Lahiri = -31°38'27 Julian Calendar 1 Dec. 2009 BCE == Greg. Calendar 14 Nov. 2009 BCE

The year -2008 astronomical counting style corresponds to year 2009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

JANUARY 2008 BCE (-2007) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 34 44	25♐16'33	25♋49	5♐44	8♒34	4♎14	20°R 1	3♓57	1♈ 7	16°R33	16°R37	19°R41	18♏18	13♑47	n.a.	T 1
W 2	5 38 41	26°17'04	10♌47	7°14	9°42	4°49	19♉56	4° 1	1° 7	16♌32	16♊35	19♏36	18°15	13°54	n.a.	W 2
T 3	5 42 37	27°17'33	25°24	8°44	10°51	5°24	19°50	4° 6	1° 7	16°32	16°34	19°31	18°12	14° 0	n.a.	T 3
F 4	5 46 34	28°18'01	9♍35	10°16	11°59	5°59	19°45	4°10	1° 8	16°31	16°33	19°28	18° 9	14° 7	n.a.	F 4
S 5	5 50 30	29°18'27	23°20	11°48	13° 7	6°34	19°41	4°15	1° 8	16°30	16°31	19°26	18° 6	14°14	n.a.	S 5
S 6	5 54 27	0♑18'51	6♎39	13°22	14°15	7° 9	19°36	4°20	1° 9	16°29	16°30	19°D26	18° 3	14°20	n.a.	S 6
M 7	5 58 24	1°19'14	19°35	14°56	15°23	7°43	19°32	4°25	1°10	16°28	16°28	19°27	17°59	14°27	n.a.	M 7
T 8	6 2 20	2°19'35	2♏11	16°31	16°30	8°18	19°27	4°30	1°10	16°27	16°27	19°29	17°56	14°34	n.a.	T 8
W 9	6 6 17	3°19'54	14°32	18° 8	17°37	8°53	19°23	4°35	1°11	16°25	16°26	19°R30	17°53	14°41	n.a.	W 9
T 10	6 10 13	4°20'12	26°42	19°45	18°44	9°27	19°19	4°40	1°12	16°24	16°24	19°30	17°50	14°47	n.a.	T 10
F 11	6 14 10	5°20'28	8♐43	21°23	19°51	10° 1	19°15	4°45	1°13	16°23	16°23	19°28	17°47	14°54	n.a.	F 11
S 12	6 18 6	6°20'42	20°38	23° 3	20°58	10°36	19°12	4°50	1°13	16°22	16°22	19°23	17°44	15° 1	n.a.	S 12
S 13	6 22 3	7°20'54	2♑31	24°43	22° 4	11°10	19° 8	4°56	1°14	16°21	16°20	19°17	17°40	15° 7	n.a.	S 13
M14	6 25 59	8°21'05	14°21	26°24	23°10	11°44	19° 5	5° 1	1°15	16°20	16°19	19° 8	17°37	15°14	n.a.	M14
T 15	6 29 56	9°21'13	26°12	28° 7	24°16	12°18	19° 2	5° 7	1°16	16°19	16°18	18°58	17°34	15°21	n.a.	T 15
W16	6 33 53	10°21'19	8♒ 5	29°50	25°22	12°52	18°59	5°12	1°17	16°17	16°17	18°48	17°31	15°27	n.a.	W16
T 17	6 37 49	11°21'22	20° 1	1♑34	26°27	13°26	18°57	5°18	1°19	16°16	16°15	18°38	17°28	15°34	n.a.	T 17
F 18	6 41 46	12°21'24	2♓ 3	3°20	27°33	14° 0	18°54	5°24	1°20	16°15	16°14	18°29	17°24	15°41	n.a.	F 18
S 19	6 45 42	13°21'23	14°14	5° 7	28°37	14°33	18°52	5°29	1°21	16°13	16°13	18°23	17°21	15°48	n.a.	S 19
S 20	6 49 39	14°21'19	26°36	6°54	29°42	15° 7	18°50	5°35	1°22	16°12	16°12	18°19	17°18	15°54	n.a.	S 20
M21	6 53 35	15°21'14	9♈14	8°43	0♓46	15°40	18°48	5°41	1°24	16°11	16°10	18°17	17°15	16° 1	n.a.	M21
T 22	6 57 32	16°21'06	22°12	10°33	1°50	16°14	18°47	5°47	1°25	16° 9	16° 9	18°D17	17°12	16° 8	n.a.	T 22
W23	7 1 28	17°20'55	5♉34	12°24	2°54	16°47	18°45	5°53	1°26	16° 8	16° 8	18°18	17° 9	16°14	n.a.	W23
T 24	7 5 25	18°20'42	19°22	14°16	3°57	17°20	18°44	5°59	1°28	16° 7	16° 7	18°R18	17° 5	16°21	n.a.	T 24
F 25	7 9 22	19°20'27	3♊38	16° 9	5° 0	17°53	18°43	6° 6	1°29	16° 5	16° 6	18°17	17° 2	16°28	n.a.	F 25
S 26	7 13 18	20°20'09	18°21	18° 3	6° 3	18°26	18°42	6°12	1°31	16° 4	16° 5	18°14	16°59	16°34	n.a.	S 26
S 27	7 17 15	21°19'49	3♋25	19°59	7° 5	18°59	18°41	6°18	1°33	16° 2	16° 4	18° 8	16°56	16°41	n.a.	S 27
M28	7 21 11	22°19'27	18°43	21°55	8° 7	19°31	18°41	6°25	1°34	16° 1	16° 2	18° 0	16°53	16°48	n.a.	M28
T 29	7 25 8	23°19'02	4♌ 3	23°52	9° 9	20° 4	18°40	6°31	1°36	15°59	16° 1	17°51	16°50	16°55	n.a.	T 29
W30	7 29 4	24°18'36	19°14	25°50	10°10	20°36	18°D40	6°37	1°38	15°58	16° 0	17°41	16°46	17° 1	n.a.	W30
T 31	7 33 1	25♑18'07	4♍ 6	27♑49	11♓10	21♎ 9	18♉40	6♓44	1♈40	15♌56	15♊59	17♏32	16♏43	17♑ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s50	16n45	4 s45	22 s32	0 s51	19 s24	0 s57	0 s 9	1n42	17n59	0 s 7	12 s35	2 s30	0 s 7	0 s37	17n42	1n35	29n27	6n15	18 s 1	17 s38	18 s58			n.a.
W 2	23 52	12 57	5 8	22 54	0 58	19 2	0 54	0 24	1 42	17 58	0 7	12 33	2 30	0 7	0 37	17 43	1 36	29 27	6 15	17 59	17 37	18 57			n.a.
T 3	23 54	8 28	5 10	23 15	1 4	18 40	0 50	0 38	1 42	17 56	0 7	12 31	2 29	0 7	0 37	17 43	1 36	29 27	6 16	17 58	17 36	18 56			n.a.
F 4	23 55	3 38	4 52	23 35	1 10	18 17	0 46	0 52	1 42	17 55	0 7	12 29	2 29	0 6	0 37	17 43	1 36	29 27	6 16	17 57	17 35	18 55			n.a.
S 5	23 55	1 s15	4 19	23 54	1 15	17 54	0 42	1 6	1 42	17 54	0 7	12 27	2 29	0 6	0 37	17 44	1 36	29 27	6 16	17 57	17 34	18 54			n.a.
S 6	23 55	5 55	3 32	24 12	1 20	17 30	0 38	1 20	1 42	17 53	0 7	12 25	2 29	0 6	0 37	17 44	1 36	29 27	6 16	17 57	17 33	18 52			n.a.
M 7	23 55	10 12	2 35	24 28	1 26	17 6	0 34	1 34	1 42	17 52	0 6	12 23	2 28	0 6	0 37	17 44	1 36	29 27	6 16	17 57	17 32	18 51			n.a.
T 8	23 54	13 55	1 33	24 43	1 30	16 41	0 30	1 48	1 42	17 51	0 6	12 21	2 28	0 5	0 37	17 45	1 36	29 27	6 16	17 57	17 31	18 50			n.a.
W 9	23 53	16 57	0 27	24 57	1 35	16 16	0 26	2 2	1 42	17 50	0 6	12 19	2 28	0 5	0 37	17 45	1 36	29 27	6 16	17 58	17 30	18 49			n.a.
T 10	23 51	19 11	0n39	25 10	1 39	15 51	0 22	2 16	1 42	17 49	0 6	12 17	2 28	0 5	0 37	17 46	1 36	29 26	6 16	17 58	17 29	18 48			n.a.
F 11	23 49	20 31	1 42	25 21	1 43	15 26	0 17	2 30	1 42	17 48	0 6	12 15	2 28	0 4	0 37	17 46	1 36	29 26	6 16	17 57	17 29	18 46			n.a.
S 12	23 46	20 55	2 40	25 30	1 46	15 0	0 13	2 44	1 41	17 47	0 6	12 12	2 27	0 4	0 37	17 46	1 36	29 26	6 16	17 56	17 28	18 45			n.a.
S 13	23 43	20 23	3 31	25 38	1 49	14 34	0 8	2 57	1 41	17 46	0 5	12 10	2 27	0 3	0 37	17 47	1 36	29 26	6 16	17 54	17 27	18 44			n.a.
M14	23 39	18 57	4 12	25 44	1 52	14 7	0 4	3 11	1 41	17 46	0 5	12 8	2 27	0 3	0 37	17 47	1 36	29 26	6 16	17 52	17 26	18 43			n.a.
T 15	23 35	16 43	4 42	25 49	1 54	13 41	0n 1	3 25	1 41	17 45	0 5	12 6	2 27	0 3	0 37	17 48	1 36	29 26	6 16	17 49	17 25	18 42			n.a.
W16	23 31	13 47	5 1	25 52	1 56	13 14	0 6	3 38	1 41	17 44	0 5	12 3	2 27	0 2	0 37	17 48	1 36	29 26	6 16	17 46	17 24	18 40			n.a.
T 17	23 26	10 16	5 6	25 53	1 58	12 47	0 11	3 52	1 41	17 44	0 5	12 1	2 26	0 2	0 37	17 48	1 36	29 26	6 16	17 43	17 23	18 39			n.a.
F 18	23 20	6 20	4 57	25 52	1 59	12 19	0 16	4 5	1 40	17 43	0 5	11 59	2 26	0 1	0 37	17 49	1 36	29 25	6 16	17 41	17 22	18 38			n.a.
S 19	23 14	2 6	4 36	25 49	2 0	11 52	0 21	4 19	1 40	17 43	0 4	11 56	2 26	0 1	0 37	17 49	1 36	29 25	6 16	17 39	17 21	18 37			n.a.
S 20	23 8	2n17	4 1	25 44	2 0	11 24	0 26	4 32	1 40	17 42	0 4	11 54	2 26	0 0	0 37	17 50	1 36	29 25	6 16	17 38	17 20	18 35			n.a.
M21	23 1	6 41	3 13	25 38	2 0	10 56	0 31	4 46	1 40	17 42	0 4	11 52	2 26	0n 1	0 36	17 50	1 36	29 25	6 16	17 37	17 19	18 34			n.a.
T 22	22 54	10 54	2 15	25 29	1 59	10 28	0 36	4 59	1 40	17 42	0 4	11 49	2 25	0 1	0 36	17 51	1 36	29 25	6 16	17 37	17 19	18 33			n.a.
W23	22 46	14 42	1 8	25 18	1 58	10 0	0 42	5 12	1 39	17 41	0 4	11 47	2 25	0 2	0 36	17 51	1 37	29 25	6 16	17 37	17 18	18 32			n.a.
T 24	22 38	17 50	0 s 6	25 4	1 57	9 32	0 47	5 25	1 39	17 41	0 4	11 44	2 25	0 2	0 36	17 52	1 37	29 25	6 16	17 38	17 17	18 30			n.a.
F 25	22 30	19 59	1 21	24 49	1 54	9 3	0 53	5 38	1 39	17 41	0 4	11 42	2 25	0 3	0 36	17 52	1 37	29 24	6 16	17 37	17 16	18 29			n.a.
S 26	22 21	20 52	2 33	24 31	1 52	8 35	0 58	5 51	1 38	17 41	0 3	11 39	2 25	0 4	0 36	17 53	1 37	29 24	6 16	17 36	17 15	18 28			n.a.
S 27	22 12	20 16	3 36	24 11	1 48	8 6	1 4	6 4	1 38	17 41	0 3	11 37	2 25	0 4	0 36	17 53	1 37	29 24	6 16	17 35	17 14	18 27			n.a.
M28	22 2	18 13	4 25	23 49	1 44	7 37	1 10	6 17	1 38	17 41	0 3	11 34	2 24	0 5	0 36	17 53	1 37	29 24	6 16	17 32	17 13	18 25			n.a.
T 29	21 52	14 52	4 54	23 24	1 40	7 9	1 15	6 30	1 37	17 41	0 3	11 31	2 24	0 6	0 36	17 54	1 37	29 24	6 16	17 30	17 12	18 24			n.a.
W30	21 41	10 34	5 3	22 57	1 35	6 40	1 21	6 43	1 37	17 41	0 3	11 29	2 24	0 7	0 36	17 54	1 37	29 24	6 16	17 27	17 11	18 23			n.a.
T 31	21 s30	5n42	4 s51	22 s28	1 s29	6 s11	1n27	6 s55	1n37	17n41	0 s 3	11 s26	2 s24	0n 7	0 s36	17n55	1n37	29n23	6n16	17 s24	17 s10	18 s22			n.a.

Julian Day Number = 988001.5, Delta T = 13h05m53s
Ecliptic obliquity = 23°55'24, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'24, Lahiri = -31°38'23 Julian Calendar 1 Jan. 2008 BCE == Greg. Calendar 15 Dec. 2009 BCE

The year -2007 astronomical counting style corresponds to year 2008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

FEBRUARY 2008 BCE (-2007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 36 57	26♉17'36	18♍31	29♉49	12♓11	21♎41	18♉41	6♓51	1♈41	15°R55	15°R58	17°R25	16♏40	17♉15	n.a.	F 1
S 2	7 40 54	27°17'03	2♎27	1♒49	13°11	22°13	18°41	6°57	1°43	15♌53	15♊57	17♏20	16°37	17°21	n.a.	S 2
S 3	7 44 50	28°16'28	15°53	3°49	14°10	22°45	18°42	7° 4	1°45	15°52	15°56	17°17	16°34	17°28	n.a.	S 3
M 4	7 48 47	29°15'51	28°51	5°50	15° 9	23°17	18°43	7°11	1°47	15°50	15°55	17°D17	16°30	17°35	n.a.	M 4
T 5	7 52 44	0♒15'12	11♏27	7°50	16° 8	23°48	18°44	7°18	1°49	15°49	15°54	17°R17	16°27	17°42	n.a.	T 5
W 6	7 56 40	1°14'32	23°44	9°50	17° 6	24°20	18°45	7°24	1°51	15°47	15°53	17°17	16°24	17°48	n.a.	W 6
T 7	8 0 37	2°13'49	5♐47	11°50	18° 3	24°51	18°46	7°31	1°53	15°46	15°53	17°15	16°21	17°55	n.a.	T 7
F 8	8 4 33	3°13'05	17°43	13°48	19° 1	25°22	18°48	7°38	1°55	15°44	15°52	17°12	16°18	18° 2	n.a.	F 8
S 9	8 8 30	4°12'18	29°33	15°45	19°57	25°53	18°50	7°45	1°58	15°42	15°51	17° 5	16°15	18° 8	n.a.	S 9
S 10	8 12 26	5°11'29	11♑22	17°40	20°53	26°24	18°52	7°52	2° 0	15°41	15°50	16°55	16°11	18°15	n.a.	S 10
M11	8 16 23	6°10'39	23°13	19°34	21°49	26°55	18°54	7°59	2° 2	15°39	15°49	16°43	16° 8	18°22	n.a.	M11
T 12	8 20 19	7° 9'46	5♒ 6	21°24	22°44	27°25	18°56	8° 7	2° 4	15°38	15°48	16°30	16° 5	18°28	n.a.	T 12
W13	8 24 16	8° 8'50	17° 4	23°12	23°38	27°55	18°59	8°14	2° 7	15°36	15°48	16°15	16° 2	18°35	n.a.	W13
T 14	8 28 12	9° 7'53	29° 8	24°57	24°32	28°26	19° 2	8°21	2° 9	15°34	15°47	16° 2	15°59	18°42	n.a.	T 14
F 15	8 32 9	10° 6'53	11♓19	26°37	25°25	28°56	19° 5	8°28	2°12	15°33	15°46	15°50	15°56	18°49	n.a.	F 15
S 16	8 36 6	11° 5'51	23°37	28°14	26°17	29°25	19° 8	8°35	2°14	15°31	15°45	15°40	15°52	18°55	n.a.	S 16
S 17	8 40 2	12° 4'46	6♈ 7	29°46	27° 9	29°55	19°11	8°43	2°16	15°29	15°45	15°33	15°49	19° 2	n.a.	S 17
M18	8 43 59	13° 3'39	18°49	1♓14	28° 0	0♏24	19°14	8°50	2°19	15°28	15°44	15°30	15°46	19° 9	n.a.	M18
T 19	8 47 55	14° 2'30	1♉47	2°36	28°50	0°53	19°18	8°57	2°22	15°26	15°43	15°28	15°43	19°15	n.a.	T 19
W20	8 51 52	15° 1'18	15° 4	3°53	29°39	1°22	19°22	9° 5	2°24	15°24	15°43	15°28	15°40	19°22	n.a.	W20
T 21	8 55 48	16° 0'04	28°43	5° 4	0♈28	1°51	19°26	9°12	2°27	15°23	15°42	15°28	15°36	19°29	n.a.	T 21
F 22	8 59 45	16°58'47	12♊46	6°10	1°16	2°20	19°30	9°20	2°29	15°21	15°42	15°26	15°33	19°36	n.a.	F 22
S 23	9 3 41	17°57'28	27°14	7°10	2° 3	2°48	19°34	9°27	2°32	15°20	15°41	15°22	15°30	19°42	n.a.	S 23
S 24	9 7 38	18°56'06	12♋ 2	8° 3	2°49	3°16	19°39	9°35	2°35	15°18	15°41	15°16	15°27	19°49	n.a.	S 24
M25	9 11 34	19°54'43	27° 6	8°51	3°34	3°44	19°43	9°42	2°38	15°16	15°40	15° 7	15°24	19°56	n.a.	M25
T 26	9 15 31	20°53'17	12♌17	9°32	4°18	4°11	19°48	9°50	2°40	15°15	15°40	14°57	15°21	20° 2	n.a.	T 26
W27	9 19 28	21°51'48	27°23	10° 7	5° 1	4°39	19°53	9°58	2°43	15°13	15°39	14°46	15°17	20° 9	n.a.	W27
T 28	9 23 24	22♒50'18	12♍15	10♓35	5♈43	5♏ 6	19♉58	10♓ 5	2♈46	15♌11	15♊39	14♏35	15♏14	20♉16	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s19	0n39	4s20	21s57	1s23	5s42	1n33	7s 8	1n36	17n41	0s 2	11s24	2s24	0n 8	0s36	17n55	1n37	29n23	6n16	17s22	17s 9	18s20		n.a.	F 1
S 2	21 7	4s16	3 35	21 23	1 16	5 13	1 39	7 20	1 36	17 42	0 2	11 21	2 24	0 9	0 36	17 56	1 37	29 23	6 16	17 21	17 8	18 19		n.a.	S 2
S 3	20 55	8 48	2 39	20 47	1 8	4 45	1 45	7 33	1 36	17 42	0 2	11 18	2 23	0 10	0 36	17 56	1 37	29 23	6 15	17 20	17 7	18 18		n.a.	S 3
M 4	20 43	12 47	1 36	20 9	1 0	4 16	1 51	7 45	1 35	17 42	0 2	11 16	2 23	0 11	0 36	17 57	1 37	29 23	6 15	17 20	17 7	18 16		n.a.	M 4
T 5	20 30	16 4	0 31	19 30	0 51	3 47	1 57	7 57	1 35	17 43	0 2	11 13	2 23	0 11	0 36	17 57	1 37	29 23	6 15	17 20	17 6	18 15		n.a.	T 5
W 6	20 17	18 32	0n34	18 48	0 41	3 19	2 3	8 10	1 34	17 43	0 2	11 10	2 23	0 12	0 36	17 58	1 37	29 23	6 15	17 20	17 5	18 14		n.a.	W 6
T 7	20 4	20 7	1 37	18 5	0 31	2 50	2 9	8 22	1 34	17 44	0 2	11 7	2 23	0 13	0 36	17 58	1 37	29 22	6 15	17 20	17 4	18 13		n.a.	T 7
F 8	19 50	20 47	2 34	17 21	0 21	2 22	2 15	8 34	1 33	17 45	0 1	11 5	2 23	0 14	0 36	17 59	1 37	29 22	6 15	17 18	17 3	18 11		n.a.	F 8
S 9	19 36	20 31	3 24	16 35	0 10	1 53	2 22	8 46	1 33	17 45	0 1	11 2	2 23	0 15	0 36	17 59	1 37	29 22	6 15	17 17	17 2	18 10		n.a.	S 9
S 10	19 21	19 21	4 5	15 49	0n 2	1 25	2 28	8 58	1 32	17 46	0 1	10 59	2 23	0 16	0 36	18 0	1 37	29 22	6 15	17 14	17 1	18 9		n.a.	S 10
M11	19 6	17 21	4 35	15 2	0 14	0 57	2 34	9 9	1 31	17 47	0 1	10 56	2 22	0 17	0 36	18 0	1 37	29 22	6 15	17 10	17 0	18 7		n.a.	M11
T 12	18 51	14 37	4 54	14 15	0 26	0 29	2 41	9 21	1 31	17 47	0 1	10 53	2 22	0 18	0 36	18 1	1 37	29 22	6 15	17 6	16 59	18 6		n.a.	T 12
W13	18 36	11 16	5 0	13 27	0 38	0 2	2 47	9 33	1 30	17 48	0 1	10 50	2 22	0 19	0 36	18 1	1 37	29 22	6 15	17 2	16 58	18 5		n.a.	W13
T 14	18 20	7 27	4 52	12 40	0 51	0n26	2 54	9 44	1 30	17 49	0 1	10 48	2 22	0 20	0 36	18 2	1 37	29 21	6 15	16 58	16 57	18 3		n.a.	T 14
F 15	18 4	3 18	4 31	11 54	1 4	0 53	3 0	9 56	1 29	17 50	0 0	10 45	2 22	0 21	0 36	18 3	1 37	29 21	6 15	16 55	16 56	18 2		n.a.	F 15
S 16	17 48	1n 2	3 57	11 8	1 16	1 20	3 6	10 7	1 28	17 51	0 0	10 42	2 22	0 22	0 36	18 3	1 37	29 21	6 15	16 52	16 55	18 1		n.a.	S 16
S 17	17 31	5 24	3 12	10 24	1 29	1 47	3 13	10 18	1 28	17 52	0 0	10 39	2 22	0 23	0 36	18 4	1 37	29 21	6 15	16 50	16 54	17 59		n.a.	S 17
M18	17 14	9 36	2 16	9 41	1 41	2 13	3 19	10 29	1 27	17 53	0 0	10 36	2 22	0 24	0 36	18 4	1 37	29 21	6 15	16 49	16 53	17 58		n.a.	M18
T 19	16 57	13 27	1 12	9 0	1 53	2 40	3 26	10 40	1 26	17 54	0n 0	10 33	2 22	0 25	0 36	18 5	1 37	29 21	6 15	16 48	16 53	17 57		n.a.	T 19
W20	16 39	16 43	0 2	8 21	2 5	3 6	3 32	10 51	1 25	17 56	0 0	10 30	2 21	0 26	0 35	18 5	1 37	29 21	6 14	16 48	16 52	17 55		n.a.	W20
T 21	16 22	19 9	1s 9	7 44	2 16	3 31	3 39	11 2	1 24	17 57	0 0	10 27	2 21	0 27	0 35	18 6	1 37	29 20	6 14	16 48	16 51	17 54		n.a.	T 21
F 22	16 4	20 30	2 19	7 9	2 27	3 56	3 45	11 13	1 24	17 58	0 0	10 24	2 21	0 28	0 35	18 6	1 37	29 20	6 14	16 48	16 50	17 53		n.a.	F 22
S 23	15 45	20 32	3 21	6 38	2 37	4 21	3 51	11 24	1 23	17 59	0 1	10 21	2 21	0 29	0 35	18 7	1 37	29 20	6 14	16 46	16 49	17 51		n.a.	S 23
S 24	15 27	19 11	4 12	6 9	2 47	4 46	3 58	11 34	1 22	18 1	0 1	10 18	2 21	0 30	0 35	18 7	1 37	29 20	6 14	16 45	16 48	17 50		n.a.	S 24
M25	15 8	16 29	4 46	5 43	2 55	5 10	4 4	11 45	1 21	18 2	0 1	10 15	2 21	0 32	0 35	18 8	1 37	29 20	6 14	16 42	16 47	17 49		n.a.	M25
T 26	14 49	12 40	5 0	5 20	3 3	5 34	4 11	11 55	1 20	18 4	0 1	10 12	2 21	0 33	0 35	18 8	1 37	29 20	6 14	16 39	16 46	17 47		n.a.	T 26
W27	14 30	8 2	4 53	5 0	3 10	5 57	4 17	12 5	1 19	18 5	0 1	10 9	2 21	0 34	0 35	18 9	1 37	29 20	6 14	16 35	16 45	17 46		n.a.	W27
T 28	14s11	3n 0	4s27	4s44	3n16	6n20	4n23	12s16	1n18	18n 7	0n 1	10s 6	2s21	0n35	0s35	18n 9	1n37	29n19	6n14	16s32	16s44	17s45		n.a.	T 28

Julian Day Number = 988032.5, Delta T = 13h05m51s
Ecliptic obliquity = 23°55'24, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'19, Lahiri = -31°38'19 Julian Calendar 1 Feb. 2008 BCE == Greg. Calendar 15 Jan. 2008 BCE

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

MARCH 2008 BCE (-2007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 27 21	23♒48'45	26♍45	10♓57	6♈24	5♏33	20♉ 4	10♓13	2♈49	15°R10	15°R38	14°R27	15♏11	20♑23	n.a.	F 1
S 2	9 31 17	24°47'11	10♎46	11°12	7° 4	6° 0	20° 9	10°21	2°52	15♌ 8	15♊38	14♏21	15° 8	20°29	n.a.	S 2
S 3	9 35 14	25°45'35	24°19	11°22	7°42	6°26	20°15	10°28	2°55	15° 7	15°38	14°17	15° 5	20°36	n.a.	S 3
M 4	9 39 10	26°43'57	7♏23	11°R25	8°20	6°52	20°20	10°36	2°58	15° 5	15°37	14°16	15° 1	20°43	n.a.	M 4
T 5	9 43 7	27°42'17	20° 3	11°22	8°56	7°18	20°26	10°44	3° 1	15° 3	15°37	14°D16	14°58	20°49	n.a.	T 5
W 6	9 47 3	28°40'36	2♐22	11°13	9°31	7°43	20°32	10°52	3° 4	15° 2	15°37	14°R16	14°55	20°56	n.a.	W 6
T 7	9 51 0	29°38'53	14°27	10°59	10° 5	8° 9	20°39	10°59	3° 7	15° 0	15°37	14°15	14°52	21° 3	n.a.	T 7
F 8	9 54 56	0♓37'08	26°22	10°40	10°37	8°34	20°45	11° 7	3°10	14°59	15°36	14°12	14°49	21°10	n.a.	F 8
S 9	9 58 53	1°35'22	8♑12	10°16	11° 8	8°58	20°51	11°15	3°13	14°57	15°36	14° 7	14°46	21°16	n.a.	S 9
S 10	10 2 50	2°33'34	20° 2	9°49	11°37	9°22	20°58	11°23	3°16	14°55	15°36	13°59	14°42	21°23	n.a.	S 10
M11	10 6 46	3°31'44	1♒55	9°17	12° 4	9°46	21° 5	11°31	3°19	14°54	15°36	13°48	14°39	21°30	n.a.	M11
T 12	10 10 43	4°29'52	13°53	8°42	12°31	10°10	21°12	11°38	3°22	14°52	15°36	13°36	14°36	21°36	n.a.	T 12
W13	10 14 39	5°27'58	25°58	8° 6	12°55	10°33	21°19	11°46	3°25	14°51	15°36	13°24	14°33	21°43	n.a.	W13
T 14	10 18 36	6°26'03	8♓12	7°27	13°18	10°56	21°26	11°54	3°29	14°49	15°36	13°12	14°30	21°50	n.a.	T 14
F 15	10 22 32	7°24'06	20°36	6°48	13°38	11°19	21°33	12° 2	3°32	14°48	15°D36	13° 1	14°27	21°57	n.a.	F 15
S 16	10 26 29	8°22'07	3♈ 9	6° 8	13°57	11°41	21°41	12°10	3°35	14°46	15°36	12°53	14°23	22° 3	n.a.	S 16
S 17	10 30 25	9°20'06	15°53	5°29	14°15	12° 3	21°49	12°18	3°38	14°45	15°36	12°47	14°20	22°10	n.a.	S 17
M18	10 34 22	10°18'03	28°49	4°51	14°30	12°24	21°56	12°26	3°42	14°43	15°36	12°44	14°17	22°17	n.a.	M18
T 19	10 38 18	11°15'58	11♉57	4°14	14°43	12°45	22° 4	12°33	3°45	14°42	15°36	12°D43	14°14	22°23	n.a.	T 19
W20	10 42 15	12°13'51	25°20	3°41	14°54	13° 6	22°12	12°41	3°48	14°41	15°36	12°44	14°11	22°30	n.a.	W20
T 21	10 46 12	13°11'42	9♊ 0	3°10	15° 3	13°26	22°20	12°49	3°51	14°39	15°36	12°R44	14° 7	22°37	n.a.	T 21
F 22	10 50 8	14° 9'31	22°57	2°42	15° 9	13°45	22°28	12°57	3°55	14°38	15°36	12°44	14° 4	22°44	n.a.	F 22
S 23	10 54 5	15° 7'19	7♋11	2°18	15°13	14° 5	22°37	13° 5	3°58	14°36	15°37	12°42	14° 1	22°50	n.a.	S 23
S 24	10 58 1	16° 5'04	21°41	1°58	15°R15	14°24	22°45	13°13	4° 1	14°35	15°37	12°38	13°58	22°57	n.a.	S 24
M25	11 1 58	17° 2'47	6♌23	1°42	15°15	14°42	22°54	13°21	4° 5	14°34	15°37	12°32	13°55	23° 4	n.a.	M25
T 26	11 5 54	18° 0'29	21°11	1°31	15°12	15° 0	23° 3	13°29	4° 8	14°32	15°37	12°24	13°52	23°10	n.a.	T 26
W27	11 9 51	18°58'09	5♍57	1°25	15° 7	15°17	23°11	13°36	4°12	14°31	15°38	12°16	13°48	23°17	n.a.	W27
T 28	11 13 47	19°55'47	20°33	1°D23	14°59	15°34	23°20	13°44	4°15	14°30	15°38	12° 8	13°45	23°24	n.a.	T 28
F 29	11 17 44	20°53'24	4♎52	1°25	14°49	15°51	23°29	13°52	4°18	14°29	15°38	12° 2	13°42	23°31	n.a.	F 29
S 30	11 21 40	21°50'59	18°48	1°33	14°37	16° 7	23°38	14° 0	4°22	14°27	15°39	11°57	13°39	23°37	n.a.	S 30
S 31	11 25 37	22♓48'33	2♏19	1♓45	14♈22	16♏23	23♉48	14♓ 8	4♈25	14♌26	15♊39	11♏55	13♏36	23♑44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s51	2s 5	3s43	4s31	3n20	6n42	4n30	12s26	1n17	18n 8	0n 1	10s 3	2s21	0n36	0s35	18n10	1n37	29n19	6n14	16s30	16s43	17s43		n.a.
S 2	13 31	6 54	2 47	4 22	3 24	7 4	4 36	12 36	1 16	18 10	0 2	10 0	2 21	0 37	0 35	18 10	1 37	29 19	6 14	16 28	16 42	17 42		n.a.
S 3	13 11	11 13	1 44	4 17	3 26	7 25	4 42	12 46	1 15	18 11	0 2	9 57	2 21	0 39	0 35	18 11	1 37	29 19	6 14	16 27	16 41	17 41		n.a.
M 4	12 51	14 50	0 36	4 14	3 27	7 46	4 48	12 55	1 14	18 13	0 2	9 54	2 21	0 40	0 35	18 11	1 37	29 19	6 13	16 26	16 40	17 39		n.a.
T 5	12 31	17 37	0n31	4 16	3 27	8 6	4 54	13 5	1 13	18 15	0 2	9 51	2 21	0 41	0 35	18 12	1 37	29 19	6 13	16 26	16 39	17 38		n.a.
W 6	12 10	19 31	1 34	4 21	3 25	8 25	5 0	13 15	1 11	18 17	0 2	9 48	2 21	0 42	0 35	18 12	1 37	29 19	6 13	16 26	16 38	17 37		n.a.
T 7	11 49	20 28	2 33	4 29	3 22	8 44	5 6	13 24	1 10	18 18	0 2	9 45	2 20	0 44	0 35	18 12	1 37	29 19	6 13	16 26	16 37	17 35		n.a.
F 8	11 29	20 29	3 24	4 41	3 17	9 2	5 11	13 33	1 9	18 20	0 2	9 42	2 20	0 45	0 35	18 13	1 37	29 18	6 13	16 25	16 36	17 34		n.a.
S 9	11 7	19 35	4 5	4 56	3 11	9 20	5 17	13 43	1 8	18 22	0 2	9 39	2 20	0 46	0 35	18 13	1 37	29 18	6 13	16 24	16 35	17 32		n.a.
S 10	10 46	17 51	4 36	5 13	3 3	9 36	5 22	13 52	1 6	18 24	0 3	9 36	2 20	0 47	0 35	18 14	1 37	29 18	6 13	16 21	16 35	17 31		n.a.
M11	10 25	15 20	4 55	5 34	2 54	9 52	5 28	14 1	1 5	18 26	0 3	9 33	2 20	0 49	0 35	18 14	1 37	29 18	6 13	16 18	16 34	17 30		n.a.
T 12	10 3	12 11	5 2	5 56	2 44	10 8	5 33	14 10	1 3	18 28	0 3	9 30	2 20	0 50	0 35	18 15	1 37	29 18	6 13	16 15	16 33	17 28		n.a.
W13	9 42	8 30	4 55	6 21	2 32	10 22	5 38	14 18	1 2	18 30	0 3	9 26	2 20	0 51	0 35	18 15	1 37	29 18	6 13	16 11	16 32	17 27		n.a.
T 14	9 20	4 26	4 34	6 47	2 20	10 35	5 43	14 27	1 0	18 32	0 3	9 23	2 20	0 53	0 35	18 16	1 37	29 18	6 13	16 7	16 31	17 25		n.a.
F 15	8 58	0 8	4 0	7 15	2 6	10 48	5 48	14 36	0 59	18 34	0 3	9 20	2 20	0 54	0 35	18 16	1 37	29 18	6 12	16 4	16 30	17 24		n.a.
S 16	8 36	4n14	3 14	7 43	1 51	11 0	5 52	14 44	0 57	18 36	0 3	9 17	2 20	0 55	0 35	18 17	1 37	29 18	6 12	16 1	16 29	17 23		n.a.
S 17	8 14	8 29	2 18	8 12	1 36	11 10	5 56	14 53	0 56	18 38	0 3	9 14	2 20	0 57	0 35	18 17	1 37	29 18	6 12	15 59	16 28	17 21		n.a.
M18	7 51	12 25	1 14	8 41	1 20	11 20	6 0	15 1	0 54	18 40	0 3	9 11	2 20	0 58	0 35	18 17	1 37	29 17	6 12	15 58	16 27	17 20		n.a.
T 19	7 29	15 48	0 4	9 10	1 4	11 29	6 4	15 9	0 52	18 43	0 4	9 8	2 20	0 59	0 35	18 18	1 37	29 17	6 12	15 58	16 26	17 18		n.a.
W20	7 7	18 24	1s 7	9 37	0 48	11 36	6 7	15 17	0 51	18 45	0 4	9 5	2 20	1 1	0 35	18 18	1 37	29 17	6 12	15 58	16 25	17 17		n.a.
T 21	6 44	20 1	2 16	10 4	0 31	11 43	6 10	15 25	0 49	18 47	0 4	9 2	2 20	1 2	0 35	18 19	1 37	29 17	6 12	15 58	16 24	17 16		n.a.
F 22	6 21	20 26	3 18	10 30	0 15	11 48	6 13	15 33	0 47	18 49	0 4	8 59	2 20	1 3	0 35	18 19	1 37	29 17	6 12	15 58	16 23	17 14		n.a.
S 23	5 59	19 35	4 9	10 53	0s 2	11 52	6 16	15 40	0 45	18 52	0 4	8 56	2 20	1 5	0 35	18 19	1 37	29 17	6 12	15 58	16 22	17 13		n.a.
S 24	5 36	17 26	4 46	11 15	0 17	11 54	6 18	15 48	0 43	18 54	0 4	8 53	2 20	1 6	0 35	18 20	1 37	29 17	6 12	15 56	16 21	17 11		n.a.
M25	5 13	14 9	5 4	11 35	0 33	11 56	6 19	15 55	0 41	18 56	0 4	8 50	2 20	1 7	0 35	18 20	1 37	29 17	6 12	15 54	16 20	17 10		n.a.
T 26	4 50	9 58	5 2	11 53	0 48	11 56	6 21	16 3	0 39	18 59	0 4	8 46	2 20	1 9	0 35	18 21	1 37	29 17	6 11	15 52	16 19	17 9		n.a.
W27	4 27	5 11	4 40	12 9	1 2	11 54	6 21	16 10	0 37	19 1	0 4	8 43	2 20	1 10	0 35	18 21	1 37	29 17	6 11	15 50	16 18	17 7		n.a.
T 28	4 4	0 9	4 0	12 22	1 15	11 52	6 22	16 17	0 35	19 3	0 5	8 40	2 20	1 12	0 35	18 21	1 37	29 17	6 11	15 47	16 17	17 6		n.a.
F 29	3 41	4s48	3 6	12 33	1 28	11 47	6 21	16 24	0 32	19 6	0 5	8 37	2 20	1 13	0 35	18 22	1 37	29 17	6 11	15 45	16 16	17 4		n.a.
S 30	3 18	9 22	2 1	12 42	1 40	11 42	6 21	16 31	0 30	19 8	0 5	8 34	2 20	1 14	0 35	18 22	1 37	29 17	6 11	15 44	16 15	17 3		n.a.
S 31	2s55	13s19	0s52	12s48	1s52	11n35	6n19	16s38	0n28	19n11	0n 5	8s31	2s20	1n16	0s35	18n22	1n37	29n17	6n11	15s43	16s14	17s 1		n.a.

Julian Day Number = 988060.5, Delta T = 13h05m49s
Ecliptic obliquity = 23°55'24, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'16, Lahiri = -31°38'15 Julian Calendar 1 March 2008 BCE == Greg. Calendar 12 Feb. 2008 BCE

The year -2007 astronomical counting style corresponds to year 2008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

APRIL 2008 BCE (-2007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 29 34	23♓46'06	15♏24	2♓ 1	14°R 5	16♏37	23♉57	14♓16	4♈29	14°R25	15♊39	11°D55	13♏33	23♑51	n.a.	M 1
T 2	11 33 30	24°43'37	28° 7	2°22	13♈45	16°52	24° 7	14°23	4°32	14♌24	15°40	11♏55	13°29	23°57	n.a.	T 2
W 3	11 37 27	25°41'08	10♐30	2°48	13°23	17° 6	24°16	14°31	4°36	14°23	15°40	11°57	13°26	24° 4	n.a.	W 3
T 4	11 41 23	26°38'38	22°38	3°17	12°59	17°19	24°26	14°39	4°39	14°21	15°41	11°R58	13°23	24°11	n.a.	T 4
F 5	11 45 20	27°36'06	4♑35	3°51	12°33	17°32	24°36	14°47	4°43	14°20	15°41	11°58	13°20	24°18	n.a.	F 5
S 6	11 49 16	28°33'33	16°28	4°28	12° 5	17°44	24°45	14°54	4°46	14°19	15°42	11°56	13°17	24°24	n.a.	S 6
S 7	11 53 13	29°31'00	28°20	5°10	11°35	17°55	24°55	15° 2	4°50	14°18	15°43	11°52	13°13	24°31	n.a.	S 7
M 8	11 57 9	0♈28'25	10♒15	5°55	11° 3	18° 6	25° 5	15°10	4°53	14°17	15°43	11°47	13°10	24°38	n.a.	M 8
T 9	12 1 6	1°25'50	22°18	6°44	10°30	18°17	25°16	15°18	4°57	14°16	15°44	11°41	13° 7	24°44	n.a.	T 9
W10	12 5 3	2°23'13	4♓31	7°36	9°56	18°26	25°26	15°25	5° 0	14°15	15°45	11°34	13° 4	24°51	n.a.	W10
T 11	12 8 59	3°20'35	16°56	8°32	9°20	18°35	25°36	15°33	5° 4	14°14	15°45	11°27	13° 1	24°58	n.a.	T 11
F 12	12 12 56	4°17'57	29°34	9°31	8°44	18°43	25°47	15°41	5° 7	14°13	15°46	11°21	12°58	25° 5	n.a.	F 12
S 13	12 16 52	5°15'17	12♈25	10°33	8° 6	18°51	25°57	15°48	5°11	14°12	15°47	11°16	12°54	25°11	n.a.	S 13
S 14	12 20 49	6°12'36	25°29	11°39	7°29	18°58	26° 8	15°56	5°14	14°12	15°47	11°14	12°51	25°18	n.a.	S 14
M15	12 24 45	7° 9'54	8♉46	12°47	6°51	19° 4	26°18	16° 3	5°18	14°11	15°48	11°D13	12°48	25°25	n.a.	M15
T 16	12 28 42	8° 7'11	22°14	13°59	6°13	19°10	26°29	16°11	5°21	14°10	15°49	11°13	12°45	25°31	n.a.	T 16
W17	12 32 38	9° 4'27	5♊54	15°13	5°36	19°14	26°40	16°18	5°25	14° 9	15°50	11°14	12°42	25°38	n.a.	W17
T 18	12 36 35	10° 1'42	19°46	16°30	4°59	19°19	26°51	16°26	5°28	14° 8	15°51	11°16	12°38	25°45	n.a.	T 18
F 19	12 40 32	10°58'55	3♋47	17°50	4°22	19°22	27° 2	16°33	5°32	14° 8	15°52	11°17	12°35	25°52	n.a.	F 19
S 20	12 44 28	11°56'08	17°57	19°13	3°47	19°25	27°13	16°41	5°35	14° 7	15°53	11°R17	12°32	25°58	n.a.	S 20
S 21	12 48 25	12°53'19	2♌15	20°39	3°13	19°27	27°24	16°48	5°39	14° 6	15°54	11°16	12°29	26° 5	n.a.	S 21
M22	12 52 21	13°50'29	16°37	22° 7	2°40	19°28	27°35	16°55	5°42	14° 5	15°55	11°13	12°26	26°12	n.a.	M22
T 23	12 56 18	14°47'38	1♍ 0	23°39	2° 9	19°R28	27°46	17° 3	5°45	14° 5	15°55	11°10	12°23	26°18	n.a.	T 23
W24	13 0 14	15°44'47	15°18	25°12	1°39	19°28	27°58	17°10	5°49	14° 4	15°56	11° 6	12°19	26°25	n.a.	W24
T 25	13 4 11	16°41'54	29°28	26°49	1°11	19°27	28° 9	17°17	5°52	14° 4	15°58	11° 3	12°16	26°32	n.a.	T 25
F 26	13 8 7	17°39'00	13♎24	28°28	0°46	19°25	28°21	17°24	5°56	14° 3	15°59	11° 0	12°13	26°39	n.a.	F 26
S 27	13 12 4	18°36'06	27° 2	0♈10	0°22	19°23	28°32	17°32	5°59	14° 3	16° 0	10°59	12°10	26°45	n.a.	S 27
S 28	13 16 1	19°33'12	10♏22	1°55	0° 1	19°20	28°44	17°39	6° 3	14° 2	16° 1	10°D58	12° 7	26°52	n.a.	S 28
M29	13 19 57	20°30'17	23°21	3°42	29♓42	19°16	28°56	17°46	6° 6	14° 2	16° 2	10°59	12° 4	26°59	n.a.	M29
T 30	13 23 54	21♈27'21	6♐ 1	5♈31	29♓25	19♏11	29♉ 7	17♓53	6♈10	14♌ 1	16♊ 3	11♏ 0	12♏ 0	27♑ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s31	16s29	0n19	12s51	2s 2	11n26	6n17	16s44	0n25	19n13	0n 5	8s28	2s21	1n17	0s35	18n23	1n37	29n17	6n11	15s43	16s13	17s 0		n.a.
T 2	2 8	18 44	1 26	12 53	2 11	11 16	6 15	16 51	0 23	19 16	0 5	8 25	2 21	1 19	0 35	18 23	1 37	29 16	6 11	15 43	16 12	16 59		n.a.
W 3	1 45	20 2	2 28	12 51	2 20	11 4	6 12	16 57	0 20	19 18	0 5	8 22	2 21	1 20	0 35	18 23	1 37	29 16	6 11	15 44	16 11	16 57		n.a.
T 4	1 22	20 21	3 22	12 48	2 28	10 51	6 8	17 3	0 18	19 21	0 5	8 19	2 21	1 21	0 35	18 24	1 37	29 16	6 11	15 44	16 10	16 56		n.a.
F 5	0 58	19 44	4 6	12 42	2 35	10 36	6 3	17 10	0 15	19 23	0 5	8 16	2 21	1 23	0 35	18 24	1 37	29 16	6 10	15 44	16 9	16 54		n.a.
S 6	0 35	18 16	4 39	12 33	2 41	10 20	5 58	17 16	0 13	19 26	0 6	8 13	2 21	1 24	0 35	18 24	1 37	29 16	6 10	15 43	16 8	16 53		n.a.
S 7	0 12	16 0	5 1	12 23	2 46	10 3	5 52	17 22	0 10	19 28	0 6	8 10	2 21	1 26	0 35	18 25	1 37	29 16	6 10	15 42	16 7	16 51		n.a.
M 8	0n12	13 4	5 9	12 10	2 51	9 44	5 45	17 27	0 7	19 31	0 6	8 7	2 21	1 27	0 35	18 25	1 37	29 16	6 10	15 41	16 6	16 50		n.a.
T 9	0 35	9 34	5 4	11 55	2 55	9 24	5 38	17 33	0 4	19 34	0 6	8 4	2 21	1 29	0 35	18 25	1 37	29 16	6 10	15 39	16 5	16 48		n.a.
W10	0 58	5 38	4 45	11 37	2 58	9 2	5 30	17 39	0 1	19 36	0 6	8 1	2 21	1 30	0 35	18 25	1 37	29 16	6 10	15 36	16 5	16 47		n.a.
T 11	1 21	1 24	4 12	11 18	3 0	8 40	5 21	17 44	0s 2	19 39	0 6	7 58	2 21	1 31	0 35	18 26	1 37	29 16	6 10	15 34	16 4	16 45		n.a.
F 12	1 45	2n59	3 27	10 57	3 1	8 17	5 12	17 49	0 5	19 41	0 6	7 55	2 21	1 33	0 35	18 26	1 37	29 16	6 10	15 32	16 3	16 44		n.a.
S 13	2 8	7 18	2 30	10 33	3 2	7 53	5 2	17 54	0 8	19 44	0 6	7 52	2 21	1 34	0 35	18 26	1 37	29 16	6 10	15 31	16 2	16 42		n.a.
S 14	2 31	11 21	1 25	10 7	3 2	7 28	4 51	17 59	0 11	19 47	0 6	7 49	2 21	1 36	0 35	18 26	1 36	29 16	6 10	15 30	16 1	16 41		n.a.
M15	2 54	14 55	0 13	9 40	3 1	7 2	4 40	18 4	0 15	19 49	0 6	7 46	2 21	1 37	0 35	18 27	1 36	29 16	6 10	15 30	16 0	16 40		n.a.
T 16	3 17	17 44	1s 0	9 10	2 59	6 36	4 28	18 9	0 18	19 52	0 7	7 43	2 22	1 38	0 35	18 27	1 36	29 16	6 10	15 30	15 59	16 38		n.a.
W17	3 40	19 35	2 11	8 39	2 57	6 10	4 16	18 14	0 21	19 55	0 7	7 41	2 22	1 40	0 35	18 27	1 36	29 16	6 9	15 30	15 58	16 37		n.a.
T 18	4 3	20 17	3 15	8 6	2 54	5 44	4 3	18 18	0 25	19 57	0 7	7 38	2 22	1 41	0 35	18 27	1 36	29 16	6 9	15 31	15 57	16 35		n.a.
F 19	4 26	19 43	4 9	7 30	2 50	5 17	3 51	18 23	0 28	20 0	0 7	7 35	2 22	1 43	0 35	18 27	1 36	29 16	6 9	15 31	15 56	16 34		n.a.
S 20	4 49	17 56	4 48	6 53	2 46	4 51	3 37	18 27	0 32	20 3	0 7	7 32	2 22	1 44	0 35	18 28	1 36	29 16	6 9	15 31	15 55	16 32		n.a.
S 21	5 11	15 2	5 9	6 14	2 41	4 24	3 24	18 31	0 36	20 5	0 7	7 29	2 22	1 46	0 35	18 28	1 36	29 16	6 9	15 31	15 54	16 31		n.a.
M22	5 34	11 13	5 12	5 34	2 36	3 59	3 10	18 35	0 39	20 8	0 7	7 26	2 22	1 47	0 35	18 28	1 36	29 16	6 9	15 30	15 53	16 29		n.a.
T 23	5 57	6 45	4 55	4 52	2 30	3 33	2 56	18 39	0 43	20 11	0 7	7 23	2 22	1 48	0 35	18 28	1 36	29 16	6 9	15 29	15 52	16 28		n.a.
W24	6 19	1 56	4 19	4 8	2 23	3 9	2 42	18 42	0 47	20 14	0 7	7 21	2 22	1 50	0 35	18 28	1 36	29 17	6 9	15 28	15 51	16 26		n.a.
T 25	6 41	2s58	3 29	3 22	2 16	2 45	2 28	18 46	0 51	20 16	0 7	7 18	2 22	1 51	0 35	18 28	1 36	29 17	6 9	15 27	15 50	16 25		n.a.
F 26	7 4	7 37	2 26	2 35	2 9	2 21	2 14	18 49	0 55	20 19	0 8	7 15	2 23	1 53	0 35	18 28	1 36	29 17	6 9	15 26	15 49	16 23		n.a.
S 27	7 26	11 48	1 16	1 46	2 1	1 59	2 1	18 52	0 59	20 22	0 8	7 12	2 23	1 54	0 35	18 28	1 36	29 17	6 9	15 25	15 48	16 22		n.a.
S 28	7 48	15 17	0 3	0 56	1 52	1 38	1 47	18 55	1 3	20 24	0 8	7 10	2 23	1 55	0 35	18 29	1 36	29 17	6 9	15 25	15 47	16 20		n.a.
M29	8 10	17 54	1n 8	0 4	1 43	1 18	1 33	18 58	1 7	20 27	0 8	7 7	2 23	1 57	0 35	18 29	1 36	29 17	6 9	15 25	15 46	16 19		n.a.
T 30	8n32	19s33	2n14	0n49	1s33	0n59	1n20	19s 1	1s11	20n30	0n 8	7s 4	2s23	1n58	0s35	18n29	1n36	29n17	6n 8	15s26	15s45	16s17		n.a.

Julian Day Number = 988091.5, Delta T = 13h05m47s
Ecliptic obliquity = 23°55'24, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'11, Lahiri = -31°38'11 Julian Calendar 1 Apr. 2008 BCE == Greg. Calendar 15 March 2008 BCE

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

MAY 2008 BCE (-2007) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 27 50	22♈24'26	18♐24	7♈23	29°R11	19°R 6	29♉19	18♓ 0	6♈13	14°R 1	16♊ 4	11♏ 1	11♏57	27♑12	n.a.	W 1
T 2	13 31 47	23°21'30	0♑33	9°18	28♓59	18♏59	29°31	18° 7	6°16	14♎ 1	16° 5	11° 3	11°54	27°19	n.a.	T 2
F 3	13 35 43	24°18'34	12°33	11°15	28°49	18°52	29°43	18°14	6°20	14° 0	16° 6	11° 4	11°51	27°26	n.a.	F 3
S 4	13 39 40	25°15'38	24°27	13°14	28°42	18°45	29°55	18°21	6°23	14° 0	16° 8	11°R 4	11°48	27°32	n.a.	S 4
S 5	13 43 37	26°12'42	6♒20	15°15	28°38	18°36	0♊ 7	18°27	6°26	14° 0	16° 9	11° 4	11°44	27°39	n.a.	S 5
M 6	13 47 33	27° 9'46	18°18	17°19	28°D35	18°27	0°19	18°34	6°30	14° 0	16°10	11° 3	11°41	27°46	n.a.	M 6
T 7	13 51 30	28° 6'49	0♓23	19°24	28°35	18°18	0°31	18°41	6°33	13°59	16°11	11° 1	11°38	27°53	n.a.	T 7
W 8	13 55 26	29° 3'53	12°41	21°30	28°38	18° 7	0°43	18°48	6°36	13°59	16°13	11° 0	11°35	27°59	n.a.	W 8
T 9	13 59 23	0♉ 0'56	25°13	23°38	28°42	17°56	0°55	18°54	6°40	13°59	16°14	10°58	11°32	28° 6	n.a.	T 9
F 10	14 3 19	0°58'00	8♈ 3	25°47	28°49	17°44	1° 8	19° 1	6°43	13°59	16°15	10°57	11°29	28°13	n.a.	F 10
S 11	14 7 16	1°55'04	21°10	27°57	28°58	17°32	1°20	19° 7	6°46	13°59	16°17	10°56	11°25	28°19	n.a.	S 11
S 12	14 11 12	2°52'07	4♉35	0♉ 7	29° 9	17°19	1°32	19°14	6°49	13°59	16°18	10°D56	11°22	28°26	n.a.	S 12
M13	14 15 9	3°49'11	18°15	2°18	29°22	17° 6	1°45	19°20	6°53	13°D59	16°19	10°56	11°19	28°33	n.a.	M13
T 14	14 19 6	4°46'14	2♊10	4°29	29°37	16°52	1°57	19°27	6°56	13°59	16°21	10°56	11°16	28°40	n.a.	T 14
W15	14 23 2	5°43'18	16°16	6°39	29°54	16°38	2°10	19°33	6°59	13°59	16°22	10°56	11°13	28°46	n.a.	W15
T 16	14 26 59	6°40'21	0♋28	8°49	0♈13	16°23	2°22	19°39	7° 2	13°59	16°24	10°57	11° 9	28°53	n.a.	T 16
F 17	14 30 55	7°37'24	14°45	10°58	0°34	16° 8	2°35	19°45	7° 5	13°59	16°25	10°57	11° 6	29° 0	n.a.	F 17
S 18	14 34 52	8°34'27	29° 2	13° 6	0°56	15°52	2°48	19°51	7° 8	13°59	16°27	10°57	11° 3	29° 6	n.a.	S 18
S 19	14 38 48	9°31'29	13♌17	15°13	1°20	15°37	3° 0	19°57	7°12	13°59	16°28	10°R57	11° 0	29°13	n.a.	S 19
M20	14 42 45	10°28'32	27°26	17°19	1°46	15°21	3°13	20° 3	7°15	14° 0	16°30	10°D57	10°57	29°20	n.a.	M20
T 21	14 46 42	11°25'34	11♍29	19°23	2°13	15° 4	3°26	20° 9	7°18	14° 0	16°31	10°57	10°54	29°27	n.a.	T 21
W22	14 50 38	12°22'37	25°22	21°26	2°42	14°48	3°39	20°15	7°21	14° 0	16°33	10°57	10°50	29°33	n.a.	W22
T 23	14 54 35	13°19'39	9♎ 4	23°27	3°12	14°31	3°51	20°21	7°24	14° 1	16°34	10°58	10°47	29°40	n.a.	T 23
F 24	14 58 31	14°16'42	22°34	25°26	3°44	14°14	4° 4	20°27	7°27	14° 1	16°36	10°58	10°44	29°47	n.a.	F 24
S 25	15 2 28	15°13'44	5♏49	27°24	4°17	13°58	4°17	20°33	7°30	14° 1	16°37	10°R58	10°41	29°53	n.a.	S 25
S 26	15 6 24	16°10'48	18°50	29°19	4°51	13°41	4°30	20°38	7°33	14° 2	16°39	10°58	10°38	0♒ 0	n.a.	S 26
M27	15 10 21	17° 7'51	1♐35	1♊13	5°27	13°24	4°43	20°44	7°35	14° 2	16°40	10°58	10°35	0° 7	n.a.	M27
T 28	15 14 17	18° 4'55	14° 7	3° 5	6° 4	13° 8	4°56	20°49	7°38	14° 3	16°42	10°57	10°31	0°14	n.a.	T 28
W29	15 18 14	19° 2'00	26°25	4°55	6°41	12°51	5° 9	20°55	7°41	14° 3	16°44	10°56	10°28	0°20	n.a.	W29
T 30	15 22 11	19°59'06	8♑32	6°43	7°21	12°35	5°22	21° 0	7°44	14° 4	16°45	10°55	10°25	0°27	n.a.	T 30
F 31	15 26 7	20♉56'12	20♑30	8♊30	8♈ 1	12♏18	5♊35	21♓ 5	7♈47	14♎ 4	16♊47	10♏54	10♏22	0♒34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	8n54	20s13	3n12	1n43	1s24	0n41	1n 7	19s 3	1s15	20n32	0n 8	7s 2	2s23	1n59	0s35	18n29	1n36	29n17	6n 8	15s26	15s44	16s16			n.a.
T 2	9 15	19 55	4 0	2 38	1 13	0 24	0 54	19 6	1 20	20 35	0 8	6 59	2 23	2 1	0 35	18 29	1 36	29 17	6 8	15 27	15 43	16 14			n.a.
F 3	9 37	18 43	4 38	3 34	1 3	0 9	0 41	19 8	1 24	20 38	0 8	6 56	2 24	2 2	0 35	18 29	1 36	29 17	6 8	15 27	15 42	16 13			n.a.
S 4	9 58	16 42	5 3	4 32	0 52	0s 5	0 29	19 10	1 28	20 41	0 8	6 54	2 24	2 3	0 35	18 29	1 36	29 17	6 8	15 27	15 41	16 11			n.a.
S 5	10 19	13 59	5 15	5 29	0 42	0 18	0 17	19 12	1 33	20 43	0 8	6 51	2 24	2 5	0 35	18 29	1 36	29 17	6 8	15 27	15 40	16 10			n.a.
M 6	10 40	10 41	5 13	6 28	0 31	0 30	0 5	19 13	1 37	20 46	0 9	6 49	2 24	2 6	0 35	18 29	1 36	29 17	6 8	15 27	15 39	16 8			n.a.
T 7	11 1	6 55	4 58	7 26	0 20	0 40	0s 6	19 15	1 42	20 49	0 9	6 46	2 24	2 8	0 35	18 29	1 36	29 17	6 8	15 26	15 38	16 6			n.a.
W 8	11 22	2 48	4 29	8 25	0 9	0 49	0 17	19 16	1 46	20 51	0 9	6 44	2 24	2 9	0 35	18 29	1 36	29 17	6 8	15 26	15 37	16 5			n.a.
T 9	11 42	1n31	3 47	9 23	0n 2	0 57	0 28	19 17	1 51	20 54	0 9	6 41	2 24	2 10	0 35	18 29	1 35	29 18	6 8	15 25	15 36	16 3			n.a.
F 10	12 3	5 53	2 52	10 21	0 13	1 4	0 38	19 18	1 55	20 57	0 9	6 39	2 25	2 11	0 35	18 29	1 35	29 18	6 8	15 25	15 35	16 2			n.a.
S 11	12 23	10 4	1 47	11 19	0 23	1 9	0 48	19 19	2 0	20 59	0 9	6 36	2 25	2 13	0 35	18 29	1 35	29 18	6 8	15 24	15 34	16 0			n.a.
S 12	12 43	13 51	0 35	12 15	0 33	1 14	0 58	19 20	2 4	21 2	0 9	6 34	2 25	2 14	0 35	18 29	1 35	29 18	6 8	15 24	15 33	15 59			n.a.
M13	13 3	16 58	0s41	13 11	0 43	1 17	1 7	19 20	2 9	21 5	0 9	6 31	2 25	2 15	0 35	18 29	1 35	29 18	6 8	15 24	15 32	15 57			n.a.
T 14	13 22	19 8	1 55	14 5	0 52	1 19	1 16	19 20	2 13	21 7	0 9	6 29	2 25	2 17	0 35	18 29	1 35	29 18	6 8	15 24	15 31	15 56			n.a.
W15	13 42	20 9	3 4	14 58	1 1	1 20	1 25	19 21	2 18	21 10	0 9	6 26	2 26	2 18	0 35	18 29	1 35	29 18	6 8	15 25	15 30	15 54			n.a.
T 16	14 1	19 54	4 1	15 49	1 9	1 19	1 33	19 20	2 22	21 13	0 10	6 24	2 26	2 19	0 35	18 29	1 35	29 18	6 8	15 25	15 29	15 53			n.a.
F 17	14 20	18 22	4 45	16 38	1 17	1 18	1 41	19 20	2 27	21 15	0 10	6 22	2 26	2 20	0 35	18 29	1 35	29 18	6 8	15 25	15 28	15 51			n.a.
S 18	14 39	15 43	5 10	17 25	1 24	1 16	1 48	19 20	2 31	21 18	0 10	6 20	2 26	2 22	0 35	18 29	1 35	29 19	6 8	15 25	15 27	15 50			n.a.
S 19	14 57	12 7	5 17	18 10	1 30	1 13	1 55	19 19	2 36	21 21	0 10	6 17	2 26	2 23	0 35	18 29	1 35	29 19	6 8	15 25	15 26	15 48			n.a.
M20	15 16	7 51	5 4	18 53	1 36	1 8	2 2	19 19	2 40	21 23	0 10	6 15	2 26	2 24	0 35	18 28	1 35	29 19	6 8	15 25	15 25	15 46			n.a.
T 21	15 34	3 12	4 33	19 33	1 41	1 3	2 8	19 18	2 44	21 26	0 10	6 13	2 27	2 25	0 35	18 28	1 35	29 19	6 8	15 25	15 24	15 45			n.a.
W22	15 52	1s35	3 47	20 11	1 46	0 57	2 15	19 17	2 49	21 28	0 10	6 11	2 27	2 27	0 35	18 28	1 35	29 19	6 8	15 25	15 23	15 43			n.a.
T 23	16 9	6 14	2 48	20 47	1 50	0 50	2 20	19 16	2 53	21 31	0 10	6 9	2 27	2 28	0 35	18 28	1 35	29 19	6 8	15 25	15 22	15 42			n.a.
F 24	16 27	10 30	1 40	21 20	1 53	0 43	2 26	19 15	2 57	21 33	0 10	6 6	2 27	2 29	0 35	18 28	1 35	29 19	6 8	15 25	15 21	15 40			n.a.
S 25	16 44	14 10	0 29	21 50	1 55	0 34	2 31	19 13	3 1	21 36	0 10	6 4	2 27	2 30	0 35	18 28	1 35	29 20	6 7	15 25	15 20	15 39			n.a.
S 26	17 1	17 5	0n43	22 19	1 57	0 25	2 36	19 12	3 5	21 39	0 11	6 2	2 28	2 31	0 35	18 28	1 35	29 20	6 7	15 25	15 19	15 37			n.a.
M27	17 17	19 4	1 52	22 45	1 58	0 15	2 41	19 10	3 9	21 41	0 11	6 0	2 28	2 32	0 35	18 27	1 35	29 20	6 7	15 25	15 18	15 35			n.a.
T 28	17 34	20 5	2 53	23 8	1 59	0 4	2 45	19 9	3 13	21 44	0 11	5 58	2 28	2 34	0 35	18 27	1 35	29 20	6 7	15 25	15 17	15 34			n.a.
W29	17 50	20 7	3 46	23 29	1 58	0n 7	2 49	19 7	3 17	21 46	0 11	5 56	2 28	2 35	0 35	18 27	1 35	29 20	6 7	15 24	15 16	15 32			n.a.
T 30	18 6	19 12	4 27	23 48	1 58	0 20	2 53	19 6	3 20	21 48	0 11	5 54	2 29	2 36	0 35	18 27	1 35	29 20	6 7	15 24	15 15	15 31			n.a.
F 31	18n21	17s26	4n57	24n 5	1n56	0n32	2s57	19s 4	3s24	21n51	0n11	5s52	2s29	2n37	0s35	18n27	1n35	29n21	6n 7	15s24	15s14	15s29			n.a.

Julian Day Number = 988121.5, Delta T = 13h05m45s
Ecliptic obliquity = 23°55'24, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'07, Lahiri = -31°38'07 Julian Calendar 1 May 2008 BCE == Greg. Calendar 14 Apr. 2008 BCE

The year -2007 astronomical counting style corresponds to year 2008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

JUNE 2008 BCE (-2007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 30 4	21♉53'19	2♒24	10♊14	8♈42	12°R 2	5♊48	21♓10	7♈49	14♌ 5	16♊48	10°R53	10♏19	0♒41	n.a.	S 1
S 2	15 34 0	22°50'27	14°18	11°57	9°24	11♏47	6° 1	21°15	7°52	14° 5	16°50	10♏52	10°15	0°47	n.a.	S 2
M 3	15 37 57	23°47'36	26°15	13°38	10° 7	11°31	6°14	21°20	7°55	14° 6	16°52	10°D52	10°12	0°54	n.a.	M 3
T 4	15 41 53	24°44'46	8♓20	15°17	10°51	11°17	6°27	21°25	7°58	14° 7	16°53	10°52	10° 9	1° 1	n.a.	T 4
W 5	15 45 50	25°41'56	20°38	16°54	11°36	11° 2	6°40	21°30	8° 0	14° 8	16°55	10°53	10° 6	1° 7	n.a.	W 5
T 6	15 49 47	26°39'08	3♈12	18°29	12°22	10°48	6°53	21°35	8° 3	14° 8	16°57	10°54	10° 3	1°14	n.a.	T 6
F 7	15 53 43	27°36'21	16° 7	20° 2	13° 9	10°34	7° 7	21°40	8° 5	14° 9	16°59	10°56	10° 0	1°21	n.a.	F 7
S 8	15 57 40	28°33'34	29°24	21°33	13°57	10°21	7°20	21°44	8° 8	14°10	17° 0	10°57	9°56	1°28	n.a.	S 8
S 9	16 1 36	29°30'49	13♉ 4	23° 3	14°45	10° 9	7°33	21°49	8°10	14°11	17° 2	10°R57	9°53	1°34	n.a.	S 9
M10	16 5 33	0♊28'05	27° 6	24°30	15°34	9°57	7°46	21°53	8°13	14°12	17° 4	10°56	9°50	1°41	n.a.	M10
T 11	16 9 29	1°25'22	11♊26	25°56	16°24	9°45	7°59	21°58	8°15	14°13	17° 5	10°55	9°47	1°48	n.a.	T 11
W12	16 13 26	2°22'40	25°59	27°20	17°14	9°35	8°13	22° 2	8°18	14°13	17° 7	10°52	9°44	1°55	n.a.	W12
T 13	16 17 22	3°19'58	10♋38	28°41	18° 5	9°25	8°26	22° 6	8°20	14°14	17° 9	10°49	9°41	2° 1	n.a.	T 13
F 14	16 21 19	4°17'18	25°18	0♋ 1	18°57	9°16	8°39	22°11	8°22	14°15	17°11	10°46	9°37	2° 8	n.a.	F 14
S 15	16 25 16	5°14'38	9♌51	1°18	19°49	9° 7	8°52	22°15	8°24	14°16	17°12	10°44	9°34	2°15	n.a.	S 15
S 16	16 29 12	6°11'59	24°13	2°34	20°42	8°59	9° 5	22°19	8°27	14°18	17°14	10°42	9°31	2°21	n.a.	S 16
M17	16 33 9	7° 9'20	8♍20	3°47	21°35	8°53	9°19	22°22	8°29	14°19	17°16	10°D42	9°28	2°28	n.a.	M17
T 18	16 37 5	8° 6'43	22°12	4°57	22°29	8°46	9°32	22°26	8°31	14°20	17°18	10°43	9°25	2°35	n.a.	T 18
W19	16 41 2	9° 4'06	5♎48	6° 6	23°24	8°41	9°45	22°30	8°33	14°21	17°19	10°44	9°21	2°42	n.a.	W19
T 20	16 44 58	10° 1'30	19° 8	7°12	24°19	8°36	9°58	22°33	8°35	14°22	17°21	10°45	9°18	2°48	n.a.	T 20
F 21	16 48 55	10°58'56	2♏14	8°15	25°15	8°33	10°12	22°37	8°37	14°23	17°23	10°47	9°15	2°55	n.a.	F 21
S 22	16 52 52	11°56'22	15° 7	9°16	26°11	8°30	10°25	22°40	8°39	14°24	17°25	10°R47	9°12	3° 2	n.a.	S 22
S 23	16 56 48	12°53'50	27°48	10°14	27° 7	8°27	10°38	22°44	8°41	14°26	17°27	10°46	9° 9	3° 8	n.a.	S 23
M24	17 0 45	13°51'19	10♐17	11° 9	28° 4	8°26	10°51	22°47	8°43	14°27	17°28	10°43	9° 6	3°15	n.a.	M24
T 25	17 4 41	14°48'49	22°36	12° 1	29° 2	8°D26	11° 5	22°50	8°45	14°28	17°30	10°38	9° 2	3°22	n.a.	T 25
W26	17 8 38	15°46'20	4♑46	12°50	29°59	8°26	11°18	22°53	8°47	14°30	17°32	10°33	8°59	3°29	n.a.	W26
T 27	17 12 34	16°43'54	16°48	13°36	0♉58	8°27	11°31	22°56	8°49	14°31	17°34	10°26	8°56	3°35	n.a.	T 27
F 28	17 16 31	17°41'28	28°44	14°18	1°57	8°29	11°44	22°59	8°50	14°32	17°36	10°20	8°53	3°42	n.a.	F 28
S 29	17 20 27	18°39'04	10♒37	14°56	2°56	8°32	11°58	23° 1	8°52	14°34	17°37	10°14	8°50	3°49	n.a.	S 29
S 30	17 24 24	19♊36'42	22♒29	15♋30	3♉55	8♏35	12♊11	23♓ 4	8♈54	14♌35	17♊39	10♏ 9	8♏47	3♒56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n36	14s57	5n13	24n19	1n55	0n46	3s 0	19s 2	3s27	21n53	0n11	5s51	2s29	2n38	0s35	18n26	1n34	29n21	6n 7	15s23	15s13	15s28		n.a.
S 2	18 51	11 50	5 16	24 32	1 52	1 0	3 4	19 0	3 31	21 56	0 11	5 49	2 29	2 39	0 35	18 26	1 34	29 21	6 7	15 23	15 12	15 26		n.a.
M 3	19 6	8 15	5 5	24 42	1 49	1 14	3 6	18 58	3 34	21 58	0 11	5 47	2 29	2 40	0 35	18 26	1 34	29 21	6 7	15 23	15 10	15 24		n.a.
T 4	19 20	4 17	4 41	24 50	1 46	1 29	3 9	18 57	3 37	22 1	0 11	5 45	2 30	2 41	0 35	18 26	1 34	29 21	6 7	15 23	15 9	15 23		n.a.
W 5	19 34	0 4	4 3	24 57	1 42	1 45	3 12	18 55	3 40	22 3	0 12	5 43	2 30	2 42	0 35	18 25	1 34	29 21	6 7	15 24	15 8	15 21		n.a.
T 6	19 48	4n15	3 14	25 1	1 37	2 1	3 14	18 53	3 43	22 5	0 12	5 42	2 30	2 43	0 35	18 25	1 34	29 22	6 8	15 24	15 7	15 20		n.a.
F 7	20 1	8 30	2 13	25 4	1 32	2 18	3 16	18 51	3 46	22 8	0 12	5 40	2 30	2 44	0 35	18 25	1 34	29 22	6 8	15 24	15 6	15 18		n.a.
S 8	20 14	12 28	1 3	25 5	1 26	2 35	3 18	18 50	3 48	22 10	0 12	5 38	2 31	2 45	0 35	18 25	1 34	29 22	6 8	15 25	15 5	15 16		n.a.
S 9	20 27	15 53	0s12	25 5	1 20	2 52	3 19	18 48	3 51	22 12	0 12	5 37	2 31	2 46	0 35	18 24	1 34	29 22	6 8	15 25	15 4	15 15		n.a.
M10	20 40	18 29	1 28	25 2	1 14	3 10	3 21	18 46	3 53	22 15	0 12	5 35	2 31	2 47	0 35	18 24	1 34	29 22	6 8	15 25	15 3	15 13		n.a.
T 11	20 52	19 58	2 40	24 59	1 7	3 28	3 22	18 45	3 56	22 17	0 12	5 34	2 31	2 48	0 35	18 24	1 34	29 23	6 8	15 24	15 2	15 12		n.a.
W12	21 3	20 9	3 43	24 54	1 0	3 47	3 23	18 43	3 58	22 19	0 12	5 32	2 32	2 49	0 35	18 23	1 34	29 23	6 8	15 23	15 1	15 10		n.a.
T 13	21 15	18 58	4 32	24 47	0 52	4 6	3 24	18 42	4 0	22 21	0 12	5 31	2 32	2 50	0 35	18 23	1 34	29 23	6 8	15 22	15 0	15 8		n.a.
F 14	21 26	16 33	5 3	24 40	0 44	4 25	3 24	18 41	4 2	22 24	0 12	5 29	2 32	2 51	0 35	18 23	1 34	29 23	6 8	15 21	14 59	15 7		n.a.
S 15	21 36	13 6	5 14	24 31	0 36	4 45	3 25	18 40	4 4	22 26	0 13	5 28	2 32	2 52	0 35	18 22	1 34	29 23	6 8	15 21	14 58	15 5		n.a.
S 16	21 47	8 55	5 5	24 21	0 27	5 5	3 25	18 39	4 6	22 28	0 13	5 26	2 33	2 53	0 35	18 22	1 34	29 24	6 8	15 20	14 57	15 4		n.a.
M17	21 57	4 19	4 38	24 10	0 18	5 25	3 25	18 38	4 7	22 30	0 13	5 25	2 33	2 54	0 35	18 22	1 34	29 24	6 8	15 20	14 56	15 2		n.a.
T 18	22 6	0s26	3 55	23 58	0 8	5 45	3 25	18 37	4 9	22 32	0 13	5 24	2 33	2 54	0 35	18 21	1 34	29 24	6 8	15 20	14 55	15 0		n.a.
W19	22 15	5 6	3 0	23 45	0s 1	6 6	3 25	18 37	4 10	22 35	0 13	5 23	2 34	2 55	0 35	18 21	1 34	29 24	6 8	15 21	14 54	14 59		n.a.
T 20	22 24	9 25	1 56	23 32	0 11	6 27	3 25	18 37	4 11	22 37	0 13	5 21	2 34	2 56	0 35	18 21	1 34	29 25	6 8	15 21	14 53	14 57		n.a.
F 21	22 33	13 13	0 47	23 18	0 22	6 48	3 25	18 36	4 13	22 39	0 13	5 20	2 34	2 57	0 35	18 20	1 34	29 25	6 8	15 21	14 52	14 56		n.a.
S 22	22 41	16 19	0n24	23 3	0 32	7 9	3 24	18 36	4 14	22 41	0 13	5 19	2 34	2 58	0 35	18 20	1 34	29 25	6 8	15 22	14 51	14 54		n.a.
S 23	22 48	18 35	1 32	22 48	0 43	7 30	3 23	18 37	4 15	22 43	0 13	5 18	2 35	2 58	0 35	18 19	1 34	29 25	6 8	15 21	14 50	14 52		n.a.
M24	22 55	19 54	2 34	22 32	0 55	7 51	3 22	18 37	4 15	22 45	0 14	5 17	2 35	2 59	0 35	18 19	1 34	29 26	6 8	15 20	14 49	14 51		n.a.
T 25	23 2	20 15	3 28	22 16	1 6	8 13	3 21	18 38	4 16	22 47	0 14	5 16	2 35	3 0	0 35	18 18	1 34	29 26	6 8	15 19	14 48	14 49		n.a.
W26	23 9	19 38	4 12	22 0	1 18	8 35	3 20	18 38	4 17	22 49	0 14	5 15	2 35	3 1	0 35	18 18	1 34	29 26	6 8	15 17	14 47	14 47		n.a.
T 27	23 15	18 8	4 44	21 44	1 29	8 57	3 19	18 39	4 18	22 51	0 14	5 14	2 36	3 1	0 35	18 18	1 33	29 26	6 8	15 15	14 46	14 46		n.a.
F 28	23 20	15 52	5 4	21 28	1 41	9 18	3 18	18 40	4 18	22 53	0 14	5 13	2 36	3 2	0 35	18 17	1 33	29 27	6 8	15 13	14 45	14 44		n.a.
S 29	23 26	12 58	5 10	21 12	1 53	9 40	3 16	18 42	4 19	22 55	0 14	5 12	2 36	3 3	0 35	18 17	1 33	29 27	6 9	15 11	14 44	14 43		n.a.
S 30	23n30	9s32	5n 3	20n56	2s 5	10n 2	3s14	18s43	4s19	22n57	0n14	5s12	2s37	3n 3	0s35	18n16	1n33	29n27	6n 9	15s 9	14s43	14s41		n.a.

Julian Day Number = 988152.5, Delta T = 13h05m43s
Ecliptic obliquity = 23°55'23, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°45'03, Lahiri = -31°38'03 Julian Calendar 1 June 2008 BCE == Greg. Calendar 15 May 2008 BCE

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

JULY 2008 BCE (-2007) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 28 21	20♊34'22	4♓24	16♋ 0	4♉55	8♏39	12♊24	23♓ 7	8♈55	14♑37	17♊41	10°R 6	8♏43	4♒ 2	n.a.	M 1
T 2	17 32 17	21°32'03	16°27	16°26	5°56	8°44	12°37	23° 9	8°57	14°38	17°43	10°D 5	8°40	4° 9	n.a.	T 2
W 3	17 36 14	22°29'46	28°42	16°47	6°56	8°50	12°50	23°11	8°58	14°40	17°45	10♏ 5	8°37	4°16	n.a.	W 3
T 4	17 40 10	23°27'32	11♈14	17° 4	7°57	8°57	13° 3	23°14	9° 0	14°41	17°46	10° 6	8°34	4°22	n.a.	T 4
F 5	17 44 7	24°25'18	24° 7	17°15	8°59	9° 5	13°17	23°16	9° 1	14°43	17°48	10° 7	8°31	4°29	n.a.	F 5
S 6	17 48 3	25°23'07	7♉25	17°21	10° 0	9°13	13°30	23°18	9° 3	14°44	17°50	10°R 8	8°27	4°36	n.a.	S 6
S 7	17 52 0	26°20'58	21°11	17°R22	11° 2	9°22	13°43	23°20	9° 4	14°46	17°52	10° 7	8°24	4°43	n.a.	S 7
M 8	17 55 56	27°18'51	5♊23	17°17	12° 4	9°31	13°56	23°21	9° 5	14°48	17°53	10° 5	8°21	4°49	n.a.	M 8
T 9	17 59 53	28°16'46	19°59	17° 6	13° 7	9°42	14° 9	23°23	9° 6	14°49	17°55	10° 1	8°18	4°56	n.a.	T 9
W10	18 3 50	29°14'42	4♋53	16°49	14°10	9°53	14°22	23°25	9° 8	14°51	17°57	9°54	8°15	5° 3	n.a.	W10
T 11	18 7 46	0♋12'40	19°57	16°26	15°13	10° 5	14°35	23°26	9° 9	14°53	17°59	9°47	8°12	5°10	n.a.	T 11
F 12	18 11 43	1°10'40	5♌ 1	15°58	16°16	10°18	14°48	23°28	9°10	14°54	18° 1	9°39	8° 8	5°16	n.a.	F 12
S 13	18 15 39	2° 8'41	19°55	15°24	17°20	10°31	15° 1	23°29	9°11	14°56	18° 2	9°32	8° 5	5°23	n.a.	S 13
S 14	18 19 36	3° 6'44	4♍31	14°44	18°24	10°45	15°14	23°30	9°12	14°58	18° 4	9°27	8° 2	5°30	n.a.	S 14
M15	18 23 32	4° 4'48	18°47	13°59	19°28	11° 0	15°27	23°31	9°13	15° 0	18° 6	9°24	7°59	5°36	n.a.	M15
T 16	18 27 29	5° 2'54	2♎39	13°11	20°33	11°16	15°40	23°32	9°14	15° 1	18° 8	9°D23	7°56	5°43	n.a.	T 16
W17	18 31 25	6° 1'01	16° 8	12°18	21°37	11°32	15°52	23°33	9°15	15° 3	18° 9	9°23	7°52	5°50	n.a.	W17
T 18	18 35 22	6°59'11	29°16	11°23	22°42	11°49	16° 5	23°34	9°15	15° 5	18°11	9°24	7°49	5°57	n.a.	T 18
F 19	18 39 19	7°57'21	12♏ 6	10°25	23°47	12° 6	16°18	23°34	9°16	15° 7	18°13	9°R25	7°46	6° 3	n.a.	F 19
S 20	18 43 15	8°55'34	24°42	9°28	24°53	12°24	16°31	23°35	9°17	15° 9	18°14	9°23	7°43	6°10	n.a.	S 20
S 21	18 47 12	9°53'48	7♐ 7	8°31	25°58	12°43	16°43	23°35	9°17	15°11	18°16	9°20	7°40	6°17	n.a.	S 21
M22	18 51 8	10°52'04	19°21	7°35	27° 4	13° 2	16°56	23°35	9°18	15°13	18°18	9°14	7°37	6°24	n.a.	M22
T 23	18 55 5	11°50'22	1♑29	6°43	28°10	13°22	17° 9	23°36	9°19	15°15	18°19	9° 5	7°33	6°30	n.a.	T 23
W24	18 59 1	12°48'42	13°30	5°56	29°17	13°42	17°21	23°R36	9°19	15°17	18°21	8°55	7°30	6°37	n.a.	W24
T 25	19 2 58	13°47'04	25°27	5°14	0♊23	14° 3	17°34	23°36	9°19	15°19	18°23	8°43	7°27	6°44	n.a.	T 25
F 26	19 6 54	14°45'28	7♒21	4°38	1°30	14°24	17°46	23°35	9°20	15°20	18°24	8°30	7°24	6°50	n.a.	F 26
S 27	19 10 51	15°43'54	19°12	4°10	2°37	14°46	17°59	23°35	9°20	15°22	18°26	8°19	7°21	6°57	n.a.	S 27
S 28	19 14 47	16°42'23	1♓ 4	3°50	3°44	15° 8	18°11	23°35	9°20	15°24	18°28	8° 9	7°18	7° 4	n.a.	S 28
M29	19 18 44	17°40'53	13° 0	3°39	4°51	15°31	18°23	23°34	9°21	15°27	18°29	8° 1	7°14	7°11	n.a.	M29
T 30	19 22 41	18°39'26	25° 1	3°D37	5°58	15°55	18°36	23°34	9°21	15°29	18°31	7°56	7°11	7°17	n.a.	T 30
W31	19 26 37	19♋38'01	7♈14	3♋45	7♊ 6	16♏19	18♊48	23♓33	9♈21	15♑31	18♊33	7♏54	7♏ 8	7♒24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n35	5s43	4n43	20n40	2s17	10n24	3s13	18s45	4s19	22n58	0n14	5s11	2s37	3n 4	0s35	18n16	1n33	29n27	6n 9	15s 8	14s42	14s39		n.a.
T 2	23 39	1 37	4 10	20 25	2 29	10 46	3 11	18 47	4 19	23 0	0 14	5 10	2 37	3 5	0 35	18 15	1 33	29 28	6 9	15 8	14 41	14 38		n.a.
W 3	23 42	2n36	3 25	20 11	2 41	11 8	3 9	18 49	4 19	23 2	0 15	5 9	2 37	3 5	0 35	18 15	1 33	29 28	6 9	15 8	14 40	14 36		n.a.
T 4	23 45	6 49	2 30	19 57	2 53	11 30	3 7	18 51	4 19	23 4	0 15	5 9	2 38	3 6	0 35	18 14	1 33	29 28	6 9	15 8	14 39	14 34		n.a.
F 5	23 48	10 52	1 26	19 44	3 5	11 52	3 5	18 54	4 19	23 6	0 15	5 8	2 38	3 6	0 35	18 14	1 33	29 28	6 9	15 9	14 37	14 33		n.a.
S 6	23 50	14 30	0 15	19 32	3 16	12 14	3 2	18 56	4 19	23 8	0 15	5 8	2 38	3 7	0 35	18 13	1 33	29 29	6 9	15 9	14 36	14 31		n.a.
S 7	23 52	17 28	0s59	19 21	3 27	12 35	3 0	18 59	4 19	23 9	0 15	5 7	2 39	3 7	0 35	18 13	1 33	29 29	6 9	15 9	14 35	14 29		n.a.
M 8	23 54	19 28	2 12	19 12	3 37	12 57	2 58	19 2	4 19	23 11	0 15	5 7	2 39	3 8	0 35	18 12	1 33	29 29	6 9	15 8	14 34	14 28		n.a.
T 9	23 55	20 15	3 18	19 4	3 46	13 19	2 55	19 5	4 19	23 13	0 15	5 6	2 39	3 8	0 36	18 12	1 33	29 29	6 9	15 7	14 33	14 26		n.a.
W10	23 55	19 38	4 12	18 57	3 55	13 40	2 53	19 9	4 18	23 14	0 15	5 6	2 40	3 9	0 36	18 11	1 33	29 30	6 10	15 5	14 32	14 24		n.a.
T 11	23 55	17 39	4 48	18 52	4 3	14 1	2 50	19 12	4 18	23 16	0 15	5 6	2 40	3 9	0 36	18 11	1 33	29 30	6 10	15 2	14 31	14 23		n.a.
F 12	23 55	14 28	5 5	18 49	4 10	14 23	2 47	19 16	4 17	23 18	0 16	5 5	2 40	3 10	0 36	18 10	1 33	29 30	6 10	15 0	14 30	14 21		n.a.
S 13	23 54	10 23	5 1	18 47	4 16	14 43	2 44	19 20	4 17	23 19	0 16	5 5	2 40	3 10	0 36	18 10	1 33	29 31	6 10	14 58	14 29	14 19		n.a.
S 14	23 53	5 45	4 38	18 47	4 20	15 4	2 41	19 24	4 16	23 21	0 16	5 5	2 41	3 10	0 36	18 9	1 33	29 31	6 10	14 56	14 28	14 18		n.a.
M15	23 51	0 54	3 57	18 49	4 22	15 25	2 38	19 28	4 16	23 22	0 16	5 5	2 41	3 11	0 36	18 9	1 33	29 31	6 10	14 55	14 27	14 16		n.a.
T 16	23 49	3s52	3 4	18 53	4 23	15 45	2 35	19 32	4 15	23 24	0 16	5 5	2 41	3 11	0 36	18 8	1 33	29 31	6 10	14 55	14 26	14 14		n.a.
W17	23 47	8 20	2 1	18 59	4 22	16 5	2 32	19 37	4 14	23 25	0 16	5 5	2 42	3 11	0 36	18 7	1 33	29 32	6 10	14 55	14 25	14 13		n.a.
T 18	23 44	12 16	0 54	19 7	4 20	16 25	2 29	19 42	4 14	23 27	0 16	5 5	2 42	3 12	0 36	18 7	1 33	29 32	6 10	14 55	14 24	14 11		n.a.
F 19	23 41	15 33	0n14	19 16	4 15	16 45	2 26	19 46	4 13	23 28	0 16	5 5	2 42	3 12	0 36	18 6	1 33	29 32	6 11	14 55	14 23	14 9		n.a.
S 20	23 37	18 1	1 21	19 27	4 8	17 4	2 23	19 51	4 12	23 30	0 17	5 5	2 43	3 12	0 36	18 6	1 33	29 33	6 11	14 55	14 22	14 8		n.a.
S 21	23 33	19 36	2 22	19 40	3 59	17 23	2 19	19 56	4 11	23 31	0 17	5 5	2 43	3 12	0 36	18 5	1 33	29 33	6 11	14 54	14 21	14 6		n.a.
M22	23 28	20 14	3 16	19 54	3 49	17 42	2 16	20 2	4 10	23 33	0 17	5 5	2 43	3 13	0 36	18 4	1 33	29 33	6 11	14 52	14 20	14 4		n.a.
T 23	23 23	19 55	4 0	20 9	3 36	18 0	2 12	20 7	4 9	23 34	0 17	5 5	2 43	3 13	0 36	18 4	1 33	29 33	6 11	14 49	14 19	14 3		n.a.
W24	23 17	18 41	4 33	20 25	3 22	18 18	2 9	20 12	4 8	23 35	0 17	5 5	2 44	3 13	0 36	18 3	1 33	29 34	6 11	14 45	14 18	14 1		n.a.
T 25	23 12	16 40	4 54	20 42	3 7	18 36	2 5	20 18	4 7	23 37	0 17	5 6	2 44	3 13	0 36	18 3	1 33	29 34	6 11	14 41	14 17	13 59		n.a.
F 26	23 5	13 57	5 2	21 0	2 51	18 53	2 2	20 24	4 6	23 38	0 17	5 6	2 44	3 13	0 36	18 2	1 33	29 34	6 12	14 37	14 15	13 58		n.a.
S 27	22 58	10 40	4 57	21 18	2 34	19 10	1 58	20 29	4 5	23 39	0 17	5 6	2 45	3 13	0 36	18 1	1 33	29 35	6 12	14 34	14 14	13 56		n.a.
S 28	22 51	6 59	4 39	21 36	2 16	19 27	1 55	20 35	4 4	23 41	0 18	5 7	2 45	3 13	0 36	18 1	1 33	29 35	6 12	14 30	14 13	13 54		n.a.
M29	22 44	3 0	4 8	21 55	1 57	19 43	1 51	20 41	4 3	23 42	0 18	5 7	2 45	3 14	0 36	18 0	1 33	29 35	6 12	14 28	14 12	13 53		n.a.
T 30	22 36	1n 8	3 27	22 13	1 39	19 59	1 47	20 47	4 2	23 43	0 18	5 8	2 45	3 14	0 36	17 59	1 33	29 36	6 12	14 26	14 11	13 51		n.a.
W31	22n27	5n17	2n35	22n31	1s21	20n14	1s43	20s53	4s 1	23n44	0n18	5s 8	2s46	3n14	0s36	17n59	1n33	29n36	6n12	14s25	14s10	13s49		n.a.

Julian Day Number = 988182.5, Delta T = 13h05m41s
Ecliptic obliquity = 23°55'22, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'59, Lahiri = -31°37'59 Julian Calendar 1 July 2008 BCE == Greg. Calendar 14 June 2008 BCE

The year -2007 astronomical counting style corresponds to year 2008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

AUGUST 2008 BCE (-2007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 30 34	20♋36'39	19♈42	4♋ 1	8♊14	16♏43	19♊ 0	23°R32	9♈21	15♌33	18♊34	7°D53	7♏ 5	7♒31	n.a.	T 1
F 2	19 34 30	21°35'19	2♉29	4°27	9°22	17° 8	19°12	23♓31	9°R21	15°35	18°36	7°R53	7° 2	7°37	n.a.	F 2
S 3	19 38 27	22°34'01	15°42	5° 2	10°30	17°33	19°25	23°30	9°21	15°37	18°37	7♏53	6°58	7°44	n.a.	S 3
S 4	19 42 23	23°32'46	29°22	5°45	11°38	17°59	19°37	23°29	9°21	15°39	18°39	7°51	6°55	7°51	n.a.	S 4
M 5	19 46 20	24°31'33	13♊33	6°37	12°47	18°25	19°49	23°28	9°21	15°41	18°40	7°48	6°52	7°58	n.a.	M 5
T 6	19 50 16	25°30'23	28°11	7°37	13°56	18°52	20° 0	23°26	9°21	15°43	18°42	7°41	6°49	8° 4	n.a.	T 6
W 7	19 54 13	26°29'15	13♋12	8°43	15° 4	19°19	20°12	23°25	9°20	15°45	18°43	7°32	6°46	8°11	n.a.	W 7
T 8	19 58 10	27°28'10	28°28	9°56	16°13	19°46	20°24	23°23	9°20	15°47	18°45	7°21	6°43	8°18	n.a.	T 8
F 9	20 2 6	28°27'06	13♌47	11°15	17°23	20°14	20°36	23°22	9°20	15°50	18°46	7°10	6°39	8°25	n.a.	F 9
S 10	20 6 3	29°26'05	28°59	12°39	18°32	20°42	20°48	23°20	9°19	15°52	18°48	7° 0	6°36	8°31	n.a.	S 10
S 11	20 9 59	0♌25'05	13♍52	14° 8	19°41	21°11	20°59	23°18	9°19	15°54	18°49	6°52	6°33	8°38	n.a.	S 11
M12	20 13 56	1°24'08	28°20	15°41	20°51	21°40	21°11	23°16	9°19	15°56	18°50	6°47	6°30	8°45	n.a.	M12
T 13	20 17 52	2°23'12	12♎20	17°17	22° 1	22° 9	21°22	23°14	9°18	15°58	18°52	6°44	6°27	8°51	n.a.	T 13
W14	20 21 49	3°22'18	25°52	18°56	23°11	22°38	21°34	23°12	9°17	16° 0	18°53	6°43	6°24	8°58	n.a.	W14
T 15	20 25 45	4°21'27	8♏59	20°37	24°21	23° 8	21°45	23°10	9°17	16° 3	18°55	6°43	6°20	9° 5	n.a.	T 15
F 16	20 29 42	5°20'37	21°44	22°20	25°31	23°39	21°56	23° 7	9°16	16° 5	18°56	6°42	6°17	9°12	n.a.	F 16
S 17	20 33 38	6°19'49	4♐12	24° 5	26°41	24° 9	22° 7	23° 5	9°15	16° 7	18°57	6°40	6°14	9°18	n.a.	S 17
S 18	20 37 35	7°19'03	16°27	25°50	27°51	24°40	22°18	23° 2	9°15	16° 9	18°59	6°36	6°11	9°25	n.a.	S 18
M19	20 41 32	8°18'19	28°32	27°37	29° 2	25°12	22°30	22°59	9°14	16°12	19° 0	6°28	6° 8	9°32	n.a.	M19
T 20	20 45 28	9°17'38	10♑31	29°24	0♋13	25°43	22°40	22°57	9°13	16°14	19° 1	6°18	6° 4	9°39	n.a.	T 20
W21	20 49 25	10°16'58	22°26	1♌11	1°23	26°15	22°51	22°54	9°12	16°16	19° 2	6° 6	6° 1	9°45	n.a.	W21
T 22	20 53 21	11°16'21	4♒19	2°59	2°34	26°47	23° 2	22°51	9°11	16°18	19° 4	5°51	5°58	9°52	n.a.	T 22
F 23	20 57 18	12°15'45	16°12	4°46	3°45	27°20	23°13	22°48	9°10	16°20	19° 5	5°37	5°55	9°59	n.a.	F 23
S 24	21 1 14	13°15'12	28° 5	6°33	4°57	27°52	23°23	22°45	9° 9	16°23	19° 6	5°23	5°52	10° 5	n.a.	S 24
S 25	21 5 11	14°14'41	10♓ 1	8°20	6° 8	28°25	23°34	22°41	9° 8	16°25	19° 7	5°11	5°49	10°12	n.a.	S 25
M26	21 9 7	15°14'13	22° 1	10° 7	7°19	28°58	23°44	22°38	9° 7	16°27	19° 8	5° 2	5°45	10°19	n.a.	M26
T 27	21 13 4	16°13'46	4♈ 6	11°53	8°31	29°32	23°55	22°35	9° 5	16°29	19° 9	4°55	5°42	10°26	n.a.	T 27
W28	21 17 0	17°13'22	16°21	13°38	9°42	0♉ 5	24° 5	22°31	9° 4	16°32	19°10	4°52	5°39	10°32	n.a.	W28
T 29	21 20 57	18°13'01	28°49	15°23	10°54	0°39	24°15	22°28	9° 3	16°34	19°11	4°51	5°36	10°39	n.a.	T 29
F 30	21 24 53	19°12'42	11♉35	17° 7	12° 6	1°13	24°25	22°24	9° 1	16°36	19°13	4°D51	5°33	10°46	n.a.	F 30
S 31	21 28 50	20♌12'26	24♉41	18♌51	13♋18	1♉48	24♊35	22♓20	9♈ 0	16♌38	19♊14	4°R51	5♏30	10♒53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n18	9n19	1n35	22n49	1s 3	20n29	1s40	20s59	4s 0	23n45	0n18	5s 9	2s46	3n14	0s36	17n58	1n33	29n36	6n12	14s25	14s 9	13s47		n.a.	T 1
F 2	22 9	13 2	0 29	23 5	0 45	20 43	1 36	21 6	3 59	23 47	0 18	5 10	2 46	3 14	0 36	17 58	1 33	29 36	6 13	14 25	14 8	13 46		n.a.	F 2
S 3	21 59	16 13	0s41	23 21	0 28	20 57	1 32	21 12	3 57	23 48	0 18	5 10	2 47	3 14	0 36	17 57	1 33	29 37	6 13	14 25	14 7	13 44		n.a.	S 3
S 4	21 49	18 37	1 51	23 36	0 12	21 11	1 28	21 18	3 56	23 49	0 18	5 11	2 47	3 14	0 36	17 56	1 33	29 37	6 13	14 25	14 6	13 42		n.a.	S 4
M 5	21 39	19 58	2 57	23 48	0n 3	21 24	1 24	21 25	3 55	23 50	0 19	5 12	2 47	3 13	0 36	17 56	1 33	29 37	6 13	14 23	14 5	13 41		n.a.	M 5
T 6	21 28	20 2	3 53	24 0	0 18	21 36	1 21	21 31	3 54	23 51	0 19	5 12	2 47	3 13	0 36	17 55	1 33	29 38	6 13	14 21	14 4	13 39		n.a.	T 6
W 7	21 17	18 42	4 34	24 9	0 31	21 48	1 17	21 37	3 52	23 52	0 19	5 13	2 48	3 13	0 36	17 54	1 33	29 38	6 13	14 18	14 3	13 37		n.a.	W 7
T 8	21 5	16 2	4 57	24 16	0 43	21 59	1 13	21 44	3 51	23 53	0 19	5 14	2 48	3 13	0 36	17 54	1 33	29 38	6 14	14 15	14 2	13 36		n.a.	T 8
F 9	20 53	12 16	4 59	24 21	0 55	22 10	1 9	21 50	3 50	23 54	0 19	5 15	2 48	3 13	0 36	17 53	1 33	29 39	6 14	14 11	14 1	13 34		n.a.	F 9
S 10	20 41	7 43	4 39	24 23	1 5	22 20	1 5	21 57	3 48	23 55	0 19	5 16	2 49	3 13	0 36	17 52	1 33	29 39	6 14	14 8	14 0	13 32		n.a.	S 10
S 11	20 28	2 47	4 1	24 23	1 14	22 30	1 1	22 4	3 47	23 56	0 19	5 17	2 49	3 13	0 36	17 52	1 33	29 39	6 14	14 5	13 58	13 30		n.a.	S 11
M12	20 15	2s11	3 8	24 20	1 22	22 39	0 58	22 10	3 46	23 57	0 20	5 18	2 49	3 12	0 36	17 51	1 33	29 40	6 14	14 3	13 57	13 29		n.a.	M12
T 13	20 1	6 53	2 5	24 15	1 29	22 47	0 54	22 17	3 44	23 58	0 20	5 19	2 49	3 12	0 36	17 50	1 33	29 40	6 15	14 2	13 56	13 27		n.a.	T 13
W14	19 48	11 4	0 57	24 8	1 35	22 55	0 50	22 23	3 43	23 59	0 20	5 20	2 50	3 12	0 36	17 50	1 33	29 40	6 15	14 2	13 55	13 25		n.a.	W14
T 15	19 33	14 35	0n12	23 57	1 40	23 2	0 46	22 30	3 41	24 0	0 20	5 22	2 50	3 12	0 36	17 49	1 33	29 40	6 15	14 2	13 54	13 24		n.a.	T 15
F 16	19 19	17 18	1 19	23 45	1 44	23 8	0 42	22 36	3 40	24 0	0 20	5 23	2 50	3 11	0 36	17 48	1 33	29 41	6 15	14 2	13 53	13 22		n.a.	F 16
S 17	19 4	19 8	2 20	23 30	1 48	23 14	0 38	22 43	3 39	24 1	0 20	5 24	2 50	3 11	0 36	17 48	1 33	29 41	6 15	14 1	13 52	13 20		n.a.	S 17
S 18	18 49	20 1	3 13	23 12	1 50	23 20	0 35	22 49	3 37	24 2	0 20	5 25	2 51	3 11	0 36	17 47	1 33	29 41	6 16	13 59	13 51	13 18		n.a.	S 18
M19	18 33	19 58	3 57	22 53	1 52	23 24	0 31	22 56	3 36	24 3	0 21	5 27	2 51	3 10	0 36	17 46	1 33	29 42	6 16	13 57	13 50	13 17		n.a.	M19
T 20	18 17	19 0	4 30	22 31	1 53	23 28	0 27	23 2	3 34	24 4	0 21	5 28	2 51	3 10	0 37	17 46	1 33	29 42	6 16	13 54	13 49	13 15		n.a.	T 20
W21	18 1	17 14	4 51	22 8	1 53	23 32	0 23	23 9	3 33	24 4	0 21	5 29	2 51	3 10	0 37	17 45	1 33	29 42	6 16	13 49	13 48	13 13		n.a.	W21
T 22	17 45	14 43	4 59	21 42	1 52	23 34	0 20	23 15	3 31	24 5	0 21	5 31	2 52	3 9	0 37	17 44	1 33	29 43	6 16	13 44	13 47	13 11		n.a.	T 22
F 23	17 28	11 37	4 54	21 15	1 51	23 36	0 16	23 22	3 30	24 6	0 21	5 32	2 52	3 9	0 37	17 44	1 33	29 43	6 17	13 40	13 46	13 10		n.a.	F 23
S 24	17 11	8 3	4 37	20 47	1 50	23 37	0 12	23 28	3 28	24 7	0 21	5 34	2 52	3 8	0 37	17 43	1 33	29 43	6 17	13 35	13 45	13 8		n.a.	S 24
S 25	16 53	4 10	4 7	20 17	1 48	23 38	0 9	23 34	3 27	24 7	0 21	5 35	2 52	3 8	0 37	17 42	1 33	29 44	6 17	13 31	13 43	13 6		n.a.	S 25
M26	16 35	0 5	3 26	19 45	1 45	23 38	0 5	23 40	3 26	24 8	0 22	5 37	2 52	3 7	0 37	17 41	1 33	29 44	6 17	13 28	13 42	13 5		n.a.	M26
T 27	16 17	4n 2	2 35	19 13	1 42	23 37	0 2	23 46	3 24	24 9	0 22	5 38	2 53	3 7	0 37	17 41	1 33	29 44	6 17	13 25	13 41	13 3		n.a.	T 27
W28	15 59	8 2	1 36	18 39	1 39	23 35	0n 2	23 52	3 23	24 9	0 22	5 40	2 53	3 6	0 37	17 40	1 33	29 45	6 18	13 24	13 40	13 1		n.a.	W28
T 29	15 41	11 46	0 32	18 4	1 35	23 33	0 5	23 58	3 21	24 10	0 22	5 41	2 53	3 6	0 37	17 39	1 33	29 45	6 18	13 24	13 39	12 59		n.a.	T 29
F 30	15 22	15 3	0s36	17 28	1 31	23 30	0 9	24 4	3 20	24 10	0 22	5 43	2 53	3 5	0 37	17 39	1 33	29 45	6 18	13 24	13 38	12 58		n.a.	F 30
S 31	15n 3	17n39	1s43	16n51	1n27	23n27	0n12	24s10	3s18	24n11	0n22	5s45	2s53	3n 5	0s37	17n38	1n33	29n46	6n18	13s24	13s37	12s56		n.a.	S 31

Julian Day Number = 988213.5, Delta T = 13h05m39s
Ecliptic obliquity = 23°55'22, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'55, Lahiri = -31°37'54 Julian Calendar 1 Aug. 2008 BCE == Greg. Calendar 15 July 2008 BCE

The year -2007 astronomical counting style corresponds to year 2008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

SEPTEMBER 2008 BCE (-2007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 32 47	21♌12'12	8♊13	20♌34	14♋30	2♐22	24♊45	22°R16	8°R59	16♌41	19♊15	4°R50	5♏26	10♒59	n.a.	S 1
M 2	21 36 43	22°12'00	22°12	22°16	15°42	2°57	24°55	22♓12	8♈57	16°43	19°16	4♏46	5°23	11° 6	n.a.	M 2
T 3	21 40 40	23°11'51	6♋39	23°58	16°55	3°32	25° 4	22° 9	8°56	16°45	19°16	4°41	5°20	11°13	n.a.	T 3
W 4	21 44 36	24°11'45	21°31	25°39	18° 7	4° 7	25°14	22° 5	8°54	16°47	19°17	4°33	5°17	11°19	n.a.	W 4
T 5	21 48 33	25°11'40	6♌41	27°19	19°19	4°43	25°23	22° 0	8°53	16°50	19°18	4°23	5°14	11°26	n.a.	T 5
F 6	21 52 29	26°11'38	21°59	28°59	20°32	5°18	25°33	21°56	8°51	16°52	19°19	4°12	5°10	11°33	n.a.	F 6
S 7	21 56 26	27°11'38	7♍14	0♍38	21°45	5°54	25°42	21°52	8°49	16°54	19°20	4° 2	5° 7	11°40	n.a.	S 7
S 8	22 0 22	28°11'40	22°14	2°16	22°57	6°30	25°51	21°48	8°47	16°56	19°21	3°55	5° 4	11°46	n.a.	S 8
M 9	22 4 19	29°11'44	6♎53	3°54	24°10	7° 6	26° 0	21°43	8°46	16°58	19°22	3°49	5° 1	11°53	n.a.	M 9
T 10	22 8 15	0♍11'50	21° 3	5°32	25°23	7°42	26° 9	21°39	8°44	17° 1	19°22	3°46	4°58	12° 0	n.a.	T 10
W11	22 12 12	1°11'57	4♏44	7° 9	26°36	8°19	26°18	21°35	8°42	17° 3	19°23	3°D46	4°55	12° 6	n.a.	W11
T 12	22 16 9	2°12'07	17°57	8°45	27°49	8°56	26°26	21°30	8°40	17° 5	19°24	3°46	4°51	12°13	n.a.	T 12
F 13	22 20 5	3°12'18	0♐45	10°20	29° 2	9°32	26°35	21°26	8°38	17° 7	19°25	3°R47	4°48	12°20	n.a.	F 13
S 14	22 24 2	4°12'31	13°13	11°56	0♌16	10° 9	26°43	21°21	8°36	17° 9	19°25	3°46	4°45	12°27	n.a.	S 14
S 15	22 27 58	5°12'45	25°26	13°30	1°29	10°46	26°51	21°16	8°34	17°12	19°26	3°44	4°42	12°33	n.a.	S 15
M16	22 31 55	6°13'02	7♑27	15° 5	2°42	11°24	27° 0	21°12	8°32	17°14	19°27	3°39	4°39	12°40	n.a.	M16
T 17	22 35 51	7°13'20	19°22	16°38	3°56	12° 1	27° 8	21° 7	8°30	17°16	19°27	3°32	4°35	12°47	n.a.	T 17
W18	22 39 48	8°13'39	1♒15	18°12	5° 9	12°39	27°15	21° 2	8°28	17°18	19°28	3°23	4°32	12°54	n.a.	W18
T 19	22 43 44	9°14'01	13° 7	19°45	6°23	13°16	27°23	20°57	8°26	17°20	19°28	3°13	4°29	13° 0	n.a.	T 19
F 20	22 47 41	10°14'24	25° 1	21°17	7°37	13°54	27°31	20°53	8°24	17°22	19°29	3° 2	4°26	13° 7	n.a.	F 20
S 21	22 51 38	11°14'49	6♓59	22°49	8°50	14°32	27°38	20°48	8°22	17°24	19°29	2°52	4°23	13°14	n.a.	S 21
S 22	22 55 34	12°15'16	19° 2	24°21	10° 4	15°10	27°46	20°43	8°20	17°26	19°30	2°43	4°20	13°20	n.a.	S 22
M23	22 59 31	13°15'44	1♈11	25°52	11°18	15°48	27°53	20°38	8°18	17°28	19°30	2°36	4°16	13°27	n.a.	M23
T 24	23 3 27	14°16'15	13°28	27°22	12°32	16°27	28° 0	20°33	8°15	17°30	19°31	2°32	4°13	13°34	n.a.	T 24
W25	23 7 24	15°16'47	25°54	28°53	13°46	17° 5	28° 7	20°28	8°13	17°32	19°31	2°30	4°10	13°41	n.a.	W25
T 26	23 11 20	16°17'21	8♉32	0♎23	15° 0	17°44	28°13	20°23	8°11	17°35	19°31	2°D30	4° 7	13°47	n.a.	T 26
F 27	23 15 17	17°17'58	21°23	1°52	16°14	18°22	28°20	20°18	8° 8	17°37	19°32	2°31	4° 4	13°54	n.a.	F 27
S 28	23 19 13	18°18'36	4♊32	3°21	17°28	19° 1	28°26	20°13	8° 6	17°39	19°32	2°32	4° 1	14° 1	n.a.	S 28
S 29	23 23 10	19°19'16	18° 0	4°50	18°43	19°40	28°33	20° 8	8° 4	17°41	19°32	2°R33	3°57	14° 7	n.a.	S 29
M30	23 27 6	20♍19'59	1♋49	6♎18	19♌57	20♐19	28♊39	20♓ 3	8♈ 1	17♌42	19♊32	2♏32	3♏54	14♒14	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n43	19n22	2s47	16n13	1n22	23n22	0n15	24s16	3s16	24n12	0n23	5s46	2s54	3n 4	0s37	17n37	1n33	29n46	6n19	13s23	13s36	12s54		n.a.
M 2	14 23	19 58	3 43	15 35	1 17	23 17	0 19	24 21	3 15	24 12	0 23	5 48	2 54	3 3	0 37	17 37	1 33	29 46	6 19	13 22	13 35	12 52		n.a.
T 3	14 4	19 18	4 27	14 56	1 12	23 11	0 22	24 27	3 13	24 13	0 23	5 50	2 54	3 3	0 37	17 36	1 33	29 46	6 19	13 20	13 34	12 51		n.a.
W 4	13 43	17 19	4 55	14 16	1 7	23 5	0 25	24 32	3 12	24 13	0 23	5 52	2 54	3 2	0 37	17 35	1 33	29 47	6 19	13 18	13 33	12 49		n.a.
T 5	13 23	14 7	5 2	13 36	1 1	22 58	0 28	24 37	3 10	24 14	0 23	5 53	2 54	3 2	0 37	17 35	1 33	29 47	6 19	13 14	13 32	12 47		n.a.
F 6	13 2	9 56	4 48	12 56	0 56	22 50	0 31	24 43	3 9	24 14	0 23	5 55	2 54	3 1	0 37	17 34	1 33	29 47	6 20	13 11	13 31	12 45		n.a.
S 7	12 41	5 7	4 14	12 15	0 50	22 41	0 34	24 48	3 7	24 15	0 24	5 57	2 55	3 0	0 37	17 33	1 33	29 48	6 20	13 7	13 29	12 44		n.a.
S 8	12 20	0 3	3 22	11 33	0 44	22 32	0 37	24 53	3 6	24 15	0 24	5 59	2 55	2 59	0 37	17 33	1 33	29 48	6 20	13 5	13 28	12 42		n.a.
M 9	11 59	4s53	2 18	10 51	0 38	22 22	0 40	24 58	3 4	24 16	0 24	6 1	2 55	2 59	0 37	17 32	1 33	29 48	6 20	13 3	13 27	12 40		n.a.
T 10	11 38	9 25	1 7	10 9	0 31	22 12	0 43	25 2	3 3	24 16	0 24	6 3	2 55	2 58	0 37	17 31	1 33	29 49	6 21	13 2	13 26	12 38		n.a.
W11	11 16	13 17	0n 5	9 27	0 25	22 1	0 46	25 7	3 1	24 17	0 24	6 5	2 55	2 57	0 37	17 31	1 33	29 49	6 21	13 1	13 25	12 37		n.a.
T 12	10 54	16 19	1 15	8 44	0 19	21 49	0 49	25 11	3 0	24 17	0 25	6 6	2 55	2 56	0 37	17 30	1 33	29 49	6 21	13 2	13 24	12 35		n.a.
F 13	10 32	18 27	2 19	8 2	0 12	21 36	0 51	25 16	2 58	24 17	0 25	6 8	2 55	2 56	0 37	17 29	1 33	29 50	6 21	13 2	13 23	12 33		n.a.
S 14	10 10	19 38	3 15	7 19	0 6	21 23	0 54	25 20	2 57	24 18	0 25	6 10	2 55	2 55	0 37	17 29	1 33	29 50	6 22	13 2	13 22	12 31		n.a.
S 15	9 47	19 51	4 0	6 36	0s 1	21 9	0 56	25 24	2 55	24 18	0 25	6 12	2 55	2 54	0 37	17 28	1 33	29 50	6 22	13 1	13 21	12 30		n.a.
M16	9 25	19 9	4 34	5 53	0 8	20 54	0 59	25 28	2 53	24 19	0 25	6 14	2 56	2 53	0 37	17 27	1 33	29 50	6 22	12 59	13 20	12 28		n.a.
T 17	9 2	17 37	4 56	5 10	0 14	20 39	1 1	25 32	2 52	24 19	0 25	6 16	2 56	2 52	0 37	17 27	1 33	29 51	6 22	12 57	13 19	12 26		n.a.
W18	8 39	15 20	5 5	4 26	0 21	20 23	1 4	25 35	2 50	24 19	0 26	6 18	2 56	2 52	0 37	17 26	1 33	29 51	6 23	12 54	13 17	12 24		n.a.
T 19	8 16	12 25	5 1	3 43	0 27	20 7	1 6	25 39	2 49	24 20	0 26	6 20	2 56	2 51	0 37	17 25	1 33	29 51	6 23	12 50	13 16	12 22		n.a.
F 20	7 53	9 0	4 43	3 0	0 34	19 50	1 8	25 42	2 47	24 20	0 26	6 22	2 56	2 50	0 37	17 25	1 33	29 52	6 23	12 46	13 15	12 21		n.a.
S 21	7 29	5 13	4 13	2 17	0 41	19 32	1 10	25 45	2 46	24 20	0 26	6 24	2 56	2 49	0 37	17 24	1 33	29 52	6 23	12 43	13 14	12 19		n.a.
S 22	7 6	1 11	3 32	1 34	0 47	19 14	1 12	25 48	2 44	24 21	0 26	6 26	2 56	2 48	0 37	17 24	1 33	29 52	6 24	12 40	13 13	12 17		n.a.
M23	6 42	2n55	2 40	0 52	0 54	18 55	1 14	25 51	2 43	24 21	0 27	6 28	2 56	2 47	0 37	17 23	1 33	29 52	6 24	12 37	13 12	12 15		n.a.
T 24	6 19	6 58	1 41	0 9	1 0	18 36	1 16	25 53	2 41	24 21	0 27	6 30	2 56	2 46	0 37	17 22	1 33	29 53	6 24	12 36	13 11	12 14		n.a.
W25	5 55	10 45	0 36	0s33	1 6	18 16	1 18	25 56	2 40	24 21	0 27	6 32	2 56	2 45	0 37	17 22	1 33	29 53	6 24	12 35	13 10	12 12		n.a.
T 26	5 31	14 7	0s33	1 16	1 13	17 56	1 20	25 58	2 38	24 22	0 27	6 34	2 56	2 45	0 37	17 21	1 33	29 53	6 25	12 35	13 9	12 10		n.a.
F 27	5 7	16 52	1 40	1 58	1 19	17 35	1 22	26 0	2 37	24 22	0 27	6 36	2 56	2 44	0 37	17 21	1 33	29 54	6 25	12 35	13 8	12 8		n.a.
S 28	4 43	18 47	2 45	2 39	1 25	17 13	1 23	26 2	2 35	24 22	0 28	6 38	2 56	2 43	0 37	17 20	1 33	29 54	6 25	12 36	13 7	12 6		n.a.
S 29	4 19	19 42	3 41	3 20	1 31	16 51	1 25	26 4	2 34	24 23	0 28	6 40	2 56	2 42	0 37	17 19	1 33	29 54	6 25	12 36	13 5	12 5		n.a.
M30	3n54	19n28	4s27	4s 1	1s36	16n29	1n26	26s 5	2s32	24n23	0n28	6s42	2s56	2n41	0s37	17n19	1n33	29n54	6n26	12s36	13s 4	12s 3		n.a.

Julian Day Number = 988244.5, Delta T = 13h05m37s
Ecliptic obliquity = 23°55'23, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'51, Lahiri = -31°37'50 Julian Calendar 1 Sept. 2008 BCE == Greg. Calendar 15 Aug. 2008 BCE

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

OCTOBER 2008 BCE (-2007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 31 3	21♍20'43	16♋ 1	7♎46	21♌11	20♐58	28♊45	19°R58	7°R59	17♌44	19♊33	2°R30	3♏51	14♒21	n.a.	T 1
W 2	23 35 0	22°21'29	0♌33	9°13	22°26	21°37	28°51	19♓53	7♈57	17°46	19°33	2♏26	3°48	14°28	n.a.	W 2
T 3	23 38 56	23°22'17	15°22	10°40	23°40	22°16	28°56	19°49	7°54	17°48	19°33	2°20	3°45	14°34	n.a.	T 3
F 4	23 42 53	24°23'06	0♍21	12° 6	24°55	22°55	29° 2	19°44	7°52	17°50	19°33	2°14	3°41	14°41	n.a.	F 4
S 5	23 46 49	25°23'57	15°20	13°31	26° 9	23°34	29° 7	19°39	7°49	17°52	19°33	2° 9	3°38	14°48	n.a.	S 5
S 6	23 50 46	26°24'50	0♎12	14°56	27°24	24°14	29°12	19°34	7°47	17°54	19°33	2° 4	3°35	14°55	n.a.	S 6
M 7	23 54 42	27°25'44	14°47	16°19	28°39	24°53	29°18	19°29	7°44	17°56	19°33	2° 1	3°32	15° 1	n.a.	M 7
T 8	23 58 39	28°26'39	28°59	17°42	29°53	25°33	29°22	19°24	7°42	17°58	19°R33	2°D 0	3°29	15° 8	n.a.	T 8
W 9	0 2 35	29°27'36	12♏46	19° 4	1♍ 8	26°13	29°27	19°19	7°39	17°59	19°33	2° 0	3°26	15°15	n.a.	W 9
T 10	0 6 32	0♎28'34	26° 5	20°24	2°23	26°53	29°32	19°14	7°37	18° 1	19°33	2° 2	3°22	15°21	n.a.	T 10
F 11	0 10 29	1°29'32	9♐ 0	21°43	3°38	27°32	29°36	19° 9	7°34	18° 3	19°33	2° 3	3°19	15°28	n.a.	F 11
S 12	0 14 25	2°30'32	21°34	23° 0	4°52	28°12	29°40	19° 5	7°32	18° 5	19°33	2° 5	3°16	15°35	n.a.	S 12
S 13	0 18 22	3°31'33	3♑49	24°16	6° 7	28°52	29°44	19° 0	7°29	18° 6	19°33	2°R 5	3°13	15°42	n.a.	S 13
M14	0 22 18	4°32'35	15°53	25°29	7°22	29°32	29°48	18°55	7°27	18° 8	19°33	2° 5	3°10	15°48	n.a.	M14
T 15	0 26 15	5°33'38	27°48	26°40	8°37	0♑12	29°52	18°51	7°24	18°10	19°33	2° 3	3° 6	15°55	n.a.	T 15
W16	0 30 11	6°34'41	9♒40	27°48	9°52	0°53	29°55	18°46	7°22	18°11	19°32	2° 0	3° 3	16° 2	n.a.	W16
T 17	0 34 8	7°35'46	21°32	28°53	11° 7	1°33	29°58	18°41	7°19	18°13	19°32	1°56	3° 0	16° 8	n.a.	T 17
F 18	0 38 4	8°36'51	3♓28	29°55	12°22	2°13	0♋ 1	18°37	7°17	18°15	19°32	1°51	2°57	16°15	n.a.	F 18
S 19	0 42 1	9°37'57	15°31	0♏52	13°37	2°53	0° 4	18°32	7°14	18°16	19°32	1°47	2°54	16°22	n.a.	S 19
S 20	0 45 58	10°39'04	27°43	1°45	14°52	3°34	0° 7	18°28	7°12	18°18	19°31	1°44	2°51	16°29	n.a.	S 20
M21	0 49 54	11°40'12	10♈ 6	2°32	16° 7	4°14	0° 9	18°24	7° 9	18°19	19°31	1°42	2°47	16°35	n.a.	M21
T 22	0 53 51	12°41'20	22°39	3°13	17°22	4°54	0°12	18°19	7° 7	18°21	19°30	1°40	2°44	16°42	n.a.	T 22
W23	0 57 47	13°42'30	5♉24	3°47	18°37	5°35	0°14	18°15	7° 4	18°22	19°30	1°D40	2°41	16°49	n.a.	W23
T 24	1 1 44	14°43'41	18°21	4°14	19°53	6°15	0°16	18°11	7° 1	18°24	19°30	1°41	2°38	16°56	n.a.	T 24
F 25	1 5 40	15°44'52	1♊32	4°32	21° 8	6°56	0°18	18° 7	6°59	18°25	19°29	1°42	2°35	17° 2	n.a.	F 25
S 26	1 9 37	16°46'05	14°55	4°R40	22°23	7°37	0°19	18° 3	6°56	18°26	19°29	1°43	2°32	17° 9	n.a.	S 26
S 27	1 13 33	17°47'19	28°32	4°39	23°38	8°17	0°21	17°59	6°54	18°28	19°28	1°44	2°28	17°16	n.a.	S 27
M28	1 17 30	18°48'33	12♋22	4°26	24°53	8°58	0°22	17°55	6°52	18°29	19°28	1°45	2°25	17°22	n.a.	M28
T 29	1 21 27	19°49'49	26°25	4° 2	26° 9	9°39	0°23	17°51	6°49	18°30	19°27	1°R45	2°22	17°29	n.a.	T 29
W30	1 25 23	20°51'05	10♌41	3°26	27°24	10°19	0°24	17°47	6°47	18°32	19°26	1°44	2°19	17°36	n.a.	W30
T 31	1 29 20	21♎52'23	25♌ 5	2♏40	28♍39	11♑ 0	0♋24	17♓44	6♈44	18♌33	19♊26	1♏44	2♏16	17♒43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	3n30	18n 1	4s57	4s42	1s42	16n 6	1n27	26s 7	2s31	24n23	0n28	6s44	2s56	2n40	0s37	17n18	1n33	29n55	6n26	12s35	13s 3	12s 1			n.a.
W 2	3 5	15 24	5 10	5 22	1 47	15 43	1 29	26 8	2 29	24 23	0 28	6 46	2 56	2 39	0 37	17 18	1 33	29 55	6 26	12 34	13 2	11 59			n.a.
T 3	2 41	11 45	5 2	6 1	1 53	15 19	1 30	26 9	2 28	24 24	0 29	6 48	2 56	2 38	0 37	17 17	1 33	29 55	6 26	12 32	13 1	11 58			n.a.
F 4	2 16	7 19	4 34	6 40	1 57	14 54	1 31	26 10	2 26	24 24	0 29	6 50	2 56	2 37	0 37	17 17	1 34	29 55	6 27	12 30	13 0	11 56			n.a.
S 5	1 52	2 25	3 47	7 19	2 2	14 30	1 32	26 10	2 25	24 24	0 29	6 52	2 56	2 36	0 37	17 16	1 34	29 56	6 27	12 28	12 59	11 54			n.a.
S 6	1 27	2s35	2 45	7 56	2 7	14 4	1 33	26 11	2 23	24 24	0 29	6 54	2 56	2 35	0 37	17 15	1 34	29 56	6 27	12 26	12 58	11 52			n.a.
M 7	1 3	7 21	1 33	8 33	2 11	13 39	1 34	26 11	2 22	24 25	0 29	6 56	2 56	2 34	0 37	17 15	1 34	29 56	6 27	12 25	12 57	11 50			n.a.
T 8	0 38	11 35	0 16	9 9	2 15	13 13	1 35	26 11	2 20	24 25	0 30	6 58	2 56	2 33	0 37	17 14	1 34	29 57	6 28	12 24	12 56	11 49			n.a.
W 9	0 13	15 3	0n59	9 44	2 18	12 47	1 36	26 11	2 19	24 25	0 30	7 0	2 56	2 32	0 37	17 14	1 34	29 57	6 28	12 25	12 54	11 47			n.a.
T 10	0s12	17 36	2 8	10 18	2 21	12 20	1 36	26 10	2 17	24 25	0 30	7 2	2 56	2 31	0 37	17 13	1 34	29 57	6 28	12 25	12 53	11 45			n.a.
F 11	0 36	19 8	3 9	10 51	2 24	11 53	1 37	26 10	2 16	24 26	0 30	7 3	2 56	2 30	0 37	17 13	1 34	29 57	6 28	12 26	12 52	11 43			n.a.
S 12	1 1	19 41	3 59	11 22	2 26	11 25	1 37	26 9	2 14	24 26	0 30	7 5	2 55	2 29	0 37	17 12	1 34	29 58	6 29	12 26	12 51	11 41			n.a.
S 13	1 26	19 16	4 37	11 52	2 28	10 58	1 38	26 8	2 13	24 26	0 31	7 7	2 55	2 28	0 37	17 12	1 34	29 58	6 29	12 26	12 50	11 40			n.a.
M14	1 50	17 58	5 1	12 21	2 29	10 29	1 38	26 7	2 11	24 26	0 31	7 9	2 55	2 27	0 37	17 11	1 34	29 58	6 29	12 26	12 49	11 38			n.a.
T 15	2 15	15 55	5 13	12 48	2 30	10 1	1 39	26 5	2 10	24 26	0 31	7 11	2 55	2 26	0 37	17 11	1 34	29 58	6 29	12 25	12 48	11 36			n.a.
W16	2 40	13 12	5 11	13 13	2 29	9 32	1 39	26 4	2 8	24 27	0 31	7 12	2 55	2 25	0 37	17 10	1 34	29 58	6 30	12 24	12 47	11 34			n.a.
T 17	3 4	9 57	4 56	13 36	2 29	9 4	1 39	26 2	2 7	24 27	0 32	7 14	2 55	2 24	0 37	17 10	1 34	29 59	6 30	12 23	12 46	11 32			n.a.
F 18	3 29	6 17	4 28	13 57	2 27	8 34	1 39	26 0	2 6	24 27	0 32	7 16	2 55	2 23	0 37	17 9	1 34	29 59	6 30	12 22	12 44	11 31			n.a.
S 19	3 53	2 20	3 47	14 15	2 24	8 5	1 39	25 58	2 4	24 27	0 32	7 17	2 55	2 22	0 37	17 9	1 34	29 59	6 30	12 20	12 43	11 29			n.a.
S 20	4 18	1n46	2 56	14 31	2 21	7 35	1 39	25 55	2 3	24 28	0 32	7 19	2 55	2 21	0 37	17 9	1 34	29 59	6 31	12 19	12 42	11 27			n.a.
M21	4 42	5 51	1 56	14 43	2 16	7 5	1 39	25 52	2 1	24 28	0 32	7 21	2 54	2 20	0 37	17 8	1 34	30 0	6 31	12 18	12 41	11 25			n.a.
T 22	5 7	9 45	0 50	14 52	2 10	6 35	1 38	25 50	2 0	24 28	0 33	7 22	2 54	2 19	0 37	17 8	1 34	30 0	6 31	12 18	12 40	11 23			n.a.
W23	5 31	13 16	0s21	14 58	2 3	6 5	1 38	25 46	1 58	24 28	0 33	7 24	2 54	2 18	0 37	17 7	1 34	30 0	6 31	12 18	12 39	11 22			n.a.
T 24	5 55	16 11	1 31	14 59	1 55	5 35	1 38	25 43	1 57	24 29	0 33	7 25	2 54	2 17	0 37	17 7	1 34	30 0	6 32	12 18	12 38	11 20			n.a.
F 25	6 19	18 19	2 38	14 56	1 45	5 4	1 37	25 40	1 56	24 29	0 33	7 27	2 54	2 16	0 37	17 6	1 35	30 0	6 32	12 18	12 37	11 18			n.a.
S 26	6 43	19 27	3 37	14 48	1 34	4 33	1 37	25 36	1 54	24 29	0 34	7 28	2 54	2 15	0 37	17 6	1 35	30 1	6 32	12 19	12 36	11 16			n.a.
S 27	7 7	19 30	4 25	14 36	1 21	4 2	1 36	25 32	1 53	24 29	0 34	7 30	2 53	2 14	0 37	17 6	1 35	30 1	6 32	12 19	12 34	11 14			n.a.
M28	7 31	18 23	4 59	14 18	1 7	3 31	1 35	25 28	1 51	24 29	0 34	7 31	2 53	2 13	0 37	17 5	1 35	30 1	6 33	12 19	12 33	11 12			n.a.
T 29	7 54	16 8	5 15	13 55	0 51	3 0	1 35	25 24	1 50	24 30	0 34	7 32	2 53	2 12	0 37	17 5	1 35	30 1	6 33	12 19	12 32	11 11			n.a.
W30	8 18	12 54	5 13	13 26	0 33	2 29	1 34	25 19	1 49	24 30	0 35	7 34	2 53	2 11	0 37	17 5	1 35	30 1	6 33	12 19	12 31	11 9			n.a.
T 31	8s41	8n51	4s51	12s52	0s15	1n58	1n33	25s14	1s47	24n30	0n35	7s35	2s53	2n10	0s37	17n 4	1n35	30n 2	6n33	12s19	12s30	11s 7			n.a.

Julian Day Number = 988274.5, Delta T = 13h05m35s
Ecliptic obliquity = 23°55'23, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'47, Lahiri = -31°37'46 Julian Calendar 1 Oct. 2008 BCE == Greg. Calendar 14 Sept. 2008 BCE

The year -2007 astronomical counting style corresponds to year 2008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

NOVEMBER 2008 BCE (-2007) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 33 16	22♎53'41	9♍36	1°R42	29♍55	11♉41	0♋25	17°R40	6°R42	18♌34	19°R25	1°R42	2♏12	17♒49	n.a.	F 1
S 2	1 37 13	23°54'59	24° 7	0♏35	1♎10	12°22	0°25	17♓37	6♈39	18°35	19♊25	1♏41	2° 9	17°56	n.a.	S 2
S 3	1 41 9	24°56'19	8♎33	29♎21	2°25	13° 3	0°R25	17°33	6°37	18°36	19°24	1°41	2° 6	18° 3	n.a.	S 3
M 4	1 45 6	25°57'39	22°49	28° 1	3°40	13°43	0°25	17°30	6°35	18°38	19°23	1°40	2° 3	18° 9	n.a.	M 4
T 5	1 49 2	26°58'59	6♏49	26°39	4°56	14°24	0°24	17°27	6°32	18°39	19°22	1°D40	2° 0	18°16	n.a.	T 5
W 6	1 52 59	28° 0'19	20°29	25°17	6°11	15° 5	0°24	17°24	6°30	18°40	19°22	1°40	1°57	18°23	n.a.	W 6
T 7	1 56 56	29° 1'40	3♐48	23°58	7°26	15°46	0°23	17°21	6°28	18°41	19°21	1°41	1°53	18°30	n.a.	T 7
F 8	2 0 52	0♏ 3'01	16°45	22°44	8°42	16°27	0°22	17°18	6°25	18°42	19°20	1°41	1°50	18°36	n.a.	F 8
S 9	2 4 49	1° 4'22	29°23	21°37	9°57	17° 8	0°21	17°15	6°23	18°43	19°19	1°41	1°47	18°43	n.a.	S 9
S 10	2 8 45	2° 5'43	11♑42	20°40	11°13	17°49	0°20	17°12	6°21	18°44	19°18	1°R41	1°44	18°50	n.a.	S 10
M11	2 12 42	3° 7'03	23°49	19°52	12°28	18°30	0°18	17° 9	6°19	18°45	19°17	1°41	1°41	18°56	n.a.	M11
T 12	2 16 38	4° 8'24	5♒45	19°15	13°43	19°12	0°16	17° 7	6°17	18°45	19°17	1°D41	1°38	19° 3	n.a.	T 12
W13	2 20 35	5° 9'44	17°38	18°49	14°59	19°53	0°14	17° 4	6°14	18°46	19°16	1°41	1°34	19°10	n.a.	W13
T 14	2 24 32	6°11'03	29°30	18°33	16°14	20°34	0°12	17° 2	6°12	18°47	19°15	1°41	1°31	19°17	n.a.	T 14
F 15	2 28 28	7°12'23	11♓28	18°D27	17°29	21°15	0°10	17° 0	6°10	18°48	19°14	1°42	1°28	19°23	n.a.	F 15
S 16	2 32 25	8°13'42	23°34	18°30	18°45	21°56	0° 7	16°57	6° 8	18°49	19°13	1°43	1°25	19°30	n.a.	S 16
S 17	2 36 21	9°15'01	5♈52	18°42	20° 0	22°37	0° 5	16°55	6° 6	18°49	19°12	1°43	1°22	19°37	n.a.	S 17
M18	2 40 18	10°16'19	18°25	19° 2	21°15	23°18	0° 2	16°53	6° 4	18°50	19°11	1°44	1°18	19°43	n.a.	M18
T 19	2 44 14	11°17'37	1♉15	19°29	22°31	23°59	29♊59	16°52	6° 2	18°51	19°10	1°R44	1°15	19°50	n.a.	T 19
W20	2 48 11	12°18'55	14°21	20° 3	23°46	24°40	29°55	16°50	6° 0	18°51	19° 9	1°44	1°12	19°57	n.a.	W20
T 21	2 52 7	13°20'13	27°44	20°43	25° 1	25°22	29°52	16°48	5°58	18°52	19° 8	1°43	1° 9	20° 4	n.a.	T 21
F 22	2 56 4	14°21'30	11♊21	21°28	26°17	26° 3	29°48	16°47	5°57	18°52	19° 6	1°42	1° 6	20°10	n.a.	F 22
S 23	3 0 1	15°22'47	25°11	22°17	27°32	26°44	29°45	16°45	5°55	18°53	19° 5	1°40	1° 3	20°17	n.a.	S 23
S 24	3 3 57	16°24'04	9♋10	23°11	28°47	27°25	29°41	16°44	5°53	18°53	19° 4	1°38	0°59	20°24	n.a.	S 24
M25	3 7 54	17°25'21	23°16	24° 8	0♏ 2	28° 6	29°36	16°43	5°51	18°54	19° 3	1°36	0°56	20°30	n.a.	M25
T 26	3 11 50	18°26'37	7♌25	25° 9	1°18	28°47	29°32	16°42	5°50	18°54	19° 2	1°35	0°53	20°37	n.a.	T 26
W27	3 15 47	19°27'53	21°36	26°12	2°33	29°28	29°28	16°41	5°48	18°55	19° 1	1°D35	0°50	20°44	n.a.	W27
T 28	3 19 43	20°29'09	5♍46	27°18	3°48	0♒10	29°23	16°40	5°46	18°55	18°59	1°35	0°47	20°51	n.a.	T 28
F 29	3 23 40	21°30'25	19°53	28°27	5° 4	0°51	29°18	16°39	5°45	18°55	18°58	1°37	0°43	20°57	n.a.	F 29
S 30	3 27 37	22♏31'40	3♎56	29♎38	6♏19	1♒32	29♊13	16♓39	5♈43	18♌55	18♊57	1♏38	0♏40	21♒ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s 5	4n16	4s10	12s14	0n 5	1n26	1n32	25s 9	1s46	24n30	0n35	7s36	2s52	2n 9	0s37	17n 4	1n35	30n 2	6n34	12s18	12s29	11s 5		n.a.
S 2	9 28	0s34	3 14	11 31	0 25	0 55	1 31	25 4	1 45	24 31	0 35	7 37	2 52	2 8	0 37	17 4	1 35	30 2	6 34	12 18	12 28	11 3		n.a.
S 3	9 51	5 22	2 5	10 45	0 46	0 23	1 30	24 59	1 43	24 31	0 35	7 39	2 52	2 7	0 37	17 3	1 35	30 2	6 34	12 18	12 27	11 2		n.a.
M 4	10 13	9 48	0 49	9 57	1 6	0s 8	1 29	24 53	1 42	24 31	0 36	7 40	2 52	2 6	0 37	17 3	1 35	30 2	6 34	12 18	12 26	11 0		n.a.
T 5	10 36	13 37	0n29	9 9	1 25	0 40	1 27	24 48	1 41	24 31	0 36	7 41	2 51	2 5	0 37	17 3	1 35	30 2	6 34	12 18	12 24	10 58		n.a.
W 6	10 59	16 35	1 43	8 22	1 44	1 11	1 26	24 42	1 39	24 32	0 36	7 42	2 51	2 4	0 37	17 2	1 35	30 3	6 35	12 18	12 23	10 56		n.a.
T 7	11 21	18 34	2 49	7 37	2 0	1 43	1 25	24 35	1 38	24 32	0 36	7 43	2 51	2 3	0 37	17 2	1 35	30 3	6 35	12 18	12 22	10 54		n.a.
F 8	11 43	19 31	3 45	6 56	2 15	2 14	1 23	24 29	1 37	24 32	0 37	7 44	2 51	2 2	0 37	17 2	1 35	30 3	6 35	12 18	12 21	10 52		n.a.
S 9	12 5	19 27	4 29	6 19	2 28	2 46	1 22	24 22	1 35	24 32	0 37	7 45	2 51	2 2	0 37	17 2	1 35	30 3	6 35	12 18	12 20	10 51		n.a.
S 10	12 27	18 26	4 58	5 48	2 38	3 17	1 21	24 16	1 34	24 33	0 37	7 46	2 50	2 1	0 37	17 1	1 35	30 3	6 36	12 18	12 19	10 49		n.a.
M11	12 48	16 37	5 14	5 22	2 46	3 49	1 19	24 9	1 33	24 33	0 37	7 46	2 50	2 0	0 37	17 1	1 35	30 3	6 36	12 18	12 18	10 47		n.a.
T 12	13 9	14 6	5 17	5 2	2 52	4 20	1 17	24 2	1 31	24 33	0 38	7 47	2 50	1 59	0 37	17 1	1 36	30 3	6 36	12 18	12 17	10 45		n.a.
W13	13 30	11 1	5 5	4 48	2 56	4 51	1 16	23 54	1 30	24 33	0 38	7 48	2 50	1 58	0 37	17 1	1 36	30 4	6 36	12 18	12 15	10 43		n.a.
T 14	13 51	7 30	4 41	4 40	2 58	5 22	1 14	23 47	1 29	24 33	0 38	7 49	2 49	1 57	0 37	17 1	1 36	30 4	6 36	12 18	12 14	10 41		n.a.
F 15	14 12	3 39	4 4	4 37	2 59	5 53	1 12	23 39	1 28	24 34	0 38	7 49	2 49	1 56	0 37	17 0	1 36	30 4	6 37	12 18	12 13	10 40		n.a.
S 16	14 32	0n23	3 16	4 39	2 58	6 24	1 10	23 31	1 26	24 34	0 39	7 50	2 49	1 56	0 37	17 0	1 36	30 4	6 37	12 18	12 12	10 38		n.a.
S 17	14 52	4 29	2 19	4 46	2 56	6 55	1 9	23 23	1 25	24 34	0 39	7 50	2 48	1 55	0 36	17 0	1 36	30 4	6 37	12 19	12 11	10 36		n.a.
M18	15 12	8 29	1 13	4 56	2 53	7 26	1 7	23 15	1 24	24 34	0 39	7 51	2 48	1 54	0 36	17 0	1 36	30 4	6 37	12 19	12 10	10 34		n.a.
T 19	15 31	12 11	0 3	5 11	2 49	7 56	1 5	23 6	1 23	24 35	0 39	7 51	2 48	1 53	0 36	17 0	1 36	30 4	6 37	12 19	12 9	10 32		n.a.
W20	15 51	15 22	1s 9	5 28	2 44	8 26	1 3	22 57	1 21	24 35	0 40	7 52	2 48	1 53	0 36	17 0	1 36	30 4	6 38	12 19	12 8	10 30		n.a.
T 21	16 9	17 48	2 19	5 48	2 39	8 56	1 1	22 49	1 20	24 35	0 40	7 52	2 47	1 52	0 36	16 59	1 36	30 4	6 38	12 19	12 6	10 28		n.a.
F 22	16 28	19 16	3 22	6 11	2 33	9 26	0 59	22 39	1 19	24 35	0 40	7 53	2 47	1 51	0 36	16 59	1 36	30 4	6 38	12 18	12 5	10 27		n.a.
S 23	16 47	19 36	4 14	6 35	2 26	9 55	0 57	22 30	1 18	24 36	0 40	7 53	2 47	1 50	0 36	16 59	1 36	30 5	6 38	12 17	12 4	10 25		n.a.
S 24	17 5	18 44	4 52	7 2	2 19	10 25	0 55	22 21	1 17	24 36	0 40	7 53	2 46	1 50	0 36	16 59	1 36	30 5	6 38	12 17	12 3	10 23		n.a.
M25	17 22	16 44	5 13	7 30	2 12	10 54	0 52	22 11	1 15	24 36	0 41	7 53	2 46	1 49	0 36	16 59	1 36	30 5	6 39	12 16	12 2	10 21		n.a.
T 26	17 40	13 43	5 14	7 59	2 5	11 23	0 50	22 2	1 14	24 36	0 41	7 53	2 46	1 48	0 36	16 59	1 36	30 5	6 39	12 16	12 1	10 19		n.a.
W27	17 57	9 55	4 57	8 30	1 57	11 51	0 48	21 52	1 13	24 36	0 41	7 54	2 46	1 48	0 36	16 59	1 37	30 5	6 39	12 16	12 0	10 17		n.a.
T 28	18 14	5 32	4 22	9 1	1 49	12 19	0 46	21 42	1 12	24 37	0 41	7 54	2 45	1 47	0 36	16 59	1 37	30 5	6 39	12 16	11 59	10 16		n.a.
F 29	18 30	0 52	3 30	9 34	1 41	12 47	0 44	21 31	1 11	24 37	0 42	7 54	2 45	1 47	0 36	16 59	1 37	30 5	6 39	12 16	11 57	10 14		n.a.
S 30	18s46	3s50	2s27	10s 7	1n33	13s15	0n41	21s21	1s 9	24n37	0n42	7s54	2s45	1n46	0s36	16n59	1n37	30n 5	6n39	12s17	11s56	10s12		n.a.

Julian Day Number = 988305.5, Delta T = 13h05m33s
Ecliptic obliquity = 23°55'23, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'42, Lahiri = -31°37'42 Julian Calendar 1 Nov. 2008 BCE == Greg. Calendar 15 Oct. 2008 BCE

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ASTRODIENST EPHEMERIS for the year 2008 BCE
geocentric

DECEMBER 2008 BCE (-2007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 31 33	23♏32'54	17♎52	0♏51	7♏34	2♒13	29°R 8	16°R38	5°R42	18♑56	18°R56	1♏39	0♏37	21♒11	n.a.	S 1
M 2	3 35 30	24°34'08	1♏39	2° 5	8°50	2°54	29♊ 2	16♓38	5♈40	18°56	18♊55	1°R40	0°34	21°18	n.a.	M 2
T 3	3 39 26	25°35'22	15°14	3°21	10° 5	3°35	28°57	16°38	5°39	18°56	18°53	1°39	0°31	21°24	n.a.	T 3
W 4	3 43 23	26°36'34	28°36	4°39	11°20	4°16	28°51	16°37	5°38	18°56	18°52	1°37	0°28	21°31	n.a.	W 4
T 5	3 47 19	27°37'46	11♐43	5°58	12°35	4°58	28°46	16°D37	5°36	18°56	18°51	1°34	0°24	21°38	n.a.	T 5
F 6	3 51 16	28°38'57	24°33	7°18	13°51	5°39	28°40	16°37	5°35	18°56	18°49	1°30	0°21	21°44	n.a.	F 6
S 7	3 55 13	29°40'07	7♑ 8	8°39	15° 6	6°20	28°34	16°38	5°34	18°R56	18°48	1°25	0°18	21°51	n.a.	S 7
S 8	3 59 9	0♐41'16	19°28	10° 1	16°21	7° 1	28°27	16°38	5°33	18°56	18°47	1°20	0°15	21°58	n.a.	S 8
M 9	4 3 6	1°42'23	1♒34	11°24	17°36	7°42	28°21	16°38	5°32	18°56	18°45	1°15	0°12	22° 5	n.a.	M 9
T 10	4 7 2	2°43'29	13°32	12°49	18°51	8°23	28°15	16°39	5°30	18°56	18°44	1°12	0° 9	22°11	n.a.	T 10
W11	4 10 59	3°44'34	25°24	14°14	20° 7	9° 4	28° 8	16°40	5°29	18°56	18°43	1°10	0° 5	22°18	n.a.	W11
T 12	4 14 55	4°45'37	7♓16	15°40	21°22	9°45	28° 1	16°40	5°28	18°56	18°41	1°D10	0° 2	22°25	n.a.	T 12
F 13	4 18 52	5°46'39	19°12	17° 7	22°37	10°26	27°54	16°41	5°28	18°56	18°40	1°11	29♎59	22°31	n.a.	F 13
S 14	4 22 48	6°47'39	1♈17	18°34	23°52	11° 8	27°48	16°42	5°27	18°56	18°39	1°12	29°56	22°38	n.a.	S 14
S 15	4 26 45	7°48'38	13°36	20° 3	25° 7	11°49	27°41	16°43	5°26	18°55	18°37	1°14	29°53	22°45	n.a.	S 15
M16	4 30 42	8°49'36	26°14	21°32	26°22	12°30	27°33	16°45	5°25	18°55	18°36	1°R15	29°49	22°52	n.a.	M16
T 17	4 34 38	9°50'31	9♉13	23° 2	27°37	13°11	27°26	16°46	5°24	18°55	18°34	1°15	29°46	22°58	n.a.	T 17
W18	4 38 35	10°51'26	22°35	24°32	28°52	13°52	27°19	16°47	5°24	18°54	18°33	1°13	29°43	23° 5	n.a.	W18
T 19	4 42 31	11°52'19	6♊19	26° 4	0♐ 7	14°33	27°12	16°49	5°23	18°54	18°32	1° 9	29°40	23°12	n.a.	T 19
F 20	4 46 28	12°53'11	20°24	27°36	1°22	15°14	27° 4	16°51	5°23	18°54	18°30	1° 3	29°37	23°18	n.a.	F 20
S 21	4 50 24	13°54'01	4♋43	29° 9	2°37	15°55	26°57	16°53	5°22	18°53	18°29	0°57	29°34	23°25	n.a.	S 21
S 22	4 54 21	14°54'50	19°13	0♐43	3°53	16°36	26°49	16°54	5°22	18°53	18°27	0°49	29°30	23°32	n.a.	S 22
M23	4 58 18	15°55'38	3♌45	2°17	5° 8	17°16	26°41	16°56	5°21	18°52	18°26	0°43	29°27	23°39	n.a.	M23
T 24	5 2 14	16°56'24	18°14	3°52	6°23	17°57	26°34	16°59	5°21	18°52	18°25	0°38	29°24	23°45	n.a.	T 24
W25	5 6 11	17°57'09	2♍35	5°28	7°38	18°38	26°26	17° 1	5°20	18°51	18°23	0°34	29°21	23°52	n.a.	W25
T 26	5 10 7	18°57'52	16°45	7° 5	8°53	19°19	26°18	17° 3	5°20	18°50	18°22	0°D33	29°18	23°59	n.a.	T 26
F 27	5 14 4	19°58'35	0♎43	8°42	10° 8	20° 0	26°10	17° 6	5°20	18°50	18°20	0°34	29°15	24° 5	n.a.	F 27
S 28	5 18 0	20°59'16	14°28	10°21	11°22	20°41	26° 2	17° 8	5°20	18°49	18°19	0°35	29°11	24°12	n.a.	S 28
S 29	5 21 57	21°59'56	28° 0	12° 0	12°37	21°22	25°55	17°11	5°20	18°48	18°18	0°R36	29° 8	24°19	n.a.	S 29
M30	5 25 53	23° 0'34	11♏21	13°40	13°52	22° 2	25°47	17°14	5°D20	18°48	18°16	0°35	29° 5	24°25	n.a.	M30
T 31	5 29 50	24♐ 1'11	24♏31	15♐21	15♐ 7	22♒43	25♊39	17♓17	5♈20	18♑47	18♊15	0♏32	29♎ 2	24♒32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19s 2	8s18	1s15	10s40	1n25	13s42	0n39	21s10	1s 8	24n37	0n42	7s53	2s44	1n45	0s36	16n59	1n37	30n 5	6n40	12s17	11s55	10s10			n.a.
M 2	19 18	12 17	0 0	11 14	1 17	14 9	0 37	21 0	1 7	24 37	0 42	7 53	2 44	1 45	0 36	16 59	1 37	30 5	6 40	12 17	11 54	10 8			n.a.
T 3	19 33	15 33	1n14	11 48	1 9	14 36	0 34	20 49	1 6	24 38	0 43	7 53	2 44	1 44	0 36	16 59	1 37	30 5	6 40	12 17	11 53	10 6			n.a.
W 4	19 47	17 56	2 23	12 22	1 1	15 2	0 32	20 38	1 5	24 38	0 43	7 53	2 43	1 44	0 36	16 59	1 37	30 5	6 40	12 17	11 52	10 4			n.a.
T 5	20 2	19 18	3 22	12 57	0 53	15 28	0 30	20 26	1 4	24 38	0 43	7 53	2 43	1 43	0 36	16 59	1 37	30 5	6 40	12 15	11 51	10 3			n.a.
F 6	20 16	19 38	4 11	13 31	0 45	15 53	0 27	20 15	1 3	24 38	0 43	7 52	2 43	1 43	0 36	16 59	1 37	30 5	6 40	12 14	11 49	10 1			n.a.
S 7	20 29	18 59	4 45	14 5	0 37	16 18	0 25	20 3	1 1	24 38	0 43	7 52	2 42	1 42	0 36	16 59	1 37	30 5	6 40	12 12	11 48	9 59			n.a.
S 8	20 42	17 26	5 6	14 39	0 29	16 42	0 22	19 52	1 0	24 38	0 44	7 52	2 42	1 42	0 36	16 59	1 37	30 5	6 41	12 10	11 47	9 57			n.a.
M 9	20 55	15 8	5 13	15 13	0 21	17 6	0 20	19 40	0 59	24 39	0 44	7 51	2 42	1 41	0 36	16 59	1 37	30 5	6 41	12 9	11 46	9 55			n.a.
T 10	21 7	12 13	5 6	15 47	0 14	17 30	0 17	19 28	0 58	24 39	0 44	7 51	2 42	1 41	0 36	16 59	1 37	30 5	6 41	12 8	11 45	9 53			n.a.
W11	21 19	8 50	4 45	16 20	0 6	17 53	0 15	19 16	0 57	24 39	0 44	7 50	2 41	1 41	0 36	16 59	1 37	30 5	6 41	12 7	11 44	9 51			n.a.
T 12	21 31	5 7	4 13	16 53	0s 1	18 16	0 13	19 4	0 56	24 39	0 44	7 49	2 41	1 40	0 36	16 59	1 37	30 5	6 41	12 7	11 43	9 50			n.a.
F 13	21 42	1 10	3 29	17 25	0 9	18 38	0 10	18 51	0 55	24 39	0 45	7 49	2 41	1 40	0 36	17 0	1 38	30 5	6 41	12 7	11 42	9 48			n.a.
S 14	21 53	2n54	2 36	17 57	0 16	19 0	0 8	18 39	0 54	24 39	0 45	7 48	2 40	1 40	0 36	17 0	1 38	30 5	6 41	12 8	11 40	9 46			n.a.
S 15	22 3	6 55	1 35	18 29	0 23	19 21	0 5	18 26	0 53	24 39	0 45	7 47	2 40	1 39	0 36	17 0	1 38	30 5	6 41	12 8	11 39	9 44			n.a.
M16	22 13	10 45	0 27	18 59	0 30	19 41	0 3	18 13	0 52	24 39	0 45	7 47	2 40	1 39	0 36	17 0	1 38	30 5	6 42	12 9	11 38	9 42			n.a.
T 17	22 22	14 10	0s43	19 29	0 36	20 1	0 0	18 0	0 51	24 39	0 45	7 46	2 39	1 39	0 36	17 0	1 38	30 5	6 42	12 9	11 37	9 40			n.a.
W18	22 31	16 58	1 53	19 59	0 43	20 21	0s 2	17 47	0 50	24 39	0 46	7 45	2 39	1 39	0 36	17 0	1 38	30 5	6 42	12 8	11 36	9 38			n.a.
T 19	22 40	18 52	2 59	20 27	0 49	20 40	0 4	17 34	0 48	24 39	0 46	7 44	2 39	1 38	0 35	17 0	1 38	30 5	6 42	12 7	11 35	9 36			n.a.
F 20	22 48	19 40	3 55	20 55	0 55	20 58	0 7	17 21	0 47	24 39	0 46	7 43	2 38	1 38	0 35	17 1	1 38	30 5	6 42	12 4	11 34	9 35			n.a.
S 21	22 56	19 13	4 37	21 22	1 1	21 15	0 9	17 8	0 46	24 39	0 46	7 42	2 38	1 38	0 35	17 1	1 38	30 5	6 42	12 2	11 32	9 33			n.a.
S 22	23 3	17 32	5 2	21 48	1 7	21 32	0 12	16 54	0 45	24 39	0 46	7 41	2 38	1 38	0 35	17 1	1 38	30 5	6 42	11 59	11 31	9 31			n.a.
M23	23 10	14 43	5 8	22 13	1 12	21 49	0 14	16 40	0 44	24 39	0 47	7 40	2 38	1 38	0 35	17 1	1 38	30 5	6 42	11 57	11 30	9 29			n.a.
T 24	23 16	11 1	4 54	22 37	1 18	22 5	0 16	16 27	0 43	24 39	0 47	7 39	2 37	1 38	0 35	17 1	1 38	30 5	6 42	11 55	11 29	9 27			n.a.
W25	23 22	6 42	4 22	23 0	1 23	22 20	0 19	16 13	0 42	24 39	0 47	7 38	2 37	1 38	0 35	17 2	1 38	30 5	6 42	11 54	11 28	9 25			n.a.
T 26	23 27	2 3	3 34	23 22	1 27	22 34	0 21	15 59	0 41	24 39	0 47	7 36	2 37	1 37	0 35	17 2	1 38	30 5	6 43	11 54	11 27	9 23			n.a.
F 27	23 32	2s38	2 34	23 43	1 32	22 48	0 23	15 45	0 40	24 39	0 47	7 35	2 36	1 37	0 35	17 2	1 38	30 5	6 43	11 54	11 26	9 21			n.a.
S 28	23 37	7 8	1 26	24 2	1 36	23 1	0 26	15 31	0 39	24 39	0 47	7 34	2 36	1 37	0 35	17 2	1 38	30 5	6 43	11 54	11 24	9 20			n.a.
S 29	23 40	11 12	0 14	24 20	1 40	23 14	0 28	15 16	0 38	24 39	0 48	7 33	2 36	1 37	0 35	17 3	1 38	30 5	6 43	11 55	11 23	9 18			n.a.
M30	23 44	14 38	0n58	24 37	1 43	23 25	0 30	15 2	0 37	24 39	0 48	7 31	2 35	1 37	0 35	17 3	1 39	30 5	6 43	11 54	11 22	9 16			n.a.
T 31	23s47	17s16	2n 5	24s52	1s47	23s36	0s32	14s47	0s36	24n39	0n48	7s30	2s35	1n37	0s35	17n 3	1n39	30n 5	6n43	11s53	11s21	9s14			n.a.

Julian Day Number = 988335.5, Delta T = 13h05m30s
Ecliptic obliquity = 23°55'22, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'38, Lahiri = -31°37'38 Julian Calendar 1 Dec. 2008 BCE == Greg. Calendar 14 Nov. 2008 BCE

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

JANUARY 2007 BCE (-2006) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 33 47	25♐ 1'46	7♐30	17♐ 3	16♐22	23♒24	25°R31	17♓20	5♈20	18°R46	18°R13	0°R27	28♎59	24♒39	n.a.	W 1
T 2	5 37 43	26° 2'19	20°17	18°45	17°37	24° 5	25♊23	17°23	5°20	18♌45	18♊12	0♏19	28°55	24°46	n.a.	T 2
F 3	5 41 40	27° 2'51	2♑53	20°29	18°52	24°46	25°15	17°26	5°20	18°44	18°11	0° 9	28°52	24°52	n.a.	F 3
S 4	5 45 36	28° 3'21	15°18	22°13	20° 7	25°26	25° 7	17°29	5°20	18°44	18° 9	29♎58	28°49	24°59	n.a.	S 4
S 5	5 49 33	29° 3'49	27°31	23°59	21°22	26° 7	24°59	17°33	5°21	18°43	18° 8	29°47	28°46	25° 6	n.a.	S 5
M 6	5 53 29	0♑ 4'15	9♒35	25°45	22°37	26°48	24°51	17°36	5°21	18°42	18° 6	29°36	28°43	25°12	n.a.	M 6
T 7	5 57 26	1° 4'39	21°31	27°32	23°51	27°28	24°43	17°40	5°21	18°41	18° 5	29°27	28°40	25°19	n.a.	T 7
W 8	6 1 22	2° 5'00	3♓22	29°20	25° 6	28° 9	24°35	17°43	5°22	18°40	18° 4	29°20	28°36	25°26	n.a.	W 8
T 9	6 5 19	3° 5'20	15°11	1♑ 9	26°21	28°50	24°28	17°47	5°22	18°39	18° 2	29°16	28°33	25°33	n.a.	T 9
F 10	6 9 16	4° 5'37	27° 5	2°59	27°36	29°30	24°20	17°51	5°23	18°38	18° 1	29°14	28°30	25°39	n.a.	F 10
S 11	6 13 12	5° 5'52	9♈ 7	4°50	28°51	0♓11	24°12	17°55	5°23	18°37	18° 0	29°D14	28°27	25°46	n.a.	S 11
S 12	6 17 9	6° 6'05	21°23	6°42	0♑ 5	0°51	24° 5	17°59	5°24	18°36	17°58	29°15	28°24	25°53	n.a.	S 12
M13	6 21 5	7° 6'16	3♉59	8°35	1°20	1°32	23°57	18° 3	5°25	18°34	17°57	29°R15	28°21	25°59	n.a.	M13
T 14	6 25 2	8° 6'24	16°58	10°28	2°35	2°13	23°49	18° 7	5°25	18°33	17°56	29°13	28°17	26° 6	n.a.	T 14
W15	6 28 58	9° 6'30	0♊25	12°22	3°50	2°53	23°42	18°12	5°26	18°32	17°54	29°10	28°14	26°13	n.a.	W15
T 16	6 32 55	10° 6'34	14°19	14°17	5° 4	3°33	23°35	18°16	5°27	18°31	17°53	29° 3	28°11	26°20	n.a.	T 16
F 17	6 36 51	11° 6'36	28°40	16°13	6°19	4°14	23°27	18°21	5°28	18°30	17°52	28°54	28° 8	26°26	n.a.	F 17
S 18	6 40 48	12° 6'36	13♋21	18° 8	7°34	4°54	23°20	18°25	5°29	18°29	17°50	28°44	28° 5	26°33	n.a.	S 18
S 19	6 44 45	13° 6'33	28°17	20° 4	8°48	5°35	23°13	18°30	5°30	18°27	17°49	28°33	28° 1	26°40	n.a.	S 19
M20	6 48 41	14° 6'29	13♌16	22° 0	10° 3	6°15	23° 6	18°35	5°31	18°26	17°48	28°22	27°58	26°46	n.a.	M20
T 21	6 52 38	15° 6'22	28°11	23°56	11°17	6°55	22°59	18°40	5°32	18°25	17°47	28°14	27°55	26°53	n.a.	T 21
W22	6 56 34	16° 6'13	12♍52	25°52	12°32	7°36	22°52	18°45	5°33	18°23	17°45	28° 8	27°52	27° 0	n.a.	W22
T 23	7 0 31	17° 6'03	27°15	27°47	13°47	8°16	22°46	18°50	5°35	18°22	17°44	28° 4	27°49	27° 7	n.a.	T 23
F 24	7 4 27	18° 5'51	11♎17	29°40	15° 1	8°56	22°39	18°55	5°36	18°21	17°43	28° 3	27°46	27°13	n.a.	F 24
S 25	7 8 24	19° 5'37	24°59	1♒33	16°16	9°37	22°33	19° 0	5°37	18°19	17°42	28° 3	27°42	27°20	n.a.	S 25
S 26	7 12 20	20° 5'21	8♏22	3°23	17°30	10°17	22°26	19° 5	5°38	18°18	17°41	28° 3	27°39	27°27	n.a.	S 26
M27	7 16 17	21° 5'03	21°28	5°12	18°45	10°57	22°20	19°11	5°40	18°17	17°39	28° 1	27°36	27°33	n.a.	M27
T 28	7 20 13	22° 4'43	4♐20	6°58	20° 0	11°37	22°14	19°16	5°41	18°15	17°38	27°57	27°33	27°40	n.a.	T 28
W29	7 24 10	23° 4'21	16°59	8°40	21°14	12°17	22° 8	19°22	5°43	18°14	17°37	27°50	27°30	27°47	n.a.	W29
T 30	7 28 7	24° 3'58	29°29	10°19	22°29	12°58	22° 2	19°27	5°44	18°12	17°36	27°40	27°27	27°53	n.a.	T 30
F 31	7 32 3	25♑ 3'32	11♑49	11♒54	23♑43	13♓38	21♊56	19♓33	5♈46	18♌11	17♊35	27♎27	27♎23	28♒ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23 s50	18 s58	3n 4	25 s 5	1 s49	23 s47	0 s34	14 s33	0 s35	24n39	0n48	7 s28	2 s35	1n38	0 s35	17n 4	1n39	30n 5	6n43	11 s52	11 s20	9 s12			n.a.
T 2	23 52	19 40	3 54	25 18	1 52	23 56	0 37	14 18	0 35	24 39	0 48	7 27	2 35	1 38	0 35	17 4	1 39	30 4	6 43	11 49	11 19	9 10			n.a.
F 3	23 53	19 23	4 31	25 28	1 54	24 5	0 39	14 3	0 34	24 38	0 48	7 25	2 34	1 38	0 35	17 4	1 39	30 4	6 43	11 45	11 17	9 8			n.a.
S 4	23 54	18 9	4 54	25 37	1 56	24 13	0 41	13 49	0 33	24 38	0 48	7 24	2 34	1 38	0 35	17 5	1 39	30 4	6 43	11 41	11 16	9 6			n.a.
S 5	23 55	16 7	5 4	25 44	1 57	24 21	0 43	13 34	0 32	24 38	0 49	7 22	2 34	1 38	0 35	17 5	1 39	30 4	6 43	11 37	11 15	9 5			n.a.
M 6	23 55	13 24	4 59	25 49	1 58	24 27	0 45	13 19	0 31	24 38	0 49	7 20	2 33	1 38	0 35	17 5	1 39	30 4	6 43	11 33	11 14	9 3			n.a.
T 7	23 55	10 10	4 42	25 53	1 59	24 33	0 47	13 4	0 30	24 38	0 49	7 19	2 33	1 38	0 35	17 6	1 39	30 4	6 43	11 30	11 13	9 1			n.a.
W 8	23 54	6 34	4 13	25 54	1 59	24 38	0 49	12 48	0 29	24 37	0 49	7 17	2 33	1 39	0 35	17 6	1 39	30 4	6 43	11 28	11 12	8 59			n.a.
T 9	23 53	2 42	3 32	25 53	1 58	24 43	0 51	12 33	0 28	24 37	0 49	7 15	2 32	1 39	0 35	17 6	1 39	30 4	6 43	11 26	11 11	8 57			n.a.
F 10	23 51	1n18	2 43	25 51	1 57	24 46	0 52	12 18	0 27	24 37	0 49	7 13	2 32	1 39	0 35	17 7	1 39	30 4	6 43	11 25	11 9	8 55			n.a.
S 11	23 49	5 17	1 45	25 46	1 56	24 49	0 54	12 2	0 26	24 37	0 49	7 12	2 32	1 39	0 35	17 7	1 39	30 4	6 43	11 25	11 8	8 53			n.a.
S 12	23 47	9 9	0 42	25 39	1 54	24 51	0 56	11 47	0 25	24 37	0 49	7 10	2 32	1 40	0 35	17 8	1 39	30 3	6 43	11 26	11 7	8 51			n.a.
M13	23 44	12 42	0 s25	25 29	1 51	24 53	0 58	11 31	0 24	24 36	0 49	7 8	2 31	1 40	0 35	17 8	1 39	30 3	6 43	11 26	11 6	8 49			n.a.
T 14	23 40	15 46	1 33	25 18	1 48	24 53	0 59	11 16	0 24	24 36	0 50	7 6	2 31	1 40	0 35	17 8	1 39	30 3	6 43	11 25	11 5	8 48			n.a.
W15	23 36	18 5	2 38	25 4	1 45	24 53	1 1	11 0	0 23	24 36	0 50	7 4	2 31	1 41	0 34	17 9	1 39	30 3	6 43	11 24	11 4	8 46			n.a.
T 16	23 32	19 25	3 35	24 48	1 40	24 52	1 3	10 44	0 22	24 35	0 50	7 2	2 31	1 41	0 34	17 9	1 39	30 3	6 43	11 21	11 2	8 44			n.a.
F 17	23 27	19 34	4 21	24 29	1 35	24 50	1 4	10 29	0 21	24 35	0 50	7 0	2 30	1 41	0 34	17 10	1 39	30 3	6 43	11 18	11 1	8 42			n.a.
S 18	23 21	18 25	4 51	24 9	1 30	24 48	1 6	10 13	0 20	24 35	0 50	6 58	2 30	1 42	0 34	17 10	1 40	30 3	6 43	11 14	11 0	8 40			n.a.
S 19	23 16	16 0	5 1	23 46	1 23	24 44	1 7	9 57	0 19	24 35	0 50	6 56	2 30	1 42	0 34	17 10	1 40	30 3	6 43	11 10	10 59	8 38			n.a.
M20	23 9	12 31	4 51	23 20	1 16	24 40	1 9	9 41	0 18	24 34	0 50	6 53	2 30	1 43	0 34	17 11	1 40	30 2	6 43	11 7	10 58	8 36			n.a.
T 21	23 3	8 16	4 22	22 53	1 9	24 35	1 10	9 25	0 18	24 34	0 50	6 51	2 29	1 43	0 34	17 11	1 40	30 2	6 43	11 3	10 57	8 34			n.a.
W22	22 56	3 34	3 35	22 23	1 0	24 30	1 11	9 9	0 17	24 34	0 50	6 49	2 29	1 44	0 34	17 12	1 40	30 2	6 43	11 1	10 56	8 32			n.a.
T 23	22 48	1 s15	2 35	21 52	0 51	24 24	1 12	8 53	0 16	24 33	0 50	6 47	2 29	1 44	0 34	17 12	1 40	30 2	6 43	11 0	10 54	8 31			n.a.
F 24	22 40	5 53	1 28	21 18	0 42	24 16	1 14	8 37	0 15	24 33	0 50	6 44	2 29	1 45	0 34	17 13	1 40	30 2	6 43	11 0	10 53	8 29			n.a.
S 25	22 32	10 7	0 16	20 43	0 31	24 9	1 15	8 20	0 14	24 33	0 50	6 42	2 28	1 45	0 34	17 13	1 40	30 2	6 43	11 0	10 52	8 27			n.a.
S 26	22 23	13 43	0n54	20 7	0 20	24 0	1 16	8 4	0 13	24 32	0 50	6 40	2 28	1 46	0 34	17 14	1 40	30 2	6 43	10 59	10 51	8 25			n.a.
M27	22 14	16 33	2 0	19 30	0 9	23 51	1 17	7 48	0 13	24 32	0 50	6 37	2 28	1 46	0 34	17 14	1 40	30 2	6 43	10 59	10 50	8 23			n.a.
T 28	22 4	18 30	2 59	18 51	0n 3	23 41	1 18	7 32	0 12	24 32	0 51	6 35	2 28	1 47	0 34	17 15	1 40	30 1	6 43	10 57	10 49	8 21			n.a.
W29	21 54	19 30	3 48	18 12	0 16	23 30	1 19	7 15	0 11	24 32	0 51	6 33	2 27	1 48	0 34	17 15	1 40	30 1	6 43	10 55	10 47	8 19			n.a.
T 30	21 44	19 31	4 25	17 33	0 29	23 19	1 19	6 59	0 10	24 31	0 51	6 30	2 27	1 48	0 34	17 16	1 40	30 1	6 43	10 51	10 46	8 17			n.a.
F 31	21 s33	18 s36	4n49	16 s53	0n42	23 s 6	1 s20	6 s42	0 s 9	24n31	0n51	6 s28	2 s27	1n49	0 s34	17n16	1n40	30n 1	6n43	10 s47	10 s45	8 s15			n.a.

Julian Day Number = 988366.5, Delta T = 13h05m28s
Ecliptic obliquity = 23°55'21, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'34, Lahiri = -31°37'34 Julian Calendar 1 Jan. 2007 BCE == Greg. Calendar 15 Dec. 2008 BCE

The year -2006 astronomical counting style corresponds to year 2007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

FEBRUARY 2007 BCE (-2006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 36 0	26♉ 3'04	24♉ 1	13♒24	24♉58	14♓18	21°R51	19♓39	5♈48	18°R 9	17°R34	27°R13	27♎20	28♒ 7	n.a.	S 1
S 2	7 39 56	27° 2'34	6♒ 5	14°50	26°12	14°58	21♊46	19°44	5°49	18♌ 8	17♊33	26♎59	27°17	28°14	n.a.	S 2
M 3	7 43 53	28° 2'01	18° 3	16° 9	27°26	15°38	21°40	19°50	5°51	18° 6	17°32	26°45	27°14	28°20	n.a.	M 3
T 4	7 47 49	29° 1'26	29°55	17°23	28°41	16°18	21°35	19°56	5°53	18° 5	17°31	26°33	27°11	28°27	n.a.	T 4
W 5	7 51 46	0♒ 0'49	11♓44	18°30	29°55	16°58	21°30	20° 2	5°55	18° 3	17°30	26°24	27° 7	28°34	n.a.	W 5
T 6	7 55 42	1° 0'09	23°33	19°31	1♒10	17°38	21°26	20° 8	5°57	18° 2	17°29	26°17	27° 4	28°40	n.a.	T 6
F 7	7 59 39	1°59'27	5♈26	20°25	2°24	18°18	21°21	20°14	5°58	18° 0	17°28	26°14	27° 1	28°47	n.a.	F 7
S 8	8 3 35	2°58'43	17°26	21°12	3°39	18°58	21°17	20°21	6° 0	17°59	17°27	26°12	26°58	28°54	n.a.	S 8
S 9	8 7 32	3°57'56	29°40	21°51	4°53	19°38	21°12	20°27	6° 2	17°57	17°26	26°12	26°55	29° 0	n.a.	S 9
M10	8 11 29	4°57'06	12♉11	22°23	6° 7	20°18	21° 8	20°33	6° 4	17°56	17°25	26°12	26°52	29° 7	n.a.	M10
T 11	8 15 25	5°56'14	25° 6	22°47	7°22	20°57	21° 4	20°39	6° 7	17°54	17°24	26°11	26°48	29°14	n.a.	T 11
W12	8 19 22	6°55'20	8♊28	23° 4	8°36	21°37	21° 1	20°46	6° 9	17°52	17°24	26° 8	26°45	29°21	n.a.	W12
T 13	8 23 18	7°54'23	22°21	23°13	9°50	22°17	20°57	20°52	6°11	17°51	17°23	26° 2	26°42	29°27	n.a.	T 13
F 14	8 27 15	8°53'24	6♋43	23°R15	11° 4	22°57	20°54	20°59	6°13	17°49	17°22	25°54	26°39	29°34	n.a.	F 14
S 15	8 31 11	9°52'22	21°31	23°10	12°19	23°37	20°50	21° 6	6°15	17°47	17°21	25°44	26°36	29°41	n.a.	S 15
S 16	8 35 8	10°51'18	6♌38	22°57	13°33	24°16	20°47	21°12	6°18	17°46	17°20	25°33	26°32	29°47	n.a.	S 16
M17	8 39 4	11°50'12	21°53	22°39	14°47	24°56	20°45	21°19	6°20	17°44	17°20	25°23	26°29	29°54	n.a.	M17
T 18	8 43 1	12°49'03	7♍ 7	22°14	16° 1	25°36	20°42	21°26	6°22	17°43	17°19	25°14	26°26	0♓ 1	n.a.	T 18
W19	8 46 57	13°47'53	22° 7	21°44	17°16	26°15	20°39	21°33	6°25	17°41	17°18	25° 8	26°23	0° 8	n.a.	W19
T 20	8 50 54	14°46'40	6♎48	21° 9	18°30	26°55	20°37	21°39	6°27	17°39	17°18	25° 5	26°20	0°14	n.a.	T 20
F 21	8 54 51	15°45'26	21° 4	20°30	19°44	27°35	20°35	21°46	6°30	17°38	17°17	25°D 4	26°17	0°21	n.a.	F 21
S 22	8 58 47	16°44'09	4♏53	19°48	20°58	28°14	20°33	21°53	6°32	17°36	17°16	25° 4	26°13	0°28	n.a.	S 22
S 23	9 2 44	17°42'51	18°19	19° 3	22°12	28°54	20°31	22° 0	6°35	17°34	17°16	25°R 4	26°10	0°34	n.a.	S 23
M24	9 6 40	18°41'31	1♐22	18°18	23°26	29°33	20°30	22° 7	6°37	17°33	17°15	25° 3	26° 7	0°41	n.a.	M24
T 25	9 10 37	19°40'10	14° 6	17°31	24°40	0♈13	20°28	22°14	6°40	17°31	17°15	25° 1	26° 4	0°48	n.a.	T 25
W26	9 14 33	20°38'46	26°36	16°45	25°55	0°52	20°27	22°21	6°42	17°29	17°14	24°55	26° 1	0°54	n.a.	W26
T 27	9 18 30	21°37'20	8♑53	16° 0	27° 9	1°32	20°26	22°29	6°45	17°28	17°14	24°48	25°58	1° 1	n.a.	T 27
F 28	9 22 26	22♒35'53	21♑ 1	15♒17	28♒23	2♈11	20♊25	22♓36	6♈48	17♌26	17♊13	24♎38	25♎54	1♓ 8	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s22	16s50	4n59	16s14	0n56	22s54	1s21	6s26	0s 9	24n31	0n51	6s25	2s27	1n50	0s34	17n17	1n40	30n 1	6n43	10s41	10s44	8s13		n.a.
S 2	21 10	14 21	4 56	15 36	1 10	22 40	1 22	6 10	0 8	24 30	0 51	6 23	2 26	1 50	0 34	17 17	1 40	30 1	6 43	10 36	10 43	8 12		n.a.
M 3	20 58	11 18	4 40	14 59	1 24	22 26	1 22	5 53	0 7	24 30	0 51	6 20	2 26	1 51	0 34	17 18	1 40	30 1	6 43	10 31	10 42	8 10		n.a.
T 4	20 46	7 49	4 11	14 23	1 38	22 11	1 23	5 37	0 6	24 30	0 51	6 18	2 26	1 52	0 34	17 18	1 40	30 0	6 43	10 27	10 40	8 8		n.a.
W 5	20 33	4 3	3 32	13 49	1 51	21 56	1 23	5 20	0 6	24 29	0 51	6 15	2 26	1 53	0 34	17 19	1 40	30 0	6 43	10 23	10 39	8 6		n.a.
T 6	20 20	0 7	2 43	13 17	2 5	21 40	1 24	5 3	0 5	24 29	0 51	6 12	2 26	1 54	0 34	17 19	1 40	30 0	6 43	10 21	10 38	8 4		n.a.
F 7	20 7	3n50	1 48	12 48	2 18	21 23	1 24	4 47	0 4	24 29	0 51	6 10	2 25	1 54	0 34	17 20	1 40	30 0	6 43	10 19	10 37	8 2		n.a.
S 8	19 53	7 41	0 46	12 21	2 30	21 6	1 24	4 30	0 3	24 28	0 51	6 7	2 25	1 55	0 34	17 20	1 40	30 0	6 43	10 19	10 36	8 0		n.a.
S 9	19 39	11 18	0s18	11 57	2 42	20 48	1 24	4 14	0 3	24 28	0 51	6 4	2 25	1 56	0 34	17 21	1 40	30 0	6 43	10 19	10 35	7 58		n.a.
M10	19 25	14 29	1 24	11 36	2 54	20 29	1 25	3 57	0 2	24 28	0 51	6 2	2 25	1 57	0 34	17 21	1 40	29 59	6 43	10 19	10 33	7 56		n.a.
T 11	19 10	17 3	2 27	11 18	3 4	20 10	1 25	3 40	0 1	24 28	0 51	5 59	2 25	1 58	0 34	17 22	1 40	29 59	6 43	10 18	10 32	7 54		n.a.
W12	18 55	18 48	3 24	11 3	3 14	19 50	1 25	3 24	0 0	24 27	0 51	5 56	2 24	1 59	0 33	17 22	1 40	29 59	6 42	10 17	10 31	7 53		n.a.
T 13	18 40	19 31	4 11	10 52	3 22	19 30	1 25	3 7	0n 0	24 27	0 51	5 53	2 24	1 59	0 33	17 23	1 40	29 59	6 42	10 15	10 30	7 51		n.a.
F 14	18 24	19 0	4 45	10 45	3 29	19 9	1 25	2 50	0 1	24 27	0 51	5 51	2 24	2 0	0 33	17 23	1 40	29 59	6 42	10 12	10 29	7 49		n.a.
S 15	18 8	17 13	5 1	10 41	3 35	18 48	1 24	2 34	0 2	24 27	0 51	5 48	2 24	2 1	0 33	17 24	1 40	29 59	6 42	10 8	10 28	7 47		n.a.
S 16	17 52	14 13	4 56	10 41	3 40	18 26	1 24	2 17	0 2	24 26	0 51	5 45	2 24	2 2	0 33	17 24	1 40	29 59	6 42	10 4	10 26	7 45		n.a.
M17	17 35	10 14	4 30	10 45	3 42	18 4	1 24	2 0	0 3	24 26	0 51	5 42	2 24	2 3	0 33	17 25	1 40	29 58	6 42	10 1	10 25	7 43		n.a.
T 18	17 18	5 36	3 45	10 51	3 44	17 41	1 24	1 44	0 4	24 26	0 51	5 39	2 23	2 4	0 33	17 25	1 40	29 58	6 42	9 57	10 24	7 41		n.a.
W19	17 1	0 40	2 45	11 2	3 43	17 18	1 23	1 27	0 5	24 26	0 51	5 36	2 23	2 5	0 33	17 26	1 40	29 58	6 42	9 55	10 23	7 39		n.a.
T 20	16 44	4s12	1 35	11 15	3 41	16 54	1 23	1 10	0 5	24 26	0 51	5 33	2 23	2 6	0 33	17 27	1 40	29 58	6 42	9 54	10 22	7 37		n.a.
F 21	16 26	8 42	0 21	11 31	3 38	16 29	1 22	0 54	0 6	24 26	0 51	5 30	2 23	2 7	0 33	17 27	1 40	29 58	6 42	9 53	10 21	7 35		n.a.
S 22	16 8	12 36	0n52	11 49	3 32	16 5	1 22	0 37	0 7	24 25	0 51	5 28	2 23	2 8	0 33	17 28	1 41	29 58	6 42	9 53	10 19	7 33		n.a.
S 23	15 50	15 42	2 0	12 10	3 25	15 40	1 21	0 20	0 7	24 25	0 51	5 25	2 23	2 9	0 33	17 28	1 41	29 58	6 42	9 54	10 18	7 32		n.a.
M24	15 32	17 54	3 1	12 32	3 17	15 14	1 20	0 4	0 8	24 25	0 51	5 22	2 22	2 10	0 33	17 29	1 41	29 57	6 42	9 53	10 17	7 30		n.a.
T 25	15 13	19 9	3 50	12 56	3 7	14 48	1 19	0n13	0 9	24 25	0 51	5 19	2 22	2 11	0 33	17 29	1 41	29 57	6 41	9 52	10 16	7 28		n.a.
W26	14 54	19 25	4 28	13 21	2 55	14 22	1 19	0 30	0 9	24 25	0 51	5 16	2 22	2 13	0 33	17 30	1 41	29 57	6 41	9 50	10 15	7 26		n.a.
T 27	14 35	18 46	4 52	13 46	2 43	13 55	1 18	0 46	0 10	24 25	0 51	5 13	2 22	2 14	0 33	17 30	1 41	29 57	6 41	9 47	10 13	7 24		n.a.
F 28	14s15	17s15	5n 3	14s12	2n29	13s28	1s17	1n 3	0n11	24n25	0n51	5s10	2s22	2n15	0s33	17n31	1n41	29n57	6n41	9s44	10s12	7s22		n.a.

Julian Day Number = 988397.5, Delta T = 13h05m26s
Ecliptic obliquity = 23°55'21, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'30, Lahiri = -31°37'29 Julian Calendar 1 Feb. 2007 BCE == Greg. Calendar 15 Jan. 2007 BCE

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

MARCH 2007 BCE (-2006) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 26 23	23♒34'24	3♒ 3	14°R37	29♒37	2♈51	20°R25	22♓43	6♈51	17°R25	17°R13	24°R27	25♎51	1♓14	n.a.	S 1
S 2	9 30 19	24°32'52	14°59	14♒ 0	0♓51	3°30	20♊24	22°50	6°53	17♌23	17♊12	24♎15	25°48	1°21	n.a.	S 2
M 3	9 34 16	25°31'19	26°51	13°27	2° 5	4° 9	20°24	22°58	6°56	17°21	17°12	24° 4	25°45	1°28	n.a.	M 3
T 4	9 38 13	26°29'43	8♓41	12°58	3°19	4°49	20°D24	23° 5	6°59	17°20	17°12	23°54	25°42	1°35	n.a.	T 4
W 5	9 42 9	27°28'06	20°31	12°34	4°33	5°28	20°24	23°13	7° 2	17°18	17°11	23°47	25°38	1°41	n.a.	W 5
T 6	9 46 6	28°26'26	2♈22	12°14	5°47	6° 7	20°24	23°20	7° 5	17°16	17°11	23°42	25°35	1°48	n.a.	T 6
F 7	9 50 2	29°24'44	14°18	11°59	7° 1	6°47	20°25	23°27	7° 8	17°15	17°11	23°40	25°32	1°55	n.a.	F 7
S 8	9 53 59	0♓23'00	26°21	11°50	8°15	7°26	20°26	23°35	7°11	17°13	17°10	23°D39	25°29	2° 1	n.a.	S 8
S 9	9 57 55	1°21'14	8♉36	11°D45	9°29	8° 5	20°26	23°42	7°14	17°12	17°10	23°40	25°26	2° 8	n.a.	S 9
M10	10 1 52	2°19'26	21° 7	11°45	10°43	8°44	20°27	23°50	7°17	17°10	17°10	23°41	25°23	2°15	n.a.	M10
T 11	10 5 48	3°17'35	3♊59	11°51	11°56	9°24	20°29	23°58	7°20	17° 9	17°10	23°R42	25°19	2°21	n.a.	T 11
W12	10 9 45	4°15'43	17°16	12° 1	13°10	10° 3	20°30	24° 5	7°23	17° 7	17°10	23°41	25°16	2°28	n.a.	W12
T 13	10 13 41	5°13'48	1♋ 0	12°16	14°24	10°42	20°32	24°13	7°26	17° 5	17°10	23°38	25°13	2°35	n.a.	T 13
F 14	10 17 38	6°11'51	15°14	12°36	15°38	11°21	20°33	24°21	7°29	17° 4	17°10	23°33	25°10	2°42	n.a.	F 14
S 15	10 21 35	7° 9'52	29°53	13° 0	16°52	12° 0	20°35	24°28	7°32	17° 2	17° 9	23°27	25° 7	2°48	n.a.	S 15
S 16	10 25 31	8° 7'51	14♌55	13°28	18° 6	12°39	20°38	24°36	7°35	17° 1	17° 9	23°21	25° 4	2°55	n.a.	S 16
M17	10 29 28	9° 5'48	0♍ 9	14° 1	19°19	13°18	20°40	24°44	7°38	16°59	17°D 9	23°14	25° 0	3° 2	n.a.	M17
T 18	10 33 24	10° 3'43	15°26	14°37	20°33	13°57	20°42	24°51	7°41	16°58	17° 9	23° 9	24°57	3° 8	n.a.	T 18
W19	10 37 21	11° 1'36	0♎35	15°18	21°47	14°36	20°45	24°59	7°45	16°56	17° 9	23° 5	24°54	3°15	n.a.	W19
T 20	10 41 17	11°59'28	15°26	16° 2	23° 0	15°15	20°48	25° 7	7°48	16°55	17°10	23° 3	24°51	3°22	n.a.	T 20
F 21	10 45 14	12°57'18	29°54	16°50	24°14	15°54	20°51	25°15	7°51	16°53	17°10	23°D 3	24°48	3°28	n.a.	F 21
S 22	10 49 10	13°55'07	13♏55	17°41	25°28	16°33	20°54	25°23	7°54	16°52	17°10	23° 4	24°44	3°35	n.a.	S 22
S 23	10 53 7	14°52'54	27°29	18°35	26°42	17°12	20°57	25°30	7°58	16°51	17°10	23° 6	24°41	3°42	n.a.	S 23
M24	10 57 3	15°50'40	10♐37	19°33	27°55	17°51	21° 1	25°38	8° 1	16°49	17°10	23°R 7	24°38	3°48	n.a.	M24
T 25	11 1 0	16°48'25	23°23	20°33	29° 9	18°30	21° 5	25°46	8° 4	16°48	17°10	23° 7	24°35	3°55	n.a.	T 25
W26	11 4 57	17°46'09	5♑51	21°37	0♈22	19° 9	21° 9	25°54	8° 8	16°46	17°11	23° 5	24°32	4° 2	n.a.	W26
T 27	11 8 53	18°43'51	18° 4	22°43	1°36	19°48	21°13	26° 2	8°11	16°45	17°11	23° 2	24°29	4° 9	n.a.	T 27
F 28	11 12 50	19°41'32	0♒ 7	23°52	2°50	20°27	21°17	26°10	8°14	16°44	17°11	22°58	24°25	4°15	n.a.	F 28
S 29	11 16 46	20°39'11	12° 2	25° 4	4° 3	21° 6	21°21	26°18	8°18	16°43	17°11	22°52	24°22	4°22	n.a.	S 29
S 30	11 20 43	21°36'49	23°54	26°18	5°17	21°44	21°26	26°26	8°21	16°41	17°12	22°47	24°19	4°29	n.a.	S 30
M31	11 24 39	22♓34'26	5♓43	27♒35	6♈30	22♈23	21♊30	26♓33	8♈24	16♌40	17♊12	22♎41	24♎16	4♓35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s56	15s 0	5n 0	14s38	2n15	13s 1	1s16	1n19	0n11	24n25	0n51	5s 6	2s22	2n16	0s33	17n31	1n41	29n57	6n41	9s40	10s11	7s20		n.a.
S 2	13 36	12 9	4 44	15 3	2 0	12 33	1 15	1 36	0 12	24 25	0 51	5 3	2 22	2 17	0 33	17 32	1 41	29 57	6 41	9 35	10 10	7 18		n.a.
M 3	13 16	8 49	4 16	15 27	1 45	12 5	1 14	1 52	0 12	24 25	0 51	5 0	2 22	2 18	0 33	17 32	1 41	29 56	6 41	9 31	10 9	7 16		n.a.
T 4	12 56	5 8	3 37	15 50	1 29	11 37	1 12	2 9	0 13	24 25	0 51	4 57	2 21	2 19	0 33	17 33	1 41	29 56	6 41	9 27	10 8	7 14		n.a.
W 5	12 36	1 16	2 48	16 12	1 13	11 8	1 11	2 25	0 14	24 24	0 51	4 54	2 21	2 21	0 33	17 33	1 41	29 56	6 41	9 25	10 6	7 12		n.a.
T 6	12 15	2n40	1 52	16 33	0 58	10 39	1 10	2 42	0 14	24 24	0 51	4 51	2 21	2 22	0 33	17 34	1 41	29 56	6 41	9 23	10 5	7 10		n.a.
F 7	11 54	6 31	0 50	16 52	0 42	10 10	1 8	2 58	0 15	24 24	0 51	4 48	2 21	2 23	0 33	17 34	1 41	29 56	6 40	9 22	10 4	7 9		n.a.
S 8	11 34	10 9	0s15	17 10	0 27	9 41	1 7	3 15	0 16	24 24	0 50	4 45	2 21	2 24	0 33	17 35	1 41	29 56	6 40	9 22	10 3	7 7		n.a.
S 9	11 13	13 24	1 20	17 26	0 11	9 11	1 6	3 31	0 16	24 25	0 50	4 42	2 21	2 25	0 33	17 35	1 41	29 56	6 40	9 22	10 2	7 5		n.a.
M10	10 51	16 7	2 23	17 40	0s 3	8 41	1 4	3 47	0 17	24 25	0 50	4 39	2 21	2 27	0 33	17 36	1 41	29 56	6 40	9 22	10 0	7 3		n.a.
T 11	10 30	18 6	3 20	17 52	0 17	8 11	1 3	4 4	0 17	24 25	0 50	4 35	2 21	2 28	0 33	17 36	1 41	29 55	6 40	9 23	9 59	7 1		n.a.
W12	10 9	19 10	4 9	18 2	0 31	7 41	1 1	4 20	0 18	24 25	0 50	4 32	2 21	2 29	0 33	17 37	1 41	29 55	6 40	9 22	9 58	6 59		n.a.
T 13	9 47	19 10	4 45	18 10	0 44	7 10	0 59	4 36	0 19	24 25	0 50	4 29	2 20	2 30	0 33	17 37	1 41	29 55	6 40	9 21	9 57	6 57		n.a.
F 14	9 25	17 59	5 5	18 16	0 56	6 39	0 58	4 52	0 19	24 25	0 50	4 26	2 20	2 32	0 33	17 38	1 41	29 55	6 40	9 20	9 56	6 55		n.a.
S 15	9 3	15 36	5 6	18 20	1 8	6 9	0 56	5 8	0 20	24 25	0 50	4 23	2 20	2 33	0 33	17 38	1 41	29 55	6 40	9 17	9 55	6 53		n.a.
S 16	8 41	12 7	4 47	18 23	1 19	5 38	0 54	5 24	0 20	24 25	0 50	4 19	2 20	2 34	0 33	17 39	1 40	29 55	6 40	9 15	9 53	6 51		n.a.
M17	8 19	7 48	4 7	18 23	1 30	5 6	0 52	5 40	0 21	24 25	0 50	4 16	2 20	2 35	0 33	17 39	1 40	29 55	6 39	9 12	9 52	6 49		n.a.
T 18	7 57	2 57	3 10	18 22	1 40	4 35	0 50	5 56	0 21	24 25	0 50	4 13	2 20	2 37	0 33	17 39	1 40	29 55	6 39	9 10	9 51	6 47		n.a.
W19	7 35	2s 3	1 59	18 18	1 49	4 4	0 48	6 12	0 22	24 26	0 50	4 10	2 20	2 38	0 33	17 40	1 40	29 54	6 39	9 9	9 50	6 45		n.a.
T 20	7 12	6 50	0 41	18 12	1 57	3 32	0 46	6 28	0 23	24 26	0 50	4 7	2 20	2 39	0 33	17 40	1 40	29 54	6 39	9 8	9 49	6 44		n.a.
F 21	6 50	11 5	0n37	18 5	2 5	3 1	0 44	6 44	0 23	24 26	0 50	4 3	2 20	2 41	0 33	17 41	1 40	29 54	6 39	9 8	9 47	6 42		n.a.
S 22	6 27	14 34	1 51	17 56	2 12	2 29	0 42	7 0	0 24	24 26	0 50	4 0	2 20	2 42	0 33	17 41	1 40	29 54	6 39	9 9	9 46	6 40		n.a.
S 23	6 4	17 8	2 56	17 44	2 18	1 57	0 40	7 16	0 24	24 26	0 50	3 57	2 20	2 43	0 33	17 42	1 40	29 54	6 39	9 9	9 45	6 38		n.a.
M24	5 41	18 42	3 50	17 31	2 24	1 25	0 38	7 31	0 25	24 26	0 50	3 54	2 20	2 45	0 33	17 42	1 40	29 54	6 39	9 10	9 44	6 36		n.a.
T 25	5 19	19 15	4 31	17 16	2 28	0 54	0 36	7 47	0 25	24 27	0 50	3 50	2 20	2 46	0 32	17 42	1 40	29 54	6 39	9 10	9 43	6 34		n.a.
W26	4 56	18 50	4 58	16 59	2 33	0 22	0 34	8 3	0 26	24 27	0 50	3 47	2 19	2 47	0 32	17 43	1 40	29 54	6 38	9 9	9 41	6 32		n.a.
T 27	4 33	17 33	5 10	16 40	2 36	0n10	0 32	8 18	0 26	24 27	0 50	3 44	2 19	2 49	0 32	17 43	1 40	29 54	6 38	9 8	9 40	6 30		n.a.
F 28	4 10	15 30	5 9	16 20	2 39	0 42	0 29	8 33	0 27	24 27	0 50	3 41	2 19	2 50	0 32	17 44	1 40	29 54	6 38	9 6	9 39	6 28		n.a.
S 29	3 47	12 49	4 55	15 57	2 41	1 14	0 27	8 49	0 27	24 28	0 50	3 38	2 19	2 52	0 32	17 44	1 40	29 54	6 38	9 4	9 38	6 26		n.a.
S 30	3 23	9 38	4 27	15 33	2 43	1 46	0 25	9 4	0 28	24 28	0 50	3 34	2 19	2 53	0 32	17 44	1 40	29 54	6 38	9 2	9 37	6 24		n.a.
M31	3s 0	6s 4	3n49	15s 7	2s44	2n17	0s22	9n19	0n29	24n28	0n50	3s31	2s19	2n54	0s32	17n45	1n40	29n53	6n38	9s 0	9s36	6s22		n.a.

Julian Day Number = 988425.5, Delta T = 13h05m24s
Ecliptic obliquity = 23°55'22, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'26, Lahiri = -31°37'26 Julian Calendar 1 March 2007 BCE == Greg. Calendar 12 Feb. 2007 BCE

The year -2006 astronomical counting style corresponds to year 2007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

APRIL 2007 BCE (-2006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 28 36	23♓32'01	17♓34	28♒54	7♈44	23♈ 2	21♊35	26♓41	8♈28	16°R39	17♊13	22°R37	24♎13	4♓42	n.a.	T 1
W 2	11 32 32	24°29'35	29°26	0♓16	8°57	23°41	21°40	26°49	8°31	16♌37	17°13	22♎34	24° 9	4°49	n.a.	W 2
T 3	11 36 29	25°27'08	11♈24	1°40	10°11	24°19	21°45	26°57	8°35	16°36	17°13	22°32	24° 6	4°55	n.a.	T 3
F 4	11 40 26	26°24'39	23°28	3° 7	11°24	24°58	21°50	27° 5	8°38	16°35	17°14	22°D31	24° 3	5° 2	n.a.	F 4
S 5	11 44 22	27°22'09	5♉40	4°36	12°38	25°37	21°56	27°13	8°42	16°34	17°14	22°32	24° 0	5° 9	n.a.	S 5
S 6	11 48 19	28°19'37	18° 5	6° 7	13°51	26°16	22° 2	27°21	8°45	16°33	17°15	22°33	23°57	5°15	n.a.	S 6
M 7	11 52 15	29°17'04	0♊43	7°41	15° 4	26°54	22° 7	27°29	8°49	16°32	17°15	22°35	23°54	5°22	n.a.	M 7
T 8	11 56 12	0♈14'30	13°39	9°16	16°18	27°33	22°13	27°37	8°52	16°31	17°16	22°36	23°50	5°29	n.a.	T 8
W 9	12 0 8	1°11'54	26°56	10°54	17°31	28°12	22°19	27°45	8°56	16°30	17°17	22°R37	23°47	5°36	n.a.	W 9
T 10	12 4 5	2° 9'16	10♋35	12°35	18°45	28°50	22°25	27°53	8°59	16°28	17°17	22°36	23°44	5°42	n.a.	T 10
F 11	12 8 1	3° 6'37	24°37	14°17	19°58	29°29	22°32	28° 1	9° 3	16°27	17°18	22°35	23°41	5°49	n.a.	F 11
S 12	12 11 58	4° 3'57	9♌ 2	16° 2	21°11	0♉ 7	22°38	28° 8	9° 6	16°26	17°19	22°34	23°38	5°56	n.a.	S 12
S 13	12 15 55	5° 1'15	23°47	17°49	22°24	0°46	22°45	28°16	9°10	16°26	17°19	22°32	23°35	6° 2	n.a.	S 13
M14	12 19 51	5°58'32	8♍45	19°39	23°38	1°25	22°52	28°24	9°13	16°25	17°20	22°30	23°31	6° 9	n.a.	M14
T 15	12 23 48	6°55'48	23°49	21°30	24°51	2° 3	22°58	28°32	9°17	16°24	17°21	22°28	23°28	6°16	n.a.	T 15
W16	12 27 44	7°53'03	8♎50	23°24	26° 4	2°42	23° 5	28°40	9°20	16°23	17°22	22°27	23°25	6°22	n.a.	W16
T 17	12 31 41	8°50'17	23°39	25°20	27°17	3°20	23°13	28°48	9°24	16°22	17°22	22°D27	23°22	6°29	n.a.	T 17
F 18	12 35 37	9°47'29	8♏ 9	27°18	28°31	3°59	23°20	28°56	9°27	16°21	17°23	22°27	23°19	6°36	n.a.	F 18
S 19	12 39 34	10°44'42	22°15	29°18	29°44	4°37	23°27	29° 3	9°31	16°20	17°24	22°28	23°15	6°42	n.a.	S 19
S 20	12 43 30	11°41'53	5♐56	1♈19	0♉57	5°16	23°35	29°11	9°34	16°19	17°25	22°29	23°12	6°49	n.a.	S 20
M21	12 47 27	12°39'05	19°11	3°23	2°10	5°54	23°42	29°19	9°38	16°19	17°26	22°29	23° 9	6°56	n.a.	M21
T 22	12 51 24	13°36'15	2♑ 2	5°29	3°23	6°33	23°50	29°27	9°41	16°18	17°27	22°30	23° 6	7° 2	n.a.	T 22
W23	12 55 20	14°33'25	14°33	7°36	4°36	7°11	23°58	29°35	9°45	16°17	17°28	22°R30	23° 3	7° 9	n.a.	W23
T 24	12 59 17	15°30'35	26°47	9°44	5°49	7°49	24° 6	29°42	9°48	16°17	17°29	22°30	23° 0	7°16	n.a.	T 24
F 25	13 3 13	16°27'44	8♒48	11°53	7° 2	8°28	24°14	29°50	9°52	16°16	17°30	22°30	22°56	7°23	n.a.	F 25
S 26	13 7 10	17°24'53	20°42	14° 4	8°15	9° 6	24°22	29°58	9°55	16°15	17°31	22°29	22°53	7°29	n.a.	S 26
S 27	13 11 6	18°22'01	2♓32	16°15	9°28	9°45	24°31	0♈ 5	9°59	16°15	17°32	22°28	22°50	7°36	n.a.	S 27
M28	13 15 3	19°19'09	14°22	18°26	10°41	10°23	24°39	0°13	10° 2	16°14	17°33	22°28	22°47	7°43	n.a.	M28
T 29	13 18 59	20°16'16	26°15	20°38	11°54	11° 1	24°48	0°21	10° 6	16°14	17°34	22°28	22°44	7°49	n.a.	T 29
W30	13 22 56	21♈13'23	8♈14	22♈49	13♉ 7	11♉40	24♊56	0♈28	10♈ 9	16♌13	17♊35	22♎28	22♎40	7♓56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s37	2s15	3n 0	14s39	2s44	2n49	0s20	9n35	0n29	24n28	0n50	3s28	2s19	2n56	0s32	17n45	1n40	29n53	6n38	8s58	9s34	6s20		n.a.
W 2	2 14	1n39	2 3	14 9	2 44	3 21	0 18	9 50	0 30	24 29	0 50	3 25	2 19	2 57	0 32	17 46	1 40	29 53	6 38	8 57	9 33	6 18		n.a.
T 3	1 51	5 31	1 1	13 37	2 43	3 53	0 15	10 5	0 30	24 29	0 49	3 21	2 19	2 58	0 32	17 46	1 40	29 53	6 38	8 56	9 32	6 17		n.a.
F 4	1 27	9 13	0s 5	13 4	2 41	4 24	0 13	10 20	0 31	24 29	0 49	3 18	2 19	3 0	0 32	17 46	1 40	29 53	6 37	8 56	9 31	6 15		n.a.
S 5	1 4	12 33	1 12	12 29	2 39	4 56	0 10	10 35	0 31	24 30	0 49	3 15	2 19	3 1	0 32	17 47	1 40	29 53	6 37	8 56	9 30	6 13		n.a.
S 6	0 41	15 23	2 16	11 52	2 36	5 27	0 8	10 49	0 32	24 30	0 49	3 12	2 19	3 3	0 32	17 47	1 40	29 53	6 37	8 57	9 28	6 11		n.a.
M 7	0 17	17 32	3 15	11 13	2 33	5 58	0 5	11 4	0 32	24 30	0 49	3 8	2 19	3 4	0 32	17 47	1 40	29 53	6 37	8 57	9 27	6 9		n.a.
T 8	0n 6	18 50	4 6	10 32	2 29	6 29	0 3	11 19	0 33	24 31	0 49	3 5	2 19	3 5	0 32	17 47	1 40	29 53	6 37	8 58	9 26	6 7		n.a.
W 9	0 29	19 9	4 45	9 50	2 24	7 0	0 0	11 33	0 33	24 31	0 49	3 2	2 19	3 7	0 32	17 48	1 40	29 53	6 37	8 58	9 25	6 5		n.a.
T 10	0 52	18 22	5 9	9 6	2 19	7 31	0n 2	11 48	0 34	24 31	0 49	2 59	2 19	3 8	0 32	17 48	1 40	29 53	6 37	8 58	9 24	6 3		n.a.
F 11	1 16	16 28	5 15	8 21	2 13	8 2	0 5	12 2	0 34	24 32	0 49	2 56	2 19	3 10	0 32	17 48	1 40	29 53	6 37	8 58	9 22	6 1		n.a.
S 12	1 39	13 30	5 3	7 33	2 7	8 32	0 7	12 17	0 34	24 32	0 49	2 52	2 19	3 11	0 32	17 49	1 40	29 53	6 37	8 57	9 21	5 59		n.a.
S 13	2 2	9 37	4 30	6 45	2 0	9 2	0 10	12 31	0 35	24 32	0 49	2 49	2 19	3 13	0 32	17 49	1 40	29 53	6 37	8 56	9 20	5 57		n.a.
M14	2 25	5 5	3 39	5 54	1 53	9 32	0 12	12 45	0 35	24 33	0 49	2 46	2 19	3 14	0 32	17 49	1 40	29 53	6 36	8 55	9 19	5 55		n.a.
T 15	2 48	0 11	2 32	5 2	1 45	10 2	0 15	12 59	0 36	24 33	0 49	2 43	2 19	3 15	0 32	17 49	1 40	29 53	6 36	8 55	9 18	5 53		n.a.
W16	3 11	4s42	1 15	4 9	1 37	10 32	0 17	13 13	0 36	24 33	0 49	2 40	2 19	3 17	0 32	17 50	1 40	29 53	6 36	8 54	9 16	5 51		n.a.
T 17	3 34	9 15	0n 7	3 14	1 28	11 1	0 20	13 27	0 37	24 34	0 49	2 37	2 19	3 18	0 32	17 50	1 40	29 53	6 36	8 54	9 15	5 50		n.a.
F 18	3 57	13 9	1 26	2 18	1 19	11 30	0 22	13 41	0 37	24 34	0 49	2 33	2 19	3 20	0 32	17 50	1 40	29 53	6 36	8 54	9 14	5 48		n.a.
S 19	4 20	16 10	2 38	1 21	1 9	11 59	0 25	13 55	0 38	24 34	0 49	2 30	2 19	3 21	0 32	17 50	1 40	29 53	6 36	8 55	9 13	5 46		n.a.
S 20	4 43	18 9	3 38	0 22	1 0	12 28	0 27	14 8	0 38	24 35	0 49	2 27	2 19	3 22	0 32	17 51	1 40	29 53	6 36	8 55	9 12	5 44		n.a.
M21	5 6	19 4	4 25	0n37	0 49	12 56	0 30	14 22	0 39	24 35	0 49	2 24	2 19	3 24	0 32	17 51	1 40	29 53	6 36	8 55	9 10	5 42		n.a.
T 22	5 28	18 57	4 57	1 37	0 39	13 24	0 32	14 35	0 39	24 35	0 49	2 21	2 19	3 25	0 32	17 51	1 40	29 53	6 36	8 56	9 9	5 40		n.a.
W23	5 51	17 54	5 14	2 38	0 29	13 52	0 35	14 48	0 40	24 36	0 49	2 18	2 19	3 27	0 32	17 51	1 39	29 53	6 36	8 56	9 8	5 38		n.a.
T 24	6 13	16 3	5 16	3 39	0 18	14 19	0 37	15 2	0 40	24 36	0 49	2 15	2 19	3 28	0 32	17 51	1 39	29 53	6 36	8 56	9 7	5 36		n.a.
F 25	6 36	13 32	5 5	4 41	0 7	14 46	0 40	15 15	0 40	24 36	0 49	2 12	2 19	3 29	0 32	17 51	1 39	29 53	6 35	8 55	9 6	5 34		n.a.
S 26	6 58	10 28	4 40	5 42	0n 3	15 12	0 42	15 28	0 41	24 37	0 49	2 8	2 20	3 31	0 32	17 52	1 39	29 53	6 35	8 55	9 4	5 32		n.a.
S 27	7 20	7 0	4 3	6 43	0 14	15 39	0 45	15 41	0 41	24 37	0 49	2 5	2 20	3 32	0 32	17 52	1 39	29 53	6 35	8 55	9 3	5 30		n.a.
M28	7 43	3 16	3 16	7 44	0 24	16 4	0 47	15 53	0 42	24 37	0 49	2 2	2 20	3 34	0 32	17 52	1 39	29 53	6 35	8 55	9 2	5 28		n.a.
T 29	8 5	0n37	2 20	8 44	0 34	16 30	0 49	16 6	0 42	24 38	0 49	1 59	2 20	3 35	0 32	17 52	1 39	29 53	6 35	8 55	9 1	5 26		n.a.
W30	8n26	4n31	1n18	9n44	0n44	16n55	0n52	16n19	0n43	24n38	0n49	1s56	2s20	3n36	0s32	17n52	1n39	29n53	6n35	8s55	9s 0	5s24		n.a.

Julian Day Number = 988456.5, Delta T = 13h05m22s
Ecliptic obliquity = 23°55'22, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'22, Lahiri = -31°37'21 Julian Calendar 1 Apr. 2007 BCE == Greg. Calendar 15 March 2007 BCE

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

MAY 2007 BCE (-2006) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 26 53	22♈10'30	20♈21	25♈ 0	14♉20	12♉18	25♊ 5	0♈36	10♈13	16°R13	17♊36	22°R28	22♎37	8♓ 3	n.a.	T 1
F 2	13 30 49	23° 7'36	2♉37	27°10	15°33	12°56	25°14	0°44	10°16	16♌12	17°37	22♎28	22°34	8° 9	n.a.	F 2
S 3	13 34 46	24° 4'42	15° 5	29°19	16°46	13°35	25°23	0°51	10°19	16°12	17°38	22°27	22°31	8°16	n.a.	S 3
S 4	13 38 42	25° 1'47	27°46	1♉28	17°59	14°13	25°32	0°59	10°23	16°12	17°40	22°27	22°28	8°23	n.a.	S 4
M 5	13 42 39	25°58'52	10♊41	3°35	19°12	14°51	25°42	1° 6	10°26	16°11	17°41	22°27	22°25	8°29	n.a.	M 5
T 6	13 46 35	26°55'56	23°50	5°40	20°24	15°30	25°51	1°13	10°30	16°11	17°42	22°26	22°21	8°36	n.a.	T 6
W 7	13 50 32	27°53'00	7♋15	7°44	21°37	16° 8	26° 0	1°21	10°33	16°11	17°43	22°26	22°18	8°43	n.a.	W 7
T 8	13 54 28	28°50'03	20°57	9°46	22°50	16°46	26°10	1°28	10°36	16°10	17°44	22°26	22°15	8°49	n.a.	T 8
F 9	13 58 25	29°47'06	4♌54	11°46	24° 3	17°25	26°20	1°36	10°40	16°10	17°46	22°D26	22°12	8°56	n.a.	F 9
S 10	14 2 22	0♉44'08	19° 7	13°44	25°16	18° 3	26°29	1°43	10°43	16°10	17°47	22°26	22° 9	9° 3	n.a.	S 10
S 11	14 6 18	1°41'10	3♍33	15°40	26°28	18°41	26°39	1°50	10°47	16°10	17°48	22°27	22° 6	9° 9	n.a.	S 11
M12	14 10 15	2°38'11	18° 8	17°34	27°41	19°19	26°49	1°57	10°50	16°10	17°50	22°27	22° 2	9°16	n.a.	M12
T 13	14 14 11	3°35'12	2♎49	19°27	28°54	19°58	26°59	2° 5	10°53	16°10	17°51	22°28	21°59	9°23	n.a.	T 13
W14	14 18 8	4°32'13	17°29	21°17	0♊ 6	20°36	27° 9	2°12	10°56	16°10	17°52	22°R29	21°56	9°30	n.a.	W14
T 15	14 22 4	5°29'14	2♏ 1	23° 4	1°19	21°14	27°19	2°19	11° 0	16°D10	17°54	22°28	21°53	9°36	n.a.	T 15
F 16	14 26 1	6°26'15	16°20	24°50	2°31	21°52	27°29	2°26	11° 3	16°10	17°55	22°28	21°50	9°43	n.a.	F 16
S 17	14 29 58	7°23'16	0♐22	26°34	3°44	22°31	27°40	2°33	11° 6	16°10	17°57	22°26	21°46	9°50	n.a.	S 17
S 18	14 33 54	8°20'17	14° 1	28°15	4°56	23° 9	27°50	2°40	11° 9	16°10	17°58	22°24	21°43	9°56	n.a.	S 18
M19	14 37 51	9°17'19	27°18	29°55	6° 9	23°47	28° 1	2°47	11°13	16°10	18° 0	22°22	21°40	10° 3	n.a.	M19
T 20	14 41 47	10°14'21	10♑12	1♊32	7°21	24°25	28°11	2°54	11°16	16°10	18° 1	22°20	21°37	10°10	n.a.	T 20
W21	14 45 44	11°11'23	22°45	3° 7	8°34	25° 3	28°22	3° 0	11°19	16°10	18° 3	22°18	21°34	10°16	n.a.	W21
T 22	14 49 40	12° 8'26	5♒ 1	4°40	9°46	25°42	28°33	3° 7	11°22	16°10	18° 4	22°17	21°31	10°23	n.a.	T 22
F 23	14 53 37	13° 5'29	17° 3	6°10	10°59	26°20	28°44	3°14	11°25	16°11	18° 6	22°D17	21°27	10°30	n.a.	F 23
S 24	14 57 34	14° 2'33	28°58	7°39	12°11	26°58	28°54	3°21	11°28	16°11	18° 7	22°18	21°24	10°36	n.a.	S 24
S 25	15 1 30	14°59'37	10♓48	9° 5	13°23	27°36	29° 5	3°27	11°31	16°11	18° 9	22°19	21°21	10°43	n.a.	S 25
M26	15 5 27	15°56'42	22°39	10°29	14°36	28°14	29°17	3°34	11°35	16°12	18°10	22°21	21°18	10°50	n.a.	M26
T 27	15 9 23	16°53'48	4♈35	11°51	15°48	28°53	29°28	3°40	11°38	16°12	18°12	22°22	21°15	10°56	n.a.	T 27
W28	15 13 20	17°50'54	16°41	13°10	17° 0	29°31	29°39	3°47	11°41	16°12	18°13	22°R23	21°11	11° 3	n.a.	W28
T 29	15 17 16	18°48'01	28°58	14°27	18°13	0♊ 9	29°50	3°53	11°44	16°13	18°15	22°23	21° 8	11°10	n.a.	T 29
F 30	15 21 13	19°45'09	11♉29	15°42	19°25	0°47	0♋ 1	4° 0	11°46	16°13	18°17	22°22	21° 5	11°16	n.a.	F 30
S 31	15 25 9	20♉42'17	24♉16	16♊54	20♊37	1♊25	0♋13	4♈ 6	11♈49	16♌14	18♊18	22♎19	21♎ 2	11♓23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	8n48	8n17	0n12	10n42	0n53	17n19	0n54	16n31	0n43	24n38	0n49	1s53	2s20	3n38	0s32	17n52	1n39	29n53	6n35	8s55	8s58	5s22			n.a.
F 2	9 10	11 45	0s56	11 38	1 2	17 43	0 56	16 43	0 43	24 39	0 49	1 50	2 20	3 39	0 32	17 52	1 39	29 53	6 35	8 55	8 57	5 21			n.a.
S 3	9 31	14 44	2 2	12 33	1 11	18 7	0 59	16 56	0 44	24 39	0 49	1 47	2 20	3 41	0 32	17 52	1 39	29 53	6 35	8 55	8 56	5 19			n.a.
S 4	9 53	17 5	3 4	13 27	1 19	18 30	1 1	17 8	0 44	24 39	0 49	1 44	2 20	3 42	0 32	17 52	1 39	29 53	6 35	8 55	8 55	5 17			n.a.
M 5	10 14	18 35	3 57	14 19	1 26	18 53	1 3	17 20	0 45	24 40	0 49	1 41	2 20	3 43	0 32	17 52	1 39	29 53	6 35	8 54	8 54	5 15			n.a.
T 6	10 35	19 8	4 39	15 8	1 33	19 15	1 5	17 32	0 45	24 40	0 49	1 38	2 20	3 45	0 32	17 53	1 39	29 53	6 35	8 54	8 52	5 13			n.a.
W 7	10 56	18 37	5 6	15 56	1 39	19 37	1 7	17 43	0 45	24 40	0 49	1 35	2 20	3 46	0 32	17 53	1 39	29 53	6 35	8 54	8 51	5 11			n.a.
T 8	11 17	17 2	5 17	16 41	1 45	19 58	1 10	17 55	0 46	24 40	0 48	1 33	2 20	3 47	0 32	17 53	1 39	29 53	6 34	8 54	8 50	5 9			n.a.
F 9	11 37	14 25	5 10	17 24	1 50	20 19	1 12	18 6	0 46	24 41	0 48	1 30	2 20	3 49	0 32	17 53	1 39	29 53	6 34	8 54	8 49	5 7			n.a.
S 10	11 58	10 54	4 44	18 5	1 54	20 39	1 14	18 18	0 47	24 41	0 48	1 27	2 21	3 50	0 32	17 53	1 39	29 53	6 34	8 54	8 48	5 5			n.a.
S 11	12 18	6 42	3 59	18 44	1 58	20 59	1 16	18 29	0 47	24 41	0 48	1 24	2 21	3 51	0 32	17 53	1 39	29 54	6 34	8 54	8 46	5 3			n.a.
M12	12 38	2 2	2 59	19 20	2 0	21 18	1 18	18 40	0 47	24 41	0 48	1 21	2 21	3 53	0 32	17 53	1 39	29 54	6 34	8 55	8 45	5 1			n.a.
T 13	12 58	2s46	1 47	19 54	2 3	21 36	1 19	18 51	0 48	24 42	0 48	1 18	2 21	3 54	0 32	17 53	1 39	29 54	6 34	8 55	8 44	4 59			n.a.
W14	13 17	7 25	0 28	20 26	2 4	21 54	1 21	19 2	0 48	24 42	0 48	1 16	2 21	3 55	0 32	17 53	1 39	29 54	6 34	8 55	8 43	4 57			n.a.
T 15	13 37	11 36	0n53	20 56	2 5	22 11	1 23	19 13	0 48	24 42	0 48	1 13	2 21	3 57	0 32	17 53	1 39	29 54	6 34	8 55	8 41	4 55			n.a.
F 16	13 56	15 1	2 8	21 23	2 5	22 28	1 25	19 23	0 49	24 42	0 48	1 10	2 21	3 58	0 32	17 52	1 39	29 54	6 34	8 55	8 40	4 53			n.a.
S 17	14 15	17 28	3 15	21 48	2 5	22 44	1 26	19 34	0 49	24 42	0 48	1 7	2 21	3 59	0 32	17 52	1 38	29 54	6 34	8 54	8 39	4 51			n.a.
S 18	14 34	18 50	4 8	22 11	2 4	23 0	1 28	19 44	0 50	24 43	0 48	1 5	2 21	4 1	0 32	17 52	1 38	29 54	6 34	8 53	8 38	4 49			n.a.
M19	14 53	19 7	4 46	22 31	2 2	23 14	1 30	19 54	0 50	24 43	0 48	1 2	2 22	4 2	0 32	17 52	1 38	29 54	6 34	8 53	8 37	4 48			n.a.
T 20	15 11	18 23	5 9	22 50	2 0	23 28	1 31	20 4	0 50	24 43	0 48	0 59	2 22	4 3	0 32	17 52	1 38	29 54	6 34	8 52	8 35	4 46			n.a.
W21	15 29	16 46	5 16	23 7	1 57	23 42	1 33	20 14	0 51	24 43	0 48	0 56	2 22	4 4	0 32	17 52	1 38	29 54	6 34	8 51	8 34	4 44			n.a.
T 22	15 47	14 25	5 8	23 21	1 53	23 55	1 34	20 24	0 51	24 43	0 48	0 54	2 22	4 6	0 32	17 52	1 38	29 55	6 34	8 51	8 33	4 42			n.a.
F 23	16 5	11 29	4 47	23 34	1 49	24 7	1 35	20 33	0 51	24 43	0 48	0 51	2 22	4 7	0 32	17 52	1 38	29 55	6 34	8 51	8 32	4 40			n.a.
S 24	16 22	8 7	4 14	23 45	1 44	24 18	1 37	20 43	0 52	24 43	0 48	0 49	2 22	4 8	0 32	17 52	1 38	29 55	6 34	8 51	8 31	4 38			n.a.
S 25	16 40	4 26	3 30	23 53	1 39	24 29	1 38	20 52	0 52	24 44	0 48	0 46	2 22	4 9	0 32	17 52	1 38	29 55	6 34	8 52	8 29	4 36			n.a.
M26	16 57	0 35	2 37	24 1	1 33	24 39	1 39	21 1	0 52	24 44	0 48	0 44	2 22	4 10	0 32	17 51	1 38	29 55	6 34	8 52	8 28	4 34			n.a.
T 27	17 13	3n20	1 36	24 6	1 27	24 48	1 40	21 10	0 53	24 44	0 48	0 41	2 23	4 12	0 32	17 51	1 38	29 55	6 34	8 53	8 27	4 32			n.a.
W28	17 30	7 10	0 31	24 10	1 20	24 57	1 41	21 19	0 53	24 44	0 48	0 39	2 23	4 13	0 32	17 51	1 38	29 55	6 34	8 53	8 26	4 30			n.a.
T 29	17 46	10 46	0s36	24 12	1 13	25 5	1 42	21 28	0 53	24 44	0 48	0 36	2 23	4 14	0 32	17 51	1 38	29 55	6 34	8 53	8 25	4 28			n.a.
F 30	18 2	13 57	1 43	24 13	1 5	25 12	1 43	21 36	0 54	24 44	0 48	0 34	2 23	4 15	0 32	17 51	1 38	29 56	6 34	8 53	8 23	4 26			n.a.
S 31	18n17	16n32	2s46	24n12	0n57	25n18	1n43	21n44	0n54	24n44	0n48	0s31	2s23	4n16	0s32	17n51	1n38	29n56	6n34	8s52	8s22	4s24			n.a.

Julian Day Number = 988486.5, Delta T = 13h05m20s
Ecliptic obliquity = 23°55'22, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'18, Lahiri = -31°37'17 Julian Calendar 1 May 2007 BCE == Greg. Calendar 14 Apr. 2007 BCE

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

JUNE 2007 BCE (-2006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 29 6	21♉39'26	7♊18	18♊ 4	21♊49	2♊ 3	0♋24	4♈12	11♈52	16♌14	18♊20	22°R16	20♎59	11♓30	n.a.	S 1
M 2	15 33 3	22°36'35	20°36	19°11	23° 1	2°42	0°36	4°18	11°55	16°15	18°21	22♎11	20°56	11°36	n.a.	M 2
T 3	15 36 59	23°33'45	4♋ 7	20°15	24°14	3°20	0°47	4°25	11°58	16°15	18°23	22° 6	20°52	11°43	n.a.	T 3
W 4	15 40 56	24°30'55	17°50	21°16	25°26	3°58	0°59	4°31	12° 1	16°16	18°25	22° 2	20°49	11°50	n.a.	W 4
T 5	15 44 52	25°28'06	1♌44	22°15	26°38	4°36	1°11	4°37	12° 4	16°17	18°27	21°59	20°46	11°56	n.a.	T 5
F 6	15 48 49	26°25'18	15°46	23°11	27°50	5°14	1°22	4°43	12° 6	16°17	18°28	21°57	20°43	12° 3	n.a.	F 6
S 7	15 52 45	27°22'29	29°54	24° 3	29° 2	5°52	1°34	4°49	12° 9	16°18	18°30	21°D57	20°40	12°10	n.a.	S 7
S 8	15 56 42	28°19'41	14♍ 7	24°52	0♋14	6°31	1°46	4°54	12°12	16°19	18°32	21°57	20°37	12°16	n.a.	S 8
M 9	16 0 39	29°16'54	28°23	25°38	1°25	7° 9	1°58	5° 0	12°14	16°20	18°33	21°59	20°33	12°23	n.a.	M 9
T 10	16 4 35	0♏14'07	12♎39	26°20	2°37	7°47	2°10	5° 6	12°17	16°20	18°35	22° 0	20°30	12°30	n.a.	T 10
W11	16 8 32	1°11'21	26°52	26°58	3°49	8°25	2°22	5°11	12°20	16°21	18°37	22°R 0	20°27	12°37	n.a.	W11
T 12	16 12 28	2° 8'36	11♏ 0	27°32	5° 1	9° 3	2°34	5°17	12°22	16°22	18°39	21°59	20°24	12°43	n.a.	T 12
F 13	16 16 25	3° 5'52	24°58	28° 3	6°13	9°41	2°46	5°22	12°25	16°23	18°40	21°55	20°21	12°50	n.a.	F 13
S 14	16 20 21	4° 3'09	8♐43	28°29	7°24	10°20	2°58	5°28	12°27	16°24	18°42	21°50	20°17	12°57	n.a.	S 14
S 15	16 24 18	5° 0'26	22°11	28°50	8°36	10°58	3°11	5°33	12°30	16°25	18°44	21°44	20°14	13° 3	n.a.	S 15
M16	16 28 14	5°57'45	5♑21	29° 7	9°48	11°36	3°23	5°38	12°32	16°26	18°46	21°36	20°11	13°10	n.a.	M16
T 17	16 32 11	6°55'06	18°11	29°20	10°59	12°14	3°35	5°43	12°34	16°27	18°47	21°29	20° 8	13°17	n.a.	T 17
W18	16 36 8	7°52'27	0♒43	29°27	12°11	12°52	3°48	5°49	12°37	16°28	18°49	21°22	20° 5	13°23	n.a.	W18
T 19	16 40 4	8°49'50	12°59	29°R29	13°22	13°30	4° 0	5°54	12°39	16°29	18°51	21°17	20° 2	13°30	n.a.	T 19
F 20	16 44 1	9°47'14	25° 1	29°26	14°34	14° 9	4°12	5°59	12°41	16°30	18°53	21°14	19°58	13°37	n.a.	F 20
S 21	16 47 57	10°44'40	6♓55	29°18	15°45	14°47	4°25	6° 3	12°44	16°31	18°54	21°D13	19°55	13°43	n.a.	S 21
S 22	16 51 54	11°42'07	18°45	29° 4	16°56	15°25	4°37	6° 8	12°46	16°32	18°56	21°13	19°52	13°50	n.a.	S 22
M23	16 55 50	12°39'36	0♈37	28°45	18° 8	16° 3	4°50	6°13	12°48	16°33	18°58	21°14	19°49	13°57	n.a.	M23
T 24	16 59 47	13°37'06	12°35	28°21	19°19	16°41	5° 2	6°17	12°50	16°35	19° 0	21°15	19°46	14° 3	n.a.	T 24
W25	17 3 43	14°34'38	24°45	27°52	20°30	17°20	5°15	6°22	12°52	16°36	19° 2	21°R15	19°43	14°10	n.a.	W25
T 26	17 7 40	15°32'11	7♉ 9	27°19	21°42	17°58	5°28	6°26	12°54	16°37	19° 3	21°14	19°39	14°17	n.a.	T 26
F 27	17 11 37	16°29'46	19°53	26°41	22°53	18°36	5°40	6°31	12°56	16°39	19° 5	21°11	19°36	14°23	n.a.	F 27
S 28	17 15 33	17°27'23	2♊57	25°59	24° 4	19°14	5°53	6°35	12°58	16°40	19° 7	21° 5	19°33	14°30	n.a.	S 28
S 29	17 19 30	18°25'01	16°21	25°14	25°15	19°53	6° 6	6°39	13° 0	16°41	19° 9	20°57	19°30	14°37	n.a.	S 29
M30	17 23 26	19♊22'41	0♋ 4	24♊26	26♋26	20♊31	6♋19	6♈43	13♈ 2	16♌43	19♊11	20♎48	19♎27	14♓43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n33	18n20	3s42	24n10	0n48	25n24	1n44	21n53	0n54	24n44	0n48	0s29	2s23	4n17	0s32	17n50	1n38	29n56	6n34	8s50	8s21	4s22		n.a.
M 2	18 48	19 9	4 26	24 7	0 39	25 29	1 45	22 1	0 55	24 44	0 48	0 27	2 24	4 19	0 32	17 50	1 38	29 56	6 34	8 48	8 20	4 20		n.a.
T 3	19 2	18 55	4 57	24 2	0 29	25 33	1 45	22 9	0 55	24 44	0 48	0 24	2 24	4 20	0 32	17 50	1 38	29 56	6 34	8 47	8 18	4 18		n.a.
W 4	19 17	17 34	5 11	23 56	0 19	25 36	1 46	22 16	0 55	24 44	0 48	0 22	2 24	4 21	0 32	17 50	1 38	29 56	6 34	8 45	8 17	4 16		n.a.
T 5	19 31	15 11	5 8	23 50	0 8	25 39	1 46	22 24	0 56	24 44	0 48	0 20	2 24	4 22	0 32	17 49	1 38	29 56	6 34	8 44	8 16	4 15		n.a.
F 6	19 45	11 53	4 46	23 42	0s 3	25 41	1 47	22 31	0 56	24 43	0 49	0 17	2 24	4 23	0 32	17 49	1 38	29 57	6 34	8 43	8 15	4 13		n.a.
S 7	19 58	7 54	4 6	23 33	0 14	25 42	1 47	22 39	0 56	24 43	0 49	0 15	2 24	4 24	0 32	17 49	1 37	29 57	6 34	8 43	8 14	4 11		n.a.
S 8	20 11	3 26	3 12	23 23	0 26	25 42	1 47	22 46	0 57	24 43	0 49	0 13	2 25	4 25	0 32	17 49	1 37	29 57	6 34	8 43	8 12	4 9		n.a.
M 9	20 24	1s15	2 5	23 13	0 38	25 42	1 47	22 53	0 57	24 43	0 49	0 11	2 25	4 26	0 32	17 48	1 37	29 57	6 34	8 44	8 11	4 7		n.a.
T 10	20 37	5 52	0 51	23 2	0 51	25 41	1 47	22 59	0 57	24 43	0 49	0 9	2 25	4 27	0 32	17 48	1 37	29 57	6 34	8 44	8 10	4 5		n.a.
W11	20 49	10 9	0n26	22 50	1 3	25 39	1 47	23 6	0 57	24 43	0 49	0 7	2 25	4 28	0 32	17 48	1 37	29 57	6 34	8 44	8 9	4 3		n.a.
T 12	21 0	13 49	1 41	22 38	1 16	25 36	1 47	23 12	0 58	24 42	0 49	0 5	2 25	4 29	0 32	17 48	1 37	29 58	6 34	8 44	8 7	4 1		n.a.
F 13	21 12	16 39	2 49	22 25	1 29	25 33	1 47	23 18	0 58	24 42	0 49	0 3	2 26	4 30	0 32	17 47	1 37	29 58	6 34	8 42	8 6	3 59		n.a.
S 14	21 23	18 29	3 46	22 12	1 43	25 29	1 46	23 25	0 58	24 42	0 49	0 1	2 26	4 31	0 32	17 47	1 37	29 58	6 34	8 40	8 5	3 57		n.a.
S 15	21 34	19 13	4 29	21 59	1 56	25 24	1 46	23 30	0 59	24 42	0 49	0n 1	2 26	4 32	0 32	17 47	1 37	29 58	6 34	8 38	8 4	3 55		n.a.
M16	21 44	18 53	4 56	21 45	2 10	25 18	1 46	23 36	0 59	24 41	0 49	0 3	2 26	4 33	0 32	17 46	1 37	29 58	6 34	8 35	8 3	3 53		n.a.
T 17	21 54	17 34	5 8	21 32	2 23	25 12	1 45	23 42	0 59	24 41	0 49	0 5	2 26	4 34	0 33	17 46	1 37	29 59	6 34	8 32	8 1	3 51		n.a.
W18	22 4	15 27	5 4	21 18	2 37	25 5	1 44	23 47	1 0	24 41	0 49	0 7	2 27	4 35	0 33	17 45	1 37	29 59	6 34	8 30	8 0	3 49		n.a.
T 19	22 13	12 41	4 47	21 5	2 50	24 57	1 44	23 52	1 0	24 40	0 49	0 9	2 27	4 36	0 33	17 45	1 37	29 59	6 34	8 28	7 59	3 47		n.a.
F 20	22 22	9 25	4 17	20 52	3 3	24 49	1 43	23 57	1 0	24 40	0 49	0 11	2 27	4 37	0 33	17 45	1 37	29 59	6 34	8 27	7 58	3 45		n.a.
S 21	22 30	5 49	3 36	20 39	3 16	24 39	1 42	24 2	1 0	24 40	0 49	0 12	2 27	4 38	0 33	17 44	1 37	29 59	6 34	8 26	7 56	3 43		n.a.
S 22	22 39	2 0	2 46	20 27	3 28	24 29	1 41	24 7	1 1	24 39	0 49	0 14	2 27	4 38	0 33	17 44	1 37	30 0	6 34	8 26	7 55	3 42		n.a.
M23	22 46	1n55	1 49	20 15	3 40	24 19	1 40	24 11	1 1	24 39	0 49	0 16	2 28	4 39	0 33	17 44	1 37	30 0	6 34	8 27	7 54	3 40		n.a.
T 24	22 54	5 47	0 47	20 4	3 50	24 7	1 38	24 15	1 1	24 38	0 49	0 18	2 28	4 40	0 33	17 43	1 37	30 0	6 34	8 27	7 53	3 38		n.a.
W25	23 1	9 29	0s19	19 54	4 0	23 55	1 37	24 19	1 1	24 38	0 49	0 19	2 28	4 41	0 33	17 43	1 37	30 0	6 34	8 27	7 52	3 36		n.a.
T 26	23 7	12 51	1 24	19 45	4 9	23 43	1 36	24 23	1 2	24 37	0 49	0 21	2 28	4 42	0 33	17 42	1 37	30 0	6 34	8 27	7 50	3 34		n.a.
F 27	23 13	15 42	2 27	19 36	4 16	23 29	1 34	24 27	1 2	24 37	0 49	0 22	2 28	4 42	0 33	17 42	1 37	30 1	6 34	8 25	7 49	3 32		n.a.
S 28	23 19	17 50	3 24	19 29	4 23	23 15	1 33	24 31	1 2	24 36	0 49	0 24	2 29	4 43	0 33	17 41	1 37	30 1	6 34	8 23	7 48	3 30		n.a.
S 29	23 24	19 2	4 11	19 23	4 27	23 1	1 31	24 34	1 2	24 36	0 49	0 25	2 29	4 44	0 33	17 41	1 37	30 1	6 34	8 20	7 47	3 28		n.a.
M30	23n29	19n10	4s45	19n18	4s30	22n45	1n29	24n37	1n 3	24n35	0n49	0n27	2s29	4n45	0s33	17n40	1n37	30n 1	6n35	8s17	7s45	3s26		n.a.

Julian Day Number = 988517.5, Delta T = 13h05m18s
Ecliptic obliquity = 23°55'21, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'14, Lahiri = -31°37'13 Julian Calendar 1 June 2007 BCE == Greg. Calendar 15 May 2007 BCE

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

JULY 2007 BCE (-2006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 27 23	20♊20'22	14♋ 2	23°R36	27♋37	21♊ 9	6♋31	6♈47	13♈ 4	16♎44	19♊13	20°R38	19♎23	14♓50	n.a.	T 1
W 2	17 31 19	21°18'05	28°10	22♊46	28°48	21°47	6°44	6°51	13° 5	16°45	19°14	20♎29	19°20	14°57	n.a.	W 2
T 3	17 35 16	22°15'49	12♎25	21°55	29°59	22°26	6°57	6°55	13° 7	16°47	19°16	20°22	19°17	15° 3	n.a.	T 3
F 4	17 39 13	23°13'34	26°42	21° 6	1♎ 9	23° 4	7°10	6°59	13° 9	16°48	19°18	20°17	19°14	15°10	n.a.	F 4
S 5	17 43 9	24°11'20	10♍56	20°18	2°20	23°42	7°23	7° 2	13°10	16°50	19°20	20°14	19°11	15°17	n.a.	S 5
S 6	17 47 6	25° 9'08	25° 6	19°34	3°31	24°20	7°36	7° 6	13°12	16°51	19°22	20°D14	19° 8	15°23	n.a.	S 6
M 7	17 51 2	26° 6'57	9♎11	18°54	4°41	24°59	7°49	7° 9	13°14	16°53	19°23	20°14	19° 4	15°30	n.a.	M 7
T 8	17 54 59	27° 4'48	23° 9	18°18	5°52	25°37	8° 2	7°13	13°15	16°54	19°25	20°R14	19° 1	15°37	n.a.	T 8
W 9	17 58 55	28° 2'40	6♏59	17°48	7° 2	26°15	8°15	7°16	13°17	16°56	19°27	20°13	18°58	15°43	n.a.	W 9
T 10	18 2 52	29° 0'33	20°42	17°25	8°13	26°53	8°28	7°19	13°18	16°58	19°29	20°10	18°55	15°50	n.a.	T 10
F 11	18 6 48	29°58'28	4♐15	17° 8	9°23	27°32	8°41	7°22	13°19	16°59	19°31	20° 4	18°52	15°57	n.a.	F 11
S 12	18 10 45	0♋56'25	17°37	16°59	10°33	28°10	8°54	7°25	13°21	17° 1	19°32	19°55	18°49	16° 3	n.a.	S 12
S 13	18 14 42	1°54'23	0♑47	16°D57	11°43	28°48	9° 7	7°28	13°22	17° 3	19°34	19°44	18°45	16°10	n.a.	S 13
M14	18 18 38	2°52'24	13°42	17° 4	12°54	29°27	9°20	7°31	13°23	17° 4	19°36	19°32	18°42	16°17	n.a.	M14
T 15	18 22 35	3°50'26	26°22	17°19	14° 4	0♋ 5	9°33	7°34	13°24	17° 6	19°38	19°20	18°39	16°23	n.a.	T 15
W16	18 26 31	4°48'30	8♒48	17°42	15°14	0°43	9°46	7°36	13°25	17° 8	19°39	19° 9	18°36	16°30	n.a.	W16
T 17	18 30 28	5°46'36	20°59	18°13	16°23	1°22	9°59	7°39	13°27	17°10	19°41	18°59	18°33	16°37	n.a.	T 17
F 18	18 34 24	6°44'44	2♓59	18°52	17°33	2° 0	10°12	7°41	13°28	17°11	19°43	18°53	18°29	16°43	n.a.	F 18
S 19	18 38 21	7°42'54	14°51	19°39	18°43	2°39	10°25	7°43	13°29	17°13	19°45	18°48	18°26	16°50	n.a.	S 19
S 20	18 42 17	8°41'07	26°40	20°33	19°53	3°17	10°38	7°45	13°29	17°15	19°46	18°46	18°23	16°57	n.a.	S 20
M21	18 46 14	9°39'21	8♈30	21°35	21° 2	3°55	10°51	7°47	13°30	17°17	19°48	18°D46	18°20	17° 3	n.a.	M21
T 22	18 50 10	10°37'38	20°27	22°43	22°12	4°34	11° 4	7°49	13°31	17°19	19°50	18°R46	18°17	17°10	n.a.	T 22
W23	18 54 7	11°35'57	2♉37	23°58	23°21	5°12	11°17	7°51	13°32	17°21	19°52	18°45	18°14	17°17	n.a.	W23
T 24	18 58 4	12°34'18	15° 4	25°18	24°30	5°51	11°30	7°53	13°33	17°23	19°53	18°43	18°10	17°23	n.a.	T 24
F 25	19 2 0	13°32'42	27°53	26°44	25°40	6°29	11°44	7°55	13°33	17°25	19°55	18°39	18° 7	17°30	n.a.	F 25
S 26	19 5 57	14°31'08	11♊ 7	28°15	26°49	7° 8	11°57	7°56	13°34	17°26	19°57	18°31	18° 4	17°37	n.a.	S 26
S 27	19 9 53	15°29'36	24°46	29°50	27°58	7°46	12°10	7°57	13°35	17°28	19°58	18°22	18° 1	17°43	n.a.	S 27
M28	19 13 50	16°28'07	8♋49	1♋29	29° 7	8°25	12°23	7°59	13°35	17°30	20° 0	18°10	17°58	17°50	n.a.	M28
T 29	19 17 46	17°26'39	23°12	3°11	0♍16	9° 3	12°36	8° 0	13°36	17°32	20° 2	17°59	17°55	17°57	n.a.	T 29
W30	19 21 43	18°25'14	7♎47	4°56	1°24	9°42	12°49	8° 1	13°36	17°34	20° 3	17°47	17°51	18° 3	n.a.	W30
T 31	19 25 39	19♋23'50	22♎28	6♋43	2♍33	10♋20	13♋ 2	8♈ 2	13♈36	17♎36	20♊ 5	17♎38	17♎48	18♓10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n34	18n 9	5s 2	19n15	4s31	22n29	1n28	24n40	1n 3	24n35	0n49	0n28	2s29	4n45	0s33	17n40	1n37	30n 2	6n35	8s13	7s44	3s24		n.a.
W 2	23 38	16 1	5 2	19 13	4 31	22 13	1 26	24 43	1 3	24 34	0 49	0 29	2 30	4 46	0 33	17 40	1 36	30 2	6 35	8 10	7 43	3 22		n.a.
T 3	23 41	12 54	4 42	19 12	4 28	21 56	1 24	24 45	1 3	24 33	0 49	0 31	2 30	4 47	0 33	17 39	1 36	30 2	6 35	8 7	7 42	3 20		n.a.
F 4	23 45	9 1	4 6	19 14	4 24	21 38	1 22	24 48	1 4	24 33	0 49	0 32	2 30	4 47	0 33	17 39	1 36	30 2	6 35	8 5	7 41	3 18		n.a.
S 5	23 47	4 38	3 14	19 16	4 18	21 20	1 20	24 50	1 4	24 32	0 50	0 33	2 30	4 48	0 33	17 38	1 36	30 3	6 35	8 4	7 39	3 16		n.a.
S 6	23 50	0 0	2 10	19 21	4 10	21 1	1 17	24 52	1 4	24 31	0 50	0 35	2 31	4 49	0 33	17 38	1 36	30 3	6 35	8 4	7 38	3 14		n.a.
M 7	23 52	4s36	0 59	19 27	4 0	20 41	1 15	24 54	1 4	24 31	0 50	0 36	2 31	4 49	0 33	17 37	1 36	30 3	6 35	8 4	7 37	3 12		n.a.
T 8	23 53	8 56	0n15	19 35	3 49	20 21	1 13	24 55	1 5	24 30	0 50	0 37	2 31	4 50	0 33	17 37	1 36	30 3	6 35	8 4	7 36	3 10		n.a.
W 9	23 54	12 44	1 28	19 45	3 37	20 1	1 10	24 57	1 5	24 29	0 50	0 38	2 31	4 50	0 33	17 36	1 36	30 4	6 35	8 3	7 34	3 9		n.a.
T 10	23 55	15 48	2 34	19 57	3 23	19 40	1 7	24 58	1 5	24 28	0 50	0 39	2 32	4 51	0 33	17 35	1 36	30 4	6 35	8 2	7 33	3 7		n.a.
F 11	23 55	17 58	3 31	20 10	3 8	19 18	1 5	24 59	1 5	24 28	0 50	0 40	2 32	4 51	0 33	17 35	1 36	30 4	6 36	8 0	7 32	3 5		n.a.
S 12	23 55	19 5	4 16	20 24	2 53	18 56	1 2	25 0	1 5	24 27	0 50	0 41	2 32	4 52	0 33	17 34	1 36	30 4	6 36	7 57	7 31	3 3		n.a.
S 13	23 54	19 10	4 45	20 40	2 37	18 34	0 59	25 1	1 6	24 26	0 50	0 42	2 32	4 52	0 33	17 34	1 36	30 5	6 36	7 52	7 29	3 1		n.a.
M14	23 53	18 14	5 0	20 58	2 20	18 11	0 56	25 1	1 6	24 25	0 50	0 43	2 33	4 53	0 33	17 33	1 36	30 5	6 36	7 48	7 28	2 59		n.a.
T 15	23 52	16 24	4 59	21 16	2 3	17 47	0 53	25 1	1 6	24 24	0 50	0 44	2 33	4 53	0 33	17 33	1 36	30 5	6 36	7 43	7 27	2 57		n.a.
W16	23 50	13 51	4 44	21 35	1 46	17 24	0 50	25 2	1 6	24 23	0 50	0 44	2 33	4 54	0 33	17 32	1 36	30 5	6 36	7 39	7 26	2 55		n.a.
T 17	23 48	10 45	4 16	21 55	1 29	16 59	0 47	25 1	1 7	24 22	0 50	0 45	2 33	4 54	0 33	17 32	1 36	30 6	6 36	7 35	7 25	2 53		n.a.
F 18	23 45	7 14	3 38	22 15	1 12	16 35	0 44	25 1	1 7	24 22	0 50	0 46	2 34	4 55	0 33	17 31	1 36	30 6	6 36	7 32	7 23	2 51		n.a.
S 19	23 42	3 29	2 50	22 35	0 56	16 10	0 41	25 1	1 7	24 21	0 50	0 46	2 34	4 55	0 33	17 30	1 36	30 6	6 36	7 31	7 22	2 49		n.a.
S 20	23 38	0n23	1 54	22 55	0 40	15 44	0 37	25 0	1 7	24 20	0 51	0 47	2 34	4 55	0 33	17 30	1 36	30 6	6 37	7 30	7 21	2 47		n.a.
M21	23 34	4 16	0 54	23 15	0 24	15 18	0 34	24 59	1 7	24 19	0 51	0 48	2 34	4 56	0 33	17 29	1 36	30 7	6 37	7 30	7 20	2 45		n.a.
T 22	23 29	8 0	0s 9	23 34	0 9	14 52	0 30	24 58	1 8	24 18	0 51	0 48	2 35	4 56	0 33	17 29	1 36	30 7	6 37	7 30	7 18	2 43		n.a.
W23	23 24	11 29	1 13	23 52	0n 5	14 25	0 27	24 57	1 8	24 16	0 51	0 49	2 35	4 56	0 33	17 28	1 36	30 7	6 37	7 29	7 17	2 41		n.a.
T 24	23 19	14 32	2 15	24 8	0 18	13 59	0 23	24 55	1 8	24 15	0 51	0 49	2 35	4 56	0 33	17 27	1 36	30 8	6 37	7 29	7 16	2 39		n.a.
F 25	23 13	16 59	3 11	24 23	0 30	13 31	0 19	24 54	1 8	24 14	0 51	0 50	2 35	4 57	0 33	17 27	1 36	30 8	6 37	7 27	7 15	2 37		n.a.
S 26	23 7	18 36	4 0	24 37	0 42	13 4	0 15	24 52	1 8	24 13	0 51	0 50	2 36	4 57	0 33	17 26	1 36	30 8	6 37	7 24	7 13	2 36		n.a.
S 27	23 0	19 13	4 36	24 48	0 53	12 36	0 11	24 50	1 8	24 12	0 51	0 50	2 36	4 57	0 33	17 25	1 36	30 8	6 38	7 20	7 12	2 34		n.a.
M28	22 53	18 41	4 57	24 57	1 2	12 8	0 7	24 47	1 9	24 11	0 51	0 50	2 36	4 57	0 33	17 25	1 36	30 9	6 38	7 16	7 11	2 32		n.a.
T 29	22 45	16 58	4 59	25 4	1 11	11 39	0 3	24 45	1 9	24 10	0 51	0 51	2 37	4 57	0 33	17 24	1 36	30 9	6 38	7 11	7 10	2 30		n.a.
W30	22 38	14 8	4 43	25 8	1 19	11 11	0s 1	24 42	1 9	24 9	0 51	0 51	2 37	4 58	0 33	17 24	1 36	30 9	6 38	7 7	7 9	2 28		n.a.
T 31	22n29	10n25	4s 7	25n10	1n26	10n42	0s 5	24n40	1n 9	24n 7	0n51	0n51	2s37	4n58	0s33	17n23	1n36	30n10	6n38	7s 3	7s 7	2s26		n.a.

Julian Day Number = 988547.5, Delta T = 13h05m16s
Ecliptic obliquity = 23°55'20, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'10, Lahiri = -31°37'09 Julian Calendar 1 July 2007 BCE == Greg. Calendar 14 June 2007 BCE

The year -2006 astronomical counting style corresponds to year 2007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

AUGUST 2007 BCE (-2006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 29 36	20♋22'28	7♍ 7	8♋31	3♍42	10♋59	13♋15	8♈ 3	13♈37	17♎38	20♊ 7	17°R31	17♏45	18♓17	n.a.	F 1
S 2	19 33 33	21°21'08	21°38	10°22	4°50	11°37	13°28	8° 4	13°37	17°40	20° 8	17♏27	17°42	18°23	n.a.	S 2
S 3	19 37 29	22°19'50	5♏57	12°13	5°58	12°16	13°41	8° 4	13°37	17°43	20°10	17°26	17°39	18°30	n.a.	S 3
M 4	19 41 26	23°18'34	20° 2	14° 5	7° 7	12°54	13°54	8° 5	13°37	17°45	20°11	17°26	17°35	18°37	n.a.	M 4
T 5	19 45 22	24°17'20	3♏52	15°57	8°15	13°33	14° 7	8° 5	13°37	17°47	20°13	17°25	17°32	18°43	n.a.	T 5
W 6	19 49 19	25°16'08	17°29	17°49	9°23	14°12	14°20	8° 5	13°37	17°49	20°14	17°24	17°29	18°50	n.a.	W 6
T 7	19 53 15	26°14'57	0♐53	19°41	10°30	14°50	14°33	8° 6	13°R37	17°51	20°16	17°20	17°26	18°57	n.a.	T 7
F 8	19 57 12	27°13'49	14° 5	21°33	11°38	15°29	14°46	8°R 6	13°37	17°53	20°17	17°14	17°23	19° 3	n.a.	F 8
S 9	20 1 8	28°12'42	27° 5	23°25	12°46	16° 8	14°59	8° 6	13°37	17°55	20°19	17° 5	17°20	19°10	n.a.	S 9
S 10	20 5 5	29°11'38	9♑54	25°16	13°53	16°46	15°12	8° 5	13°37	17°57	20°20	16°53	17°16	19°17	n.a.	S 10
M11	20 9 1	0♒10'35	22°31	27° 7	15° 0	17°25	15°25	8° 5	13°37	17°59	20°22	16°40	17°13	19°23	n.a.	M11
T 12	20 12 58	1° 9'35	4♒57	28°57	16° 7	18° 4	15°38	8° 5	13°37	18° 2	20°23	16°27	17°10	19°30	n.a.	T 12
W13	20 16 55	2° 8'37	17°12	0♒46	17°14	18°42	15°50	8° 4	13°36	18° 4	20°25	16°15	17° 7	19°37	n.a.	W13
T 14	20 20 51	3° 7'41	29°16	2°35	18°21	19°21	16° 3	8° 4	13°36	18° 6	20°26	16° 4	17° 4	19°43	n.a.	T 14
F 15	20 24 48	4° 6'48	11♓11	4°22	19°28	20° 0	16°16	8° 3	13°36	18° 8	20°28	15°57	17° 0	19°50	n.a.	F 15
S 16	20 28 44	5° 5'57	23° 0	6° 9	20°34	20°39	16°29	8° 2	13°35	18°10	20°29	15°52	16°57	19°57	n.a.	S 16
S 17	20 32 41	6° 5'08	4♈47	7°55	21°41	21°17	16°42	8° 1	13°35	18°12	20°30	15°49	16°54	20° 3	n.a.	S 17
M18	20 36 37	7° 4'22	16°36	9°40	22°47	21°56	16°54	8° 0	13°34	18°15	20°32	15°D49	16°51	20°10	n.a.	M18
T 19	20 40 34	8° 3'38	28°31	11°25	23°53	22°35	17° 7	7°59	13°34	18°17	20°33	15°49	16°48	20°17	n.a.	T 19
W20	20 44 30	9° 2'57	10♉39	13° 8	24°59	23°14	17°20	7°58	13°33	18°19	20°34	15°R49	16°45	20°23	n.a.	W20
T 21	20 48 27	10° 2'18	23° 4	14°51	26° 4	23°53	17°32	7°56	13°32	18°21	20°36	15°48	16°41	20°30	n.a.	T 21
F 22	20 52 23	11° 1'42	5♊51	16°33	27°10	24°31	17°45	7°55	13°31	18°24	20°37	15°46	16°38	20°37	n.a.	F 22
S 23	20 56 20	12° 1'08	19° 5	18°14	28°15	25°10	17°57	7°53	13°31	18°26	20°38	15°40	16°35	20°43	n.a.	S 23
S 24	21 0 17	13° 0'37	2♋48	19°54	29°20	25°49	18°10	7°52	13°30	18°28	20°39	15°33	16°32	20°50	n.a.	S 24
M25	21 4 13	14° 0'08	16°59	21°33	0♏25	26°28	18°22	7°50	13°29	18°30	20°41	15°24	16°29	20°57	n.a.	M25
T 26	21 8 10	14°59'41	1♌34	23°12	1°30	27° 7	18°35	7°48	13°28	18°33	20°42	15°14	16°26	21° 3	n.a.	T 26
W27	21 12 6	15°59'17	16°27	24°50	2°34	27°46	18°47	7°46	13°27	18°35	20°43	15° 5	16°22	21°10	n.a.	W27
T 28	21 16 3	16°58'55	1♍30	26°27	3°38	28°25	18°59	7°44	13°26	18°37	20°44	14°57	16°19	21°17	n.a.	T 28
F 29	21 19 59	17°58'35	16°32	28° 3	4°42	29° 4	19°11	7°41	13°25	18°39	20°45	14°52	16°16	21°23	n.a.	F 29
S 30	21 23 56	18°58'17	1♏25	29°39	5°46	29°43	19°24	7°39	13°24	18°41	20°46	14°49	16°13	21°30	n.a.	S 30
S 31	21 27 52	19♒58'01	16♏ 2	1♍14	6♏49	0♒22	19♋36	7♈37	13♈22	18♒44	20♊47	14°D48	16♏10	21♓37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n20	6n 3	3s16	25n10	1n32	10n13	0s 9	24n37	1n 9	24n 6	0n52	0n51	2s37	4n58	0s33	17n22	1n36	30n10	6n38	7s 1	7s 6	2s24		n.a.
S 2	22 11	1 22	2 12	25 7	1 37	9 43	0 13	24 33	1 10	24 5	0 52	0 51	2 38	4 58	0 33	17 22	1 36	30 10	6 39	6 59	7 5	2 22		n.a.
S 3	22 2	3s20	1 0	25 1	1 41	9 14	0 18	24 30	1 10	24 4	0 52	0 51	2 38	4 58	0 33	17 21	1 36	30 10	6 39	6 59	7 4	2 20		n.a.
M 4	21 52	7 46	0n14	24 53	1 44	8 44	0 22	24 26	1 10	24 2	0 52	0 51	2 38	4 58	0 33	17 20	1 36	30 11	6 39	6 59	7 2	2 18		n.a.
T 5	21 41	11 43	1 26	24 43	1 47	8 14	0 26	24 23	1 10	24 1	0 52	0 51	2 38	4 58	0 33	17 20	1 36	30 11	6 39	6 58	7 1	2 16		n.a.
W 6	21 31	14 58	2 32	24 30	1 48	7 44	0 31	24 19	1 10	24 0	0 52	0 51	2 39	4 58	0 34	17 19	1 36	30 11	6 39	6 58	7 0	2 14		n.a.
T 7	21 20	17 21	3 28	24 15	1 50	7 14	0 35	24 15	1 10	23 58	0 52	0 51	2 39	4 58	0 34	17 18	1 36	30 12	6 39	6 56	6 59	2 12		n.a.
F 8	21 8	18 46	4 13	23 58	1 50	6 44	0 40	24 10	1 11	23 57	0 52	0 51	2 39	4 58	0 34	17 18	1 36	30 12	6 40	6 54	6 57	2 10		n.a.
S 9	20 56	19 10	4 43	23 39	1 50	6 13	0 45	24 6	1 11	23 56	0 52	0 50	2 39	4 58	0 34	17 17	1 36	30 12	6 40	6 50	6 56	2 8		n.a.
S 10	20 44	18 35	4 59	23 18	1 49	5 43	0 49	24 1	1 11	23 54	0 53	0 50	2 40	4 58	0 34	17 16	1 36	30 13	6 40	6 46	6 55	2 6		n.a.
M11	20 31	17 5	4 59	22 55	1 48	5 12	0 54	23 56	1 11	23 53	0 53	0 50	2 40	4 58	0 34	17 16	1 36	30 13	6 40	6 41	6 54	2 4		n.a.
T 12	20 18	14 48	4 46	22 31	1 46	4 41	0 59	23 51	1 11	23 52	0 53	0 49	2 40	4 58	0 34	17 15	1 36	30 13	6 40	6 36	6 52	2 3		n.a.
W13	20 5	11 53	4 19	22 4	1 44	4 10	1 3	23 46	1 11	23 50	0 53	0 49	2 41	4 58	0 34	17 14	1 36	30 13	6 41	6 31	6 51	2 1		n.a.
T 14	19 51	8 31	3 41	21 37	1 41	3 39	1 8	23 40	1 11	23 49	0 53	0 48	2 41	4 57	0 34	17 13	1 36	30 14	6 41	6 27	6 50	1 59		n.a.
F 15	19 37	4 51	2 53	21 8	1 38	3 8	1 13	23 35	1 11	23 47	0 53	0 48	2 41	4 57	0 34	17 13	1 36	30 14	6 41	6 24	6 49	1 57		n.a.
S 16	19 23	1 2	1 58	20 38	1 34	2 37	1 18	23 29	1 12	23 46	0 53	0 47	2 41	4 57	0 34	17 12	1 36	30 14	6 41	6 22	6 47	1 55		n.a.
S 17	19 8	2n50	0 58	20 7	1 30	2 6	1 23	23 23	1 12	23 44	0 53	0 47	2 42	4 57	0 34	17 11	1 36	30 15	6 41	6 21	6 46	1 53		n.a.
M18	18 53	6 35	0s 4	19 34	1 26	1 35	1 28	23 17	1 12	23 43	0 53	0 46	2 42	4 57	0 34	17 11	1 36	30 15	6 42	6 21	6 45	1 51		n.a.
T 19	18 37	10 7	1 7	19 1	1 22	1 4	1 33	23 10	1 12	23 41	0 54	0 45	2 42	4 56	0 34	17 10	1 36	30 15	6 42	6 21	6 44	1 49		n.a.
W20	18 21	13 17	2 9	18 26	1 17	0 33	1 38	23 4	1 12	23 40	0 54	0 45	2 42	4 56	0 34	17 9	1 36	30 16	6 42	6 21	6 43	1 47		n.a.
T 21	18 5	15 56	3 5	17 51	1 12	0 2	1 43	22 57	1 12	23 38	0 54	0 44	2 43	4 56	0 34	17 9	1 36	30 16	6 42	6 20	6 41	1 45		n.a.
F 22	17 49	17 52	3 54	17 15	1 7	0s29	1 48	22 50	1 12	23 37	0 54	0 43	2 43	4 55	0 34	17 8	1 36	30 16	6 42	6 19	6 40	1 43		n.a.
S 23	17 32	18 56	4 33	16 38	1 1	1 0	1 53	22 43	1 12	23 35	0 54	0 42	2 43	4 55	0 34	17 7	1 36	30 17	6 43	6 17	6 39	1 41		n.a.
S 24	17 15	18 56	4 57	16 1	0 55	1 31	1 58	22 36	1 13	23 33	0 54	0 41	2 43	4 55	0 34	17 6	1 36	30 17	6 43	6 14	6 38	1 39		n.a.
M25	16 57	17 47	5 4	15 23	0 50	2 2	2 3	22 28	1 13	23 32	0 54	0 40	2 43	4 54	0 34	17 6	1 36	30 17	6 43	6 11	6 36	1 37		n.a.
T 26	16 40	15 28	4 52	14 45	0 44	2 33	2 8	22 21	1 13	23 30	0 55	0 39	2 44	4 54	0 34	17 5	1 36	30 17	6 43	6 7	6 35	1 35		n.a.
W27	16 22	12 5	4 21	14 6	0 37	3 4	2 13	22 13	1 13	23 29	0 55	0 38	2 44	4 53	0 34	17 4	1 36	30 18	6 44	6 3	6 34	1 34		n.a.
T 28	16 4	7 53	3 31	13 26	0 31	3 34	2 18	22 5	1 13	23 27	0 55	0 37	2 44	4 53	0 34	17 4	1 36	30 18	6 44	6 0	6 33	1 32		n.a.
F 29	15 45	3 11	2 26	12 46	0 25	4 5	2 23	21 57	1 13	23 25	0 55	0 36	2 44	4 53	0 34	17 3	1 36	30 18	6 44	5 58	6 31	1 30		n.a.
S 30	15 26	1s40	1 11	12 6	0 18	4 35	2 28	21 49	1 13	23 24	0 55	0 35	2 45	4 52	0 34	17 2	1 36	30 19	6 44	5 57	6 30	1 28		n.a.
S 31	15n 7	6s20	0n 7	11n26	0n12	5s 5	2s32	21n40	1n13	23n22	0n55	0n34	2s45	4n52	0s34	17n 2	1n36	30n19	6n44	5s57	6s29	1s26		n.a.

Julian Day Number = 988578.5, Delta T = 13h05m14s
Ecliptic obliquity = 23°55'20, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'05, Lahiri = -31°37'05 Julian Calendar 1 Aug. 2007 BCE == Greg. Calendar 15 July 2007 BCE

The year -2006 astronomical counting style corresponds to year 2007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

SEPTEMBER 2007 BCE (-2006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 31 49	20♌57'47	0♏19	2♍48	7♎53	1♌ 1	19♋48	7°R34	13°R21	18♌46	20♊49	14♎49	16♎ 6	21♓43	n.a.	M 1
T 2	21 35 45	21°57'34	14°15	4°22	8°55	1°40	20° 0	7♈32	13♈20	18°48	20°50	14°50	16° 3	21°50	n.a.	T 2
W 3	21 39 42	22°57'24	27°50	5°55	9°58	2°19	20°12	7°29	13°19	18°50	20°51	14°R50	16° 0	21°57	n.a.	W 3
T 4	21 43 38	23°57'16	11♐ 6	7°27	11° 0	2°58	20°24	7°26	13°17	18°53	20°52	14°48	15°57	22° 3	n.a.	T 4
F 5	21 47 35	24°57'09	24° 5	8°59	12° 3	3°37	20°36	7°23	13°16	18°55	20°52	14°44	15°54	22°10	n.a.	F 5
S 6	21 51 32	25°57'04	6♑49	10°30	13° 4	4°16	20°48	7°20	13°14	18°57	20°53	14°39	15°51	22°17	n.a.	S 6
S 7	21 55 28	26°57'01	19°21	12° 1	14° 6	4°56	20°59	7°17	13°13	18°59	20°54	14°31	15°47	22°23	n.a.	S 7
M 8	21 59 25	27°57'00	1♒42	13°31	15° 7	5°35	21°11	7°14	13°11	19° 2	20°55	14°22	15°44	22°30	n.a.	M 8
T 9	22 3 21	28°57'01	13°53	15° 0	16° 7	6°14	21°23	7°10	13°10	19° 4	20°56	14°13	15°41	22°37	n.a.	T 9
W10	22 7 18	29°57'04	25°56	16°28	17° 8	6°53	21°34	7° 7	13° 8	19° 6	20°57	14° 5	15°38	22°43	n.a.	W10
T 11	22 11 14	0♍57'09	7♓53	17°56	18° 8	7°32	21°46	7° 4	13° 6	19° 8	20°58	13°58	15°35	22°50	n.a.	T 11
F 12	22 15 11	1°57'16	19°44	19°24	19° 7	8°11	21°57	7° 0	13° 5	19°10	20°59	13°53	15°32	22°56	n.a.	F 12
S 13	22 19 7	2°57'25	1♈31	20°50	20° 7	8°51	22° 9	6°57	13° 3	19°13	20°59	13°50	15°28	23° 3	n.a.	S 13
S 14	22 23 4	3°57'36	13°18	22°16	21° 5	9°30	22°20	6°53	13° 1	19°15	21° 0	13°D49	15°25	23°10	n.a.	S 14
M15	22 27 0	4°57'50	25° 7	23°41	22° 4	10° 9	22°31	6°49	12°59	19°17	21° 1	13°50	15°22	23°16	n.a.	M15
T 16	22 30 57	5°58'05	7♉ 3	25° 6	23° 2	10°48	22°42	6°45	12°57	19°19	21° 1	13°51	15°19	23°23	n.a.	T 16
W17	22 34 54	6°58'23	19°10	26°29	23°59	11°28	22°54	6°41	12°56	19°21	21° 2	13°53	15°16	23°30	n.a.	W17
T 18	22 38 50	7°58'43	1♊33	27°52	24°56	12° 7	23° 5	6°37	12°54	19°23	21° 3	13°54	15°12	23°36	n.a.	T 18
F 19	22 42 47	8°59'05	14°16	29°14	25°52	12°47	23°16	6°33	12°52	19°26	21° 3	13°R54	15° 9	23°43	n.a.	F 19
S 20	22 46 43	9°59'30	27°23	0♎35	26°48	13°26	23°26	6°29	12°50	19°28	21° 4	13°53	15° 6	23°50	n.a.	S 20
S 21	22 50 40	10°59'56	10♋59	1°55	27°44	14° 5	23°37	6°25	12°48	19°30	21° 4	13°50	15° 3	23°56	n.a.	S 21
M22	22 54 36	12° 0'25	25° 3	3°13	28°39	14°45	23°48	6°21	12°46	19°32	21° 5	13°46	15° 0	24° 3	n.a.	M22
T 23	22 58 33	13° 0'56	9♌35	4°31	29°33	15°24	23°58	6°16	12°43	19°34	21° 5	13°41	14°57	24°10	n.a.	T 23
W24	23 2 29	14° 1'28	24°29	5°46	0♏27	16° 4	24° 9	6°12	12°41	19°36	21° 6	13°37	14°53	24°16	n.a.	W24
T 25	23 6 26	15° 2'03	9♍39	7° 1	1°20	16°43	24°19	6° 7	12°39	19°38	21° 6	13°33	14°50	24°23	n.a.	T 25
F 26	23 10 23	16° 2'39	24°53	8°13	2°12	17°23	24°30	6° 3	12°37	19°40	21° 7	13°31	14°47	24°30	n.a.	F 26
S 27	23 14 19	17° 3'17	10♎ 3	9°24	3° 4	18° 2	24°40	5°58	12°35	19°42	21° 7	13°D30	14°44	24°36	n.a.	S 27
S 28	23 18 16	18° 3'56	24°59	10°32	3°55	18°42	24°50	5°54	12°33	19°44	21° 7	13°30	14°41	24°43	n.a.	S 28
M29	23 22 12	19° 4'37	9♏34	11°38	4°46	19°21	25° 0	5°49	12°30	19°46	21° 8	13°31	14°37	24°50	n.a.	M29
T 30	23 26 9	20♍ 5'20	23♏44	12♎40	5♏35	20♌ 1	25♋10	5♈44	12♈28	19♌48	21♊ 8	13♎33	14♎34	24♓56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n48	10s32	1n23	10n45	0n 5	5s35	2s37	21n32	1n13	23n20	0n55	0n33	2s45	4n51	0s34	17n 1	1n36	30n19	6n45	5s57	6s28	1s24		n.a.
T 2	14 28	14 1	2 32	10 4	0s 2	6 5	2 42	21 23	1 13	23 19	0 56	0 31	2 45	4 51	0 34	17 0	1 36	30 20	6 45	5 57	6 26	1 22		n.a.
W 3	14 8	16 40	3 30	9 23	0 9	6 35	2 47	21 14	1 14	23 17	0 56	0 30	2 45	4 50	0 34	16 59	1 36	30 20	6 45	5 57	6 25	1 20		n.a.
T 4	13 48	18 20	4 16	8 42	0 16	7 4	2 52	21 5	1 14	23 15	0 56	0 29	2 46	4 50	0 34	16 59	1 36	30 20	6 45	5 57	6 24	1 18		n.a.
F 5	13 28	18 59	4 48	8 1	0 22	7 34	2 57	20 56	1 14	23 14	0 56	0 27	2 46	4 49	0 34	16 58	1 36	30 21	6 46	5 55	6 23	1 16		n.a.
S 6	13 7	18 40	5 5	7 20	0 29	8 3	3 2	20 46	1 14	23 12	0 56	0 26	2 46	4 48	0 34	16 57	1 36	30 21	6 46	5 53	6 21	1 14		n.a.
S 7	12 47	17 26	5 7	6 38	0 36	8 31	3 7	20 37	1 14	23 10	0 56	0 25	2 46	4 48	0 34	16 57	1 36	30 21	6 46	5 50	6 20	1 12		n.a.
M 8	12 26	15 24	4 54	5 57	0 43	9 0	3 11	20 27	1 14	23 9	0 57	0 23	2 46	4 47	0 34	16 56	1 36	30 22	6 46	5 47	6 19	1 10		n.a.
T 9	12 4	12 43	4 28	5 16	0 50	9 28	3 16	20 17	1 14	23 7	0 57	0 22	2 47	4 46	0 34	16 55	1 36	30 22	6 47	5 43	6 18	1 8		n.a.
W10	11 43	9 31	3 50	4 34	0 57	9 56	3 21	20 7	1 14	23 5	0 57	0 20	2 47	4 46	0 34	16 55	1 36	30 22	6 47	5 40	6 16	1 6		n.a.
T 11	11 21	5 58	3 3	3 53	1 3	10 24	3 25	19 57	1 14	23 4	0 57	0 19	2 47	4 45	0 34	16 54	1 36	30 22	6 47	5 37	6 15	1 5		n.a.
F 12	10 59	2 12	2 7	3 12	1 10	10 52	3 30	19 47	1 14	23 2	0 57	0 17	2 47	4 44	0 34	16 53	1 36	30 23	6 47	5 35	6 14	1 3		n.a.
S 13	10 37	1n38	1 7	2 32	1 17	11 19	3 35	19 36	1 14	23 0	0 57	0 15	2 47	4 44	0 34	16 52	1 36	30 23	6 48	5 34	6 13	1 1		n.a.
S 14	10 15	5 24	0 3	1 51	1 23	11 46	3 39	19 25	1 14	22 59	0 58	0 14	2 47	4 43	0 34	16 52	1 36	30 23	6 48	5 34	6 11	0 59		n.a.
M15	9 53	8 58	1s 1	1 11	1 30	12 12	3 43	19 15	1 14	22 57	0 58	0 12	2 48	4 42	0 34	16 51	1 36	30 24	6 48	5 34	6 10	0 57		n.a.
T 16	9 30	12 12	2 4	0 31	1 36	12 38	3 48	19 4	1 14	22 55	0 58	0 10	2 48	4 42	0 34	16 50	1 36	30 24	6 48	5 34	6 9	0 55		n.a.
W17	9 8	14 58	3 1	0s 8	1 42	13 4	3 52	18 53	1 14	22 53	0 58	0 9	2 48	4 41	0 34	16 50	1 36	30 24	6 49	5 35	6 8	0 53		n.a.
T 18	8 45	17 6	3 52	0 47	1 48	13 29	3 56	18 42	1 14	22 52	0 58	0 7	2 48	4 40	0 34	16 49	1 36	30 25	6 49	5 36	6 6	0 51		n.a.
F 19	8 22	18 28	4 32	1 26	1 54	13 54	4 0	18 30	1 14	22 50	0 58	0 5	2 48	4 39	0 34	16 48	1 36	30 25	6 49	5 36	6 5	0 49		n.a.
S 20	7 58	18 53	5 0	2 4	2 0	14 19	4 4	18 19	1 14	22 48	0 59	0 3	2 48	4 38	0 34	16 48	1 36	30 25	6 49	5 35	6 4	0 47		n.a.
S 21	7 35	18 16	5 13	2 41	2 6	14 43	4 8	18 7	1 14	22 47	0 59	0 2	2 48	4 38	0 34	16 47	1 36	30 26	6 50	5 34	6 3	0 45		n.a.
M22	7 12	16 31	5 7	3 18	2 11	15 7	4 12	17 55	1 15	22 45	0 59	0s 0	2 48	4 37	0 34	16 46	1 36	30 26	6 50	5 32	6 1	0 43		n.a.
T 23	6 48	13 41	4 42	3 54	2 16	15 30	4 15	17 44	1 15	22 43	0 59	0 2	2 49	4 36	0 34	16 46	1 36	30 26	6 50	5 30	6 0	0 41		n.a.
W24	6 24	9 54	3 57	4 29	2 20	15 53	4 19	17 32	1 15	22 41	0 59	0 4	2 49	4 35	0 34	16 45	1 36	30 26	6 50	5 29	5 59	0 39		n.a.
T 25	6 1	5 24	2 55	5 3	2 25	16 15	4 22	17 19	1 15	22 40	1 0	0 6	2 49	4 34	0 34	16 45	1 36	30 27	6 51	5 27	5 58	0 38		n.a.
F 26	5 37	0 32	1 41	5 36	2 29	16 37	4 26	17 7	1 15	22 38	1 0	0 8	2 49	4 33	0 34	16 44	1 36	30 27	6 51	5 26	5 56	0 36		n.a.
S 27	5 13	4s21	0 19	6 7	2 32	16 59	4 29	16 55	1 15	22 36	1 0	0 10	2 49	4 33	0 34	16 43	1 36	30 27	6 51	5 26	5 55	0 34		n.a.
S 28	4 49	8 53	1n 3	6 37	2 35	17 20	4 32	16 42	1 15	22 35	1 0	0 11	2 49	4 32	0 34	16 43	1 36	30 28	6 52	5 26	5 54	0 32		n.a.
M29	4 24	12 47	2 19	7 6	2 38	17 40	4 35	16 30	1 15	22 33	1 1	0 13	2 49	4 31	0 34	16 42	1 36	30 28	6 52	5 26	5 53	0 30		n.a.
T 30	4n 0	15s47	3n24	7s33	2s40	18s 0	4s38	16n17	1n15	22n32	1n 1	0s15	2s49	4n30	0s34	16n41	1n36	30n28	6n52	5s27	5s51	0s28		n.a.

Julian Day Number = 988609.5, Delta T = 13h05m12s
Ecliptic obliquity = 23°55'21, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°44'01, Lahiri = -31°37'01 Julian Calendar 1 Sept. 2007 BCE == Greg. Calendar 15 Aug. 2007 BCE

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

OCTOBER 2007 BCE (-2006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 30 5	21♍ 6'04	7♐28	13♎40	6♏24	20♌40	25♋20	5°R40	12°R26	19♌50	21♊ 8	13♎34	14♎31	25♓ 3	n.a.	W 1
T 2	23 34 2	22° 6'49	20°48	14°36	7°12	21°20	25°30	5♈35	12♈23	19°52	21° 9	13°R35	14°28	25°10	n.a.	T 2
F 3	23 37 58	23° 7'35	3♑45	15°28	7°59	22° 0	25°39	5°30	12°21	19°54	21° 9	13°34	14°25	25°16	n.a.	F 3
S 4	23 41 55	24° 8'23	16°23	16°16	8°45	22°39	25°49	5°25	12°19	19°56	21° 9	13°33	14°22	25°23	n.a.	S 4
S 5	23 45 51	25° 9'12	28°45	16°58	9°31	23°19	25°58	5°20	12°16	19°58	21° 9	13°31	14°18	25°30	n.a.	S 5
M 6	23 49 48	26°10'02	10♒55	17°34	10°15	23°59	26° 8	5°16	12°14	20° 0	21° 9	13°28	14°15	25°36	n.a.	M 6
T 7	23 53 45	27°10'53	22°56	18° 4	10°58	24°38	26°17	5°11	12°12	20° 2	21° 9	13°25	14°12	25°43	n.a.	T 7
W 8	23 57 41	28°11'45	4♓50	18°27	11°40	25°18	26°26	5° 6	12° 9	20° 4	21° 9	13°23	14° 9	25°50	n.a.	W 8
T 9	0 1 38	29°12'39	16°40	18°41	12°21	25°58	26°35	5° 1	12° 7	20° 6	21° 9	13°21	14° 6	25°56	n.a.	T 9
F 10	0 5 34	0♎13'34	28°28	18°R47	13° 1	26°37	26°44	4°56	12° 4	20° 8	21°R 9	13°19	14° 3	26° 3	n.a.	F 10
S 11	0 9 31	1°14'31	10♈17	18°43	13°40	27°17	26°53	4°51	12° 2	20° 9	21° 9	13°D19	13°59	26° 9	n.a.	S 11
S 12	0 13 27	2°15'28	22° 8	18°29	14°17	27°57	27° 1	4°46	11°59	20°11	21° 9	13°19	13°56	26°16	n.a.	S 12
M13	0 17 24	3°16'27	4♉ 3	18° 4	14°53	28°37	27°10	4°41	11°57	20°13	21° 9	13°20	13°53	26°23	n.a.	M13
T 14	0 21 20	4°17'28	16° 6	17°29	15°28	29°17	27°18	4°36	11°54	20°15	21° 9	13°21	13°50	26°29	n.a.	T 14
W15	0 25 17	5°18'29	28°18	16°42	16° 2	29°57	27°26	4°31	11°52	20°16	21° 9	13°21	13°47	26°36	n.a.	W15
T 16	0 29 14	6°19'33	10♊44	15°46	16°33	0♍36	27°34	4°26	11°49	20°18	21° 9	13°22	13°43	26°43	n.a.	T 16
F 17	0 33 10	7°20'37	23°27	14°40	17° 4	1°16	27°43	4°21	11°47	20°20	21° 9	13°23	13°40	26°49	n.a.	F 17
S 18	0 37 7	8°21'43	6♋30	13°26	17°33	1°56	27°50	4°16	11°44	20°21	21° 8	13°R23	13°37	26°56	n.a.	S 18
S 19	0 41 3	9°22'50	19°55	12° 7	18° 0	2°36	27°58	4°11	11°42	20°23	21° 8	13°23	13°34	27° 3	n.a.	S 19
M20	0 45 0	10°23'59	3♌46	10°45	18°25	3°16	28° 6	4° 6	11°39	20°25	21° 8	13°23	13°31	27° 9	n.a.	M20
T 21	0 48 56	11°25'09	18° 2	9°22	18°49	3°56	28°13	4° 1	11°36	20°26	21° 8	13°22	13°28	27°16	n.a.	T 21
W22	0 52 53	12°26'20	2♍41	8° 2	19°11	4°36	28°21	3°56	11°34	20°28	21° 7	13°22	13°24	27°23	n.a.	W22
T 23	0 56 49	13°27'32	17°38	6°47	19°31	5°16	28°28	3°51	11°31	20°29	21° 7	13°D22	13°21	27°29	n.a.	T 23
F 24	1 0 46	14°28'44	2♎47	5°40	19°49	5°56	28°35	3°46	11°29	20°31	21° 6	13°22	13°18	27°36	n.a.	F 24
S 25	1 4 43	15°29'58	17°57	4°42	20° 5	6°36	28°42	3°41	11°26	20°32	21° 6	13°R22	13°15	27°43	n.a.	S 25
S 26	1 8 39	16°31'13	3♏ 0	3°54	20°19	7°16	28°49	3°37	11°24	20°34	21° 6	13°22	13°12	27°49	n.a.	S 26
M27	1 12 36	17°32'28	17°46	3°17	20°30	7°56	28°55	3°32	11°21	20°35	21° 5	13°22	13° 8	27°56	n.a.	M27
T 28	1 16 32	18°33'44	2♐10	2°52	20°40	8°37	29° 2	3°27	11°19	20°37	21° 5	13°21	13° 5	28° 3	n.a.	T 28
W29	1 20 29	19°35'00	16° 7	2°37	20°47	9°17	29° 8	3°22	11°16	20°38	21° 4	13°21	13° 2	28° 9	n.a.	W29
T 30	1 24 25	20°36'17	29°37	2°D34	20°52	9°57	29°14	3°18	11°14	20°39	21° 4	13°20	12°59	28°16	n.a.	T 30
F 31	1 28 22	21♎37'34	12♑41	2♎40	20♏54	10♍37	29♋20	3♈13	11♈11	20♌41	21♊ 3	13♎19	12♎56	28♓22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	3n36	17s48	4n16	7s58	2s42	18s19	4s40	16n 4	1n15	22n30	1n 1	0s17	2s49	4n29	0s34	16n41	1n36	30n28	6n52	5s28	5s50	0s26			n.a.
T 2	3 11	18 45	4 51	8 21	2 43	18 38	4 43	15 51	1 15	22 28	1 1	0 19	2 49	4 28	0 34	16 40	1 36	30 29	6 53	5 28	5 49	0 24			n.a.
F 3	2 47	18 41	5 11	8 42	2 43	18 56	4 45	15 38	1 15	22 27	1 1	0 21	2 49	4 27	0 34	16 40	1 36	30 29	6 53	5 28	5 48	0 22			n.a.
S 4	2 22	17 40	5 16	9 0	2 42	19 13	4 47	15 25	1 15	22 25	1 2	0 23	2 49	4 26	0 34	16 39	1 36	30 29	6 53	5 27	5 46	0 20			n.a.
S 5	1 58	15 51	5 5	9 15	2 40	19 30	4 49	15 11	1 15	22 23	1 2	0 25	2 49	4 25	0 34	16 38	1 37	30 30	6 53	5 26	5 45	0 18			n.a.
M 6	1 33	13 21	4 41	9 27	2 37	19 47	4 51	14 58	1 14	22 22	1 2	0 27	2 49	4 24	0 34	16 38	1 37	30 30	6 54	5 25	5 44	0 16			n.a.
T 7	1 9	10 18	4 4	9 35	2 33	20 2	4 53	14 44	1 14	22 20	1 2	0 29	2 49	4 23	0 34	16 37	1 37	30 30	6 54	5 24	5 43	0 14			n.a.
W 8	0 44	6 52	3 18	9 39	2 28	20 17	4 54	14 31	1 14	22 19	1 3	0 31	2 49	4 22	0 34	16 37	1 37	30 30	6 54	5 23	5 41	0 13			n.a.
T 9	0 19	3 11	2 23	9 39	2 22	20 31	4 55	14 17	1 14	22 17	1 3	0 33	2 49	4 21	0 34	16 36	1 37	30 31	6 54	5 22	5 40	0 11			n.a.
F 10	0s 6	0n37	1 21	9 34	2 14	20 45	4 56	14 3	1 14	22 16	1 3	0 35	2 49	4 20	0 34	16 36	1 37	30 31	6 55	5 22	5 39	0 9			n.a.
S 11	0 30	4 24	0 17	9 23	2 4	20 58	4 57	13 49	1 14	22 14	1 3	0 37	2 49	4 19	0 34	16 35	1 37	30 31	6 55	5 21	5 38	0 7			n.a.
S 12	0 55	8 2	0s49	9 8	1 53	21 10	4 57	13 35	1 14	22 13	1 3	0 39	2 49	4 18	0 34	16 35	1 37	30 32	6 55	5 22	5 36	0 5			n.a.
M13	1 20	11 22	1 53	8 46	1 40	21 21	4 57	13 21	1 14	22 11	1 4	0 41	2 49	4 17	0 34	16 34	1 37	30 32	6 56	5 22	5 35	0 3			n.a.
T 14	1 44	14 14	2 52	8 19	1 26	21 31	4 57	13 7	1 14	22 10	1 4	0 43	2 49	4 16	0 34	16 33	1 37	30 32	6 56	5 22	5 34	0 1			n.a.
W15	2 9	16 32	3 45	7 46	1 10	21 41	4 57	12 52	1 14	22 8	1 4	0 45	2 49	4 15	0 34	16 33	1 37	30 32	6 56	5 23	5 32	0n 1			n.a.
T 16	2 34	18 5	4 28	7 7	0 52	21 50	4 56	12 38	1 14	22 7	1 4	0 47	2 49	4 14	0 34	16 32	1 37	30 33	6 56	5 23	5 31	0 3			n.a.
F 17	2 58	18 46	4 59	6 24	0 33	21 58	4 55	12 23	1 14	22 6	1 5	0 49	2 49	4 13	0 34	16 32	1 37	30 33	6 57	5 23	5 30	0 5			n.a.
S 18	3 23	18 30	5 16	5 36	0 13	22 6	4 54	12 9	1 14	22 4	1 5	0 51	2 49	4 12	0 34	16 31	1 37	30 33	6 57	5 23	5 29	0 7			n.a.
S 19	3 47	17 12	5 16	4 46	0n 8	22 12	4 52	11 54	1 14	22 3	1 5	0 53	2 49	4 11	0 34	16 31	1 37	30 33	6 57	5 23	5 27	0 9			n.a.
M20	4 12	14 52	4 58	3 54	0 28	22 17	4 50	11 39	1 14	22 2	1 5	0 55	2 49	4 10	0 34	16 30	1 37	30 34	6 57	5 23	5 26	0 11			n.a.
T 21	4 36	11 35	4 22	3 3	0 48	22 22	4 48	11 24	1 14	22 0	1 6	0 57	2 49	4 9	0 34	16 30	1 37	30 34	6 58	5 23	5 25	0 12			n.a.
W22	5 1	7 30	3 28	2 13	1 8	22 26	4 45	11 9	1 14	21 59	1 6	0 59	2 49	4 8	0 34	16 30	1 37	30 34	6 58	5 23	5 24	0 14			n.a.
T 23	5 25	2 52	2 19	1 26	1 26	22 28	4 42	10 54	1 13	21 58	1 6	1 1	2 49	4 7	0 34	16 29	1 37	30 34	6 58	5 23	5 22	0 16			n.a.
F 24	5 49	2s 1	0 59	0 44	1 42	22 30	4 38	10 39	1 13	21 57	1 7	1 3	2 49	4 6	0 34	16 29	1 37	30 34	6 58	5 23	5 21	0 18			n.a.
S 25	6 13	6 47	0n25	0 8	1 56	22 31	4 34	10 24	1 13	21 55	1 7	1 4	2 49	4 5	0 34	16 28	1 37	30 35	6 59	5 23	5 20	0 20			n.a.
S 26	6 37	11 5	1 47	0n23	2 9	22 30	4 30	10 8	1 13	21 54	1 7	1 6	2 48	4 4	0 34	16 28	1 38	30 35	6 59	5 23	5 19	0 22			n.a.
M27	7 1	14 36	3 0	0 47	2 19	22 29	4 25	9 53	1 13	21 53	1 7	1 8	2 48	4 3	0 34	16 27	1 38	30 35	6 59	5 23	5 17	0 24			n.a.
T 28	7 25	17 6	4 0	1 5	2 27	22 26	4 20	9 38	1 13	21 52	1 8	1 10	2 48	4 2	0 34	16 27	1 38	30 35	6 59	5 22	5 16	0 26			n.a.
W29	7 49	18 30	4 43	1 17	2 34	22 23	4 14	9 22	1 13	21 51	1 8	1 12	2 48	4 1	0 34	16 27	1 38	30 36	7 0	5 22	5 15	0 28			n.a.
T 30	8 12	18 46	5 9	1 22	2 38	22 18	4 8	9 7	1 13	21 50	1 8	1 13	2 48	4 0	0 34	16 26	1 38	30 36	7 0	5 22	5 14	0 30			n.a.
F 31	8s36	18s 2	5n18	1n22	2n41	22s12	4s 1	8n51	1n13	21n49	1n 8	1s15	2s48	3n59	0s34	16n26	1n38	30n36	7n 0	5s22	5s12	0n32			n.a.

Julian Day Number = 988639.5, Delta T = 13h05m10s
Ecliptic obliquity = 23°55'21, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'57, Lahiri = -31°36'57 Julian Calendar 1 Oct. 2007 BCE == Greg. Calendar 14 Sept. 2007 BCE

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

NOVEMBER 2007 BCE (-2006) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 32 19	22♎38'51	25♉21	2♎56	20°R54	11♍17	29♋26	3°R 8	11°R 9	20♌42	21°R 2	13°D19	12♎53	28♓29	n.a.	S 1
S 2	1 36 15	23°40'08	7♒42	3°20	20♏52	11°57	29°32	3♈ 4	11♈ 6	20°43	21♊ 2	13♎20	12°49	28°36	n.a.	S 2
M 3	1 40 12	24°41'26	19°47	3°51	20°47	12°38	29°37	3° 0	11° 4	20°44	21° 1	13°20	12°46	28°42	n.a.	M 3
T 4	1 44 8	25°42'43	1♓43	4°30	20°39	13°18	29°43	2°55	11° 1	20°46	21° 0	13°22	12°43	28°49	n.a.	T 4
W 5	1 48 5	26°44'01	13°32	5°14	20°29	13°58	29°48	2°51	10°59	20°47	21° 0	13°23	12°40	28°56	n.a.	W 5
T 6	1 52 1	27°45'19	25°20	6° 4	20°17	14°38	29°53	2°46	10°56	20°48	20°59	13°24	12°37	29° 2	n.a.	T 6
F 7	1 55 58	28°46'37	7♈ 8	6°59	20° 2	15°19	29°58	2°42	10°54	20°49	20°58	13°25	12°34	29° 9	n.a.	F 7
S 8	1 59 54	29°47'55	19° 0	7°57	19°44	15°59	0♌ 2	2°38	10°52	20°50	20°58	13°R25	12°30	29°16	n.a.	S 8
S 9	2 3 51	0♏49'14	0♉58	9° 0	19°24	16°39	0° 7	2°34	10°49	20°51	20°57	13°24	12°27	29°22	n.a.	S 9
M10	2 7 48	1°50'32	13° 5	10° 5	19° 2	17°19	0°11	2°30	10°47	20°52	20°56	13°22	12°24	29°29	n.a.	M10
T 11	2 11 44	2°51'51	25°21	11°14	18°38	18° 0	0°16	2°26	10°45	20°53	20°55	13°19	12°21	29°36	n.a.	T 11
W12	2 15 41	3°53'10	7♊48	12°25	18°11	18°40	0°20	2°22	10°42	20°54	20°54	13°16	12°18	29°42	n.a.	W12
T 13	2 19 37	4°54'29	20°27	13°38	17°43	19°21	0°24	2°18	10°40	20°55	20°53	13°13	12°14	29°49	n.a.	T 13
F 14	2 23 34	5°55'49	3♋19	14°54	17°13	20° 1	0°27	2°15	10°38	20°56	20°52	13° 9	12°11	29°56	n.a.	F 14
S 15	2 27 30	6°57'08	16°27	16°10	16°41	20°41	0°31	2°11	10°36	20°57	20°51	13° 7	12° 8	0♈ 2	n.a.	S 15
S 16	2 31 27	7°58'28	29°51	17°29	16° 8	21°22	0°34	2° 7	10°33	20°58	20°51	13° 6	12° 5	0° 9	n.a.	S 16
M17	2 35 24	8°59'48	13♌33	18°49	15°33	22° 2	0°37	2° 4	10°31	20°58	20°50	13°D 5	12° 2	0°16	n.a.	M17
T 18	2 39 20	10° 1'08	27°33	20°10	14°58	22°43	0°40	2° 1	10°29	20°59	20°49	13° 6	11°59	0°22	n.a.	T 18
W19	2 43 17	11° 2'28	11♍51	21°32	14°22	23°23	0°43	1°57	10°27	21° 0	20°48	13° 8	11°55	0°29	n.a.	W19
T 20	2 47 13	12° 3'48	26°24	22°55	13°45	24° 4	0°46	1°54	10°25	21° 0	20°46	13° 9	11°52	0°35	n.a.	T 20
F 21	2 51 10	13° 5'08	11♎10	24°19	13° 9	24°44	0°48	1°51	10°23	21° 1	20°45	13°R10	11°49	0°42	n.a.	F 21
S 22	2 55 6	14° 6'28	26° 2	25°44	12°32	25°25	0°50	1°48	10°21	21° 2	20°44	13° 9	11°46	0°49	n.a.	S 22
S 23	2 59 3	15° 7'47	10♏53	27°10	11°56	26° 6	0°52	1°45	10°19	21° 2	20°43	13° 7	11°43	0°55	n.a.	S 23
M24	3 2 59	16° 9'07	25°34	28°36	11°20	26°46	0°54	1°42	10°17	21° 3	20°42	13° 3	11°40	1° 2	n.a.	M24
T 25	3 6 56	17°10'26	9♐59	0♏ 4	10°45	27°27	0°56	1°39	10°15	21° 3	20°41	12°58	11°36	1° 9	n.a.	T 25
W26	3 10 53	18°11'44	24° 2	1°31	10°11	28° 7	0°57	1°37	10°13	21° 4	20°40	12°52	11°33	1°15	n.a.	W26
T 27	3 14 49	19°13'01	7♑39	3° 0	9°38	28°48	0°58	1°34	10°11	21° 4	20°39	12°47	11°30	1°22	n.a.	T 27
F 28	3 18 46	20°14'18	20°50	4°29	9° 6	29°29	1° 0	1°32	10°10	21° 5	20°38	12°42	11°27	1°29	n.a.	F 28
S 29	3 22 42	21°15'34	3♒35	5°58	8°37	0♎ 9	1° 0	1°29	10° 8	21° 5	20°36	12°38	11°24	1°35	n.a.	S 29
S 30	3 26 39	22♏16'49	16♒ 0	7♏28	8♏ 9	0♎50	1♌ 1	1♈27	10♈ 6	21♌ 5	20♊35	12♎37	11♎20	1♈42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s59	16s24	5n11	1n17	2n43	22s 5	3s53	8n35	1n12	21n48	1n 9	1s17	2s48	3n58	0s34	16n25	1n38	30n36	7n 0	5s22	5s11	0n33		n.a.
S 2	9 22	14 3	4 50	1 8	2 43	21 57	3 45	8 19	1 12	21 47	1 9	1 19	2 48	3 57	0 34	16 25	1 38	30 36	7 1	5 22	5 10	0 35		n.a.
M 3	9 45	11 8	4 16	0 54	2 42	21 47	3 37	8 4	1 12	21 46	1 9	1 20	2 47	3 56	0 34	16 25	1 38	30 37	7 1	5 22	5 9	0 37		n.a.
T 4	10 8	7 47	3 32	0 37	2 40	21 37	3 28	7 48	1 12	21 45	1 10	1 22	2 47	3 55	0 34	16 24	1 38	30 37	7 1	5 23	5 7	0 39		n.a.
W 5	10 31	4 10	2 38	0 16	2 37	21 25	3 18	7 32	1 12	21 44	1 10	1 23	2 47	3 54	0 34	16 24	1 38	30 37	7 1	5 23	5 6	0 41		n.a.
T 6	10 53	0 23	1 39	0s 7	2 33	21 12	3 8	7 16	1 12	21 44	1 10	1 25	2 47	3 54	0 34	16 24	1 38	30 37	7 2	5 24	5 5	0 43		n.a.
F 7	11 15	3n25	0 35	0 33	2 29	20 57	2 58	7 0	1 11	21 43	1 10	1 27	2 47	3 53	0 34	16 23	1 38	30 37	7 2	5 24	5 4	0 45		n.a.
S 8	11 38	7 7	0s31	1 1	2 24	20 41	2 46	6 44	1 11	21 42	1 11	1 28	2 46	3 52	0 34	16 23	1 38	30 37	7 2	5 24	5 2	0 47		n.a.
S 9	11 59	10 33	1 36	1 31	2 19	20 25	2 35	6 28	1 11	21 41	1 11	1 30	2 46	3 51	0 34	16 23	1 38	30 38	7 2	5 24	5 1	0 49		n.a.
M10	12 21	13 35	2 37	2 2	2 13	20 7	2 22	6 11	1 11	21 41	1 11	1 31	2 46	3 50	0 34	16 23	1 38	30 38	7 3	5 23	5 0	0 51		n.a.
T 11	12 43	16 4	3 32	2 35	2 7	19 47	2 10	5 55	1 11	21 40	1 12	1 32	2 46	3 49	0 34	16 22	1 38	30 38	7 3	5 22	4 58	0 53		n.a.
W12	13 4	17 49	4 17	3 9	2 1	19 27	1 56	5 39	1 11	21 39	1 12	1 34	2 46	3 48	0 34	16 22	1 38	30 38	7 3	5 20	4 57	0 54		n.a.
T 13	13 25	18 44	4 51	3 44	1 54	19 6	1 43	5 22	1 10	21 39	1 12	1 35	2 45	3 47	0 34	16 22	1 39	30 38	7 3	5 19	4 56	0 56		n.a.
F 14	13 46	18 42	5 10	4 20	1 47	18 43	1 28	5 6	1 10	21 38	1 13	1 36	2 45	3 46	0 34	16 22	1 39	30 38	7 4	5 18	4 55	0 58		n.a.
S 15	14 7	17 41	5 15	4 57	1 40	18 20	1 14	4 50	1 10	21 38	1 13	1 38	2 45	3 45	0 34	16 21	1 39	30 39	7 4	5 17	4 53	1 0		n.a.
S 16	14 27	15 41	5 2	5 34	1 33	17 56	0 59	4 33	1 10	21 37	1 13	1 39	2 45	3 45	0 34	16 21	1 39	30 39	7 4	5 16	4 52	1 2		n.a.
M17	14 47	12 45	4 32	6 12	1 26	17 32	0 44	4 17	1 9	21 37	1 13	1 40	2 44	3 44	0 34	16 21	1 39	30 39	7 4	5 16	4 51	1 4		n.a.
T 18	15 7	9 3	3 45	6 50	1 18	17 7	0 29	4 0	1 9	21 37	1 14	1 41	2 44	3 43	0 34	16 21	1 39	30 39	7 4	5 17	4 50	1 6		n.a.
W19	15 26	4 45	2 44	7 28	1 11	16 41	0 13	3 44	1 9	21 36	1 14	1 42	2 44	3 42	0 34	16 21	1 39	30 39	7 5	5 17	4 48	1 8		n.a.
T 20	15 46	0 4	1 31	8 6	1 4	16 15	0n 2	3 27	1 9	21 36	1 14	1 43	2 44	3 41	0 34	16 20	1 39	30 39	7 5	5 18	4 47	1 10		n.a.
F 21	16 5	4s40	0 11	8 45	0 56	15 49	0 18	3 10	1 8	21 36	1 15	1 45	2 44	3 40	0 34	16 20	1 39	30 39	7 5	5 18	4 46	1 12		n.a.
S 22	16 24	9 10	1n10	9 23	0 49	15 23	0 33	2 54	1 8	21 36	1 15	1 46	2 43	3 40	0 34	16 20	1 39	30 40	7 5	5 18	4 45	1 14		n.a.
S 23	16 42	13 5	2 26	10 2	0 41	14 57	0 48	2 37	1 8	21 36	1 15	1 46	2 43	3 39	0 34	16 20	1 39	30 40	7 5	5 17	4 43	1 15		n.a.
M24	17 0	16 7	3 32	10 40	0 34	14 32	1 4	2 20	1 8	21 35	1 16	1 47	2 43	3 38	0 34	16 20	1 39	30 40	7 6	5 15	4 42	1 17		n.a.
T 25	17 18	18 5	4 22	11 18	0 27	14 6	1 19	2 4	1 7	21 35	1 16	1 48	2 42	3 37	0 34	16 20	1 39	30 40	7 6	5 13	4 41	1 19		n.a.
W26	17 36	18 52	4 55	11 56	0 19	13 42	1 33	1 47	1 7	21 35	1 16	1 49	2 42	3 37	0 34	16 20	1 39	30 40	7 6	5 11	4 39	1 21		n.a.
T 27	17 53	18 32	5 11	12 34	0 12	13 18	1 47	1 30	1 7	21 35	1 17	1 50	2 42	3 36	0 34	16 20	1 39	30 40	7 6	5 9	4 38	1 23		n.a.
F 28	18 10	17 11	5 9	13 12	0 5	12 54	2 1	1 14	1 7	21 35	1 17	1 51	2 42	3 35	0 34	16 20	1 40	30 40	7 6	5 7	4 37	1 25		n.a.
S 29	18 26	15 1	4 51	13 49	0s 2	12 32	2 15	0 57	1 6	21 36	1 17	1 51	2 41	3 35	0 34	16 19	1 40	30 40	7 7	5 5	4 36	1 27		n.a.
S 30	18s42	12s13	4n21	14s25	0s 9	12s11	2n28	0n40	1n 6	21n36	1n18	1s52	2s41	3n34	0s34	16n19	1n40	30n40	7n 7	5s 5	4s34	1n29		n.a.

Julian Day Number = 988670.5, Delta T = 13h05m08s
Ecliptic obliquity = 23°55'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'53, Lahiri = -31°36'52 Julian Calendar 1 Nov. 2007 BCE == Greg. Calendar 15 Oct. 2007 BCE

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ASTRODIENST EPHEMERIS for the year 2007 BCE
geocentric

DECEMBER 2007 BCE (-2006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 30 35	23♏18'02	28♒ 7	8♏59	7°R43	1♎31	1♌ 2	1°R25	10°R 4	21♌ 6	20°R34	12°D36	11♎17	1♈49	n.a.	M 1
T 2	3 34 32	24°19'15	10♓ 2	10°30	7♏19	2°11	1° 2	1♈23	10♈ 3	21° 6	20♊33	12♎38	11°14	1°55	n.a.	T 2
W 3	3 38 29	25°20'27	21°50	12° 1	6°57	2°52	1°R 2	1°21	10° 1	21° 6	20°31	12°39	11°11	2° 2	n.a.	W 3
T 4	3 42 25	26°21'37	3♈37	13°33	6°38	3°33	1° 2	1°19	10° 0	21° 7	20°30	12°41	11° 8	2° 9	n.a.	T 4
F 5	3 46 22	27°22'47	15°27	15° 6	6°21	4°14	1° 2	1°18	9°58	21° 7	20°29	12°R41	11° 5	2°15	n.a.	F 5
S 6	3 50 18	28°23'56	27°24	16°39	6° 7	4°54	1° 1	1°16	9°57	21° 7	20°28	12°40	11° 1	2°22	n.a.	S 6
S 7	3 54 15	29°25'03	9♉31	18°13	5°55	5°35	1° 1	1°15	9°55	21° 7	20°26	12°36	10°58	2°28	n.a.	S 7
M 8	3 58 11	0♗26'10	21°50	19°48	5°45	6°16	1° 0	1°13	9°54	21° 7	20°25	12°30	10°55	2°35	n.a.	M 8
T 9	4 2 8	1°27'15	4♊23	21°22	5°38	6°57	0°59	1°12	9°53	21° 7	20°24	12°23	10°52	2°42	n.a.	T 9
W10	4 6 4	2°28'19	17°10	22°58	5°34	7°38	0°58	1°11	9°51	21°R 7	20°22	12°14	10°49	2°48	n.a.	W10
T 11	4 10 1	3°29'23	0♋10	24°34	5°D32	8°18	0°56	1°10	9°50	21° 7	20°21	12° 4	10°45	2°55	n.a.	T 11
F 12	4 13 58	4°30'25	13°24	26°11	5°32	8°59	0°55	1° 9	9°49	21° 7	20°20	11°55	10°42	3° 2	n.a.	F 12
S 13	4 17 54	5°31'27	26°48	27°48	5°35	9°40	0°53	1° 8	9°48	21° 7	20°18	11°47	10°39	3° 8	n.a.	S 13
S 14	4 21 51	6°32'27	10♌24	29°26	5°40	10°21	0°51	1° 8	9°47	21° 7	20°17	11°42	10°36	3°15	n.a.	S 14
M15	4 25 47	7°33'27	24° 9	1♗ 5	5°48	11° 2	0°49	1° 7	9°46	21° 7	20°16	11°39	10°33	3°22	n.a.	M15
T 16	4 29 44	8°34'26	8♍ 4	2°44	5°58	11°43	0°46	1° 7	9°45	21° 6	20°14	11°D38	10°30	3°28	n.a.	T 16
W17	4 33 40	9°35'23	22° 9	4°24	6°10	12°24	0°44	1° 6	9°44	21° 6	20°13	11°38	10°26	3°35	n.a.	W17
T 18	4 37 37	10°36'20	6♎22	6° 5	6°24	13° 5	0°41	1° 6	9°43	21° 6	20°11	11°R39	10°23	3°42	n.a.	T 18
F 19	4 41 34	11°37'15	20°42	7°46	6°41	13°46	0°38	1°D 6	9°42	21° 6	20°10	11°39	10°20	3°48	n.a.	F 19
S 20	4 45 30	12°38'10	5♏ 7	9°28	6°59	14°27	0°35	1° 6	9°41	21° 5	20° 9	11°37	10°17	3°55	n.a.	S 20
S 21	4 49 27	13°39'03	19°32	11°11	7°19	15° 8	0°32	1° 6	9°40	21° 5	20° 7	11°32	10°14	4° 2	n.a.	S 21
M22	4 53 23	14°39'55	3♗52	12°55	7°42	15°49	0°28	1° 6	9°40	21° 5	20° 6	11°24	10°11	4° 8	n.a.	M22
T 23	4 57 20	15°40'45	18° 1	14°39	8° 6	16°30	0°25	1° 7	9°39	21° 4	20° 4	11°14	10° 7	4°15	n.a.	T 23
W24	5 1 16	16°41'34	1♑54	16°25	8°32	17°11	0°21	1° 7	9°38	21° 4	20° 3	11° 3	10° 4	4°21	n.a.	W24
T 25	5 5 13	17°42'22	15°26	18°11	8°59	17°52	0°17	1° 8	9°38	21° 3	20° 1	10°51	10° 1	4°28	n.a.	T 25
F 26	5 9 9	18°43'07	28°36	19°57	9°28	18°33	0°13	1° 9	9°37	21° 3	20° 0	10°41	9°58	4°35	n.a.	F 26
S 27	5 13 6	19°43'51	11♒24	21°45	9°59	19°14	0° 8	1° 9	9°37	21° 2	19°59	10°33	9°55	4°41	n.a.	S 27
S 28	5 17 3	20°44'33	23°50	23°33	10°31	19°55	0° 4	1°10	9°37	21° 1	19°57	10°27	9°51	4°48	n.a.	S 28
M29	5 20 59	21°45'13	5♓59	25°21	11° 5	20°36	29♋59	1°11	9°36	21° 1	19°56	10°23	9°48	4°55	n.a.	M29
T 30	5 24 56	22°45'51	17°56	27°11	11°40	21°17	29°54	1°13	9°36	21° 0	19°54	10°D22	9°45	5° 1	n.a.	T 30
W31	5 28 52	23♗46'28	29♓45	29♗ 1	12♏16	21♎58	29♋49	1♈14	9♈36	20♌59	19♊53	10♎22	9♎42	5♈ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	18s58	8s57	3n39	15s 2	0s16	11s50	2n40	0n23	1n 6	21n36	1n18	1s52	2s41	3n33	0s34	16n19	1n40	30n40	7n 7	5s 5		4s33		1n31			n.a.
T 2	19 14	5 22	2 48	15 38	0 23	11 31	2 52	0 6	1 5	21 36	1 18	1 53	2 40	3 33	0 34	16 19	1 40	30 41	7 7	5 5		4 32		1 33			n.a.
W 3	19 29	1 36	1 51	16 13	0 29	11 14	3 3	0s10	1 5	21 36	1 19	1 54	2 40	3 32	0 33	16 19	1 40	30 41	7 7	5 6		4 31		1 34			n.a.
T 4	19 44	2n13	0 49	16 48	0 36	10 57	3 14	0 27	1 5	21 37	1 19	1 54	2 40	3 31	0 33	16 19	1 40	30 41	7 7	5 6		4 29		1 36			n.a.
F 5	19 58	5 58	0s15	17 22	0 42	10 42	3 25	0 44	1 4	21 37	1 19	1 54	2 40	3 31	0 33	16 19	1 40	30 41	7 8	5 6		4 28		1 38			n.a.
S 6	20 12	9 32	1 19	17 55	0 48	10 28	3 34	1 1	1 4	21 38	1 20	1 55	2 39	3 30	0 33	16 19	1 40	30 41	7 8	5 6		4 27		1 40			n.a.
S 7	20 26	12 44	2 20	18 28	0 54	10 15	3 43	1 18	1 4	21 38	1 20	1 55	2 39	3 30	0 33	16 19	1 40	30 41	7 8	5 5		4 26		1 42			n.a.
M 8	20 39	15 27	3 16	19 0	1 0	10 4	3 52	1 34	1 3	21 39	1 20	1 55	2 39	3 29	0 33	16 19	1 40	30 41	7 8	5 2		4 24		1 44			n.a.
T 9	20 52	17 29	4 2	19 31	1 5	9 54	4 0	1 51	1 3	21 39	1 20	1 56	2 38	3 29	0 33	16 19	1 40	30 41	7 8	4 59		4 23		1 46			n.a.
W10	21 4	18 41	4 38	20 2	1 11	9 46	4 7	2 8	1 2	21 40	1 21	1 56	2 38	3 28	0 33	16 20	1 40	30 41	7 8	4 56		4 22		1 48			n.a.
T 11	21 17	18 55	5 0	20 31	1 16	9 39	4 14	2 25	1 2	21 40	1 21	1 56	2 38	3 28	0 33	16 20	1 40	30 41	7 8	4 52		4 20		1 50			n.a.
F 12	21 28	18 9	5 6	21 0	1 21	9 33	4 20	2 41	1 2	21 41	1 21	1 56	2 37	3 27	0 33	16 20	1 40	30 41	7 9	4 48		4 19		1 51			n.a.
S 13	21 39	16 23	4 56	21 27	1 26	9 29	4 26	2 58	1 1	21 42	1 22	1 56	2 37	3 27	0 33	16 20	1 40	30 41	7 9	4 45		4 18		1 53			n.a.
S 14	21 50	13 40	4 29	21 54	1 30	9 26	4 31	3 15	1 1	21 42	1 22	1 56	2 37	3 27	0 33	16 20	1 41	30 41	7 9	4 43		4 17		1 55			n.a.
M15	22 1	10 11	3 47	22 19	1 34	9 24	4 35	3 32	1 0	21 43	1 22	1 56	2 36	3 26	0 33	16 20	1 41	30 41	7 9	4 42		4 15		1 57			n.a.
T 16	22 11	6 5	2 50	22 44	1 38	9 23	4 40	3 48	1 0	21 44	1 23	1 56	2 36	3 26	0 33	16 20	1 41	30 41	7 9	4 41		4 14		1 59			n.a.
W17	22 20	1 37	1 43	23 7	1 42	9 24	4 43	4 5	1 0	21 45	1 23	1 56	2 36	3 25	0 33	16 20	1 41	30 41	7 9	4 42		4 13		2 1			n.a.
T 18	22 29	3s 0	0 28	23 29	1 45	9 25	4 47	4 22	0 59	21 46	1 23	1 55	2 36	3 25	0 33	16 20	1 41	30 41	7 9	4 42		4 12		2 3			n.a.
F 19	22 38	7 30	0n48	23 49	1 48	9 28	4 49	4 38	0 59	21 47	1 24	1 55	2 35	3 25	0 33	16 21	1 41	30 41	7 9	4 42		4 10		2 5			n.a.
S 20	22 46	11 34	2 2	24 9	1 51	9 32	4 52	4 55	0 58	21 48	1 24	1 55	2 35	3 25	0 33	16 21	1 41	30 41	7 10	4 41		4 9		2 7			n.a.
S 21	22 54	14 57	3 8	24 26	1 53	9 36	4 54	5 11	0 58	21 49	1 24	1 54	2 35	3 24	0 33	16 21	1 41	30 41	7 10	4 39		4 8		2 8			n.a.
M22	23 1	17 24	4 1	24 42	1 55	9 42	4 56	5 28	0 57	21 50	1 25	1 54	2 34	3 24	0 33	16 21	1 41	30 41	7 10	4 36		4 6		2 10			n.a.
T 23	23 8	18 44	4 39	24 57	1 57	9 49	4 57	5 44	0 57	21 51	1 25	1 54	2 34	3 24	0 33	16 21	1 41	30 41	7 10	4 32		4 5		2 12			n.a.
W24	23 14	18 55	4 59	25 10	1 58	9 56	4 58	6 1	0 56	21 52	1 25	1 53	2 34	3 24	0 33	16 22	1 41	30 41	7 10	4 27		4 4		2 14			n.a.
T 25	23 20	18 0	5 2	25 21	1 58	10 4	4 59	6 17	0 56	21 53	1 25	1 53	2 33	3 23	0 33	16 22	1 41	30 41	7 10	4 23		4 3		2 16			n.a.
F 26	23 26	16 9	4 49	25 30	1 59	10 13	4 59	6 34	0 55	21 54	1 26	1 52	2 33	3 23	0 33	16 22	1 41	30 41	7 10	4 19		4 1		2 18			n.a.
S 27	23 31	13 32	4 21	25 38	1 58	10 23	4 59	6 50	0 55	21 56	1 26	1 51	2 33	3 23	0 33	16 22	1 41	30 41	7 10	4 15		4 0		2 20			n.a.
S 28	23 35	10 22	3 41	25 43	1 58	10 33	4 59	7 6	0 54	21 57	1 26	1 51	2 32	3 23	0 33	16 22	1 41	30 41	7 10	4 13		3 59		2 22			n.a.
M29	23 40	6 50	2 52	25 47	1 57	10 44	4 58	7 23	0 54	21 58	1 27	1 50	2 32	3 23	0 33	16 23	1 41	30 41	7 10	4 12		3 58		2 24			n.a.
T 30	23 43	3 5	1 57	25 48	1 55	10 56	4 57	7 39	0 53	22 0	1 27	1 49	2 32	3 23	0 33	16 23	1 42	30 41	7 10	4 11		3 56		2 25			n.a.
W31	23s46	0n45	0n56	25s48	1s52	11s 8	4n56	7s55	0n52	22n 1	1n27	1s48	2s31	3n23	0s33	16n23	1n42	30n41	7n10	4s11		3s55		2n27			n.a.

Julian Day Number = 988700.5, Delta T = 13h05m06s
Ecliptic obliquity = 23°55'20, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'49, Lahiri = -31°36'48 Julian Calendar 1 Dec. 2007 BCE == Greg. Calendar 14 Nov. 2007 BCE

The year -2006 astronomical counting style corresponds to year 2007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

JANUARY 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 32 49	24♐47'02	11♈32	0♑51	12♏54	22♎39	29°R44	1♈15	9°R36	20°R59	19°R51	10°R22	9♎39	5♈15	n.a.	T 1
F 2	5 36 45	25°47'34	23°24	2°42	13°33	23°20	29♋39	1°17	9♈35	20♌58	19♊50	10♎22	9°36	5°21	n.a.	F 2
S 3	5 40 42	26°48'04	5♉24	4°33	14°13	24° 1	29°33	1°18	9°35	20°57	19°49	10°19	9°32	5°28	n.a.	S 3
S 4	5 44 38	27°48'32	17°37	6°24	14°54	24°42	29°28	1°20	9°D35	20°56	19°47	10°14	9°29	5°35	n.a.	S 4
M 5	5 48 35	28°48'58	0♊ 6	8°15	15°36	25°23	29°22	1°22	9°35	20°56	19°46	10° 6	9°26	5°41	n.a.	M 5
T 6	5 52 32	29°49'22	12°54	10° 6	16°19	26° 5	29°16	1°24	9°36	20°55	19°44	9°55	9°23	5°48	n.a.	T 6
W 7	5 56 28	0♑49'45	26° 1	11°56	17° 4	26°46	29°10	1°26	9°36	20°54	19°43	9°43	9°20	5°55	n.a.	W 7
T 8	6 0 25	1°50'05	9♋25	13°46	17°49	27°27	29° 4	1°28	9°36	20°53	19°42	9°30	9°17	6° 1	n.a.	T 8
F 9	6 4 21	2°50'23	23° 4	15°34	18°35	28° 8	28°58	1°31	9°36	20°52	19°40	9°17	9°13	6° 8	n.a.	F 9
S 10	6 8 18	3°50'40	6♌54	17°21	19°22	28°49	28°52	1°33	9°36	20°51	19°39	9° 6	9°10	6°14	n.a.	S 10
S 11	6 12 14	4°50'55	20°52	19° 7	20°10	29°30	28°45	1°35	9°37	20°50	19°38	8°58	9° 7	6°21	n.a.	S 11
M12	6 16 11	5°51'08	4♍55	20°49	20°59	0♏12	28°38	1°38	9°37	20°49	19°36	8°53	9° 4	6°28	n.a.	M12
T 13	6 20 7	6°51'19	19° 0	22°29	21°49	0°53	28°32	1°41	9°38	20°48	19°35	8°51	9° 1	6°34	n.a.	T 13
W14	6 24 4	7°51'29	3♎ 5	24° 6	22°39	1°34	28°25	1°44	9°38	20°47	19°33	8°50	8°57	6°41	n.a.	W14
T 15	6 28 1	8°51'36	17°11	25°38	23°30	2°15	28°18	1°47	9°39	20°46	19°32	8°50	8°54	6°48	n.a.	T 15
F 16	6 31 57	9°51'43	1♏15	27° 6	24°22	2°56	28°11	1°50	9°39	20°45	19°31	8°49	8°51	6°54	n.a.	F 16
S 17	6 35 54	10°51'47	15°17	28°30	25°14	3°38	28° 4	1°53	9°40	20°44	19°29	8°46	8°48	7° 1	n.a.	S 17
S 18	6 39 50	11°51'50	29°15	29°47	26° 7	4°19	27°57	1°56	9°41	20°42	19°28	8°40	8°45	7° 8	n.a.	S 18
M19	6 43 47	12°51'50	13♐ 8	0♒58	27° 1	5° 0	27°50	1°59	9°42	20°41	19°27	8°32	8°42	7°14	n.a.	M19
T 20	6 47 43	13°51'49	26°51	2° 2	27°55	5°41	27°42	2° 3	9°42	20°40	19°26	8°20	8°38	7°21	n.a.	T 20
W21	6 51 40	14°51'46	10♑22	2°59	28°50	6°22	27°35	2° 6	9°43	20°39	19°24	8° 8	8°35	7°28	n.a.	W21
T 22	6 55 36	15°51'41	23°38	3°48	29°46	7° 4	27°27	2°10	9°44	20°37	19°23	7°54	8°32	7°34	n.a.	T 22
F 23	6 59 33	16°51'33	6♒36	4°30	0♐41	7°45	27°20	2°14	9°45	20°36	19°22	7°42	8°29	7°41	n.a.	F 23
S 24	7 3 30	17°51'24	19°16	5° 2	1°38	8°26	27°12	2°17	9°46	20°35	19°21	7°32	8°26	7°48	n.a.	S 24
S 25	7 7 26	18°51'12	1♓39	5°26	2°35	9° 7	27° 5	2°21	9°47	20°34	19°19	7°24	8°23	7°54	n.a.	S 25
M26	7 11 23	19°50'57	13°47	5°41	3°32	9°48	26°57	2°25	9°48	20°32	19°18	7°20	8°19	8° 1	n.a.	M26
T 27	7 15 19	20°50'40	25°43	5°R48	4°30	10°30	26°49	2°29	9°50	20°31	19°17	7°18	8°16	8° 7	n.a.	T 27
W28	7 19 16	21°50'21	7♈32	5°45	5°28	11°11	26°42	2°34	9°51	20°29	19°16	7°D17	8°13	8°14	n.a.	W28
T 29	7 23 12	22°49'59	19°20	5°35	6°27	11°52	26°34	2°38	9°52	20°28	19°15	7°R17	8°10	8°21	n.a.	T 29
F 30	7 27 9	23°49'35	1♉11	5°16	7°26	12°33	26°26	2°42	9°54	20°27	19°14	7°17	8° 7	8°27	n.a.	F 30
S 31	7 31 5	24♑49'08	13♉12	4♒50	8♐25	13♏14	26♋18	2♈47	9♈55	20♌25	19♊12	7♎15	8♎ 3	8♈34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s49	4n33	0s 6	25 s45	1 s50	11 s20	4n55	8 s11	0n52	22n 2	1n27	1 s47	2 s31	3n23	0 s33	16n24	1n42	30n41	7n11	4 s11	3 s54	2n29			n.a.
F 2	23 51	8 12	1 9	25 40	1 46	11 33	4 54	8 27	0 51	22 4	1 28	1 47	2 31	3 23	0 32	16 24	1 42	30 41	7 11	4 11	3 52	2 31			n.a.
S 3	23 53	11 34	2 9	25 32	1 42	11 47	4 52	8 43	0 51	22 5	1 28	1 46	2 30	3 23	0 32	16 24	1 42	30 41	7 11	4 10	3 51	2 33			n.a.
S 4	23 54	14 29	3 4	25 23	1 37	12 1	4 50	8 59	0 50	22 7	1 28	1 45	2 30	3 23	0 32	16 24	1 42	30 41	7 11	4 8	3 50	2 35			n.a.
M 5	23 55	16 49	3 51	25 11	1 31	12 15	4 48	9 15	0 50	22 8	1 28	1 44	2 30	3 23	0 32	16 25	1 42	30 40	7 11	4 5	3 49	2 37			n.a.
T 6	23 55	18 22	4 28	24 56	1 25	12 30	4 46	9 31	0 49	22 9	1 29	1 43	2 29	3 23	0 32	16 25	1 42	30 40	7 11	4 0	3 47	2 39			n.a.
W 7	23 55	19 0	4 52	24 40	1 18	12 45	4 43	9 46	0 48	22 11	1 29	1 41	2 29	3 23	0 32	16 25	1 42	30 40	7 11	3 55	3 46	2 40			n.a.
T 8	23 55	18 35	5 1	24 21	1 10	13 0	4 40	10 2	0 48	22 13	1 29	1 40	2 29	3 23	0 32	16 26	1 42	30 40	7 11	3 50	3 45	2 42			n.a.
F 9	23 53	17 6	4 52	24 1	1 2	13 16	4 38	10 18	0 47	22 14	1 29	1 39	2 28	3 23	0 32	16 26	1 42	30 40	7 11	3 45	3 44	2 44			n.a.
S 10	23 52	14 38	4 26	23 38	0 52	13 31	4 35	10 33	0 46	22 16	1 30	1 38	2 28	3 23	0 32	16 27	1 42	30 40	7 11	3 41	3 42	2 46			n.a.
S 11	23 50	11 17	3 45	23 14	0 42	13 47	4 32	10 49	0 46	22 17	1 30	1 36	2 28	3 24	0 32	16 27	1 42	30 40	7 11	3 38	3 41	2 48			n.a.
M12	23 47	7 17	2 49	22 47	0 31	14 3	4 28	11 4	0 45	22 19	1 30	1 35	2 27	3 24	0 32	16 27	1 42	30 40	7 11	3 35	3 40	2 50			n.a.
T 13	23 44	2 52	1 43	22 20	0 20	14 19	4 25	11 19	0 44	22 20	1 30	1 34	2 27	3 24	0 32	16 28	1 42	30 40	7 11	3 35	3 38	2 52			n.a.
W14	23 41	1 s43	0 30	21 51	0 8	14 36	4 21	11 35	0 43	22 22	1 30	1 32	2 27	3 24	0 32	16 28	1 42	30 40	7 11	3 34	3 37	2 54			n.a.
T 15	23 37	6 12	0n44	21 21	0n 5	14 52	4 18	11 50	0 43	22 24	1 31	1 31	2 27	3 24	0 32	16 29	1 42	30 40	7 11	3 34	3 36	2 55			n.a.
F 16	23 33	10 20	1 56	20 51	0 19	15 8	4 14	12 5	0 42	22 25	1 31	1 29	2 26	3 25	0 32	16 29	1 42	30 39	7 11	3 34	3 35	2 57			n.a.
S 17	23 28	13 53	3 0	20 21	0 33	15 25	4 10	12 20	0 41	22 27	1 31	1 28	2 26	3 25	0 32	16 29	1 43	30 39	7 11	3 33	3 33	2 59			n.a.
S 18	23 23	16 36	3 53	19 50	0 47	15 41	4 6	12 35	0 41	22 29	1 31	1 26	2 26	3 25	0 32	16 30	1 43	30 39	7 11	3 30	3 32	3 1			n.a.
M19	23 17	18 20	4 32	19 20	1 2	15 57	4 2	12 50	0 40	22 30	1 31	1 25	2 25	3 26	0 32	16 30	1 43	30 39	7 11	3 27	3 31	3 3			n.a.
T 20	23 11	18 59	4 55	18 51	1 17	16 14	3 58	13 4	0 39	22 32	1 32	1 23	2 25	3 26	0 32	16 31	1 43	30 39	7 11	3 22	3 30	3 5			n.a.
W21	23 4	18 31	5 0	18 23	1 33	16 30	3 54	13 19	0 38	22 34	1 32	1 21	2 25	3 26	0 32	16 31	1 43	30 39	7 11	3 17	3 28	3 7			n.a.
T 22	22 57	17 3	4 49	17 57	1 48	16 46	3 50	13 33	0 37	22 35	1 32	1 19	2 24	3 27	0 32	16 32	1 43	30 39	7 11	3 12	3 27	3 9			n.a.
F 23	22 50	14 45	4 24	17 32	2 3	17 2	3 45	13 48	0 37	22 37	1 32	1 18	2 24	3 27	0 32	16 32	1 43	30 39	7 11	3 7	3 26	3 10			n.a.
S 24	22 42	11 47	3 45	17 10	2 18	17 18	3 41	14 2	0 36	22 39	1 32	1 16	2 24	3 28	0 32	16 32	1 43	30 39	7 11	3 3	3 24	3 12			n.a.
S 25	22 34	8 21	2 57	16 50	2 32	17 34	3 36	14 16	0 35	22 40	1 32	1 14	2 24	3 28	0 32	16 33	1 43	30 38	7 11	3 0	3 23	3 14			n.a.
M26	22 25	4 39	2 1	16 33	2 46	17 49	3 32	14 31	0 34	22 42	1 32	1 12	2 23	3 29	0 32	16 33	1 43	30 38	7 11	2 58	3 22	3 16			n.a.
T 27	22 16	0 48	1 1	16 19	2 59	18 5	3 27	14 45	0 33	22 44	1 33	1 10	2 23	3 29	0 32	16 34	1 43	30 38	7 11	2 57	3 21	3 18			n.a.
W28	22 7	3n 2	0s 1	16 8	3 11	18 20	3 23	14 59	0 32	22 45	1 33	1 8	2 23	3 30	0 32	16 34	1 43	30 38	7 11	2 57	3 19	3 20			n.a.
T 29	21 57	6 44	1 4	16 0	3 22	18 34	3 18	15 12	0 31	22 47	1 33	1 6	2 22	3 30	0 32	16 35	1 43	30 38	7 11	2 57	3 18	3 22			n.a.
F 30	21 46	10 12	2 4	15 55	3 32	18 49	3 13	15 26	0 30	22 49	1 33	1 4	2 22	3 31	0 31	16 35	1 43	30 38	7 11	2 57	3 17	3 23			n.a.
S 31	21 s36	13n17	2 s59	15 s54	3n40	19 s 3	3n 8	15 s40	0n30	22n50	1n33	1 s 2	2 s22	3n31	0 s31	16n36	1n43	30n38	7n11	2 s56	3 s15	3n25			n.a.

Julian Day Number = 988731.5, Delta T = 13h05m04s
Ecliptic obliquity = 23°55'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'45, Lahiri = -31°36'44 Julian Calendar 1 Jan. 2006 BCE == Greg. Calendar 15 Dec. 2007 BCE

The year -2005 astronomical counting style corresponds to year 2006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

FEBRUARY 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 35 2	25♉48'39	25♉27	4°R16	9♐25	13♏55	26°R11	2♈51	9♈56	20°R24	19°R11	7°R12	8♎ 0	8♈41	n.a.	S 1
M 2	7 38 58	26°48'07	8♊ 1	3♒37	10°25	14°37	26♋ 3	2°56	9°58	20♌22	19♊10	7♎ 5	7°57	8°47	n.a.	M 2
T 3	7 42 55	27°47'34	20°57	2°53	11°25	15°18	25°55	3° 1	9°59	20°21	19° 9	6°57	7°54	8°54	n.a.	T 3
W 4	7 46 52	28°46'57	4♋16	2° 4	12°26	15°59	25°47	3° 6	10° 1	20°19	19° 8	6°46	7°51	9° 1	n.a.	W 4
T 5	7 50 48	29°46'19	17°58	1°13	13°27	16°40	25°39	3°10	10° 3	20°18	19° 7	6°35	7°48	9° 7	n.a.	T 5
F 6	7 54 45	0♒45'38	1♌59	0°20	14°29	17°21	25°32	3°15	10° 4	20°16	19° 6	6°25	7°44	9°14	n.a.	F 6
S 7	7 58 41	1°44'55	16°15	29♉26	15°30	18° 2	25°24	3°21	10° 6	20°15	19° 5	6°15	7°41	9°21	n.a.	S 7
S 8	8 2 38	2°44'09	0♍40	28°32	16°32	18°44	25°16	3°26	10° 8	20°13	19° 4	6° 9	7°38	9°27	n.a.	S 8
M 9	8 6 34	3°43'22	15° 8	27°40	17°35	19°25	25° 9	3°31	10°10	20°12	19° 3	6° 4	7°35	9°34	n.a.	M 9
T 10	8 10 31	4°42'32	29°35	26°50	18°37	20° 6	25° 1	3°36	10°11	20°10	19° 2	6°D 3	7°32	9°41	n.a.	T 10
W11	8 14 27	5°41'41	13♎55	26° 4	19°40	20°47	24°53	3°42	10°13	20° 9	19° 1	6° 3	7°29	9°47	n.a.	W11
T 12	8 18 24	6°40'47	28° 7	25°22	20°43	21°28	24°46	3°47	10°15	20° 7	19° 0	6° 3	7°25	9°54	n.a.	T 12
F 13	8 22 20	7°39'52	12♏ 9	24°44	21°47	22° 9	24°38	3°53	10°17	20° 5	19° 0	6°R 3	7°22	10° 0	n.a.	F 13
S 14	8 26 17	8°38'55	26° 0	24°11	22°50	22°50	24°31	3°58	10°19	20° 4	18°59	6° 2	7°19	10° 7	n.a.	S 14
S 15	8 30 14	9°37'56	9♐41	23°43	23°54	23°31	24°24	4° 4	10°21	20° 2	18°58	5°58	7°16	10°14	n.a.	S 15
M16	8 34 10	10°36'55	23°11	23°21	24°58	24°12	24°17	4°10	10°23	20° 1	18°57	5°53	7°13	10°20	n.a.	M16
T 17	8 38 7	11°35'52	6♉30	23° 5	26° 3	24°54	24° 9	4°15	10°26	19°59	18°56	5°45	7° 9	10°27	n.a.	T 17
W18	8 42 3	12°34'47	19°37	22°54	27° 7	25°35	24° 2	4°21	10°28	19°57	18°56	5°35	7° 6	10°34	n.a.	W18
T 19	8 46 0	13°33'40	2♒30	22°D49	28°12	26°16	23°55	4°27	10°30	19°56	18°55	5°26	7° 3	10°40	n.a.	T 19
F 20	8 49 56	14°32'31	15° 9	22°50	29°17	26°57	23°48	4°33	10°32	19°54	18°54	5°17	7° 0	10°47	n.a.	F 20
S 21	8 53 53	15°31'20	27°35	22°56	0♉22	27°37	23°41	4°39	10°35	19°53	18°53	5°10	6°57	10°54	n.a.	S 21
S 22	8 57 49	16°30'06	9♓49	23° 7	1°27	28°18	23°35	4°45	10°37	19°51	18°53	5° 4	6°54	11° 0	n.a.	S 22
M23	9 1 46	17°28'50	21°50	23°23	2°32	28°59	23°28	4°52	10°39	19°49	18°52	5° 1	6°50	11° 7	n.a.	M23
T 24	9 5 42	18°27'32	3♈44	23°44	3°38	29°40	23°22	4°58	10°42	19°48	18°52	5°D 0	6°47	11°14	n.a.	T 24
W25	9 9 39	19°26'11	15°32	24° 9	4°44	0♐21	23°15	5° 4	10°44	19°46	18°51	5° 1	6°44	11°20	n.a.	W25
T 26	9 13 36	20°24'49	27°19	24°39	5°50	1° 2	23° 9	5°11	10°47	19°44	18°50	5° 2	6°41	11°27	n.a.	T 26
F 27	9 17 32	21°23'23	9♉10	25°13	6°56	1°43	23° 3	5°17	10°49	19°43	18°50	5° 3	6°38	11°33	n.a.	F 27
S 28	9 21 29	22♒21'56	21♉11	25♉51	8♉ 2	2♐24	22♋57	5♈24	10♈52	19♌41	18♊49	5°R 4	6♎34	11♈40	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21 s25	15n50	3 s47	15 s55	3n46	19 s17	3n 3	15 s53	0n29	22n52	1n33	1 s 0	2 s22	3n32	0 s31	16n36	1n43	30n37	7n11	2 s55	3 s14	3n27			n.a.
M 2	21 13	17 43	4 25	16 0	3 51	19 31	2 59	16 6	0 28	22 53	1 33	0 58	2 21	3 33	0 31	16 37	1 43	30 37	7 11	2 52	3 13	3 29			n.a.
T 3	21 1	18 46	4 51	16 8	3 53	19 44	2 54	16 20	0 27	22 55	1 33	0 56	2 21	3 33	0 31	16 37	1 43	30 37	7 11	2 49	3 12	3 31			n.a.
W 4	20 49	18 49	5 3	16 18	3 54	19 57	2 49	16 33	0 26	22 57	1 33	0 54	2 21	3 34	0 31	16 38	1 43	30 37	7 11	2 44	3 10	3 33			n.a.
T 5	20 36	17 47	4 57	16 30	3 53	20 10	2 44	16 46	0 25	22 58	1 33	0 51	2 21	3 35	0 31	16 38	1 43	30 37	7 11	2 40	3 9	3 35			n.a.
F 6	20 24	15 40	4 34	16 44	3 50	20 22	2 39	16 59	0 24	23 0	1 34	0 49	2 20	3 35	0 31	16 39	1 43	30 37	7 10	2 36	3 8	3 36			n.a.
S 7	20 10	12 35	3 53	17 1	3 45	20 34	2 34	17 11	0 23	23 1	1 34	0 47	2 20	3 36	0 31	16 39	1 43	30 37	7 10	2 32	3 7	3 38			n.a.
S 8	19 57	8 42	2 57	17 18	3 39	20 46	2 29	17 24	0 22	23 3	1 34	0 44	2 20	3 37	0 31	16 40	1 43	30 36	7 10	2 29	3 5	3 40			n.a.
M 9	19 43	4 18	1 49	17 36	3 31	20 57	2 24	17 36	0 21	23 4	1 34	0 42	2 20	3 38	0 31	16 41	1 43	30 36	7 10	2 28	3 4	3 42			n.a.
T 10	19 28	0 s21	0 35	17 56	3 21	21 7	2 19	17 49	0 20	23 6	1 34	0 40	2 19	3 38	0 31	16 41	1 43	30 36	7 10	2 27	3 3	3 44			n.a.
W11	19 14	4 57	0n42	18 15	3 10	21 17	2 14	18 1	0 18	23 7	1 34	0 37	2 19	3 39	0 31	16 42	1 43	30 36	7 10	2 27	3 1	3 46			n.a.
T 12	18 59	9 13	1 55	18 35	2 58	21 27	2 9	18 13	0 17	23 8	1 34	0 35	2 19	3 40	0 31	16 42	1 43	30 36	7 10	2 27	3 0	3 48			n.a.
F 13	18 43	12 55	3 1	18 54	2 45	21 36	2 4	18 25	0 16	23 10	1 34	0 33	2 19	3 41	0 31	16 43	1 43	30 36	7 10	2 27	2 59	3 49			n.a.
S 14	18 28	15 51	3 55	19 13	2 32	21 45	1 59	18 37	0 15	23 11	1 34	0 30	2 18	3 42	0 31	16 43	1 44	30 36	7 10	2 27	2 58	3 51			n.a.
S 15	18 12	17 50	4 35	19 32	2 17	21 53	1 54	18 48	0 14	23 13	1 34	0 28	2 18	3 42	0 31	16 44	1 44	30 35	7 10	2 25	2 56	3 53			n.a.
M16	17 56	18 46	4 59	19 50	2 3	22 1	1 49	19 0	0 13	23 14	1 34	0 25	2 18	3 43	0 31	16 44	1 44	30 35	7 10	2 23	2 55	3 55			n.a.
T 17	17 39	18 40	5 6	20 7	1 48	22 8	1 44	19 11	0 12	23 15	1 34	0 22	2 18	3 44	0 31	16 45	1 44	30 35	7 10	2 20	2 54	3 57			n.a.
W18	17 22	17 34	4 57	20 24	1 33	22 15	1 39	19 22	0 11	23 16	1 34	0 20	2 17	3 45	0 31	16 45	1 44	30 35	7 10	2 16	2 52	3 59			n.a.
T 19	17 5	15 34	4 33	20 39	1 19	22 21	1 34	19 33	0 9	23 18	1 34	0 17	2 17	3 46	0 31	16 46	1 44	30 35	7 10	2 12	2 51	4 0			n.a.
F 20	16 48	12 52	3 56	20 54	1 4	22 26	1 29	19 44	0 8	23 19	1 34	0 15	2 17	3 47	0 31	16 46	1 44	30 35	7 9	2 8	2 50	4 2			n.a.
S 21	16 30	9 37	3 8	21 7	0 50	22 31	1 24	19 55	0 7	23 20	1 34	0 12	2 17	3 48	0 31	16 47	1 44	30 35	7 9	2 5	2 49	4 4			n.a.
S 22	16 12	6 1	2 12	21 19	0 36	22 36	1 19	20 6	0 6	23 21	1 34	0 9	2 17	3 49	0 31	16 48	1 44	30 34	7 9	2 3	2 47	4 6			n.a.
M23	15 54	2 13	1 11	21 30	0 22	22 40	1 14	20 16	0 4	23 22	1 34	0 7	2 16	3 50	0 31	16 48	1 44	30 34	7 9	2 2	2 46	4 8			n.a.
T 24	15 36	1n37	0 7	21 39	0 9	22 43	1 9	20 26	0 3	23 23	1 34	0 4	2 16	3 51	0 31	16 49	1 44	30 34	7 9	2 2	2 45	4 10			n.a.
W25	15 17	5 22	0 s57	21 47	0 s 4	22 46	1 5	20 36	0 2	23 24	1 33	0 1	2 16	3 52	0 31	16 49	1 44	30 34	7 9	2 2	2 44	4 12			n.a.
T 26	14 58	8 54	1 58	21 54	0 17	22 48	1 0	20 46	0 1	23 25	1 33	0n 2	2 16	3 53	0 31	16 50	1 44	30 34	7 9	2 2	2 42	4 13			n.a.
F 27	14 39	12 5	2 55	22 0	0 29	22 49	0 55	20 56	0 s 1	23 26	1 33	0 4	2 15	3 54	0 31	16 50	1 44	30 34	7 9	2 3	2 41	4 15			n.a.
S 28	14 s20	14n48	3 s45	22 s 4	0 s40	22 s50	0n51	21 s 6	0 s 2	23n27	1n33	0n 7	2 s15	3n55	0 s31	16n51	1n44	30n33	7n 9	2 s 3	2 s40	4n17			n.a.

Julian Day Number = 988762.5, Delta T = 13h05m01s
Ecliptic obliquity = 23°55'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'40, Lahiri = -31°36'40 Julian Calendar 1 Feb. 2006 BCE == Greg. Calendar 15 Jan. 2006 BCE

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

MARCH 2006 BCE (-2005) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 25 25	23♒20'26	3♊25	26♉33	9♉ 8	3♐ 4	22°R51	5♈30	10♈54	19°R39	18°R49	5°R 3	6♎31	11♈47	n.a.	S 1
M 2	9 29 22	24°18'54	15°58	27°18	10°15	3°45	22♋45	5°37	10°57	19♌38	18♊48	5♎ 1	6°28	11°53	n.a.	M 2
T 3	9 33 18	25°17'19	28°54	28° 7	11°21	4°26	22°39	5°43	11° 0	19°36	18°48	4°57	6°25	12° 0	n.a.	T 3
W 4	9 37 15	26°15'43	12♋16	28°59	12°28	5° 6	22°34	5°50	11° 2	19°35	18°48	4°52	6°22	12° 7	n.a.	W 4
T 5	9 41 11	27°14'04	26° 4	29°55	13°35	5°47	22°29	5°57	11° 5	19°33	18°47	4°46	6°19	12°13	n.a.	T 5
F 6	9 45 8	28°12'23	10♌16	0♒53	14°42	6°28	22°23	6° 4	11° 8	19°31	18°47	4°41	6°15	12°20	n.a.	F 6
S 7	9 49 4	29°10'39	24°49	1°54	15°49	7° 8	22°18	6°11	11°11	19°30	18°47	4°36	6°12	12°27	n.a.	S 7
S 8	9 53 1	0♓ 8'54	9♍35	2°58	16°56	7°49	22°14	6°18	11°13	19°28	18°46	4°32	6° 9	12°33	n.a.	S 8
M 9	9 56 58	1° 7'07	24°28	4° 5	18° 4	8°29	22° 9	6°24	11°16	19°26	18°46	4°30	6° 6	12°40	n.a.	M 9
T 10	10 0 54	2° 5'17	9♎18	5°14	19°11	9°10	22° 4	6°31	11°19	19°25	18°46	4°D30	6° 3	12°47	n.a.	T 10
W11	10 4 51	3° 3'27	24° 1	6°25	20°19	9°50	22° 0	6°39	11°22	19°23	18°45	4°31	6° 0	12°53	n.a.	W11
T 12	10 8 47	4° 1'34	8♏29	7°39	21°26	10°30	21°55	6°46	11°25	19°22	18°45	4°32	5°56	13° 0	n.a.	T 12
F 13	10 12 44	4°59'40	22°41	8°55	22°34	11°11	21°51	6°53	11°28	19°20	18°45	4°34	5°53	13° 7	n.a.	F 13
S 14	10 16 40	5°57'45	6♐35	10°14	23°42	11°51	21°47	7° 0	11°31	19°19	18°45	4°R34	5°50	13°13	n.a.	S 14
S 15	10 20 37	6°55'47	20°11	11°34	24°50	12°31	21°44	7° 7	11°34	19°17	18°45	4°34	5°47	13°20	n.a.	S 15
M16	10 24 33	7°53'49	3♑29	12°57	25°58	13°12	21°40	7°14	11°37	19°15	18°45	4°32	5°44	13°26	n.a.	M16
T 17	10 28 30	8°51'49	16°30	14°22	27° 7	13°52	21°37	7°22	11°40	19°14	18°45	4°29	5°40	13°33	n.a.	T 17
W18	10 32 26	9°49'47	29°17	15°49	28°15	14°32	21°33	7°29	11°43	19°12	18°45	4°25	5°37	13°40	n.a.	W18
T 19	10 36 23	10°47'44	11♒51	17°18	29°23	15°12	21°30	7°36	11°46	19°11	18°D45	4°21	5°34	13°46	n.a.	T 19
F 20	10 40 20	11°45'39	24°12	18°49	0♒32	15°52	21°27	7°44	11°50	19° 9	18°45	4°18	5°31	13°53	n.a.	F 20
S 21	10 44 16	12°43'32	6♓23	20°22	1°41	16°32	21°24	7°51	11°53	19° 8	18°45	4°15	5°28	14° 0	n.a.	S 21
S 22	10 48 13	13°41'24	18°25	21°57	2°49	17°12	21°22	7°59	11°56	19° 6	18°45	4°13	5°25	14° 6	n.a.	S 22
M23	10 52 9	14°39'13	0♈19	23°33	3°58	17°51	21°19	8° 6	11°59	19° 5	18°45	4°D12	5°21	14°13	n.a.	M23
T 24	10 56 6	15°37'02	12° 9	25°12	5° 7	18°31	21°17	8°14	12° 2	19° 4	18°45	4°12	5°18	14°20	n.a.	T 24
W25	11 0 2	16°34'48	23°56	26°53	6°16	19°11	21°15	8°21	12° 6	19° 2	18°45	4°13	5°15	14°26	n.a.	W25
T 26	11 3 59	17°32'33	5♉43	28°36	7°25	19°50	21°13	8°29	12° 9	19° 1	18°45	4°14	5°12	14°33	n.a.	T 26
F 27	11 7 55	18°30'16	17°36	0♓20	8°34	20°30	21°12	8°37	12°12	18°59	18°46	4°16	5° 9	14°40	n.a.	F 27
S 28	11 11 52	19°27'57	29°36	2° 7	9°43	21° 9	21°10	8°44	12°15	18°58	18°46	4°17	5° 5	14°46	n.a.	S 28
S 29	11 15 48	20°25'37	11♊50	3°56	10°52	21°49	21° 9	8°52	12°19	18°57	18°46	4°18	5° 2	14°53	n.a.	S 29
M30	11 19 45	21°23'14	24°21	5°46	12° 1	22°28	21° 8	9° 0	12°22	18°55	18°46	4°R18	4°59	15° 0	n.a.	M30
T 31	11 23 42	22♓20'50	7♋13	7♓39	13♒11	23♐ 7	21♋ 7	9♈ 7	12♈25	18♌54	18♊47	4♎17	4♎56	15♈ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	14s 1	16n55	4s25	22s 6	0s51	22s50	0n46	21s15	0s 4	23n28	1n33	0n10	2s15	3n56	0s31	16n51	1n44	30n33	7n 9	2s 3	2s38	4n19			n.a.
M 2	13 41	18 17	4 54	22 7	1 1	22 50	0 41	21 24	0 5	23 29	1 33	0 13	2 15	3 57	0 31	16 52	1 44	30 33	7 8	2 2	2 37	4 21			n.a.
T 3	13 21	18 46	5 9	22 7	1 11	22 49	0 37	21 33	0 6	23 30	1 33	0 16	2 15	3 58	0 31	16 52	1 44	30 33	7 8	2 0	2 36	4 23			n.a.
W 4	13 1	18 13	5 8	22 5	1 20	22 47	0 32	21 42	0 8	23 31	1 33	0 19	2 15	3 59	0 30	16 53	1 44	30 33	7 8	1 58	2 35	4 24			n.a.
T 5	12 41	16 37	4 50	22 2	1 29	22 45	0 28	21 51	0 9	23 32	1 33	0 22	2 14	4 0	0 30	16 53	1 44	30 33	7 8	1 56	2 33	4 26			n.a.
F 6	12 20	13 57	4 13	21 57	1 37	22 42	0 23	22 0	0 11	23 33	1 33	0 24	2 14	4 1	0 30	16 54	1 44	30 33	7 8	1 54	2 32	4 28			n.a.
S 7	11 59	10 23	3 20	21 50	1 45	22 39	0 19	22 8	0 12	23 33	1 33	0 27	2 14	4 3	0 30	16 54	1 44	30 32	7 8	1 52	2 31	4 30			n.a.
S 8	11 39	6 6	2 12	21 42	1 52	22 35	0 15	22 16	0 13	23 34	1 32	0 30	2 14	4 4	0 30	16 55	1 44	30 32	7 8	1 50	2 29	4 32			n.a.
M 9	11 18	1 25	0 55	21 32	1 58	22 30	0 11	22 25	0 15	23 35	1 32	0 33	2 14	4 5	0 30	16 56	1 44	30 32	7 8	1 50	2 28	4 34			n.a.
T 10	10 57	3s21	0n26	21 20	2 4	22 25	0 6	22 32	0 16	23 35	1 32	0 36	2 13	4 6	0 30	16 56	1 44	30 32	7 8	1 49	2 27	4 35			n.a.
W11	10 35	7 53	1 45	21 7	2 9	22 19	0 2	22 40	0 18	23 36	1 32	0 39	2 13	4 7	0 30	16 57	1 44	30 32	7 7	1 50	2 26	4 37			n.a.
T 12	10 14	11 51	2 56	20 53	2 14	22 12	0s 2	22 48	0 20	23 37	1 32	0 42	2 13	4 8	0 30	16 57	1 44	30 32	7 7	1 50	2 24	4 39			n.a.
F 13	9 52	15 3	3 54	20 36	2 18	22 5	0 6	22 55	0 21	23 37	1 32	0 45	2 13	4 10	0 30	16 58	1 44	30 32	7 7	1 51	2 23	4 41			n.a.
S 14	9 30	17 17	4 38	20 18	2 21	21 57	0 10	23 2	0 23	23 38	1 32	0 48	2 13	4 11	0 30	16 58	1 44	30 31	7 7	1 51	2 22	4 43			n.a.
S 15	9 9	18 29	5 4	19 58	2 24	21 49	0 14	23 9	0 24	23 38	1 32	0 51	2 13	4 12	0 30	16 59	1 44	30 31	7 7	1 51	2 20	4 45			n.a.
M16	8 47	18 39	5 14	19 36	2 27	21 40	0 17	23 16	0 26	23 39	1 31	0 54	2 13	4 13	0 30	16 59	1 44	30 31	7 7	1 50	2 19	4 46			n.a.
T 17	8 24	17 48	5 7	19 13	2 28	21 30	0 21	23 23	0 28	23 39	1 31	0 58	2 12	4 15	0 30	17 0	1 44	30 31	7 7	1 49	2 18	4 48			n.a.
W18	8 2	16 4	4 45	18 47	2 30	21 20	0 25	23 29	0 29	23 39	1 31	1 1	2 12	4 16	0 30	17 0	1 44	30 31	7 7	1 47	2 17	4 50			n.a.
T 19	7 40	13 35	4 10	18 20	2 30	21 9	0 28	23 36	0 31	23 40	1 31	1 4	2 12	4 17	0 30	17 0	1 44	30 31	7 6	1 46	2 15	4 52			n.a.
F 20	7 17	10 32	3 23	17 52	2 30	20 58	0 32	23 42	0 33	23 40	1 31	1 7	2 12	4 18	0 30	17 1	1 44	30 31	7 6	1 44	2 14	4 54			n.a.
S 21	6 55	7 4	2 28	17 21	2 30	20 46	0 35	23 48	0 34	23 40	1 31	1 10	2 12	4 20	0 30	17 1	1 44	30 31	7 6	1 43	2 13	4 55			n.a.
S 22	6 32	3 21	1 26	16 49	2 29	20 33	0 39	23 53	0 36	23 41	1 31	1 13	2 12	4 21	0 30	17 2	1 44	30 30	7 6	1 42	2 11	4 57			n.a.
M23	6 10	0n27	0 21	16 15	2 27	20 20	0 42	23 59	0 38	23 41	1 30	1 16	2 12	4 22	0 30	17 2	1 44	30 30	7 6	1 42	2 10	4 59			n.a.
T 24	5 47	4 13	0s44	15 39	2 25	20 6	0 45	24 4	0 39	23 41	1 30	1 19	2 11	4 24	0 30	17 3	1 44	30 30	7 6	1 42	2 9	5 1			n.a.
W25	5 24	7 49	1 47	15 1	2 22	19 52	0 49	24 9	0 41	23 41	1 30	1 22	2 11	4 25	0 30	17 3	1 44	30 30	7 6	1 43	2 8	5 3			n.a.
T 26	5 1	11 6	2 46	14 22	2 19	19 37	0 52	24 14	0 43	23 41	1 30	1 26	2 11	4 26	0 30	17 4	1 44	30 30	7 6	1 43	2 6	5 5			n.a.
F 27	4 38	13 56	3 38	13 40	2 15	19 22	0 55	24 19	0 45	23 41	1 30	1 29	2 11	4 27	0 30	17 4	1 44	30 30	7 5	1 44	2 5	5 6			n.a.
S 28	4 15	16 13	4 21	12 57	2 10	19 6	0 58	24 24	0 47	23 41	1 29	1 32	2 11	4 29	0 30	17 4	1 43	30 30	7 5	1 44	2 4	5 8			n.a.
S 29	3 52	17 49	4 53	12 12	2 5	18 49	1 0	24 28	0 49	23 41	1 29	1 35	2 11	4 30	0 30	17 5	1 43	30 30	7 5	1 44	2 2	5 10			n.a.
M30	3 29	18 36	5 13	11 26	2 0	18 32	1 3	24 33	0 50	23 41	1 29	1 38	2 11	4 31	0 30	17 5	1 43	30 30	7 5	1 44	2 1	5 12			n.a.
T 31	3s 6	18n27	5s17	10s37	1s53	18s15	1s 6	24s37	0s52	23n41	1n29	1n41	2s11	4n33	0s30	17n 6	1n43	30n30	7n 5	1s44	2s 0	5n14			n.a.

Julian Day Number = 988790.5, Delta T = 13h05m00s
Ecliptic obliquity = 23°55'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'37, Lahiri = -31°36'36 Julian Calendar 1 March 2006 BCE == Greg. Calendar 12 Feb. 2006 BCE

The year -2005 astronomical counting style corresponds to year 2006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

APRIL 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 27 38	23♓18'25	20♋31	9♓33	14♒20	23♐46	21°R 6	9♈15	12♈29	18°R53	18♊47	4°R17	4♎53	15♈13	n.a.	W 1
T 2	11 31 35	24°15'57	4♌15	11°29	15°30	24°25	21♋ 6	9°23	12°32	18♌51	18°47	4♎15	4°50	15°19	n.a.	T 2
F 3	11 35 31	25°13'28	18°26	13°27	16°39	25° 4	21° 5	9°31	12°36	18°50	18°48	4°14	4°46	15°26	n.a.	F 3
S 4	11 39 28	26°10'58	3♍ 1	15°27	17°49	25°43	21° 5	9°38	12°39	18°49	18°48	4°13	4°43	15°33	n.a.	S 4
S 5	11 43 24	27° 8'25	17°55	17°29	18°59	26°22	21°D 5	9°46	12°42	18°48	18°49	4°13	4°40	15°39	n.a.	S 5
M 6	11 47 21	28° 5'52	3♎ 1	19°33	20° 8	27° 0	21° 5	9°54	12°46	18°47	18°49	4°D13	4°37	15°46	n.a.	M 6
T 7	11 51 17	29° 3'17	18°10	21°38	21°18	27°39	21° 5	10° 2	12°49	18°45	18°50	4°13	4°34	15°53	n.a.	T 7
W 8	11 55 14	0♈ 0'41	3♏12	23°44	22°28	28°17	21° 6	10°10	12°53	18°44	18°50	4°13	4°31	15°59	n.a.	W 8
T 9	11 59 11	0°58'04	17°59	25°52	23°38	28°56	21° 7	10°18	12°56	18°43	18°51	4°13	4°27	16° 6	n.a.	T 9
F 10	12 3 7	1°55'27	2♐27	28° 1	24°48	29°34	21° 7	10°25	13° 0	18°42	18°51	4°14	4°24	16°13	n.a.	F 10
S 11	12 7 4	2°52'48	16°31	0♑11	25°58	0♑12	21° 8	10°33	13° 3	18°41	18°52	4°14	4°21	16°19	n.a.	S 11
S 12	12 11 0	3°50'09	0♑11	2°22	27° 8	0°50	21°10	10°41	13° 7	18°40	18°53	4°14	4°18	16°26	n.a.	S 12
M13	12 14 57	4°47'28	13°27	4°33	28°18	1°28	21°11	10°49	13°10	18°39	18°53	4°14	4°15	16°33	n.a.	M13
T 14	12 18 53	5°44'47	26°21	6°44	29°28	2° 6	21°13	10°57	13°14	18°38	18°54	4°14	4°11	16°39	n.a.	T 14
W15	12 22 50	6°42'06	8♒57	8°56	0♓39	2°44	21°14	11° 5	13°17	18°37	18°55	4°14	4° 8	16°46	n.a.	W15
T 16	12 26 46	7°39'23	21°17	11° 7	1°49	3°21	21°16	11°13	13°21	18°36	18°55	4°14	4° 5	16°53	n.a.	T 16
F 17	12 30 43	8°36'40	3♓26	13°17	2°59	3°58	21°18	11°21	13°24	18°35	18°56	4°15	4° 2	16°59	n.a.	F 17
S 18	12 34 40	9°33'55	15°25	15°27	4°10	4°36	21°21	11°29	13°28	18°34	18°57	4°15	3°59	17° 6	n.a.	S 18
S 19	12 38 36	10°31'10	27°17	17°36	5°20	5°13	21°23	11°37	13°31	18°33	18°58	4°16	3°56	17°12	n.a.	S 19
M20	12 42 33	11°28'24	9♈ 6	19°43	6°31	5°50	21°26	11°45	13°35	18°32	18°59	4°R16	3°52	17°19	n.a.	M20
T 21	12 46 29	12°25'38	20°53	21°49	7°42	6°27	21°29	11°53	13°38	18°31	19° 0	4°15	3°49	17°26	n.a.	T 21
W22	12 50 26	13°22'50	2♉41	23°53	8°52	7° 3	21°32	12° 1	13°42	18°31	19° 0	4°14	3°46	17°32	n.a.	W22
T 23	12 54 22	14°20'02	14°32	25°55	10° 3	7°40	21°35	12° 9	13°45	18°30	19° 1	4°13	3°43	17°39	n.a.	T 23
F 24	12 58 19	15°17'13	26°29	27°55	11°14	8°16	21°38	12°16	13°49	18°29	19° 2	4°12	3°40	17°46	n.a.	F 24
S 25	13 2 15	16°14'23	8♊34	29°53	12°24	8°52	21°42	12°24	13°52	18°28	19° 3	4°10	3°36	17°52	n.a.	S 25
S 26	13 6 12	17°11'32	20°51	1♋49	13°35	9°28	21°45	12°32	13°56	18°28	19° 4	4° 9	3°33	17°59	n.a.	S 26
M27	13 10 9	18° 8'40	3♋22	3°43	14°46	10° 4	21°49	12°40	13°59	18°27	19° 5	4° 8	3°30	18° 6	n.a.	M27
T 28	13 14 5	19° 5'47	16°12	5°34	15°57	10°40	21°53	12°48	14° 3	18°27	19° 6	4°D 7	3°27	18°12	n.a.	T 28
W29	13 18 2	20° 2'54	29°24	7°23	17° 8	11°15	21°57	12°56	14° 6	18°26	19° 7	4° 7	3°24	18°19	n.a.	W29
T 30	13 21 58	21♈ 0'00	13♌ 0	9♉ 9	18♓19	11♑50	22♋ 1	13♈ 4	14♈10	18♌25	19♊ 8	4♎ 8	3♎21	18♈26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s43	17n18	5s 5	9s47	1s47	17s57	1s 8	24s41	0s54	23n41	1n29	1n45	2s11	4n34	0s30	17n 6	1n43	30n29	7n 5	1s44	1s59	5n15		n.a.
T 2	2 19	15 8	4 35	8 56	1 40	17 38	1 11	24 44	0 56	23 41	1 29	1 48	2 10	4 36	0 30	17 6	1 43	30 29	7 5	1 44	1 57	5 17		n.a.
F 3	1 56	12 0	3 48	8 2	1 32	17 20	1 13	24 48	0 58	23 41	1 28	1 51	2 10	4 37	0 30	17 7	1 43	30 29	7 5	1 43	1 56	5 19		n.a.
S 4	1 33	8 3	2 45	7 8	1 24	17 0	1 16	24 51	1 0	23 41	1 28	1 54	2 10	4 38	0 30	17 7	1 43	30 29	7 5	1 43	1 55	5 21		n.a.
S 5	1 10	3 30	1 29	6 12	1 15	16 40	1 18	24 54	1 2	23 41	1 28	1 57	2 10	4 40	0 30	17 8	1 43	30 29	7 4	1 42	1 53	5 23		n.a.
M 6	0 46	1s19	0 7	5 14	1 6	16 20	1 20	24 57	1 4	23 41	1 28	2 1	2 10	4 41	0 30	17 8	1 43	30 29	7 4	1 42	1 52	5 24		n.a.
T 7	0 23	6 5	1n17	4 15	0 57	15 59	1 22	25 0	1 6	23 40	1 28	2 4	2 10	4 42	0 30	17 8	1 43	30 29	7 4	1 42	1 51	5 26		n.a.
W 8	0n 0	10 25	2 34	3 15	0 47	15 38	1 24	25 3	1 8	23 40	1 27	2 7	2 10	4 44	0 30	17 9	1 43	30 29	7 4	1 43	1 50	5 28		n.a.
T 9	0 24	14 1	3 40	2 15	0 37	15 16	1 26	25 5	1 10	23 40	1 27	2 10	2 10	4 45	0 30	17 9	1 43	30 29	7 4	1 43	1 48	5 30		n.a.
F 10	0 47	16 39	4 31	1 13	0 27	14 54	1 28	25 8	1 12	23 40	1 27	2 13	2 10	4 47	0 30	17 9	1 43	30 29	7 4	1 43	1 47	5 32		n.a.
S 11	1 10	18 12	5 3	0 11	0 17	14 31	1 30	25 10	1 15	23 39	1 27	2 17	2 10	4 48	0 30	17 10	1 43	30 29	7 4	1 43	1 46	5 34		n.a.
S 12	1 33	18 38	5 17	0n52	0 6	14 9	1 32	25 12	1 17	23 39	1 27	2 20	2 10	4 49	0 30	17 10	1 43	30 29	7 4	1 43	1 44	5 35		n.a.
M13	1 56	18 1	5 14	1 55	0n 5	13 45	1 33	25 14	1 19	23 38	1 27	2 23	2 10	4 51	0 30	17 10	1 43	30 29	7 3	1 43	1 43	5 37		n.a.
T 14	2 20	16 29	4 55	2 57	0 15	13 22	1 35	25 15	1 21	23 38	1 26	2 26	2 10	4 52	0 30	17 10	1 43	30 29	7 3	1 43	1 42	5 39		n.a.
W15	2 43	14 11	4 22	4 0	0 25	12 58	1 36	25 17	1 23	23 37	1 26	2 29	2 9	4 53	0 30	17 11	1 43	30 29	7 3	1 43	1 41	5 41		n.a.
T 16	3 6	11 16	3 37	5 2	0 36	12 33	1 38	25 18	1 26	23 37	1 26	2 33	2 9	4 55	0 30	17 11	1 43	30 28	7 3	1 43	1 39	5 43		n.a.
F 17	3 29	7 55	2 43	6 3	0 46	12 9	1 39	25 19	1 28	23 36	1 26	2 36	2 9	4 56	0 30	17 11	1 43	30 28	7 3	1 43	1 38	5 44		n.a.
S 18	3 52	4 17	1 43	7 3	0 55	11 43	1 40	25 20	1 30	23 36	1 26	2 39	2 9	4 58	0 30	17 11	1 43	30 28	7 3	1 43	1 37	5 46		n.a.
S 19	4 15	0 31	0 39	8 2	1 5	11 18	1 41	25 21	1 32	23 35	1 25	2 42	2 9	4 59	0 30	17 12	1 43	30 28	7 3	1 44	1 35	5 48		n.a.
M20	4 38	3n16	0s27	9 0	1 14	10 52	1 42	25 22	1 35	23 35	1 25	2 45	2 9	5 0	0 30	17 12	1 43	30 28	7 3	1 44	1 34	5 50		n.a.
T 21	5 0	6 55	1 31	9 56	1 22	10 26	1 43	25 23	1 37	23 34	1 25	2 49	2 9	5 2	0 30	17 12	1 43	30 28	7 3	1 43	1 33	5 52		n.a.
W22	5 23	10 17	2 31	10 50	1 30	10 0	1 44	25 23	1 39	23 33	1 25	2 52	2 9	5 3	0 30	17 12	1 43	30 28	7 2	1 43	1 32	5 53		n.a.
T 23	5 46	13 15	3 26	11 43	1 37	9 34	1 45	25 23	1 42	23 33	1 25	2 55	2 9	5 5	0 30	17 13	1 43	30 28	7 2	1 43	1 30	5 55		n.a.
F 24	6 8	15 42	4 11	12 33	1 44	9 7	1 45	25 23	1 44	23 32	1 24	2 58	2 9	5 6	0 30	17 13	1 43	30 28	7 2	1 42	1 29	5 57		n.a.
S 25	6 31	17 28	4 46	13 22	1 50	8 40	1 46	25 23	1 47	23 31	1 24	3 1	2 9	5 7	0 30	17 13	1 43	30 28	7 2	1 41	1 28	5 59		n.a.
S 26	6 53	18 28	5 8	14 8	1 55	8 12	1 46	25 23	1 49	23 30	1 24	3 5	2 9	5 9	0 30	17 13	1 43	30 28	7 2	1 41	1 26	6 0		n.a.
M27	7 15	18 36	5 17	14 53	2 0	7 45	1 47	25 23	1 51	23 30	1 24	3 8	2 9	5 10	0 30	17 13	1 43	30 28	7 2	1 40	1 25	6 2		n.a.
T 28	7 37	17 47	5 10	15 35	2 4	7 17	1 47	25 23	1 54	23 29	1 24	3 11	2 9	5 12	0 30	17 14	1 42	30 28	7 2	1 40	1 24	6 4		n.a.
W29	7 59	16 1	4 47	16 15	2 7	6 49	1 47	25 22	1 56	23 28	1 23	3 14	2 9	5 13	0 30	17 14	1 42	30 28	7 2	1 40	1 23	6 6		n.a.
T 30	8n21	13n19	4s 7	16n53	2n10	6s21	1s47	25s21	1s59	23n27	1n23	3n17	2s 9	5n14	0s30	17n14	1n42	30n28	7n 2	1s41	1s21	6n 8		n.a.

Julian Day Number = 988821.5, Delta T = 13h04m57s
Ecliptic obliquity = 23°55'21, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'32, Lahiri = -31°36'32 Julian Calendar 1 Apr. 2006 BCE == Greg. Calendar 15 March 2006 BCE

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

MAY 2006 BCE (-2005) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 25 55	21♈57'04	27♌ 1	10♉54	19♓30	12♑26	22♋ 6	13♈12	14♈13	18°R25	19♊ 9	4♎ 9	3♎17	18♈32	n.a.	F 1
S 2	13 29 51	22°54'08	11♍27	12°35	20°41	13° 0	22°10	13°20	14°17	18♌24	19°11	4°10	3°14	18°39	n.a.	S 2
S 3	13 33 48	23°51'12	26°15	14°14	21°52	13°35	22°15	13°28	14°20	18°24	19°12	4°11	3°11	18°46	n.a.	S 3
M 4	13 37 44	24°48'15	11♎20	15°51	23° 3	14°10	22°20	13°35	14°24	18°23	19°13	4°R11	3° 8	18°52	n.a.	M 4
T 5	13 41 41	25°45'17	26°32	17°25	24°15	14°44	22°25	13°43	14°27	18°23	19°14	4°10	3° 5	18°59	n.a.	T 5
W 6	13 45 38	26°42'19	11♏42	18°57	25°26	15°18	22°30	13°51	14°31	18°23	19°15	4° 8	3° 2	19° 6	n.a.	W 6
T 7	13 49 34	27°39'21	26°42	20°26	26°37	15°52	22°36	13°59	14°34	18°22	19°16	4° 5	2°58	19°12	n.a.	T 7
F 8	13 53 31	28°36'23	11♐22	21°52	27°49	16°25	22°41	14° 7	14°38	18°22	19°18	4° 2	2°55	19°19	n.a.	F 8
S 9	13 57 27	29°33'25	25°38	23°16	29° 0	16°59	22°47	14°14	14°41	18°22	19°19	3°59	2°52	19°25	n.a.	S 9
S 10	14 1 24	0♉30'27	9♑26	24°38	0♈12	17°32	22°53	14°22	14°45	18°21	19°20	3°57	2°49	19°32	n.a.	S 10
M11	14 5 20	1°27'29	22°46	25°56	1°23	18° 5	22°59	14°30	14°48	18°21	19°22	3°55	2°46	19°39	n.a.	M11
T 12	14 9 17	2°24'31	5♒40	27°12	2°35	18°37	23° 5	14°38	14°51	18°21	19°23	3°D55	2°42	19°45	n.a.	T 12
W13	14 13 14	3°21'34	18°13	28°25	3°46	19°10	23°11	14°45	14°55	18°21	19°24	3°56	2°39	19°52	n.a.	W13
T 14	14 17 10	4°18'36	0♓27	29°36	4°58	19°42	23°17	14°53	14°58	18°21	19°26	3°57	2°36	19°59	n.a.	T 14
F 15	14 21 7	5°15'39	12°29	0♊43	6°10	20°14	23°24	15° 1	15° 2	18°21	19°27	3°59	2°33	20° 5	n.a.	F 15
S 16	14 25 3	6°12'42	24°22	1°48	7°21	20°45	23°31	15° 8	15° 5	18°21	19°28	4° 0	2°30	20°12	n.a.	S 16
S 17	14 29 0	7° 9'45	6♈10	2°50	8°33	21°16	23°37	15°16	15° 8	18°20	19°30	4°R 1	2°27	20°19	n.a.	S 17
M18	14 32 56	8° 6'48	17°56	3°48	9°45	21°47	23°44	15°23	15°12	18°D20	19°31	4° 0	2°23	20°25	n.a.	M18
T 19	14 36 53	9° 3'52	29°45	4°43	10°57	22°18	23°51	15°31	15°15	18°20	19°33	3°57	2°20	20°32	n.a.	T 19
W20	14 40 49	10° 0'56	11♉37	5°35	12° 9	22°48	23°58	15°38	15°18	18°21	19°34	3°53	2°17	20°39	n.a.	W20
T 21	14 44 46	10°58'00	23°35	6°23	13°20	23°18	24° 6	15°46	15°21	18°21	19°35	3°47	2°14	20°45	n.a.	T 21
F 22	14 48 43	11°55'04	5♊40	7° 8	14°32	23°48	24°13	15°53	15°25	18°21	19°37	3°41	2°11	20°52	n.a.	F 22
S 23	14 52 39	12°52'09	17°55	7°49	15°44	24°17	24°21	16° 1	15°28	18°21	19°38	3°34	2° 8	20°59	n.a.	S 23
S 24	14 56 36	13°49'13	0♋21	8°27	16°57	24°46	24°28	16° 8	15°31	18°21	19°40	3°27	2° 4	21° 5	n.a.	S 24
M25	15 0 32	14°46'18	13° 0	9° 0	18° 9	25°14	24°36	16°15	15°34	18°21	19°42	3°22	2° 1	21°12	n.a.	M25
T 26	15 4 29	15°43'23	25°53	9°29	19°21	25°42	24°44	16°23	15°37	18°22	19°43	3°19	1°58	21°19	n.a.	T 26
W27	15 8 25	16°40'28	9♌ 4	9°54	20°33	26°10	24°52	16°30	15°41	18°22	19°45	3°17	1°55	21°25	n.a.	W27
T 28	15 12 22	17°37'33	22°34	10°15	21°45	26°38	25° 0	16°37	15°44	18°22	19°46	3°D17	1°52	21°32	n.a.	T 28
F 29	15 16 19	18°34'38	6♍25	10°31	22°57	27° 5	25° 9	16°44	15°47	18°23	19°48	3°18	1°48	21°39	n.a.	F 29
S 30	15 20 15	19°31'43	20°37	10°42	24°10	27°31	25°17	16°52	15°50	18°23	19°49	3°19	1°45	21°45	n.a.	S 30
S 31	15 24 12	20♉28'49	5♎10	10♊49	25♈22	27♑57	25♋26	16♈59	15♈53	18♌23	19♊51	3°R19	1♎42	21♈52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n43	9n45	3s11	17n29	2n12	5s53	1s48	25s21	2s 2	23n26	1n23	3n20	2s 9	5n16	0s30	17n14	1n42	30n28	7n 2	1s41	1s20	6n 9		n.a.
S 2	9 5	5 32	2 3	18 2	2 13	5 24	1 48	25 20	2 4	23 25	1 23	3 23	2 9	5 17	0 30	17 14	1 42	30 28	7 2	1 41	1 19	6 11		n.a.
S 3	9 26	0 51	0 44	18 33	2 14	4 56	1 47	25 19	2 7	23 24	1 23	3 26	2 9	5 19	0 30	17 14	1 42	30 28	7 1	1 42	1 17	6 13		n.a.
M 4	9 48	3s58	0n39	19 3	2 14	4 27	1 47	25 18	2 9	23 23	1 23	3 30	2 9	5 20	0 30	17 14	1 42	30 28	7 1	1 42	1 16	6 15		n.a.
T 5	10 9	8 34	2 0	19 30	2 13	3 58	1 47	25 17	2 12	23 22	1 22	3 33	2 9	5 21	0 30	17 14	1 42	30 28	7 1	1 41	1 15	6 17		n.a.
W 6	10 30	12 36	3 13	19 54	2 11	3 29	1 47	25 15	2 15	23 21	1 22	3 36	2 9	5 23	0 30	17 14	1 42	30 28	7 1	1 41	1 14	6 18		n.a.
T 7	10 51	15 45	4 10	20 17	2 9	2 59	1 46	25 14	2 17	23 20	1 22	3 39	2 9	5 24	0 30	17 14	1 42	30 28	7 1	1 39	1 12	6 20		n.a.
F 8	11 12	17 48	4 51	20 38	2 6	2 30	1 46	25 12	2 20	23 19	1 22	3 42	2 9	5 25	0 30	17 15	1 42	30 28	7 1	1 38	1 11	6 22		n.a.
S 9	11 32	18 40	5 11	20 57	2 3	2 1	1 45	25 11	2 23	23 18	1 22	3 45	2 9	5 27	0 30	17 15	1 42	30 28	7 1	1 37	1 10	6 24		n.a.
S 10	11 53	18 22	5 13	21 13	1 59	1 31	1 45	25 9	2 26	23 16	1 21	3 48	2 9	5 28	0 30	17 15	1 42	30 28	7 1	1 36	1 8	6 25		n.a.
M11	12 13	17 4	4 58	21 28	1 54	1 1	1 44	25 7	2 28	23 15	1 21	3 51	2 9	5 30	0 30	17 15	1 42	30 28	7 1	1 35	1 7	6 27		n.a.
T 12	12 33	14 55	4 28	21 41	1 48	0 32	1 43	25 6	2 31	23 14	1 21	3 54	2 9	5 31	0 30	17 15	1 42	30 29	7 1	1 35	1 6	6 29		n.a.
W13	12 53	12 6	3 46	21 52	1 42	0 2	1 43	25 4	2 34	23 13	1 21	3 57	2 9	5 32	0 30	17 15	1 42	30 29	7 1	1 36	1 5	6 31		n.a.
T 14	13 13	8 50	2 54	22 1	1 36	0n28	1 42	25 2	2 37	23 12	1 21	4 0	2 9	5 34	0 30	17 15	1 42	30 29	7 1	1 36	1 3	6 32		n.a.
F 15	13 32	5 14	1 55	22 9	1 28	0 57	1 41	25 0	2 40	23 10	1 21	4 3	2 9	5 35	0 30	17 15	1 42	30 29	7 1	1 37	1 2	6 34		n.a.
S 16	13 52	1 29	0 53	22 15	1 20	1 27	1 40	24 58	2 43	23 9	1 20	4 6	2 9	5 36	0 30	17 15	1 42	30 29	7 0	1 37	1 1	6 36		n.a.
S 17	14 11	2n19	0s12	22 19	1 12	1 57	1 39	24 56	2 46	23 8	1 20	4 9	2 9	5 37	0 30	17 15	1 42	30 29	7 0	1 38	0 59	6 38		n.a.
M18	14 30	6 1	1 16	22 21	1 2	2 27	1 37	24 53	2 49	23 6	1 20	4 12	2 9	5 39	0 30	17 15	1 42	30 29	7 0	1 37	0 58	6 40		n.a.
T 19	14 48	9 29	2 16	22 22	0 53	2 57	1 36	24 51	2 51	23 5	1 20	4 15	2 9	5 40	0 30	17 15	1 42	30 29	7 0	1 36	0 57	6 41		n.a.
W20	15 7	12 36	3 11	22 22	0 42	3 26	1 35	24 49	2 54	23 3	1 20	4 18	2 9	5 41	0 30	17 14	1 41	30 29	7 0	1 34	0 56	6 43		n.a.
T 21	15 25	15 13	3 58	22 19	0 31	3 56	1 34	24 47	2 58	23 2	1 20	4 20	2 9	5 43	0 30	17 14	1 41	30 29	7 0	1 32	0 54	6 45		n.a.
F 22	15 43	17 11	4 34	22 16	0 20	4 26	1 32	24 44	3 1	23 0	1 19	4 23	2 10	5 44	0 30	17 14	1 41	30 29	7 0	1 29	0 53	6 47		n.a.
S 23	16 1	18 24	4 59	22 11	0 8	4 56	1 31	24 42	3 4	22 59	1 19	4 26	2 10	5 45	0 30	17 14	1 41	30 29	7 0	1 27	0 52	6 48		n.a.
S 24	16 18	18 46	5 10	22 5	0s 5	5 25	1 29	24 40	3 7	22 57	1 19	4 29	2 10	5 46	0 30	17 14	1 41	30 29	7 0	1 24	0 50	6 50		n.a.
M25	16 36	18 12	5 6	21 57	0 18	5 55	1 28	24 38	3 10	22 56	1 19	4 32	2 10	5 48	0 30	17 14	1 41	30 29	7 0	1 22	0 49	6 52		n.a.
T 26	16 53	16 42	4 46	21 48	0 31	6 24	1 26	24 35	3 13	22 54	1 19	4 35	2 10	5 49	0 30	17 14	1 41	30 30	7 0	1 20	0 48	6 54		n.a.
W27	17 9	14 18	4 12	21 39	0 45	6 53	1 24	24 33	3 16	22 52	1 19	4 37	2 10	5 50	0 30	17 14	1 41	30 30	7 0	1 20	0 47	6 55		n.a.
T 28	17 26	11 5	3 23	21 28	0 59	7 22	1 23	24 31	3 19	22 51	1 19	4 40	2 10	5 51	0 30	17 14	1 41	30 30	7 0	1 20	0 45	6 57		n.a.
F 29	17 42	7 10	2 21	21 16	1 14	7 51	1 21	24 28	3 22	22 49	1 18	4 43	2 10	5 53	0 30	17 13	1 41	30 30	7 0	1 20	0 44	6 59		n.a.
S 30	17 58	2 45	1 8	21 3	1 28	8 20	1 19	24 26	3 26	22 47	1 18	4 45	2 10	5 54	0 30	17 13	1 41	30 30	7 0	1 21	0 43	7 1		n.a.
S 31	18n14	1s56	0n10	20n49	1s43	8n49	1s17	24s24	3s29	22n46	1n18	4n48	2s10	5n55	0s30	17n13	1n41	30n30	7n 0	1s21	0s41	7n 2		n.a.

Julian Day Number = 988851.5, Delta T = 13h04m55s
Ecliptic obliquity = 23°55'21, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'28, Lahiri = -31°36'28 Julian Calendar 1 May 2006 BCE == Greg. Calendar 14 Apr. 2006 BCE

The year -2005 astronomical counting style corresponds to year 2006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

JUNE 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 28 8	21♉25'55	20♎ 0	10°R50	26♈34	28♋23	25♋34	17♈ 6	15♈56	18♒24	19♊53	3°R18	1♎39	21♈59	n.a.	M 1
T 2	15 32 5	22°23'01	5♏ 1	10♊47	27°47	28°48	25°43	17°13	15°59	18°24	19°54	3♎15	1°36	22° 5	n.a.	T 2
W 3	15 36 1	23°20'08	20° 5	10°40	28°59	29°13	25°52	17°20	16° 2	18°25	19°56	3°10	1°33	22°12	n.a.	W 3
T 4	15 39 58	24°17'16	5♐ 2	10°27	0♉12	29°38	26° 1	17°27	16° 5	18°25	19°58	3° 3	1°29	22°18	n.a.	T 4
F 5	15 43 55	25°14'25	19°45	10° 9	1°24	0♒ 2	26°10	17°33	16° 8	18°26	19°59	2°55	1°26	22°25	n.a.	F 5
S 6	15 47 51	26°11'34	4♋ 5	9°47	2°37	0°25	26°19	17°40	16°11	18°27	20° 1	2°47	1°23	22°32	n.a.	S 6
S 7	15 51 48	27° 8'44	17°58	9°21	3°49	0°48	26°28	17°47	16°14	18°27	20° 3	2°40	1°20	22°38	n.a.	S 7
M 8	15 55 44	28° 5'56	1♒23	8°51	5° 2	1°11	26°37	17°54	16°16	18°28	20° 4	2°35	1°17	22°45	n.a.	M 8
T 9	15 59 41	29° 3'08	14°20	8°17	6°15	1°33	26°47	18° 0	16°19	18°29	20° 6	2°32	1°13	22°52	n.a.	T 9
W10	16 3 37	0♊ 0'22	26°54	7°40	7°27	1°54	26°56	18° 7	16°22	18°29	20° 8	2°D31	1°10	22°58	n.a.	W10
T 11	16 7 34	0°57'36	9♓ 8	7° 0	8°40	2°15	27° 6	18°14	16°25	18°30	20°10	2°31	1° 7	23° 5	n.a.	T 11
F 12	16 11 30	1°54'52	21° 8	6°18	9°53	2°35	27°16	18°20	16°28	18°31	20°11	2°32	1° 4	23°12	n.a.	F 12
S 13	16 15 27	2°52'09	2♈59	5°35	11° 6	2°55	27°26	18°27	16°30	18°32	20°13	2°R33	1° 1	23°18	n.a.	S 13
S 14	16 19 24	3°49'27	14°47	4°51	12°19	3°14	27°36	18°33	16°33	18°32	20°15	2°32	0°58	23°25	n.a.	S 14
M15	16 23 20	4°46'47	26°34	4° 8	13°32	3°33	27°46	18°39	16°36	18°33	20°17	2°29	0°54	23°32	n.a.	M15
T 16	16 27 17	5°44'08	8♉26	3°25	14°45	3°51	27°56	18°46	16°38	18°34	20°18	2°24	0°51	23°38	n.a.	T 16
W17	16 31 13	6°41'30	20°25	2°44	15°58	4° 8	28° 6	18°52	16°41	18°35	20°20	2°16	0°48	23°45	n.a.	W17
T 18	16 35 10	7°38'53	2♊33	2° 6	17°11	4°25	28°16	18°58	16°43	18°36	20°22	2° 6	0°45	23°52	n.a.	T 18
F 19	16 39 6	8°36'17	14°52	1°31	18°24	4°41	28°27	19° 4	16°46	18°37	20°24	1°54	0°42	23°58	n.a.	F 19
S 20	16 43 3	9°33'43	27°22	0°59	19°37	4°56	28°37	19°10	16°48	18°38	20°26	1°43	0°39	24° 5	n.a.	S 20
S 21	16 46 59	10°31'09	10♋ 3	0°33	20°50	5°11	28°48	19°16	16°51	18°39	20°27	1°31	0°35	24°12	n.a.	S 21
M22	16 50 56	11°28'37	22°57	0°11	22° 4	5°25	28°58	19°22	16°53	18°40	20°29	1°22	0°32	24°18	n.a.	M22
T 23	16 54 53	12°26'06	6♌ 2	29♉56	23°17	5°38	29° 9	19°28	16°55	18°41	20°31	1°15	0°29	24°25	n.a.	T 23
W24	16 58 49	13°23'36	19°20	29°46	24°30	5°51	29°20	19°34	16°58	18°43	20°33	1°10	0°26	24°32	n.a.	W24
T 25	17 2 46	14°21'07	2♍52	29°D43	25°44	6° 2	29°31	19°40	17° 0	18°44	20°35	1° 8	0°23	24°38	n.a.	T 25
F 26	17 6 42	15°18'39	16°39	29°46	26°57	6°14	29°41	19°45	17° 2	18°45	20°36	1°D 8	0°19	24°45	n.a.	F 26
S 27	17 10 39	16°16'12	0♎40	29°56	28°10	6°24	29°52	19°51	17° 4	18°46	20°38	1°R 8	0°16	24°52	n.a.	S 27
S 28	17 14 35	17°13'46	14°57	0♊13	29°24	6°34	0♌ 4	19°56	17° 6	18°47	20°40	1° 7	0°13	24°58	n.a.	S 28
M29	17 18 32	18°11'21	29°27	0°37	0♊37	6°42	0°15	20° 2	17° 8	18°49	20°42	1° 5	0°10	25° 5	n.a.	M29
T 30	17 22 29	19♊ 8'58	14♏ 8	1♊ 9	1♊51	6♒51	0♌26	20♈ 7	17♈11	18♒50	20♊44	1♎ 0	0♎ 7	25♈12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n29	6s36	1n29	20n34	1s58	9n17	1s15	24s22	3s32	22n44	1n18	4n51	2s10	5n56	0s30	17n13	1n41	30n30	7n 0	1s20	0s40	7n 4		n.a.
T 2	18 44	10 54	2 43	20 19	2 13	9 46	1 13	24 19	3 35	22 42	1 18	4 53	2 10	5 57	0 30	17 13	1 41	30 30	7 0	1 19	0 39	7 6		n.a.
W 3	18 59	14 31	3 45	20 3	2 28	10 14	1 11	24 17	3 39	22 40	1 18	4 56	2 10	5 59	0 30	17 12	1 41	30 30	7 0	1 17	0 38	7 8		n.a.
T 4	19 13	17 7	4 31	19 47	2 42	10 42	1 9	24 15	3 42	22 38	1 18	4 59	2 10	6 0	0 30	17 12	1 41	30 31	7 0	1 14	0 36	7 9		n.a.
F 5	19 28	18 33	4 59	19 31	2 57	11 9	1 7	24 13	3 45	22 37	1 17	5 1	2 11	6 1	0 30	17 12	1 41	30 31	7 0	1 11	0 35	7 11		n.a.
S 6	19 41	18 45	5 7	19 14	3 10	11 37	1 5	24 11	3 49	22 35	1 17	5 4	2 11	6 2	0 30	17 12	1 41	30 31	7 0	1 8	0 34	7 13		n.a.
S 7	19 55	17 48	4 56	18 57	3 24	12 4	1 3	24 9	3 52	22 33	1 17	5 6	2 11	6 3	0 30	17 12	1 41	30 31	7 0	1 5	0 32	7 15		n.a.
M 8	20 8	15 53	4 29	18 40	3 36	12 31	1 0	24 7	3 56	22 31	1 17	5 9	2 11	6 4	0 30	17 11	1 41	30 31	7 0	1 3	0 31	7 16		n.a.
T 9	20 21	13 12	3 49	18 23	3 47	12 57	0 58	24 6	3 59	22 29	1 17	5 11	2 11	6 5	0 30	17 11	1 41	30 31	7 0	1 2	0 30	7 18		n.a.
W10	20 34	9 59	2 59	18 7	3 58	13 24	0 56	24 4	4 2	22 27	1 17	5 14	2 11	6 6	0 30	17 11	1 40	30 31	7 0	1 1	0 29	7 20		n.a.
T 11	20 46	6 25	2 2	17 52	4 7	13 50	0 54	24 2	4 6	22 25	1 17	5 16	2 11	6 7	0 30	17 10	1 40	30 31	7 0	1 1	0 27	7 22		n.a.
F 12	20 58	2 39	1 1	17 37	4 15	14 16	0 51	24 1	4 9	22 23	1 17	5 19	2 11	6 8	0 30	17 10	1 40	30 32	7 0	1 2	0 26	7 23		n.a.
S 13	21 9	1n11	0s 2	17 23	4 21	14 41	0 49	24 0	4 13	22 21	1 16	5 21	2 11	6 9	0 30	17 10	1 40	30 32	7 0	1 2	0 25	7 25		n.a.
S 14	21 20	4 56	1 5	17 11	4 26	15 6	0 47	23 58	4 16	22 18	1 16	5 23	2 12	6 11	0 30	17 10	1 40	30 32	7 0	1 2	0 23	7 27		n.a.
M15	21 31	8 31	2 5	17 0	4 29	15 31	0 44	23 57	4 20	22 16	1 16	5 26	2 12	6 12	0 30	17 9	1 40	30 32	7 0	1 0	0 22	7 29		n.a.
T 16	21 42	11 46	2 59	16 50	4 30	15 55	0 42	23 56	4 23	22 14	1 16	5 28	2 12	6 13	0 30	17 9	1 40	30 32	7 0	0 58	0 21	7 30		n.a.
W17	21 52	14 34	3 47	16 43	4 30	16 19	0 39	23 55	4 27	22 12	1 16	5 30	2 12	6 14	0 30	17 9	1 40	30 32	7 0	0 55	0 19	7 32		n.a.
T 18	22 2	16 47	4 24	16 37	4 28	16 43	0 37	23 55	4 30	22 10	1 16	5 33	2 12	6 14	0 30	17 8	1 40	30 33	7 0	0 51	0 18	7 34		n.a.
F 19	22 11	18 15	4 49	16 34	4 24	17 6	0 34	23 54	4 34	22 7	1 16	5 35	2 12	6 15	0 30	17 8	1 40	30 33	7 0	0 46	0 17	7 36		n.a.
S 20	22 20	18 52	5 2	16 33	4 19	17 29	0 32	23 54	4 37	22 5	1 16	5 37	2 12	6 16	0 30	17 7	1 40	30 33	7 0	0 42	0 16	7 37		n.a.
S 21	22 28	18 34	4 59	16 34	4 12	17 51	0 29	23 53	4 41	22 3	1 16	5 39	2 12	6 17	0 30	17 7	1 40	30 33	7 0	0 37	0 14	7 39		n.a.
M22	22 37	17 18	4 42	16 38	4 4	18 13	0 27	23 53	4 45	22 0	1 15	5 41	2 13	6 18	0 30	17 7	1 40	30 33	7 0	0 33	0 13	7 41		n.a.
T 23	22 44	15 7	4 9	16 44	3 54	18 35	0 24	23 53	4 48	21 58	1 15	5 44	2 13	6 19	0 30	17 6	1 40	30 33	7 0	0 30	0 12	7 43		n.a.
W24	22 52	12 7	3 23	16 52	3 44	18 56	0 22	23 53	4 52	21 56	1 15	5 46	2 13	6 20	0 30	17 6	1 40	30 34	7 0	0 28	0 10	7 44		n.a.
T 25	22 59	8 25	2 24	17 3	3 32	19 16	0 19	23 54	4 55	21 53	1 15	5 48	2 13	6 21	0 30	17 5	1 40	30 34	7 0	0 28	0 9	7 46		n.a.
F 26	23 6	4 13	1 16	17 16	3 19	19 36	0 17	23 54	4 59	21 51	1 15	5 50	2 13	6 22	0 30	17 5	1 40	30 34	7 0	0 27	0 8	7 48		n.a.
S 27	23 12	0s19	0 2	17 32	3 6	19 55	0 14	23 55	5 2	21 48	1 15	5 52	2 13	6 23	0 30	17 5	1 40	30 34	7 0	0 27	0 7	7 49		n.a.
S 28	23 18	4 53	1n13	17 49	2 51	20 14	0 12	23 56	5 6	21 46	1 15	5 54	2 13	6 23	0 30	17 4	1 40	30 34	7 0	0 27	0 5	7 51		n.a.
M29	23 23	9 16	2 24	18 8	2 37	20 33	0 9	23 57	5 9	21 43	1 15	5 56	2 14	6 24	0 30	17 4	1 40	30 35	7 1	0 26	0 4	7 53		n.a.
T 30	23n28	13s 7	3n27	18n30	2s22	20n51	0s 7	23s58	5s13	21n41	1n15	5n58	2s14	6n25	0s30	17n 3	1n40	30n35	7n 1	0s24	0s 3	7n55		n.a.

Julian Day Number = 988882.5, Delta T = 13h04m53s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'24, Lahiri = -31°36'24 Julian Calendar 1 June 2006 BCE == Greg. Calendar 15 May 2006 BCE

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

JULY 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 26 25	20♊ 6'36	28♏52	1♊47	3♊ 5	6♒58	0♌37	20♈12	17♈13	18♌51	20♊46	0°R52	0♎ 4	25♈18	n.a.	W 1
T 2	17 30 22	21° 4'15	13♐33	2°32	4°18	7° 4	0°49	20°18	17°15	18°53	20°47	0♎43	0° 0	25°25	n.a.	T 2
F 3	17 34 18	22° 1'56	28° 4	3°23	5°32	7°10	1° 0	20°23	17°16	18°54	20°49	0°31	29♍57	25°32	n.a.	F 3
S 4	17 38 15	22°59'39	12♑17	4°22	6°46	7°15	1°11	20°28	17°18	18°56	20°51	0°20	29°54	25°38	n.a.	S 4
S 5	17 42 11	23°57'23	26° 6	5°27	7°59	7°19	1°23	20°33	17°20	18°57	20°53	0°10	29°51	25°45	n.a.	S 5
M 6	17 46 8	24°55'09	9♒30	6°37	9°13	7°22	1°35	20°38	17°22	18°58	20°55	0° 2	29°48	25°52	n.a.	M 6
T 7	17 50 4	25°52'56	22°29	7°54	10°27	7°25	1°46	20°42	17°24	19° 0	20°56	29♍56	29°45	25°58	n.a.	T 7
W 8	17 54 1	26°50'46	5♓ 4	9°16	11°41	7°26	1°58	20°47	17°26	19° 1	20°58	29°53	29°41	26° 5	n.a.	W 8
T 9	17 57 58	27°48'38	17°19	10°44	12°55	7°R27	2°10	20°52	17°27	19° 3	21° 0	29°51	29°38	26°12	n.a.	T 9
F 10	18 1 54	28°46'31	29°20	12°16	14° 9	7°27	2°22	20°56	17°29	19° 5	21° 2	29°51	29°35	26°18	n.a.	F 10
S 11	18 5 51	29°44'27	11♈12	13°53	15°23	7°26	2°33	21° 1	17°30	19° 6	21° 4	29°51	29°32	26°25	n.a.	S 11
S 12	18 9 47	0♋42'24	23° 0	15°34	16°37	7°24	2°45	21° 5	17°32	19° 8	21° 6	29°50	29°29	26°32	n.a.	S 12
M13	18 13 44	1°40'24	4♉50	17°18	17°51	7°21	2°57	21°10	17°34	19° 9	21° 7	29°47	29°25	26°38	n.a.	M13
T 14	18 17 40	2°38'25	16°46	19° 5	19° 5	7°17	3°10	21°14	17°35	19°11	21° 9	29°41	29°22	26°45	n.a.	T 14
W15	18 21 37	3°36'29	28°52	20°55	20°19	7°13	3°22	21°18	17°36	19°13	21°11	29°32	29°19	26°52	n.a.	W15
T 16	18 25 33	4°34'35	11♊10	22°47	21°33	7° 7	3°34	21°22	17°38	19°14	21°13	29°21	29°16	26°58	n.a.	T 16
F 17	18 29 30	5°32'42	23°43	24°40	22°47	7° 1	3°46	21°26	17°39	19°16	21°15	29° 9	29°13	27° 5	n.a.	F 17
S 18	18 33 27	6°30'52	6♋30	26°35	24° 2	6°54	3°58	21°30	17°40	19°18	21°16	28°55	29°10	27°11	n.a.	S 18
S 19	18 37 23	7°29'04	19°32	28°31	25°16	6°46	4°11	21°34	17°41	19°20	21°18	28°43	29° 6	27°18	n.a.	S 19
M20	18 41 20	8°27'17	2♌47	0♋28	26°30	6°37	4°23	21°37	17°43	19°21	21°20	28°32	29° 3	27°25	n.a.	M20
T 21	18 45 16	9°25'32	16°13	2°25	27°45	6°28	4°35	21°41	17°44	19°23	21°22	28°24	29° 0	27°31	n.a.	T 21
W22	18 49 13	10°23'49	29°48	4°22	28°59	6°17	4°48	21°44	17°45	19°25	21°23	28°19	28°57	27°38	n.a.	W22
T 23	18 53 9	11°22'08	13♍33	6°19	0♋13	6° 6	5° 0	21°48	17°46	19°27	21°25	28°16	28°54	27°45	n.a.	T 23
F 24	18 57 6	12°20'28	27°25	8°15	1°28	5°55	5°13	21°51	17°47	19°29	21°27	28°D16	28°51	27°51	n.a.	F 24
S 25	19 1 2	13°18'50	11♎26	10°11	2°42	5°42	5°25	21°54	17°48	19°31	21°29	28°R16	28°47	27°58	n.a.	S 25
S 26	19 4 59	14°17'14	25°33	12° 7	3°57	5°29	5°38	21°57	17°49	19°33	21°30	28°15	28°44	28° 5	n.a.	S 26
M27	19 8 55	15°15'40	9♏47	14° 2	5°11	5°15	5°50	22° 0	17°49	19°34	21°32	28°13	28°41	28°11	n.a.	M27
T 28	19 12 52	16°14'07	24° 6	15°55	6°26	5° 1	6° 3	22° 3	17°50	19°36	21°34	28° 9	28°38	28°18	n.a.	T 28
W29	19 16 49	17°12'36	8♐25	17°48	7°41	4°46	6°16	22° 6	17°51	19°38	21°35	28° 2	28°35	28°25	n.a.	W29
T 30	19 20 45	18°11'07	22°41	19°40	8°55	4°31	6°28	22° 9	17°52	19°40	21°37	27°52	28°31	28°31	n.a.	T 30
F 31	19 24 42	19♋ 9'40	6♑48	21♋31	10♋10	4♒15	6♌41	22♈11	17♈52	19♌42	21♊39	27♍42	28♍28	28♈38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n33	16s 9	4n16	18n52	2s 6	21n 8	0s 4	23s59	5s16	21n38	1n15	5n59	2s14	6n26	0s30	17n 3	1n40	30n35	7n 1	0s21	0s 1	7n56		n.a.
T 2	23 37	18 7	4 48	19 17	1 51	21 24	0 1	24 1	5 20	21 36	1 15	6 1	2 14	6 27	0 30	17 2	1 40	30 35	7 1	0 17	0 0	7 58		n.a.
F 3	23 41	18 54	5 1	19 42	1 35	21 41	0n 1	24 3	5 23	21 33	1 14	6 3	2 14	6 27	0 30	17 2	1 40	30 35	7 1	0 13	0n 1	8 0		n.a.
S 4	23 44	18 27	4 55	20 8	1 20	21 56	0 4	24 5	5 26	21 30	1 14	6 5	2 14	6 28	0 30	17 1	1 39	30 36	7 1	0 8	0 2	8 1		n.a.
S 5	23 47	16 55	4 31	20 35	1 5	22 11	0 6	24 7	5 30	21 28	1 14	6 7	2 15	6 29	0 30	17 1	1 39	30 36	7 1	0 4	0 4	8 3		n.a.
M 6	23 49	14 29	3 53	21 2	0 50	22 25	0 9	24 9	5 33	21 25	1 14	6 8	2 15	6 29	0 30	17 0	1 39	30 36	7 1	0 1	0 5	8 5		n.a.
T 7	23 51	11 24	3 4	21 30	0 35	22 39	0 11	24 12	5 36	21 22	1 14	6 10	2 15	6 30	0 30	17 0	1 39	30 36	7 1	0n 2	0 6	8 7		n.a.
W 8	23 53	7 52	2 7	21 57	0 21	22 52	0 13	24 14	5 39	21 19	1 14	6 12	2 15	6 31	0 30	16 59	1 39	30 37	7 1	0 3	0 8	8 8		n.a.
T 9	23 54	4 6	1 6	22 23	0 7	23 4	0 16	24 17	5 43	21 17	1 14	6 13	2 15	6 31	0 30	16 59	1 39	30 37	7 1	0 3	0 9	8 10		n.a.
F 10	23 55	0 14	0 3	22 49	0n 6	23 16	0 18	24 20	5 46	21 14	1 14	6 15	2 15	6 32	0 30	16 58	1 39	30 37	7 1	0 4	0 10	8 12		n.a.
S 11	23 55	3n36	1s 0	23 14	0 18	23 27	0 21	24 23	5 49	21 11	1 14	6 16	2 16	6 33	0 30	16 58	1 39	30 37	7 2	0 4	0 11	8 13		n.a.
S 12	23 55	7 16	1 59	23 37	0 30	23 37	0 23	24 27	5 52	21 8	1 14	6 18	2 16	6 33	0 30	16 57	1 39	30 38	7 2	0 4	0 13	8 15		n.a.
M13	23 55	10 40	2 54	23 59	0 41	23 46	0 25	24 30	5 55	21 5	1 14	6 19	2 16	6 34	0 30	16 57	1 39	30 38	7 2	0 5	0 14	8 17		n.a.
T 14	23 54	13 39	3 41	24 19	0 51	23 55	0 28	24 34	5 57	21 2	1 14	6 21	2 16	6 34	0 30	16 56	1 39	30 38	7 2	0 8	0 15	8 19		n.a.
W15	23 52	16 6	4 19	24 36	1 0	24 4	0 30	24 38	6 0	20 59	1 14	6 22	2 16	6 35	0 30	16 56	1 39	30 38	7 2	0 11	0 17	8 20		n.a.
T 16	23 50	17 51	4 46	24 52	1 9	24 11	0 32	24 42	6 3	20 56	1 14	6 24	2 16	6 35	0 30	16 55	1 39	30 38	7 2	0 16	0 18	8 22		n.a.
F 17	23 48	18 47	4 59	25 5	1 16	24 18	0 34	24 46	6 5	20 53	1 14	6 25	2 17	6 36	0 30	16 54	1 39	30 39	7 2	0 21	0 19	8 24		n.a.
S 18	23 45	18 48	4 58	25 16	1 23	24 24	0 37	24 50	6 8	20 50	1 14	6 26	2 17	6 36	0 30	16 54	1 39	30 39	7 2	0 26	0 20	8 25		n.a.
S 19	23 42	17 50	4 41	25 24	1 29	24 29	0 39	24 55	6 10	20 47	1 14	6 27	2 17	6 37	0 30	16 53	1 39	30 39	7 2	0 31	0 22	8 27		n.a.
M20	23 39	15 53	4 9	25 29	1 34	24 33	0 41	24 59	6 12	20 44	1 14	6 29	2 17	6 37	0 30	16 53	1 39	30 39	7 3	0 36	0 23	8 29		n.a.
T 21	23 35	13 4	3 23	25 32	1 38	24 37	0 43	25 4	6 14	20 41	1 13	6 30	2 17	6 38	0 30	16 52	1 39	30 40	7 3	0 39	0 24	8 30		n.a.
W22	23 30	9 31	2 25	25 33	1 42	24 40	0 45	25 8	6 16	20 38	1 13	6 31	2 18	6 38	0 30	16 51	1 39	30 40	7 3	0 41	0 26	8 32		n.a.
T 23	23 25	5 25	1 17	25 30	1 44	24 42	0 47	25 13	6 18	20 35	1 13	6 32	2 18	6 38	0 30	16 51	1 39	30 40	7 3	0 42	0 27	8 34		n.a.
F 24	23 20	0 59	0 4	25 26	1 46	24 44	0 49	25 18	6 20	20 32	1 13	6 33	2 18	6 39	0 30	16 50	1 39	30 41	7 3	0 42	0 28	8 36		n.a.
S 25	23 14	3s33	1n 9	25 19	1 48	24 45	0 51	25 22	6 21	20 29	1 13	6 34	2 18	6 39	0 30	16 50	1 39	30 41	7 3	0 42	0 29	8 37		n.a.
S 26	23 8	7 55	2 20	25 9	1 48	24 45	0 53	25 27	6 23	20 26	1 13	6 35	2 18	6 39	0 30	16 49	1 39	30 41	7 3	0 42	0 31	8 39		n.a.
M27	23 2	11 52	3 22	24 58	1 49	24 44	0 55	25 32	6 24	20 22	1 13	6 36	2 19	6 40	0 30	16 48	1 39	30 41	7 4	0 43	0 32	8 41		n.a.
T 28	22 55	15 7	4 11	24 44	1 48	24 42	0 57	25 36	6 25	20 19	1 13	6 37	2 19	6 40	0 30	16 48	1 39	30 42	7 4	0 45	0 33	8 42		n.a.
W29	22 47	17 28	4 45	24 29	1 47	24 40	0 58	25 41	6 26	20 16	1 13	6 38	2 19	6 40	0 31	16 47	1 39	30 42	7 4	0 48	0 35	8 44		n.a.
T 30	22 39	18 42	5 1	24 11	1 45	24 37	1 0	25 46	6 27	20 13	1 13	6 39	2 19	6 40	0 31	16 46	1 39	30 42	7 4	0 52	0 36	8 46		n.a.
F 31	22n31	18s46	4n59	23n52	1n43	24n33	1n 2	25s50	6s27	20n 9	1n13	6n39	2s20	6n41	0s31	16n46	1n39	30n42	7n 4	0n56	0n37	8n47		n.a.

Julian Day Number = 988912.5, Delta T = 13h04m51s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'20, Lahiri = -31°36'20 Julian Calendar 1 July 2006 BCE == Greg. Calendar 14 June 2006 BCE

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

AUGUST 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 28 38	20♋ 8'15	20♉42	23♋22	11♋25	3°R58	6♌54	22♈14	17♈53	19♌44	21♊40	27°R31	28♍25	28♈45	n.a.	S 1
S 2	19 32 35	21° 6'53	4♒17	25°11	12°39	3♒42	7° 7	22°16	17°53	19°46	21°42	27♍21	28°22	28°51	n.a.	S 2
M 3	19 36 31	22° 5'32	17°31	26°59	13°54	3°24	7°20	22°18	17°54	19°48	21°44	27°13	28°19	28°58	n.a.	M 3
T 4	19 40 28	23° 4'14	0♓24	28°45	15° 9	3° 7	7°32	22°21	17°54	19°50	21°45	27° 7	28°16	29° 5	n.a.	T 4
W 5	19 44 24	24° 2'58	12°57	0♌31	16°24	2°49	7°45	22°23	17°54	19°52	21°47	27° 4	28°12	29°11	n.a.	W 5
T 6	19 48 21	25° 1'44	25°12	2°16	17°39	2°31	7°58	22°25	17°55	19°54	21°48	27°D 3	28° 9	29°18	n.a.	T 6
F 7	19 52 17	26° 0'32	7♈13	4° 0	18°54	2°13	8°11	22°26	17°55	19°57	21°50	27° 3	28° 6	29°25	n.a.	F 7
S 8	19 56 14	26°59'24	19° 6	5°43	20° 8	1°54	8°24	22°28	17°55	19°59	21°52	27° 4	28° 3	29°31	n.a.	S 8
S 9	20 0 11	27°58'17	0♉55	7°25	21°23	1°36	8°37	22°30	17°55	20° 1	21°53	27°R 4	28° 0	29°38	n.a.	S 9
M10	20 4 7	28°57'13	12°46	9° 6	22°38	1°17	8°50	22°31	17°55	20° 3	21°55	27° 3	27°57	29°45	n.a.	M10
T 11	20 8 4	29°56'12	24°44	10°46	23°53	0°59	9° 3	22°33	17°R55	20° 5	21°56	27° 0	27°53	29°51	n.a.	T 11
W12	20 12 0	0♌55'13	6♊54	12°25	25° 8	0°40	9°16	22°34	17°55	20° 7	21°58	26°55	27°50	29°58	n.a.	W12
T 13	20 15 57	1°54'16	19°19	14° 3	26°23	0°22	9°29	22°35	17°55	20° 9	21°59	26°47	27°47	0♉ 5	n.a.	T 13
F 14	20 19 53	2°53'22	2♋ 2	15°40	27°38	0° 3	9°42	22°36	17°55	20°11	22° 1	26°38	27°44	0°11	n.a.	F 14
S 15	20 23 50	3°52'30	15° 4	17°16	28°54	29♉45	9°55	22°37	17°55	20°14	22° 2	26°29	27°41	0°18	n.a.	S 15
S 16	20 27 46	4°51'41	28°24	18°51	0♌ 9	29°28	10° 8	22°38	17°55	20°16	22° 4	26°20	27°37	0°25	n.a.	S 16
M17	20 31 43	5°50'53	12♌ 2	20°26	1°24	29°10	10°21	22°39	17°55	20°18	22° 5	26°12	27°34	0°31	n.a.	M17
T 18	20 35 39	6°50'08	25°53	22° 0	2°39	28°53	10°35	22°39	17°54	20°20	22° 6	26° 6	27°31	0°38	n.a.	T 18
W19	20 39 36	7°49'25	9♍54	23°32	3°54	28°36	10°48	22°40	17°54	20°22	22° 8	26° 3	27°28	0°45	n.a.	W19
T 20	20 43 33	8°48'44	24° 1	25° 4	5° 9	28°20	11° 1	22°40	17°53	20°25	22° 9	26°D 2	27°25	0°51	n.a.	T 20
F 21	20 47 29	9°48'05	8♎12	26°35	6°25	28° 4	11°14	22°41	17°53	20°27	22°10	26° 2	27°22	0°58	n.a.	F 21
S 22	20 51 26	10°47'28	22°24	28° 6	7°40	27°48	11°27	22°41	17°52	20°29	22°12	26° 3	27°18	1° 5	n.a.	S 22
S 23	20 55 22	11°46'53	6♏34	29°35	8°55	27°34	11°40	22°R41	17°52	20°31	22°13	26°R 4	27°15	1°12	n.a.	S 23
M24	20 59 19	12°46'20	20°42	1♍ 4	10°10	27°19	11°53	22°41	17°51	20°33	22°14	26° 4	27°12	1°18	n.a.	M24
T 25	21 3 15	13°45'49	4♐45	2°31	11°26	27° 6	12° 6	22°41	17°51	20°36	22°16	26° 2	27° 9	1°25	n.a.	T 25
W26	21 7 12	14°45'19	18°43	3°58	12°41	26°53	12°19	22°40	17°50	20°38	22°17	25°58	27° 6	1°32	n.a.	W26
T 27	21 11 8	15°44'52	2♑33	5°24	13°56	26°41	12°33	22°40	17°49	20°40	22°18	25°53	27° 2	1°38	n.a.	T 27
F 28	21 15 5	16°44'27	16°13	6°49	15°11	26°29	12°46	22°39	17°48	20°42	22°19	25°47	26°59	1°45	n.a.	F 28
S 29	21 19 1	17°44'03	29°40	8°13	16°27	26°18	12°59	22°39	17°47	20°45	22°20	25°40	26°56	1°52	n.a.	S 29
S 30	21 22 58	18°43'42	12♒53	9°36	17°42	26° 8	13°12	22°38	17°46	20°47	22°22	25°34	26°53	1°58	n.a.	S 30
M31	21 26 55	19♌43'23	25♒49	10♍58	18♌57	25♉58	13♌25	22♈37	17♈45	20♌49	22♊23	25♍29	26♍50	2♉ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n23	17s42	4n38	23n30	1n41	24n28	1n 3	25s55	6s28	20n 6	1n13	6n40	2s20	6n41	0s31	16n45	1n39	30n43	7n 4	1n 0	0n38	8n49		n.a.
S 2	22 14	15 39	4 3	23 8	1 38	24 23	1 5	25 59	6 28	20 3	1 13	6 41	2 20	6 41	0 31	16 44	1 39	30 43	7 4	1 4	0 40	8 51		n.a.
M 3	22 4	12 49	3 14	22 44	1 34	24 17	1 6	26 4	6 28	19 59	1 13	6 42	2 20	6 41	0 31	16 44	1 39	30 43	7 5	1 8	0 41	8 52		n.a.
T 4	21 54	9 25	2 17	22 18	1 31	24 10	1 8	26 8	6 28	19 56	1 13	6 42	2 20	6 41	0 31	16 43	1 39	30 44	7 5	1 10	0 42	8 54		n.a.
W 5	21 44	5 41	1 15	21 51	1 27	24 2	1 9	26 12	6 28	19 53	1 13	6 43	2 21	6 41	0 31	16 42	1 39	30 44	7 5	1 11	0 44	8 56		n.a.
T 6	21 33	1 48	0 10	21 23	1 22	23 54	1 10	26 16	6 27	19 49	1 13	6 43	2 21	6 42	0 31	16 42	1 39	30 44	7 5	1 12	0 45	8 57		n.a.
F 7	21 22	2n 6	0s54	20 54	1 17	23 45	1 12	26 19	6 26	19 46	1 13	6 44	2 21	6 42	0 31	16 41	1 39	30 44	7 5	1 12	0 46	8 59		n.a.
S 8	21 11	5 51	1 55	20 23	1 12	23 35	1 13	26 23	6 26	19 42	1 13	6 44	2 21	6 42	0 31	16 40	1 39	30 45	7 6	1 11	0 47	9 1		n.a.
S 9	20 59	9 21	2 51	19 52	1 7	23 24	1 14	26 26	6 25	19 39	1 13	6 45	2 21	6 42	0 31	16 40	1 39	30 45	7 6	1 11	0 49	9 3		n.a.
M10	20 47	12 30	3 40	19 20	1 2	23 13	1 15	26 30	6 23	19 35	1 13	6 45	2 22	6 42	0 31	16 39	1 39	30 45	7 6	1 12	0 50	9 4		n.a.
T 11	20 34	15 9	4 19	18 47	0 56	23 1	1 16	26 32	6 22	19 32	1 13	6 45	2 22	6 42	0 31	16 38	1 39	30 46	7 6	1 13	0 51	9 6		n.a.
W12	20 21	17 10	4 48	18 13	0 50	22 48	1 17	26 35	6 20	19 28	1 13	6 46	2 22	6 42	0 31	16 37	1 39	30 46	7 6	1 15	0 53	9 8		n.a.
T 13	20 8	18 26	5 4	17 39	0 44	22 35	1 18	26 38	6 18	19 25	1 13	6 46	2 22	6 42	0 31	16 37	1 39	30 46	7 7	1 18	0 54	9 9		n.a.
F 14	19 54	18 50	5 5	17 4	0 38	22 20	1 19	26 40	6 17	19 21	1 13	6 46	2 23	6 42	0 31	16 36	1 39	30 46	7 7	1 22	0 55	9 11		n.a.
S 15	19 40	18 15	4 50	16 28	0 31	22 6	1 20	26 42	6 14	19 18	1 13	6 46	2 23	6 42	0 31	16 35	1 39	30 47	7 7	1 26	0 57	9 13		n.a.
S 16	19 26	16 39	4 20	15 52	0 25	21 50	1 21	26 44	6 12	19 14	1 13	6 46	2 23	6 41	0 31	16 35	1 39	30 47	7 7	1 29	0 58	9 14		n.a.
M17	19 11	14 6	3 34	15 15	0 18	21 34	1 21	26 45	6 10	19 10	1 13	6 46	2 23	6 41	0 31	16 34	1 38	30 47	7 7	1 32	0 59	9 16		n.a.
T 18	18 56	10 43	2 35	14 38	0 11	21 17	1 22	26 46	6 7	19 7	1 13	6 46	2 23	6 41	0 31	16 33	1 38	30 48	7 8	1 35	1 0	9 18		n.a.
W19	18 41	6 41	1 26	14 1	0 4	21 0	1 22	26 47	6 4	19 3	1 13	6 46	2 24	6 41	0 31	16 32	1 38	30 48	7 8	1 36	1 2	9 19		n.a.
T 20	18 25	2 15	0 11	13 23	0s 3	20 42	1 23	26 48	6 1	18 59	1 13	6 46	2 24	6 41	0 31	16 32	1 38	30 48	7 8	1 37	1 3	9 21		n.a.
F 21	18 9	2s19	1n 5	12 45	0 10	20 23	1 23	26 48	5 58	18 56	1 13	6 46	2 24	6 41	0 31	16 31	1 38	30 49	7 8	1 36	1 4	9 23		n.a.
S 22	17 53	6 46	2 18	12 7	0 17	20 4	1 24	26 49	5 55	18 52	1 13	6 46	2 24	6 40	0 31	16 30	1 38	30 49	7 8	1 36	1 6	9 24		n.a.
S 23	17 36	10 49	3 22	11 28	0 24	19 44	1 24	26 48	5 52	18 48	1 13	6 46	2 24	6 40	0 31	16 30	1 38	30 49	7 9	1 36	1 7	9 26		n.a.
M24	17 19	14 13	4 13	10 50	0 32	19 24	1 24	26 48	5 48	18 45	1 13	6 46	2 25	6 40	0 31	16 29	1 38	30 49	7 9	1 36	1 8	9 27		n.a.
T 25	17 2	16 47	4 49	10 11	0 39	19 3	1 24	26 47	5 45	18 41	1 14	6 46	2 25	6 40	0 31	16 28	1 38	30 50	7 9	1 36	1 9	9 29		n.a.
W26	16 44	18 19	5 8	9 32	0 46	18 41	1 24	26 47	5 41	18 37	1 14	6 45	2 25	6 39	0 31	16 27	1 38	30 50	7 9	1 38	1 11	9 31		n.a.
T 27	16 26	18 46	5 8	8 54	0 53	18 19	1 24	26 45	5 38	18 33	1 14	6 45	2 25	6 39	0 31	16 27	1 38	30 50	7 10	1 40	1 12	9 32		n.a.
F 28	16 8	18 6	4 51	8 15	1 1	17 57	1 24	26 44	5 34	18 30	1 14	6 45	2 25	6 39	0 31	16 26	1 38	30 51	7 10	1 43	1 13	9 34		n.a.
S 29	15 50	16 26	4 18	7 36	1 8	17 34	1 24	26 42	5 30	18 26	1 14	6 44	2 26	6 38	0 31	16 25	1 39	30 51	7 10	1 45	1 15	9 36		n.a.
S 30	15 31	13 55	3 31	6 58	1 15	17 10	1 24	26 41	5 26	18 22	1 14	6 44	2 26	6 38	0 31	16 24	1 39	30 51	7 10	1 48	1 16	9 37		n.a.
M31	15n12	10s45	2n35	6n20	1s22	16n46	1n24	26s39	5s22	18n18	1n14	6n43	2s26	6n38	0s31	16n24	1n39	30n52	7n11	1n50	1n17	9n39		n.a.

Julian Day Number = 988943.5, Delta T = 13h04m49s
Ecliptic obliquity = 23°55'20, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'16, Lahiri = -31°36'15 Julian Calendar 1 Aug. 2006 BCE == Greg. Calendar 15 July 2006 BCE

The year -2005 astronomical counting style corresponds to year 2006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

SEPTEMBER 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 30 51	20♌43'06	8♓30	12♍19	20♌13	25°R50	13♌38	22°R36	17°R44	20♌51	22♊24	25°R26	26♍47	2♉12	n.a.	T 1
W 2	21 34 48	21°42'51	20°54	13°39	21°28	25♋42	13°51	22♈35	17♈43	20°54	22°25	25°D25	26°43	2°18	n.a.	W 2
T 3	21 38 44	22°42'39	3♈ 5	14°58	22°44	25°35	14° 4	22°34	17°42	20°56	22°26	25♍25	26°40	2°25	n.a.	T 3
F 4	21 42 41	23°42'29	15° 5	16°16	23°59	25°28	14°17	22°33	17°41	20°58	22°27	25°26	26°37	2°32	n.a.	F 4
S 5	21 46 37	24°42'21	26°57	17°32	25°14	25°23	14°30	22°31	17°40	21° 0	22°28	25°28	26°34	2°38	n.a.	S 5
S 6	21 50 34	25°42'16	8♉46	18°47	26°30	25°18	14°43	22°30	17°39	21° 3	22°29	25°30	26°31	2°45	n.a.	S 6
M 7	21 54 30	26°42'13	20°37	20° 0	27°45	25°14	14°56	22°28	17°37	21° 5	22°30	25°31	26°28	2°52	n.a.	M 7
T 8	21 58 27	27°42'12	2♊35	21°12	29° 1	25°10	15° 9	22°27	17°36	21° 7	22°31	25°R31	26°24	2°58	n.a.	T 8
W 9	22 2 23	28°42'14	14°44	22°22	0♍16	25° 8	15°22	22°25	17°35	21° 9	22°32	25°30	26°21	3° 5	n.a.	W 9
T 10	22 6 20	29°42'18	27° 9	23°29	1°32	25° 6	15°35	22°23	17°33	21°11	22°33	25°28	26°18	3°12	n.a.	T 10
F 11	22 10 17	0♍42'24	9♋55	24°35	2°47	25° 6	15°48	22°21	17°32	21°14	22°34	25°24	26°15	3°18	n.a.	F 11
S 12	22 14 13	1°42'33	23° 2	25°38	4° 2	25°D 5	16° 1	22°19	17°30	21°16	22°34	25°21	26°12	3°25	n.a.	S 12
S 13	22 18 10	2°42'44	6♌33	26°39	5°18	25° 6	16°14	22°16	17°29	21°18	22°35	25°17	26° 8	3°32	n.a.	S 13
M14	22 22 6	3°42'57	20°27	27°36	6°33	25° 8	16°27	22°14	17°27	21°20	22°36	25°14	26° 5	3°38	n.a.	M14
T 15	22 26 3	4°43'12	4♍39	28°30	7°49	25°10	16°39	22°11	17°25	21°23	22°37	25°12	26° 2	3°45	n.a.	T 15
W16	22 29 59	5°43'29	19° 6	29°21	9° 4	25°13	16°52	22° 9	17°24	21°25	22°38	25°D11	25°59	3°52	n.a.	W16
T 17	22 33 56	6°43'48	3♎41	0♎ 7	10°20	25°17	17° 5	22° 6	17°22	21°27	22°38	25°11	25°56	3°58	n.a.	T 17
F 18	22 37 52	7°44'09	18°19	0°49	11°35	25°22	17°18	22° 3	17°20	21°29	22°39	25°12	25°53	4° 5	n.a.	F 18
S 19	22 41 49	8°44'31	2♏54	1°26	12°51	25°27	17°30	22° 1	17°18	21°31	22°40	25°13	25°49	4°12	n.a.	S 19
S 20	22 45 45	9°44'55	17°20	1°57	14° 6	25°33	17°43	21°58	17°16	21°33	22°40	25°14	25°46	4°18	n.a.	S 20
M21	22 49 42	10°45'21	1♐35	2°22	15°22	25°40	17°56	21°55	17°15	21°36	22°41	25°15	25°43	4°25	n.a.	M21
T 22	22 53 39	11°45'48	15°36	2°40	16°37	25°48	18° 8	21°51	17°13	21°38	22°41	25°R15	25°40	4°32	n.a.	T 22
W23	22 57 35	12°46'17	29°22	2°50	17°53	25°56	18°21	21°48	17°11	21°40	22°42	25°15	25°37	4°38	n.a.	W23
T 24	23 1 32	13°46'47	12♑53	2°R53	19° 8	26° 5	18°33	21°45	17° 9	21°42	22°42	25°14	25°34	4°45	n.a.	T 24
F 25	23 5 28	14°47'19	26°10	2°46	20°24	26°15	18°46	21°42	17° 7	21°44	22°43	25°12	25°30	4°52	n.a.	F 25
S 26	23 9 25	15°47'52	9♒12	2°30	21°39	26°26	18°58	21°38	17° 5	21°46	22°43	25°11	25°27	4°58	n.a.	S 26
S 27	23 13 21	16°48'27	22° 1	2° 4	22°55	26°37	19°11	21°34	17° 3	21°48	22°44	25°10	25°24	5° 5	n.a.	S 27
M28	23 17 18	17°49'04	4♓37	1°28	24°10	26°48	19°23	21°31	17° 0	21°50	22°44	25° 9	25°21	5°12	n.a.	M28
T 29	23 21 14	18°49'42	17° 1	0°41	25°26	27° 1	19°35	21°27	16°58	21°52	22°45	25° 8	25°18	5°18	n.a.	T 29
W30	23 25 11	19♍50'21	29♓14	29♍46	26♍41	27♋14	19♌47	21♈23	16♈56	21♌54	22♊45	25°D 8	25♍14	5♉25	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n53	7s 9	1n31	5n42	1s30	16n22	1n24	26s36	5s18	18n15	1n14	6n43	2s26	6n37	0s31	16n23	1n39	30n52	7n11	1n51	1n18	9n41		n.a.
W 2	14 33	3 18	0 25	5 4	1 37	15 57	1 23	26 34	5 14	18 11	1 14	6 42	2 27	6 37	0 31	16 22	1 39	30 52	7 11	1 51	1 20	9 42		n.a.
T 3	14 13	0n37	0s42	4 27	1 43	15 31	1 23	26 31	5 10	18 7	1 14	6 41	2 27	6 36	0 31	16 22	1 39	30 53	7 11	1 51	1 21	9 44		n.a.
F 4	13 53	4 26	1 46	3 50	1 50	15 5	1 22	26 28	5 5	18 3	1 14	6 41	2 27	6 36	0 31	16 21	1 39	30 53	7 12	1 51	1 22	9 46		n.a.
S 5	13 33	8 2	2 44	3 14	1 57	14 39	1 22	26 25	5 1	17 59	1 14	6 40	2 27	6 35	0 31	16 20	1 39	30 53	7 12	1 50	1 24	9 47		n.a.
S 6	13 12	11 18	3 36	2 38	2 3	14 12	1 21	26 22	4 57	17 56	1 14	6 39	2 27	6 35	0 31	16 19	1 39	30 53	7 12	1 49	1 25	9 49		n.a.
M 7	12 52	14 7	4 18	2 3	2 10	13 45	1 21	26 19	4 53	17 52	1 14	6 38	2 27	6 34	0 31	16 19	1 39	30 54	7 12	1 49	1 26	9 51		n.a.
T 8	12 31	16 22	4 50	1 29	2 16	13 18	1 20	26 15	4 48	17 48	1 14	6 38	2 28	6 34	0 31	16 18	1 39	30 54	7 13	1 49	1 27	9 52		n.a.
W 9	12 10	17 55	5 9	0 56	2 22	12 50	1 19	26 11	4 44	17 44	1 14	6 37	2 28	6 33	0 31	16 17	1 39	30 54	7 13	1 49	1 29	9 54		n.a.
T 10	11 48	18 39	5 14	0 23	2 27	12 22	1 18	26 7	4 40	17 40	1 14	6 36	2 28	6 33	0 31	16 17	1 39	30 55	7 13	1 50	1 30	9 55		n.a.
F 11	11 27	18 29	5 5	0s 8	2 33	11 53	1 17	26 3	4 35	17 36	1 15	6 35	2 28	6 32	0 31	16 16	1 39	30 55	7 13	1 52	1 31	9 57		n.a.
S 12	11 5	17 20	4 39	0 38	2 38	11 24	1 16	25 59	4 31	17 32	1 15	6 34	2 28	6 31	0 31	16 15	1 39	30 55	7 14	1 53	1 33	9 59		n.a.
S 13	10 43	15 11	3 57	1 7	2 42	10 55	1 15	25 55	4 27	17 29	1 15	6 33	2 29	6 31	0 31	16 14	1 39	30 56	7 14	1 55	1 34	10 0		n.a.
M14	10 21	12 7	3 0	1 34	2 46	10 26	1 14	25 50	4 22	17 25	1 15	6 32	2 29	6 30	0 31	16 14	1 39	30 56	7 14	1 56	1 35	10 2		n.a.
T 15	9 58	8 17	1 51	1 59	2 50	9 56	1 13	25 45	4 18	17 21	1 15	6 31	2 29	6 30	0 31	16 13	1 39	30 56	7 14	1 57	1 36	10 4		n.a.
W16	9 36	3 53	0 34	2 22	2 53	9 26	1 12	25 41	4 14	17 17	1 15	6 30	2 29	6 29	0 31	16 12	1 39	30 57	7 15	1 57	1 38	10 5		n.a.
T 17	9 13	0s47	0n47	2 44	2 56	8 56	1 11	25 36	4 10	17 13	1 15	6 29	2 29	6 28	0 31	16 12	1 39	30 57	7 15	1 57	1 39	10 7		n.a.
F 18	8 50	5 25	2 5	3 2	2 57	8 25	1 9	25 31	4 5	17 9	1 15	6 27	2 29	6 27	0 31	16 11	1 39	30 57	7 15	1 57	1 40	10 8		n.a.
S 19	8 27	9 41	3 14	3 18	2 58	7 55	1 8	25 25	4 1	17 5	1 15	6 26	2 30	6 27	0 31	16 10	1 39	30 58	7 15	1 56	1 42	10 10		n.a.
S 20	8 4	13 21	4 10	3 31	2 59	7 24	1 7	25 20	3 57	17 2	1 15	6 25	2 30	6 26	0 31	16 9	1 39	30 58	7 16	1 56	1 43	10 12		n.a.
M21	7 41	16 9	4 50	3 40	2 58	6 53	1 5	25 15	3 53	16 58	1 16	6 24	2 30	6 25	0 31	16 9	1 39	30 58	7 16	1 55	1 44	10 13		n.a.
T 22	7 17	17 57	5 12	3 45	2 56	6 21	1 4	25 9	3 49	16 54	1 16	6 22	2 30	6 25	0 31	16 8	1 39	30 58	7 16	1 55	1 45	10 15		n.a.
W23	6 54	18 39	5 16	3 47	2 52	5 50	1 2	25 4	3 45	16 50	1 16	6 21	2 30	6 24	0 31	16 7	1 39	30 59	7 17	1 56	1 47	10 16		n.a.
T 24	6 30	18 16	5 2	3 43	2 48	5 18	1 0	24 58	3 41	16 46	1 16	6 20	2 30	6 23	0 31	16 7	1 39	30 59	7 17	1 56	1 48	10 18		n.a.
F 25	6 6	16 53	4 32	3 35	2 42	4 46	0 59	24 52	3 37	16 42	1 16	6 18	2 30	6 22	0 31	16 6	1 39	30 59	7 17	1 57	1 49	10 20		n.a.
S 26	5 43	14 39	3 48	3 22	2 34	4 15	0 57	24 46	3 33	16 38	1 16	6 17	2 30	6 21	0 31	16 5	1 39	31 0	7 17	1 57	1 51	10 21		n.a.
S 27	5 19	11 43	2 54	3 2	2 25	3 43	0 55	24 40	3 29	16 35	1 16	6 15	2 31	6 21	0 31	16 5	1 39	31 0	7 18	1 58	1 52	10 23		n.a.
M28	4 55	8 17	1 52	2 38	2 14	3 10	0 53	24 34	3 25	16 31	1 16	6 14	2 31	6 20	0 31	16 4	1 39	31 0	7 18	1 58	1 53	10 25		n.a.
T 29	4 30	4 32	0 45	2 7	2 0	2 38	0 52	24 28	3 21	16 27	1 16	6 12	2 31	6 19	0 31	16 3	1 39	31 1	7 18	1 58	1 54	10 26		n.a.
W30	4n 6	0s40	0s23	1s31	1s46	2n 6	0n50	24s21	3s17	16n23	1n17	6n11	2s31	6n18	0s31	16n 3	1n39	31n 1	7n18	1n58	1n56	10n28		n.a.

Julian Day Number = 988974.5, Delta T = 13h04m47s
Ecliptic obliquity = 23°55'20, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'12, Lahiri = -31°36'11 Julian Calendar 1 Sept. 2006 BCE == Greg. Calendar 15 Aug. 2006 BCE

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

OCTOBER 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 29 8	20♍51'02	11♈17	28°R41	27♍57	27♉27	20♌ 0	21°R19	16°R54	21♌56	22♊45	25♍ 9	25♍11	5♉32	n.a.	T 1
F 2	23 33 4	21°51'45	23°13	27♍30	29°12	27°41	20°12	21♈15	16♈52	21°58	22°46	25° 9	25° 8	5°38	n.a.	F 2
S 3	23 37 1	22°52'30	5♉ 4	26°12	0♎28	27°56	20°24	21°11	16°49	22° 0	22°46	25° 9	25° 5	5°45	n.a.	S 3
S 4	23 40 57	23°53'17	16°53	24°52	1°43	28°11	20°36	21° 7	16°47	22° 2	22°46	25°10	25° 2	5°52	n.a.	S 4
M 5	23 44 54	24°54'05	28°44	23°31	2°59	28°27	20°48	21° 3	16°45	22° 4	22°46	25°R10	24°59	5°59	n.a.	M 5
T 6	23 48 50	25°54'55	10♊40	22°12	4°14	28°43	21° 0	20°59	16°43	22° 6	22°46	25°10	24°55	6° 5	n.a.	T 6
W 7	23 52 47	26°55'47	22°46	20°57	5°30	29° 0	21°11	20°55	16°40	22° 8	22°47	25°D10	24°52	6°12	n.a.	W 7
T 8	23 56 43	27°56'40	5♋ 8	19°50	6°45	29°18	21°23	20°50	16°38	22°10	22°47	25°10	24°49	6°19	n.a.	T 8
F 9	0 0 40	28°57'35	17°48	18°51	8° 0	29°36	21°35	20°46	16°35	22°12	22°47	25°10	24°46	6°25	n.a.	F 9
S 10	0 4 36	29°58'32	0♌51	18° 3	9°16	29°54	21°47	20°41	16°33	22°14	22°47	25°10	24°43	6°32	n.a.	S 10
S 11	0 8 33	0♎59'30	14°20	17°26	10°31	0♒13	21°58	20°37	16°31	22°16	22°47	25°11	24°39	6°39	n.a.	S 11
M12	0 12 30	2° 0'30	28°16	17° 1	11°47	0°32	22°10	20°32	16°28	22°18	22°R47	25°11	24°36	6°45	n.a.	M12
T 13	0 16 26	3° 1'31	12♍37	16°48	13° 2	0°52	22°21	20°28	16°26	22°19	22°47	25°12	24°33	6°52	n.a.	T 13
W14	0 20 23	4° 2'34	27°19	16°D45	14°18	1°12	22°33	20°23	16°23	22°21	22°47	25°R12	24°30	6°59	n.a.	W14
T 15	0 24 19	5° 3'37	12♎16	16°54	15°33	1°33	22°44	20°18	16°21	22°23	22°47	25°12	24°27	7° 5	n.a.	T 15
F 16	0 28 16	6° 4'42	27°20	17°12	16°48	1°54	22°55	20°13	16°18	22°25	22°47	25°11	24°24	7°12	n.a.	F 16
S 17	0 32 12	7° 5'48	12♏21	17°39	18° 4	2°16	23° 6	20° 9	16°16	22°26	22°46	25° 9	24°20	7°19	n.a.	S 17
S 18	0 36 9	8° 6'55	27°11	18°14	19°19	2°38	23°17	20° 4	16°13	22°28	22°46	25° 8	24°17	7°25	n.a.	S 18
M19	0 40 5	9° 8'02	11♐44	18°57	20°35	3° 0	23°28	19°59	16°11	22°30	22°46	25° 6	24°14	7°32	n.a.	M19
T 20	0 44 2	10° 9'11	25°55	19°46	21°50	3°23	23°39	19°54	16° 8	22°32	22°46	25° 5	24°11	7°39	n.a.	T 20
W21	0 47 59	11°10'20	9♑44	20°40	23° 5	3°46	23°50	19°49	16° 6	22°33	22°46	25°D 5	24° 8	7°45	n.a.	W21
T 22	0 51 55	12°11'29	23° 9	21°39	24°21	4°10	24° 1	19°44	16° 3	22°35	22°45	25° 5	24° 5	7°52	n.a.	T 22
F 23	0 55 52	13°12'40	6♒13	22°43	25°36	4°33	24°12	19°39	16° 1	22°36	22°45	25° 6	24° 1	7°59	n.a.	F 23
S 24	0 59 48	14°13'50	18°59	23°51	26°51	4°58	24°22	19°34	15°58	22°38	22°45	25° 7	23°58	8° 5	n.a.	S 24
S 25	1 3 45	15°15'02	1♓30	25° 1	28° 7	5°22	24°33	19°29	15°55	22°40	22°44	25° 9	23°55	8°12	n.a.	S 25
M26	1 7 41	16°16'14	13°48	26°15	29°22	5°47	24°43	19°24	15°53	22°41	22°44	25°10	23°52	8°19	n.a.	M26
T 27	1 11 38	17°17'26	25°56	27°31	0♏37	6°12	24°53	19°19	15°50	22°43	22°44	25°R11	23°49	8°26	n.a.	T 27
W28	1 15 35	18°18'39	7♈57	28°49	1°52	6°38	25° 3	19°14	15°48	22°44	22°43	25°10	23°45	8°32	n.a.	W28
T 29	1 19 31	19°19'53	19°53	0♎ 8	3° 8	7° 4	25°14	19° 9	15°45	22°45	22°43	25° 8	23°42	8°39	n.a.	T 29
F 30	1 23 28	20°21'07	1♉45	1°30	4°23	7°30	25°24	19° 4	15°43	22°47	22°42	25° 5	23°39	8°46	n.a.	F 30
S 31	1 27 24	21♎22'22	13♉35	2♎53	5♏38	7♒56	25♌33	18♈59	15♈40	22♌48	22♊42	25♍ 0	23♍36	8♉52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n42	3n12	1s29	0s49	1s29	1n34	0n48	24s15	3s13	16n19	1n17	6n 9	2s31	6n17	0s31	16n 2	1n39	31n 1	7n19	1n58	1n57	10n29		n.a.
F 2	3 17	6 53	2 30	0 4	1 11	1 1	0 46	24 8	3 10	16 15	1 17	6 8	2 31	6 16	0 31	16 2	1 39	31 2	7 19	1 58	1 58	10 31		n.a.
S 3	2 53	10 16	3 24	0n45	0 51	0 29	0 44	24 2	3 6	16 12	1 17	6 6	2 31	6 15	0 31	16 1	1 39	31 2	7 19	1 58	2 0	10 33		n.a.
S 4	2 28	13 14	4 10	1 36	0 31	0s 4	0 42	23 55	3 2	16 8	1 17	6 4	2 31	6 15	0 31	16 0	1 39	31 2	7 20	1 58	2 1	10 34		n.a.
M 5	2 4	15 39	4 45	2 28	0 10	0 36	0 40	23 48	2 59	16 4	1 17	6 3	2 31	6 14	0 31	16 0	1 39	31 2	7 20	1 58	2 2	10 36		n.a.
T 6	1 39	17 25	5 8	3 19	0n10	1 9	0 38	23 41	2 55	16 0	1 17	6 1	2 31	6 13	0 31	15 59	1 39	31 3	7 20	1 58	2 3	10 37		n.a.
W 7	1 15	18 26	5 18	4 7	0 30	1 41	0 35	23 34	2 52	15 57	1 18	5 59	2 32	6 12	0 31	15 58	1 39	31 3	7 20	1 58	2 5	10 39		n.a.
T 8	0 50	18 36	5 13	4 51	0 49	2 13	0 33	23 27	2 48	15 53	1 18	5 57	2 32	6 11	0 31	15 58	1 39	31 3	7 21	1 58	2 6	10 41		n.a.
F 9	0 25	17 52	4 54	5 31	1 7	2 46	0 31	23 20	2 45	15 49	1 18	5 56	2 32	6 10	0 31	15 57	1 39	31 4	7 21	1 58	2 7	10 42		n.a.
S 10	0 1	16 10	4 18	6 5	1 23	3 18	0 29	23 12	2 41	15 45	1 18	5 54	2 32	6 9	0 31	15 57	1 40	31 4	7 21	1 57	2 9	10 44		n.a.
S 11	0s24	13 33	3 28	6 33	1 37	3 50	0 27	23 5	2 38	15 42	1 18	5 52	2 32	6 8	0 31	15 56	1 40	31 4	7 22	1 57	2 10	10 45		n.a.
M12	0 49	10 4	2 24	6 54	1 50	4 23	0 24	22 58	2 35	15 38	1 18	5 50	2 32	6 7	0 31	15 56	1 40	31 4	7 22	1 57	2 11	10 47		n.a.
T 13	1 14	5 54	1 9	7 9	2 0	4 55	0 22	22 50	2 32	15 34	1 18	5 49	2 32	6 6	0 31	15 55	1 40	31 5	7 22	1 57	2 12	10 48		n.a.
W14	1 38	1 16	0n12	7 18	2 9	5 27	0 20	22 42	2 28	15 31	1 19	5 47	2 32	6 5	0 31	15 54	1 40	31 5	7 22	1 57	2 14	10 50		n.a.
T 15	2 3	3s31	1 33	7 21	2 16	5 58	0 17	22 34	2 25	15 27	1 19	5 45	2 32	6 4	0 31	15 54	1 40	31 5	7 23	1 57	2 15	10 52		n.a.
F 16	2 28	8 6	2 49	7 19	2 21	6 30	0 15	22 27	2 22	15 24	1 19	5 43	2 32	6 3	0 31	15 53	1 40	31 6	7 23	1 57	2 16	10 53		n.a.
S 17	2 52	12 10	3 53	7 11	2 25	7 2	0 13	22 19	2 19	15 20	1 19	5 41	2 32	6 2	0 31	15 53	1 40	31 6	7 23	1 58	2 18	10 55		n.a.
S 18	3 17	15 23	4 40	7 0	2 27	7 33	0 10	22 10	2 16	15 16	1 19	5 39	2 32	6 1	0 31	15 52	1 40	31 6	7 24	1 58	2 19	10 56		n.a.
M19	3 41	17 33	5 8	6 44	2 29	8 4	0 8	22 2	2 13	15 13	1 20	5 38	2 32	6 0	0 31	15 52	1 40	31 6	7 24	1 59	2 20	10 58		n.a.
T 20	4 6	18 35	5 17	6 24	2 29	8 35	0 5	21 54	2 10	15 9	1 20	5 36	2 32	5 59	0 31	15 51	1 40	31 7	7 24	1 59	2 21	11 0		n.a.
W21	4 30	18 28	5 7	6 2	2 28	9 6	0 3	21 46	2 7	15 6	1 20	5 34	2 32	5 58	0 31	15 51	1 40	31 7	7 24	2 0	2 23	11 1		n.a.
T 22	4 55	17 18	4 40	5 36	2 26	9 37	0 1	21 37	2 5	15 2	1 20	5 32	2 32	5 57	0 31	15 50	1 40	31 7	7 25	2 0	2 24	11 3		n.a.
F 23	5 19	15 14	3 59	5 8	2 24	10 7	0s 2	21 29	2 2	14 59	1 20	5 30	2 32	5 56	0 31	15 50	1 40	31 7	7 25	1 59	2 25	11 4		n.a.
S 24	5 43	12 29	3 7	4 38	2 20	10 37	0 4	21 20	1 59	14 56	1 20	5 28	2 32	5 55	0 31	15 49	1 40	31 8	7 25	1 58	2 27	11 6		n.a.
S 25	6 7	9 11	2 7	4 6	2 17	11 7	0 7	21 11	1 56	14 52	1 21	5 26	2 32	5 54	0 31	15 49	1 40	31 8	7 26	1 58	2 28	11 7		n.a.
M26	6 31	5 32	1 2	3 32	2 12	11 37	0 9	21 2	1 54	14 49	1 21	5 24	2 32	5 53	0 31	15 48	1 40	31 8	7 26	1 57	2 29	11 9		n.a.
T 27	6 55	1 43	0s 4	2 57	2 8	12 6	0 12	20 53	1 51	14 45	1 21	5 23	2 32	5 52	0 31	15 48	1 40	31 8	7 26	1 57	2 30	11 11		n.a.
W28	7 19	2n 9	1 10	2 21	2 3	12 35	0 14	20 44	1 48	14 42	1 21	5 21	2 32	5 51	0 31	15 47	1 40	31 9	7 26	1 57	2 32	11 12		n.a.
T 29	7 43	5 54	2 12	1 44	1 57	13 4	0 16	20 35	1 46	14 39	1 21	5 19	2 32	5 50	0 31	15 47	1 40	31 9	7 27	1 58	2 33	11 14		n.a.
F 30	8 6	9 23	3 8	1 6	1 52	13 32	0 19	20 26	1 43	14 36	1 22	5 17	2 32	5 49	0 31	15 47	1 41	31 9	7 27	2 0	2 34	11 15		n.a.
S 31	8s30	12n30	3s55	0n27	1n46	14s 0	0s21	20s16	1s41	14n32	1n22	5n15	2s31	5n48	0s31	15n46	1n41	31n 9	7n27	2n 1	2n35	11n17		n.a.

Julian Day Number = 989004.5, Delta T = 13h04m45s
Ecliptic obliquity = 23°55'21, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'08, Lahiri = -31°36'07 Julian Calendar 1 Oct. 2006 BCE == Greg. Calendar 14 Sept. 2006 BCE

The year -2005 astronomical counting style corresponds to year 2006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

NOVEMBER 2006 BCE (-2005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 31 21	22♎23'38	25♉25	4♎17	6♏53	8♒23	25♌43	18°R54	15°R38	22♌50	22°R41	24°R55	23♍33	8♉59	n.a.	S 1
M 2	1 35 17	23°24'54	7♊18	5°42	8° 9	8°50	25°53	18♈49	15♈35	22°51	22♊40	24♍50	23°30	9° 6	n.a.	M 2
T 3	1 39 14	24°26'11	19°16	7° 7	9°24	9°17	26° 3	18°44	15°33	22°52	22°40	24°45	23°26	9°12	n.a.	T 3
W 4	1 43 10	25°27'29	1♋22	8°34	10°39	9°45	26°12	18°39	15°30	22°53	22°39	24°42	23°23	9°19	n.a.	W 4
T 5	1 47 7	26°28'47	13°41	10° 1	11°54	10°13	26°21	18°34	15°28	22°55	22°39	24°39	23°20	9°26	n.a.	T 5
F 6	1 51 4	27°30'06	26°15	11°29	13° 9	10°41	26°31	18°29	15°25	22°56	22°38	24°D38	23°17	9°32	n.a.	F 6
S 7	1 55 0	28°31'26	9♌10	12°58	14°24	11° 9	26°40	18°24	15°23	22°57	22°37	24°39	23°14	9°39	n.a.	S 7
S 8	1 58 57	29°32'46	22°29	14°27	15°40	11°38	26°49	18°19	15°20	22°58	22°36	24°40	23°10	9°46	n.a.	S 8
M 9	2 2 53	0♏34'06	6♍14	15°56	16°55	12° 6	26°58	18°15	15°18	22°59	22°36	24°42	23° 7	9°52	n.a.	M 9
T 10	2 6 50	1°35'27	20°28	17°26	18°10	12°35	27° 7	18°10	15°15	23° 0	22°35	24°R43	23° 4	9°59	n.a.	T 10
W11	2 10 46	2°36'48	5♎ 7	18°56	19°25	13° 4	27°15	18° 5	15°13	23° 1	22°34	24°42	23° 1	10° 6	n.a.	W11
T 12	2 14 43	3°38'10	20° 9	20°27	20°40	13°34	27°24	18° 0	15°10	23° 2	22°33	24°40	22°58	10°12	n.a.	T 12
F 13	2 18 39	4°39'31	5♏23	21°58	21°55	14° 3	27°32	17°56	15° 8	23° 3	22°32	24°36	22°55	10°19	n.a.	F 13
S 14	2 22 36	5°40'53	20°42	23°29	23°10	14°33	27°41	17°51	15° 6	23° 4	22°32	24°30	22°51	10°26	n.a.	S 14
S 15	2 26 33	6°42'14	5♐52	25° 1	24°25	15° 3	27°49	17°46	15° 3	23° 5	22°31	24°24	22°48	10°33	n.a.	S 15
M16	2 30 29	7°43'36	20°45	26°33	25°40	15°33	27°57	17°42	15° 1	23° 6	22°30	24°17	22°45	10°39	n.a.	M16
T 17	2 34 26	8°44'57	5♑13	28° 5	26°55	16° 4	28° 5	17°37	14°59	23° 7	22°29	24°11	22°42	10°46	n.a.	T 17
W18	2 38 22	9°46'18	19°13	29°38	28°10	16°34	28°13	17°33	14°56	23° 8	22°28	24° 7	22°39	10°53	n.a.	W18
T 19	2 42 19	10°47'38	2♒44	1♏11	29°25	17° 5	28°20	17°28	14°54	23° 9	22°27	24° 5	22°36	10°59	n.a.	T 19
F 20	2 46 15	11°48'57	15°48	2°44	0♐40	17°36	28°28	17°24	14°52	23°10	22°26	24°D 5	22°32	11° 6	n.a.	F 20
S 21	2 50 12	12°50'16	28°29	4°17	1°55	18° 7	28°35	17°20	14°50	23°10	22°25	24° 6	22°29	11°13	n.a.	S 21
S 22	2 54 9	13°51'34	10♓52	5°51	3°10	18°39	28°43	17°15	14°48	23°11	22°24	24° 7	22°26	11°19	n.a.	S 22
M23	2 58 5	14°52'52	23° 0	7°26	4°25	19°10	28°50	17°11	14°46	23°12	22°23	24°R 8	22°23	11°26	n.a.	M23
T 24	3 2 2	15°54'09	4♈59	9° 0	5°40	19°42	28°57	17° 7	14°43	23°12	22°22	24° 7	22°20	11°33	n.a.	T 24
W25	3 5 58	16°55'25	16°51	10°35	6°55	20°13	29° 4	17° 3	14°41	23°13	22°21	24° 4	22°16	11°39	n.a.	W25
T 26	3 9 55	17°56'41	28°41	12°11	8°10	20°45	29°10	16°59	14°39	23°13	22°19	23°59	22°13	11°46	n.a.	T 26
F 27	3 13 51	18°57'56	10♉31	13°47	9°25	21°17	29°17	16°55	14°37	23°14	22°18	23°51	22°10	11°53	n.a.	F 27
S 28	3 17 48	19°59'11	22°23	15°23	10°39	21°49	29°23	16°52	14°35	23°15	22°17	23°41	22° 7	12° 0	n.a.	S 28
S 29	3 21 45	21° 0'25	4♊17	17° 0	11°54	22°22	29°29	16°48	14°33	23°15	22°16	23°29	22° 4	12° 6	n.a.	S 29
M30	3 25 41	22♏ 1'38	16♊16	18♏37	13♐ 9	22♒54	29♌36	16♈44	14♈32	23♌15	22♊15	23♍17	22♍ 1	12♉13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s53	15n 5	4s33	0s13	1n39	14s28	0s24	20s 7	1s38	14n29	1n22	5n13	2s31	5n47	0s31	15n46	1n41	31n10	7n27	2n 3	2n37	11n18		n.a.
M 2	9 16	17 4	4 59	0 53	1 33	14 55	0 26	19 57	1 36	14 26	1 22	5 11	2 31	5 46	0 31	15 45	1 41	31 10	7 28	2 5	2 38	11 20		n.a.
T 3	9 39	18 18	5 11	1 34	1 26	15 22	0 29	19 47	1 34	14 23	1 23	5 10	2 31	5 45	0 31	15 45	1 41	31 10	7 28	2 7	2 39	11 21		n.a.
W 4	10 2	18 44	5 11	2 15	1 20	15 48	0 31	19 38	1 31	14 20	1 23	5 8	2 31	5 44	0 31	15 45	1 41	31 10	7 28	2 9	2 41	11 23		n.a.
T 5	10 25	18 18	4 56	2 56	1 13	16 14	0 33	19 28	1 29	14 17	1 23	5 6	2 31	5 43	0 31	15 44	1 41	31 10	7 28	2 10	2 42	11 25		n.a.
F 6	10 48	16 58	4 27	3 37	1 6	16 40	0 36	19 18	1 27	14 14	1 23	5 4	2 31	5 43	0 31	15 44	1 41	31 11	7 29	2 10	2 43	11 26		n.a.
S 7	11 10	14 44	3 43	4 19	0 59	17 5	0 38	19 8	1 24	14 11	1 23	5 2	2 31	5 42	0 31	15 44	1 41	31 11	7 29	2 10	2 44	11 28		n.a.
S 8	11 32	11 40	2 47	5 0	0 52	17 30	0 40	18 57	1 22	14 8	1 24	5 1	2 31	5 41	0 31	15 43	1 41	31 11	7 29	2 10	2 46	11 29		n.a.
M 9	11 54	7 52	1 39	5 42	0 45	17 54	0 43	18 47	1 20	14 5	1 24	4 59	2 31	5 40	0 31	15 43	1 41	31 11	7 29	2 9	2 47	11 31		n.a.
T 10	12 16	3 30	0 23	6 23	0 38	18 18	0 45	18 37	1 18	14 2	1 24	4 57	2 30	5 39	0 31	15 43	1 41	31 11	7 30	2 8	2 48	11 32		n.a.
W11	12 37	1s13	0n56	7 5	0 31	18 41	0 47	18 26	1 16	13 59	1 24	4 55	2 30	5 38	0 31	15 42	1 41	31 12	7 30	2 9	2 50	11 34		n.a.
T 12	12 59	5 58	2 14	7 46	0 25	19 4	0 49	18 16	1 14	13 56	1 25	4 54	2 30	5 37	0 31	15 42	1 41	31 12	7 30	2 9	2 51	11 35		n.a.
F 13	13 20	10 24	3 23	8 27	0 18	19 26	0 51	18 5	1 12	13 54	1 25	4 52	2 30	5 36	0 31	15 42	1 41	31 12	7 30	2 11	2 52	11 37		n.a.
S 14	13 41	14 9	4 18	9 8	0 11	19 48	0 54	17 54	1 9	13 51	1 25	4 50	2 30	5 35	0 31	15 42	1 41	31 12	7 31	2 14	2 53	11 38		n.a.
S 15	14 2	16 54	4 54	9 49	0 4	20 9	0 56	17 43	1 8	13 48	1 25	4 49	2 30	5 34	0 31	15 41	1 41	31 12	7 31	2 16	2 55	11 40		n.a.
M16	14 22	18 27	5 9	10 29	0s 3	20 30	0 58	17 32	1 6	13 46	1 26	4 47	2 30	5 33	0 31	15 41	1 42	31 13	7 31	2 19	2 56	11 42		n.a.
T 17	14 42	18 46	5 4	11 9	0 10	20 50	1 0	17 21	1 4	13 43	1 26	4 45	2 29	5 32	0 31	15 41	1 42	31 13	7 31	2 21	2 57	11 43		n.a.
W18	15 2	17 53	4 40	11 49	0 16	21 9	1 2	17 10	1 2	13 41	1 26	4 44	2 29	5 31	0 31	15 41	1 42	31 13	7 32	2 23	2 59	11 45		n.a.
T 19	15 22	16 1	4 2	12 28	0 23	21 28	1 4	16 58	1 0	13 38	1 26	4 42	2 29	5 31	0 31	15 40	1 42	31 13	7 32	2 24	3 0	11 46		n.a.
F 20	15 41	13 22	3 12	13 7	0 29	21 46	1 6	16 47	0 58	13 36	1 27	4 41	2 29	5 30	0 31	15 40	1 42	31 13	7 32	2 24	3 1	11 48		n.a.
S 21	16 0	10 9	2 14	13 46	0 35	22 4	1 8	16 36	0 56	13 33	1 27	4 39	2 29	5 29	0 31	15 40	1 42	31 13	7 32	2 23	3 2	11 49		n.a.
S 22	16 19	6 33	1 11	14 24	0 42	22 21	1 9	16 24	0 54	13 31	1 27	4 38	2 28	5 28	0 31	15 40	1 42	31 14	7 32	2 23	3 4	11 51		n.a.
M23	16 38	2 44	0 6	15 1	0 48	22 37	1 11	16 12	0 53	13 29	1 27	4 36	2 28	5 27	0 31	15 40	1 42	31 14	7 33	2 23	3 5	11 52		n.a.
T 24	16 56	1n 8	0s58	15 38	0 53	22 53	1 13	16 1	0 51	13 26	1 28	4 35	2 28	5 26	0 31	15 39	1 42	31 14	7 33	2 23	3 6	11 54		n.a.
W25	17 14	4 55	1 59	16 14	0 59	23 8	1 15	15 49	0 49	13 24	1 28	4 34	2 28	5 26	0 31	15 39	1 42	31 14	7 33	2 24	3 7	11 55		n.a.
T 26	17 31	8 31	2 55	16 49	1 5	23 22	1 16	15 37	0 47	13 22	1 28	4 32	2 28	5 25	0 31	15 39	1 42	31 14	7 33	2 26	3 9	11 57		n.a.
F 27	17 49	11 46	3 42	17 24	1 10	23 36	1 18	15 25	0 46	13 20	1 29	4 31	2 27	5 24	0 31	15 39	1 42	31 14	7 33	2 29	3 10	11 58		n.a.
S 28	18 6	14 32	4 20	17 58	1 15	23 48	1 20	15 12	0 44	13 18	1 29	4 30	2 27	5 23	0 31	15 39	1 42	31 14	7 34	2 34	3 11	12 0		n.a.
S 29	18 22	16 43	4 47	18 32	1 20	24 1	1 21	15 0	0 42	13 16	1 29	4 29	2 27	5 23	0 31	15 39	1 42	31 14	7 34	2 38	3 13	12 1		n.a.
M30	18s38	18n12	5s 2	19s 4	1s25	24s12	1s23	14s48	0s41	13n14	1n29	4n27	2s27	5n22	0s31	15n39	1n42	31n15	7n34	2n43	3n14	12n 3		n.a.

Julian Day Number = 989035.5, Delta T = 13h04m43s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°43'03, Lahiri = -31°36'03 Julian Calendar 1 Nov. 2006 BCE == Greg. Calendar 15 Oct. 2006 BCE

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ASTRODIENST EPHEMERIS for the year 2006 BCE
geocentric

DECEMBER 2006 BCE (-2005) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 29 38	23♏ 2'51	28♊21	20♏15	14♐24	23♒27	29♌41	16°R41	14°R30	23♌16	22°R14	23°R 6	21♍57	12♉20	n.a.	T 1
W 2	3 33 34	24° 4'04	10♋33	21°53	15°38	23°59	29°47	16♈37	14♈28	23°16	22♊12	22♍56	21°54	12°26	n.a.	W 2
T 3	3 37 31	25° 5'15	22°56	23°32	16°53	24°32	29°53	16°34	14°26	23°16	22°11	22°49	21°51	12°33	n.a.	T 3
F 4	3 41 27	26° 6'27	5♌31	25°11	18° 8	25° 5	29°58	16°31	14°24	23°17	22°10	22°44	21°48	12°40	n.a.	F 4
S 5	3 45 24	27° 7'37	18°22	26°51	19°22	25°38	0♍ 4	16°28	14°23	23°17	22° 9	22°42	21°45	12°46	n.a.	S 5
S 6	3 49 20	28° 8'47	1♍33	28°32	20°37	26°11	0° 9	16°25	14°21	23°17	22° 7	22°D42	21°42	12°53	n.a.	S 6
M 7	3 53 17	29° 9'56	15° 6	0♐13	21°52	26°45	0°14	16°22	14°19	23°17	22° 6	22°42	21°38	13° 0	n.a.	M 7
T 8	3 57 14	0♐11'05	29° 4	1°54	23° 6	27°18	0°18	16°19	14°18	23°18	22° 5	22°R42	21°35	13° 6	n.a.	T 8
W 9	4 1 10	1°12'13	13♎29	3°36	24°21	27°51	0°23	16°16	14°16	23°18	22° 3	22°41	21°32	13°13	n.a.	W 9
T 10	4 5 7	2°13'20	28°16	5°19	25°35	28°25	0°28	16°13	14°15	23°18	22° 2	22°36	21°29	13°20	n.a.	T 10
F 11	4 9 3	3°14'26	13♏22	7° 2	26°50	28°59	0°32	16°10	14°13	23°18	22° 1	22°29	21°26	13°27	n.a.	F 11
S 12	4 13 0	4°15'32	28°37	8°46	28° 4	29°32	0°36	16° 8	14°12	23°R18	21°59	22°20	21°22	13°33	n.a.	S 12
S 13	4 16 56	5°16'36	13♐51	10°30	29°19	0♓ 6	0°40	16° 6	14°11	23°18	21°58	22° 9	21°19	13°40	n.a.	S 13
M14	4 20 53	6°17'39	28°52	12°15	0♑33	0°40	0°44	16° 3	14° 9	23°18	21°57	21°58	21°16	13°47	n.a.	M14
T 15	4 24 50	7°18'41	13♑31	14° 0	1°48	1°14	0°47	16° 1	14° 8	23°18	21°55	21°48	21°13	13°53	n.a.	T 15
W16	4 28 46	8°19'41	27°42	15°45	3° 2	1°48	0°51	15°59	14° 7	23°18	21°54	21°40	21°10	14° 0	n.a.	W16
T 17	4 32 43	9°20'40	11♒23	17°31	4°17	2°23	0°54	15°57	14° 6	23°17	21°53	21°34	21° 7	14° 7	n.a.	T 17
F 18	4 36 39	10°21'37	24°34	19°17	5°31	2°57	0°57	15°55	14° 5	23°17	21°51	21°31	21° 3	14°13	n.a.	F 18
S 19	4 40 36	11°22'32	7♓19	21° 3	6°45	3°31	1° 0	15°53	14° 4	23°17	21°50	21°D30	21° 0	14°20	n.a.	S 19
S 20	4 44 32	12°23'26	19°42	22°49	8° 0	4° 6	1° 3	15°52	14° 2	23°17	21°48	21°R30	20°57	14°27	n.a.	S 20
M21	4 48 29	13°24'18	1♈49	24°35	9°14	4°40	1° 5	15°50	14° 2	23°17	21°47	21°30	20°54	14°34	n.a.	M21
T 22	4 52 25	14°25'09	13°45	26°20	10°28	5°15	1° 7	15°49	14° 1	23°16	21°46	21°28	20°51	14°40	n.a.	T 22
W23	4 56 22	15°25'57	25°35	28° 5	11°42	5°50	1°10	15°48	14° 0	23°16	21°44	21°24	20°47	14°47	n.a.	W23
T 24	5 0 19	16°26'44	7♉23	29°48	12°56	6°24	1°12	15°46	13°59	23°15	21°43	21°17	20°44	14°54	n.a.	T 24
F 25	5 4 15	17°27'30	19°13	1♑31	14°10	6°59	1°13	15°45	13°58	23°15	21°41	21° 7	20°41	15° 0	n.a.	F 25
S 26	5 8 12	18°28'13	1♊ 8	3°12	15°24	7°34	1°15	15°44	13°57	23°15	21°40	20°55	20°38	15° 7	n.a.	S 26
S 27	5 12 8	19°28'55	13° 9	4°51	16°38	8° 9	1°16	15°43	13°57	23°14	21°38	20°40	20°35	15°14	n.a.	S 27
M28	5 16 5	20°29'36	25°17	6°27	17°52	8°44	1°18	15°43	13°56	23°14	21°37	20°26	20°32	15°20	n.a.	M28
T 29	5 20 1	21°30'14	7♋34	8° 0	19° 6	9°19	1°19	15°42	13°56	23°13	21°36	20°11	20°28	15°27	n.a.	T 29
W30	5 23 58	22°30'52	20° 0	9°30	20°20	9°54	1°19	15°41	13°55	23°13	21°34	19°59	20°25	15°34	n.a.	W30
T 31	5 27 55	23♐31'27	2♌35	10♑55	21♑34	10♓29	1♍20	15♈41	13♈55	23♌12	21♊33	19♍49	20♍22	15♉41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s54	18n52	5s 3	19s36	1s29	24s23	1s24	14s35	0s39	13n12	1n30	4n26	2s26	5n21	0s31	15n39	1n43	31n15	7n34	2n48	3n15	12n 4		n.a.
W 2	19 10	18 41	4 50	20 7	1 34	24 33	1 25	14 23	0 38	13 10	1 30	4 25	2 26	5 21	0 31	15 39	1 43	31 15	7 34	2 51	3 16	12 6		n.a.
T 3	19 25	17 36	4 23	20 36	1 38	24 42	1 27	14 10	0 36	13 9	1 30	4 24	2 26	5 20	0 31	15 39	1 43	31 15	7 35	2 54	3 18	12 7		n.a.
F 4	19 40	15 39	3 44	21 5	1 41	24 50	1 28	13 58	0 35	13 7	1 31	4 23	2 26	5 19	0 31	15 39	1 43	31 15	7 35	2 56	3 19	12 9		n.a.
S 5	19 55	12 54	2 52	21 33	1 45	24 58	1 29	13 45	0 33	13 5	1 31	4 22	2 25	5 19	0 31	15 39	1 43	31 15	7 35	2 57	3 20	12 10		n.a.
S 6	20 9	9 26	1 50	21 59	1 48	25 5	1 30	13 32	0 32	13 4	1 31	4 21	2 25	5 18	0 31	15 39	1 43	31 15	7 35	2 57	3 22	12 12		n.a.
M 7	20 23	5 22	0 40	22 25	1 51	25 11	1 31	13 19	0 30	13 2	1 31	4 20	2 25	5 17	0 31	15 39	1 43	31 15	7 35	2 57	3 23	12 13		n.a.
T 8	20 36	0 53	0n34	22 49	1 53	25 16	1 32	13 6	0 29	13 1	1 32	4 19	2 25	5 17	0 31	15 39	1 43	31 15	7 35	2 57	3 24	12 15		n.a.
W 9	20 49	3s46	1 48	23 11	1 56	25 21	1 33	12 53	0 27	12 59	1 32	4 18	2 24	5 16	0 31	15 39	1 43	31 15	7 36	2 58	3 25	12 16		n.a.
T 10	21 1	8 19	2 57	23 32	1 57	25 25	1 34	12 40	0 26	12 58	1 32	4 18	2 24	5 16	0 31	15 39	1 43	31 15	7 36	2 59	3 27	12 18		n.a.
F 11	21 14	12 26	3 55	23 52	1 59	25 28	1 35	12 27	0 25	12 57	1 33	4 17	2 24	5 15	0 31	15 39	1 43	31 16	7 36	3 2	3 28	12 19		n.a.
S 12	21 25	15 46	4 37	24 10	2 0	25 30	1 35	12 13	0 23	12 56	1 33	4 16	2 24	5 15	0 30	15 39	1 43	31 16	7 36	3 6	3 29	12 21		n.a.
S 13	21 37	17 59	4 59	24 27	2 0	25 31	1 36	12 0	0 22	12 54	1 33	4 15	2 23	5 14	0 30	15 39	1 43	31 16	7 36	3 10	3 30	12 22		n.a.
M14	21 48	18 56	4 59	24 42	2 0	25 32	1 37	11 47	0 21	12 53	1 34	4 15	2 23	5 14	0 30	15 39	1 43	31 16	7 36	3 15	3 32	12 24		n.a.
T 15	21 58	18 34	4 41	24 55	2 0	25 32	1 37	11 33	0 19	12 52	1 34	4 14	2 23	5 13	0 30	15 39	1 43	31 16	7 37	3 19	3 33	12 25		n.a.
W16	22 8	17 3	4 5	25 6	1 59	25 31	1 38	11 19	0 18	12 51	1 34	4 14	2 22	5 13	0 30	15 39	1 44	31 16	7 37	3 22	3 34	12 27		n.a.
T 17	22 18	14 35	3 16	25 16	1 57	25 29	1 38	11 6	0 17	12 50	1 34	4 13	2 22	5 12	0 30	15 39	1 44	31 16	7 37	3 25	3 36	12 28		n.a.
F 18	22 27	11 26	2 18	25 23	1 55	25 27	1 38	10 52	0 15	12 50	1 35	4 13	2 22	5 12	0 30	15 39	1 44	31 16	7 37	3 26	3 37	12 30		n.a.
S 19	22 36	7 51	1 15	25 29	1 52	25 23	1 39	10 38	0 14	12 49	1 35	4 12	2 22	5 11	0 30	15 39	1 44	31 16	7 37	3 26	3 38	12 31		n.a.
S 20	22 44	4 1	0 10	25 32	1 49	25 19	1 39	10 24	0 13	12 48	1 35	4 12	2 21	5 11	0 30	15 40	1 44	31 16	7 37	3 26	3 39	12 33		n.a.
M21	22 52	0 6	0s54	25 33	1 45	25 14	1 39	10 10	0 12	12 48	1 36	4 12	2 21	5 11	0 30	15 40	1 44	31 16	7 37	3 26	3 41	12 34		n.a.
T 22	22 59	3n46	1 55	25 32	1 40	25 9	1 39	9 56	0 11	12 47	1 36	4 11	2 21	5 10	0 30	15 40	1 44	31 16	7 37	3 27	3 42	12 36		n.a.
W23	23 6	7 27	2 50	25 29	1 34	25 2	1 39	9 42	0 9	12 47	1 36	4 11	2 20	5 10	0 30	15 40	1 44	31 16	7 37	3 28	3 43	12 37		n.a.
T 24	23 13	10 50	3 37	25 23	1 28	24 55	1 39	9 28	0 8	12 46	1 37	4 11	2 20	5 10	0 30	15 40	1 44	31 16	7 38	3 31	3 45	12 39		n.a.
F 25	23 19	13 48	4 15	25 15	1 21	24 47	1 39	9 14	0 7	12 46	1 37	4 11	2 20	5 9	0 30	15 40	1 44	31 16	7 38	3 35	3 46	12 40		n.a.
S 26	23 25	16 12	4 42	25 6	1 13	24 38	1 38	9 0	0 6	12 46	1 37	4 11	2 19	5 9	0 30	15 41	1 44	31 16	7 38	3 40	3 47	12 42		n.a.
S 27	23 30	17 56	4 57	24 54	1 4	24 29	1 38	8 45	0 5	12 45	1 38	4 11	2 19	5 9	0 30	15 41	1 44	31 16	7 38	3 46	3 48	12 43		n.a.
M28	23 34	18 52	4 58	24 40	0 54	24 19	1 38	8 31	0 4	12 45	1 38	4 11	2 19	5 9	0 30	15 41	1 44	31 16	7 38	3 52	3 50	12 45		n.a.
T 29	23 39	18 56	4 46	24 24	0 43	24 8	1 37	8 16	0 3	12 45	1 38	4 11	2 19	5 9	0 30	15 41	1 44	31 16	7 38	3 58	3 51	12 46		n.a.
W30	23 42	18 7	4 20	24 6	0 32	23 56	1 36	8 2	0 2	12 45	1 39	4 11	2 18	5 8	0 30	15 42	1 44	31 16	7 38	4 3	3 52	12 47		n.a.
T 31	23s46	16n24	3s41	23s47	0s20	23s44	1s36	7s47	0s 1	12n45	1n39	4n11	2s18	5n 8	0s30	15n42	1n44	31n16	7n38	4n 7	3n53	12n49		n.a.

Julian Day Number = 989065.5, Delta T = 13h04m41s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'59, Lahiri = -31°35'59 Julian Calendar 1 Dec. 2006 BCE == Greg. Calendar 14 Nov. 2006 BCE

The year -2005 astronomical counting style corresponds to year 2006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

JANUARY 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 31 51	24♐32'01	15♌21	12♑16	22♑48	11♓ 5	1♍21	15°R41	13°R54	23°R11	21°R31	19°R43	20♍19	15♉47	n.a.	F 1
S 2	5 35 48	25°32'33	28°20	13°31	24° 2	11°40	1°21	15♈41	13♈54	23♌11	21♊30	19♍39	20°16	15°54	n.a.	S 2
S 3	5 39 44	26°33'04	11♍32	14°39	25°15	12°15	1°R21	15°D41	13°53	23°10	21°28	19°38	20°13	16° 1	n.a.	S 3
M 4	5 43 41	27°33'34	25° 2	15°41	26°29	12°51	1°21	15°41	13°53	23° 9	21°27	19°38	20° 9	16° 7	n.a.	M 4
T 5	5 47 37	28°34'02	8♎51	16°35	27°43	13°26	1°20	15°41	13°53	23° 8	21°26	19°38	20° 6	16°14	n.a.	T 5
W 6	5 51 34	29°34'28	22°59	17°21	28°56	14° 2	1°20	15°41	13°53	23° 8	21°24	19°36	20° 3	16°21	n.a.	W 6
T 7	5 55 30	0♑34'53	7♏27	17°58	0♒10	14°37	1°19	15°41	13°53	23° 7	21°23	19°32	20° 0	16°27	n.a.	T 7
F 8	5 59 27	1°35'16	22°11	18°26	1°23	15°13	1°18	15°42	13°D53	23° 6	21°21	19°25	19°57	16°34	n.a.	F 8
S 9	6 3 24	2°35'37	7♐ 6	18°44	2°37	15°48	1°17	15°43	13°53	23° 5	21°20	19°16	19°53	16°41	n.a.	S 9
S 10	6 7 20	3°35'57	22° 2	18°R52	3°50	16°24	1°16	15°43	13°53	23° 4	21°18	19° 5	19°50	16°48	n.a.	S 10
M11	6 11 17	4°36'15	6♑52	18°50	5° 3	17° 0	1°15	15°44	13°53	23° 3	21°17	18°53	19°47	16°54	n.a.	M11
T 12	6 15 13	5°36'31	21°25	18°38	6°17	17°36	1°13	15°45	13°53	23° 2	21°16	18°43	19°44	17° 1	n.a.	T 12
W13	6 19 10	6°36'45	5♒36	18°17	7°30	18°11	1°11	15°46	13°53	23° 1	21°14	18°34	19°41	17° 8	n.a.	W13
T 14	6 23 6	7°36'57	19°20	17°47	8°43	18°47	1° 9	15°47	13°54	23° 0	21°13	18°28	19°38	17°14	n.a.	T 14
F 15	6 27 3	8°37'06	2♓36	17° 9	9°56	19°23	1° 7	15°49	13°54	22°59	21°12	18°25	19°34	17°21	n.a.	F 15
S 16	6 30 59	9°37'13	15°26	16°24	11° 9	19°59	1° 5	15°50	13°54	22°58	21°10	18°D24	19°31	17°28	n.a.	S 16
S 17	6 34 56	10°37'18	27°54	15°32	12°22	20°35	1° 2	15°52	13°55	22°57	21° 9	18°24	19°28	17°34	n.a.	S 17
M18	6 38 52	11°37'20	10♈ 4	14°36	13°35	21°11	0°59	15°53	13°55	22°56	21° 8	18°R24	19°25	17°41	n.a.	M18
T 19	6 42 49	12°37'20	22° 3	13°37	14°48	21°47	0°56	15°55	13°56	22°55	21° 6	18°24	19°22	17°48	n.a.	T 19
W20	6 46 46	13°37'18	3♉54	12°36	16° 1	22°23	0°53	15°57	13°56	22°54	21° 5	18°22	19°19	17°55	n.a.	W20
T 21	6 50 42	14°37'13	15°43	11°34	17°14	22°59	0°50	15°59	13°57	22°53	21° 4	18°17	19°15	18° 1	n.a.	T 21
F 22	6 54 39	15°37'06	27°36	10°34	18°26	23°35	0°47	16° 1	13°58	22°51	21° 2	18°10	19°12	18° 8	n.a.	F 22
S 23	6 58 35	16°36'57	9♊34	9°36	19°39	24°11	0°43	16° 3	13°59	22°50	21° 1	18° 1	19° 9	18°15	n.a.	S 23
S 24	7 2 32	17°36'45	21°42	8°41	20°51	24°48	0°39	16° 6	13°59	22°49	21° 0	17°50	19° 6	18°21	n.a.	S 24
M25	7 6 28	18°36'31	4♋ 1	7°50	22° 4	25°24	0°35	16° 8	14° 0	22°48	20°59	17°38	19° 3	18°28	n.a.	M25
T 26	7 10 25	19°36'15	16°31	7° 5	23°16	26° 0	0°31	16°11	14° 1	22°46	20°57	17°28	18°59	18°35	n.a.	T 26
W27	7 14 21	20°35'57	29°14	6°26	24°28	26°36	0°27	16°13	14° 2	22°45	20°56	17°18	18°56	18°41	n.a.	W27
T 28	7 18 18	21°35'37	12♌ 8	5°52	25°41	27°13	0°22	16°16	14° 3	22°44	20°55	17°11	18°53	18°48	n.a.	T 28
F 29	7 22 15	22°35'14	25°14	5°25	26°53	27°49	0°18	16°19	14° 4	22°42	20°54	17° 6	18°50	18°55	n.a.	F 29
S 30	7 26 11	23°34'49	8♍31	5° 4	28° 5	28°25	0°13	16°22	14° 5	22°41	20°53	17° 4	18°47	19° 2	n.a.	S 30
S 31	7 30 8	24♑34'23	21♍59	4♑50	29♒17	29♓ 2	0♍ 8	16♈25	14♈ 6	22♌40	20♊51	17°D 4	18♍44	19♉ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	13n51	2s50	23s27	0s 7	23s31	1s35	7s33	0n 0	12n45	1n39	4n11	2s18	5n 8	0s30	15n42	1n45	31n16	7n38	4n 9	3n55	12n50		n.a.
S 2	23 51	10 35	1 50	23 6	0n 7	23 17	1 34	7 18	0 1	12 45	1 40	4 11	2 17	5 8	0 30	15 42	1 45	31 16	7 38	4 11	3 56	12 52		n.a.
S 3	23 53	6 43	0 43	22 44	0 22	23 3	1 33	7 4	0 3	12 46	1 40	4 11	2 17	5 8	0 30	15 43	1 45	31 16	7 38	4 11	3 57	12 53		n.a.
M 4	23 54	2 27	0n29	22 22	0 37	22 48	1 32	6 49	0 4	12 46	1 40	4 12	2 17	5 8	0 30	15 43	1 45	31 16	7 38	4 11	3 59	12 55		n.a.
T 5	23 55	2s 3	1 40	21 59	0 53	22 32	1 31	6 34	0 4	12 46	1 41	4 12	2 16	5 8	0 30	15 43	1 45	31 16	7 38	4 11	4 0	12 56		n.a.
W 6	23 55	6 32	2 47	21 37	1 10	22 15	1 30	6 19	0 5	12 47	1 41	4 12	2 16	5 8	0 30	15 44	1 45	31 16	7 39	4 12	4 1	12 58		n.a.
T 7	23 55	10 45	3 44	21 16	1 26	21 58	1 29	6 5	0 6	12 47	1 41	4 13	2 16	5 8	0 30	15 44	1 45	31 16	7 39	4 13	4 2	12 59		n.a.
F 8	23 55	14 22	4 28	20 55	1 43	21 41	1 28	5 50	0 7	12 48	1 41	4 13	2 15	5 8	0 30	15 44	1 45	31 16	7 39	4 16	4 4	13 1		n.a.
S 9	23 54	17 6	4 54	20 36	2 0	21 22	1 26	5 35	0 8	12 49	1 42	4 14	2 15	5 8	0 30	15 45	1 45	31 15	7 39	4 20	4 5	13 2		n.a.
S 10	23 52	18 40	5 1	20 19	2 16	21 4	1 25	5 20	0 9	12 50	1 42	4 15	2 15	5 8	0 30	15 45	1 45	31 15	7 39	4 24	4 6	13 3		n.a.
M11	23 50	18 58	4 47	20 3	2 32	20 44	1 24	5 5	0 10	12 50	1 42	4 15	2 14	5 8	0 29	15 45	1 45	31 15	7 39	4 29	4 7	13 5		n.a.
T 12	23 48	18 0	4 14	19 50	2 47	20 24	1 22	4 50	0 11	12 51	1 43	4 16	2 14	5 8	0 29	15 46	1 45	31 15	7 39	4 33	4 9	13 6		n.a.
W13	23 45	15 55	3 26	19 39	3 2	20 4	1 20	4 35	0 12	12 52	1 43	4 17	2 14	5 8	0 29	15 46	1 45	31 15	7 39	4 37	4 10	13 8		n.a.
T 14	23 42	12 59	2 28	19 30	3 15	19 42	1 19	4 20	0 13	12 53	1 43	4 17	2 14	5 8	0 29	15 47	1 45	31 15	7 39	4 39	4 11	13 9		n.a.
F 15	23 38	9 28	1 23	19 23	3 27	19 21	1 17	4 4	0 14	12 54	1 44	4 18	2 13	5 8	0 29	15 47	1 45	31 15	7 39	4 40	4 12	13 11		n.a.
S 16	23 34	5 37	0 16	19 19	3 37	18 59	1 15	3 49	0 15	12 55	1 44	4 19	2 13	5 9	0 29	15 47	1 45	31 15	7 39	4 41	4 14	13 12		n.a.
S 17	23 29	1 37	0s50	19 17	3 45	18 36	1 13	3 34	0 15	12 57	1 44	4 20	2 13	5 9	0 29	15 48	1 45	31 15	7 39	4 41	4 15	13 13		n.a.
M18	23 24	2n21	1 53	19 17	3 51	18 13	1 11	3 19	0 16	12 58	1 44	4 21	2 12	5 9	0 29	15 48	1 45	31 15	7 39	4 40	4 16	13 15		n.a.
T 19	23 19	6 9	2 49	19 19	3 55	17 49	1 9	3 4	0 17	12 59	1 45	4 22	2 12	5 9	0 29	15 49	1 46	31 15	7 39	4 41	4 18	13 16		n.a.
W20	23 13	9 40	3 38	19 23	3 57	17 25	1 7	2 48	0 18	13 1	1 45	4 23	2 12	5 10	0 29	15 49	1 46	31 15	7 39	4 42	4 19	13 18		n.a.
T 21	23 6	12 47	4 17	19 29	3 57	17 1	1 5	2 33	0 19	13 2	1 45	4 24	2 11	5 10	0 29	15 49	1 46	31 14	7 39	4 43	4 20	13 19		n.a.
F 22	22 59	15 24	4 45	19 36	3 54	16 36	1 2	2 18	0 19	13 4	1 46	4 25	2 11	5 10	0 29	15 50	1 46	31 14	7 39	4 46	4 21	13 21		n.a.
S 23	22 52	17 23	5 0	19 45	3 50	16 10	1 0	2 3	0 20	13 5	1 46	4 26	2 11	5 10	0 29	15 50	1 46	31 14	7 39	4 50	4 23	13 22		n.a.
S 24	22 44	18 37	5 3	19 54	3 44	15 44	0 58	1 47	0 21	13 7	1 46	4 27	2 10	5 11	0 29	15 51	1 46	31 14	7 39	4 54	4 24	13 23		n.a.
M25	22 36	19 0	4 52	20 5	3 36	15 18	0 55	1 32	0 22	13 8	1 46	4 28	2 10	5 11	0 29	15 51	1 46	31 14	7 39	4 59	4 25	13 25		n.a.
T 26	22 27	18 29	4 26	20 17	3 27	14 52	0 53	1 17	0 22	13 10	1 47	4 30	2 10	5 12	0 29	15 52	1 46	31 14	7 39	5 3	4 26	13 26		n.a.
W27	22 18	17 1	3 47	20 29	3 17	14 25	0 50	1 1	0 23	13 12	1 47	4 31	2 10	5 12	0 29	15 52	1 46	31 14	7 39	5 7	4 28	13 28		n.a.
T 28	22 9	14 41	2 56	20 41	3 6	13 58	0 47	0 46	0 24	13 14	1 47	4 32	2 9	5 12	0 29	15 53	1 46	31 14	7 39	5 10	4 29	13 29		n.a.
F 29	21 59	11 35	1 54	20 55	2 54	13 30	0 45	0 31	0 25	13 16	1 47	4 34	2 9	5 13	0 29	15 53	1 46	31 14	7 39	5 12	4 30	13 30		n.a.
S 30	21 49	7 50	0 46	21 8	2 42	13 2	0 42	0 15	0 25	13 18	1 48	4 35	2 9	5 13	0 29	15 54	1 46	31 13	7 39	5 12	4 32	13 32		n.a.
S 31	21s38	3n39	0n26	21s22	2n29	12s34	0s39	0n 0	0n26	13n20	1n48	4n37	2s 8	5n14	0s29	15n54	1n46	31n13	7n39	5n13	4n33	13n33		n.a.

Julian Day Number = 989096.5, Delta T = 13h04m39s
Ecliptic obliquity = 23°55'19, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'55, Lahiri = -31°35'55 Julian Calendar 1 Jan. 2005 BCE == Greg. Calendar 15 Dec. 2006 BCE

The year -2004 astronomical counting style corresponds to year 2005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

FEBRUARY 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 34 4	25♉33'54	5♎38	4°R42	0♓29	29♓38	0°R 3	16♈28	14♈ 8	22°R38	20°R50	17♍ 5	18♍40	19♉15	n.a.	M 1
T 2	7 38 1	26°33'24	19°29	4°D40	1°41	0♈14	29♘58	16°31	14° 9	22♘37	20♊49	17° 5	18°37	19°22	n.a.	T 2
W 3	7 41 57	27°32'51	3♏33	4♉44	2°52	0°51	29°52	16°34	14°10	22°35	20°48	17°R 6	18°34	19°28	n.a.	W 3
T 4	7 45 54	28°32'17	17°47	4°53	4° 4	1°27	29°47	16°38	14°12	22°34	20°47	17° 4	18°31	19°35	n.a.	T 4
F 5	7 49 50	29°31'41	2♐10	5° 8	5°16	2° 4	29°41	16°41	14°13	22°32	20°46	17° 0	18°28	19°42	n.a.	F 5
S 6	7 53 47	0♒31'03	16°39	5°29	6°27	2°40	29°36	16°45	14°14	22°31	20°45	16°55	18°25	19°49	n.a.	S 6
S 7	7 57 43	1°30'23	1♉ 8	5°54	7°39	3°17	29°30	16°49	14°16	22°29	20°44	16°48	18°21	19°55	n.a.	S 7
M 8	8 1 40	2°29'41	15°32	6°23	8°50	3°53	29°24	16°53	14°18	22°28	20°43	16°40	18°18	20° 2	n.a.	M 8
T 9	8 5 37	3°28'57	29°44	6°58	10° 1	4°30	29°17	16°56	14°19	22°26	20°42	16°34	18°15	20° 9	n.a.	T 9
W10	8 9 33	4°28'10	13♒38	7°36	11°12	5° 6	29°11	17° 0	14°21	22°25	20°41	16°28	18°12	20°15	n.a.	W10
T 11	8 13 30	5°27'21	27°12	8°18	12°23	5°43	29° 5	17° 5	14°22	22°23	20°40	16°25	18° 9	20°22	n.a.	T 11
F 12	8 17 26	6°26'30	10♓24	9° 3	13°34	6°19	28°58	17° 9	14°24	22°22	20°39	16°D23	18° 5	20°29	n.a.	F 12
S 13	8 21 23	7°25'37	23°13	9°52	14°45	6°56	28°52	17°13	14°26	22°20	20°38	16°23	18° 2	20°36	n.a.	S 13
S 14	8 25 19	8°24'41	5♈43	10°45	15°56	7°33	28°45	17°17	14°28	22°19	20°37	16°24	17°59	20°42	n.a.	S 14
M15	8 29 16	9°23'42	17°56	11°40	17° 6	8° 9	28°38	17°22	14°30	22°17	20°36	16°26	17°56	20°49	n.a.	M15
T 16	8 33 12	10°22'41	29°57	12°38	18°17	8°46	28°31	17°26	14°32	22°15	20°35	16°27	17°53	20°56	n.a.	T 16
W17	8 37 9	11°21'38	11♉51	13°39	19°27	9°23	28°24	17°31	14°34	22°14	20°35	16°R28	17°50	21° 2	n.a.	W17
T 18	8 41 5	12°20'32	23°43	14°43	20°38	9°59	28°17	17°36	14°36	22°12	20°34	16°27	17°46	21° 9	n.a.	T 18
F 19	8 45 2	13°19'24	5♊37	15°49	21°48	10°36	28°10	17°41	14°38	22°11	20°33	16°25	17°43	21°16	n.a.	F 19
S 20	8 48 59	14°18'14	17°38	16°58	22°58	11°13	28° 3	17°45	14°40	22° 9	20°32	16°21	17°40	21°22	n.a.	S 20
S 21	8 52 55	15°17'01	29°50	18° 9	24° 8	11°49	27°56	17°50	14°42	22° 7	20°31	16°17	17°37	21°29	n.a.	S 21
M22	8 56 52	16°15'46	12♋16	19°22	25°18	12°26	27°48	17°55	14°44	22° 6	20°31	16°12	17°34	21°36	n.a.	M22
T 23	9 0 48	17°14'28	24°58	20°37	26°27	13° 3	27°41	18° 1	14°46	22° 4	20°30	16° 7	17°31	21°43	n.a.	T 23
W24	9 4 45	18°13'08	7♌56	21°54	27°37	13°40	27°33	18° 6	14°49	22° 3	20°29	16° 2	17°27	21°49	n.a.	W24
T 25	9 8 41	19°11'46	21°10	23°13	28°46	14°16	27°26	18°11	14°51	22° 1	20°29	15°59	17°24	21°56	n.a.	T 25
F 26	9 12 38	20°10'22	4♍39	24°35	29°56	14°53	27°18	18°16	14°53	21°59	20°28	15°58	17°21	22° 3	n.a.	F 26
S 27	9 16 34	21° 8'56	18°21	25°58	1♈ 5	15°30	27°11	18°22	14°56	21°58	20°28	15°D57	17°18	22° 9	n.a.	S 27
S 28	9 20 31	22° 7'27	2♎14	27°22	2°14	16° 7	27° 3	18°27	14°58	21°56	20°27	15°58	17°15	22°16	n.a.	S 28
M29	9 24 27	23♒ 5'57	16♎15	28♉49	3♈23	16♈43	26♘56	18♈33	15♈ 0	21♘54	20♊26	15♍59	17♍11	22♉23	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21 s27	0 s47	1n38	21 s35	2n15	12 s 5	0 s36	0n16	0n27	13n22	1n48	4n38	2 s 8	5n14	0 s29	15n55	1n46	31n13	7n38	5n12	4n34	13n35		n.a.
T 2	21 16	5 14	2 45	21 49	2 2	11 36	0 33	0 31	0 28	13 24	1 48	4 40	2 8	5 15	0 29	15 55	1 46	31 13	7 38	5 12	4 35	13 36		n.a.
W 3	21 4	9 27	3 44	22 2	1 48	11 7	0 30	0 46	0 28	13 26	1 49	4 41	2 7	5 15	0 29	15 56	1 46	31 13	7 38	5 12	4 37	13 37		n.a.
T 4	20 52	13 11	4 29	22 15	1 35	10 38	0 27	1 2	0 29	13 28	1 49	4 43	2 7	5 16	0 29	15 56	1 46	31 13	7 38	5 12	4 38	13 39		n.a.
F 5	20 40	16 9	4 58	22 28	1 21	10 8	0 24	1 17	0 30	13 30	1 49	4 44	2 7	5 17	0 29	15 57	1 46	31 13	7 38	5 14	4 39	13 40		n.a.
S 6	20 27	18 8	5 8	22 40	1 8	9 39	0 21	1 32	0 30	13 33	1 49	4 46	2 7	5 17	0 29	15 57	1 46	31 12	7 38	5 16	4 40	13 42		n.a.
S 7	20 13	18 57	4 58	22 52	0 55	9 9	0 18	1 48	0 31	13 35	1 50	4 48	2 6	5 18	0 29	15 58	1 46	31 12	7 38	5 19	4 42	13 43		n.a.
M 8	20 0	18 32	4 30	23 4	0 42	8 39	0 14	2 3	0 31	13 37	1 50	4 50	2 6	5 18	0 29	15 58	1 46	31 12	7 38	5 22	4 43	13 44		n.a.
T 9	19 46	16 57	3 45	23 14	0 30	8 8	0 11	2 19	0 32	13 40	1 50	4 51	2 6	5 19	0 29	15 59	1 46	31 12	7 38	5 24	4 44	13 46		n.a.
W10	19 32	14 23	2 48	23 24	0 18	7 38	0 8	2 34	0 33	13 42	1 50	4 53	2 5	5 20	0 29	15 59	1 46	31 12	7 38	5 27	4 45	13 47		n.a.
T 11	19 17	11 5	1 42	23 33	0 6	7 7	0 4	2 49	0 33	13 45	1 50	4 55	2 5	5 21	0 28	16 0	1 46	31 12	7 38	5 28	4 47	13 49		n.a.
F 12	19 2	7 19	0 32	23 42	0 s 5	6 36	0 1	3 5	0 34	13 47	1 50	4 57	2 5	5 21	0 28	16 1	1 46	31 12	7 38	5 29	4 48	13 50		n.a.
S 13	18 47	3 19	0 s37	23 49	0 16	6 5	0n 3	3 20	0 35	13 50	1 51	4 59	2 5	5 22	0 28	16 1	1 46	31 11	7 38	5 29	4 49	13 51		n.a.
S 14	18 32	0n44	1 43	23 55	0 27	5 34	0 6	3 35	0 35	13 52	1 51	5 1	2 4	5 23	0 28	16 2	1 46	31 11	7 38	5 28	4 51	13 53		n.a.
M15	18 16	4 40	2 43	24 0	0 37	5 3	0 10	3 51	0 36	13 55	1 51	5 3	2 4	5 23	0 28	16 2	1 47	31 11	7 38	5 28	4 52	13 54		n.a.
T 16	18 0	8 20	3 35	24 5	0 46	4 31	0 13	4 6	0 36	13 57	1 51	5 5	2 4	5 24	0 28	16 3	1 47	31 11	7 37	5 27	4 53	13 56		n.a.
W17	17 43	11 37	4 17	24 8	0 55	4 0	0 17	4 21	0 37	14 0	1 51	5 7	2 4	5 25	0 28	16 3	1 47	31 11	7 37	5 27	4 54	13 57		n.a.
T 18	17 26	14 26	4 48	24 9	1 4	3 28	0 20	4 36	0 37	14 3	1 51	5 9	2 3	5 26	0 28	16 4	1 47	31 11	7 37	5 27	4 56	13 58		n.a.
F 19	17 9	16 39	5 7	24 10	1 13	2 57	0 24	4 51	0 38	14 5	1 52	5 11	2 3	5 27	0 28	16 4	1 47	31 11	7 37	5 28	4 57	14 0		n.a.
S 20	16 52	18 9	5 12	24 9	1 20	2 25	0 28	5 7	0 39	14 8	1 52	5 13	2 3	5 28	0 28	16 5	1 47	31 10	7 37	5 29	4 58	14 1		n.a.
S 21	16 35	18 52	5 3	24 7	1 28	1 54	0 31	5 22	0 39	14 11	1 52	5 15	2 3	5 28	0 28	16 6	1 47	31 10	7 37	5 31	4 59	14 2		n.a.
M22	16 17	18 41	4 41	24 3	1 35	1 22	0 35	5 37	0 40	14 13	1 52	5 17	2 2	5 29	0 28	16 6	1 47	31 10	7 37	5 33	5 1	14 4		n.a.
T 23	15 59	17 34	4 4	23 58	1 41	0 51	0 39	5 52	0 40	14 16	1 52	5 20	2 2	5 30	0 28	16 7	1 47	31 10	7 37	5 35	5 2	14 5		n.a.
W24	15 40	15 32	3 13	23 52	1 47	0 19	0 43	6 7	0 41	14 19	1 52	5 22	2 2	5 31	0 28	16 7	1 47	31 10	7 37	5 37	5 3	14 6		n.a.
T 25	15 22	12 39	2 12	23 43	1 52	0n13	0 47	6 22	0 41	14 21	1 52	5 24	2 2	5 32	0 28	16 8	1 47	31 10	7 37	5 38	5 4	14 8		n.a.
F 26	15 3	9 3	1 2	23 34	1 57	0 44	0 50	6 37	0 42	14 24	1 52	5 26	2 1	5 33	0 28	16 8	1 47	31 9	7 36	5 39	5 6	14 9		n.a.
S 27	14 44	4 54	0n13	23 23	2 2	1 16	0 54	6 52	0 42	14 27	1 52	5 29	2 1	5 34	0 28	16 9	1 47	31 9	7 36	5 39	5 7	14 11		n.a.
S 28	14 25	0 26	1 28	23 10	2 6	1 47	0 58	7 7	0 43	14 30	1 52	5 31	2 1	5 35	0 28	16 9	1 47	31 9	7 36	5 39	5 8	14 12		n.a.
M29	14 s 5	4 s 5	2n39	22 s55	2 s 9	2n19	1n 2	7n22	0n43	14n32	1n52	5n33	2 s 1	5n36	0 s28	16n10	1n47	31n 9	7n36	5n38	5n 9	14n13		n.a.

Julian Day Number = 989127.5, Delta T = 13h04m37s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'51, Lahiri = -31°35'51 Julian Calendar 1 Feb. 2005 BCE == Greg. Calendar 15 Jan. 2005 BCE

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

MARCH 2005 BCE (-2004) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 28 24	24♒ 4'25	0♏23	0♒18	4♈31	17♈20	26°R48	18♈39	15♈ 3	21°R53	20°R26	16♍ 1	17♍ 8	22♉30	n.a.	T 1
W 2	9 32 21	25° 2'51	14°34	1°48	5°40	17°57	26♌40	18°44	15° 5	21♌51	20♊25	16° 2	17° 5	22°36	n.a.	W 2
T 3	9 36 17	26° 1'16	28°46	3°20	6°48	18°34	26°33	18°50	15° 8	21°49	20°25	16°R 2	17° 2	22°43	n.a.	T 3
F 4	9 40 14	26°59'39	12♐59	4°53	7°57	19°11	26°25	18°56	15°11	21°48	20°25	16° 1	16°59	22°50	n.a.	F 4
S 5	9 44 10	27°58'00	27° 8	6°29	9° 5	19°48	26°17	19° 2	15°13	21°46	20°24	16° 0	16°56	22°56	n.a.	S 5
S 6	9 48 7	28°56'20	11♑11	8° 6	10°13	20°24	26° 9	19° 8	15°16	21°45	20°24	15°58	16°52	23° 3	n.a.	S 6
M 7	9 52 3	29°54'37	25° 6	9°45	11°21	21° 1	26° 2	19°14	15°18	21°43	20°23	15°56	16°49	23°10	n.a.	M 7
T 8	9 56 0	0♓52'53	8♒50	11°25	12°29	21°38	25°54	19°20	15°21	21°41	20°23	15°54	16°46	23°17	n.a.	T 8
W 9	9 59 56	1°51'07	22°19	13° 8	13°36	22°15	25°47	19°26	15°24	21°40	20°23	15°52	16°43	23°23	n.a.	W 9
T 10	10 3 53	2°49'20	5♓33	14°51	14°43	22°52	25°39	19°32	15°27	21°38	20°23	15°51	16°40	23°30	n.a.	T 10
F 11	10 7 49	3°47'30	18°30	16°37	15°51	23°29	25°31	19°39	15°30	21°36	20°22	15°D51	16°36	23°37	n.a.	F 11
S 12	10 11 46	4°45'38	1♈11	18°24	16°58	24° 6	25°24	19°45	15°32	21°35	20°22	15°51	16°33	23°43	n.a.	S 12
S 13	10 15 43	5°43'44	13°36	20°13	18° 5	24°43	25°16	19°52	15°35	21°33	20°22	15°52	16°30	23°50	n.a.	S 13
M14	10 19 39	6°41'48	25°47	22° 4	19°11	25°20	25° 9	19°58	15°38	21°32	20°22	15°53	16°27	23°57	n.a.	M14
T 15	10 23 36	7°39'50	7♉49	23°57	20°18	25°57	25° 2	20° 5	15°41	21°30	20°22	15°54	16°24	24° 4	n.a.	T 15
W16	10 27 32	8°37'50	19°43	25°51	21°24	26°34	24°54	20°11	15°44	21°29	20°21	15°55	16°21	24°10	n.a.	W16
T 17	10 31 29	9°35'49	1♊36	27°47	22°30	27°11	24°47	20°18	15°47	21°27	20°21	15°55	16°17	24°17	n.a.	T 17
F 18	10 35 25	10°33'45	13°31	29°44	23°36	27°48	24°40	20°24	15°50	21°25	20°21	15°R55	16°14	24°24	n.a.	F 18
S 19	10 39 22	11°31'39	25°32	1♋44	24°42	28°25	24°33	20°31	15°53	21°24	20°D21	15°55	16°11	24°30	n.a.	S 19
S 20	10 43 18	12°29'31	7♋45	3°45	25°47	29° 2	24°26	20°38	15°56	21°22	20°21	15°55	16° 8	24°37	n.a.	S 20
M21	10 47 15	13°27'21	20°13	5°47	26°52	29°39	24°19	20°45	15°59	21°21	20°21	15°54	16° 5	24°44	n.a.	M21
T 22	10 51 11	14°25'09	3♌ 0	7°51	27°57	0♉16	24°12	20°52	16° 2	21°19	20°21	15°54	16° 2	24°51	n.a.	T 22
W23	10 55 8	15°22'56	16° 7	9°56	29° 2	0°53	24° 5	20°59	16° 6	21°18	20°22	15°54	15°58	24°57	n.a.	W23
T 24	10 59 5	16°20'40	29°36	12° 3	0♉ 7	1°30	23°58	21° 6	16° 9	21°17	20°22	15°D54	15°55	25° 4	n.a.	T 24
F 25	11 3 1	17°18'23	13♍25	14°11	1°11	2° 7	23°52	21°13	16°12	21°15	20°22	15°R54	15°52	25°11	n.a.	F 25
S 26	11 6 58	18°16'05	27°31	16°19	2°15	2°44	23°45	21°20	16°15	21°14	20°22	15°54	15°49	25°17	n.a.	S 26
S 27	11 10 54	19°13'44	11♎52	18°29	3°19	3°21	23°39	21°27	16°18	21°12	20°22	15°54	15°46	25°24	n.a.	S 27
M28	11 14 51	20°11'23	26°21	20°39	4°22	3°58	23°33	21°34	16°22	21°11	20°22	15°53	15°42	25°31	n.a.	M28
T 29	11 18 47	21° 9'00	10♏53	22°49	5°25	4°35	23°27	21°41	16°25	21° 9	20°23	15°53	15°39	25°38	n.a.	T 29
W30	11 22 44	22° 6'36	25°22	25° 0	6°28	5°12	23°21	21°48	16°28	21° 8	20°23	15°52	15°36	25°44	n.a.	W30
T 31	11 26 40	23♓ 4'10	9♐45	27♓10	7♉31	5♉49	23♌15	21♈56	16♈31	21♌ 7	20♊23	15♍52	15♍33	25♉51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	13 s46	8 s24	3n41	22 s39	2 s12	2n50	1n 6	7n37	0n44	14n35	1n52	5n36	2 s 0	5n37	0 s28	16n11	1n47	31n 9	7n36	5n38	5n11	14n15			n.a.
W 2	13 26	12 15	4 29	22 21	2 15	3 21	1 9	7 51	0 44	14 38	1 52	5 38	2 0	5 38	0 28	16 11	1 47	31 9	7 36	5 37	5 12	14 16			n.a.
T 3	13 6	15 24	5 1	22 1	2 17	3 52	1 13	8 6	0 45	14 40	1 52	5 41	2 0	5 39	0 28	16 12	1 47	31 9	7 36	5 37	5 13	14 17			n.a.
F 4	12 46	17 37	5 15	21 40	2 18	4 23	1 17	8 21	0 45	14 43	1 52	5 43	2 0	5 40	0 28	16 12	1 47	31 8	7 36	5 37	5 15	14 19			n.a.
S 5	12 25	18 44	5 9	21 16	2 19	4 54	1 21	8 36	0 46	14 46	1 52	5 46	2 0	5 41	0 28	16 13	1 47	31 8	7 36	5 38	5 16	14 20			n.a.
S 6	12 5	18 42	4 45	20 51	2 20	5 25	1 25	8 50	0 46	14 49	1 52	5 48	1 59	5 42	0 28	16 13	1 47	31 8	7 35	5 39	5 17	14 21			n.a.
M 7	11 44	17 32	4 5	20 24	2 20	5 56	1 29	9 5	0 47	14 51	1 52	5 51	1 59	5 43	0 28	16 14	1 47	31 8	7 35	5 40	5 18	14 23			n.a.
T 8	11 23	15 21	3 11	19 55	2 19	6 26	1 32	9 19	0 47	14 54	1 52	5 53	1 59	5 44	0 28	16 14	1 47	31 8	7 35	5 40	5 20	14 24			n.a.
W 9	11 2	12 22	2 6	19 25	2 18	6 57	1 36	9 34	0 47	14 56	1 52	5 56	1 59	5 45	0 28	16 15	1 47	31 8	7 35	5 41	5 21	14 25			n.a.
T 10	10 40	8 47	0 57	18 52	2 16	7 27	1 40	9 48	0 48	14 59	1 52	5 58	1 58	5 47	0 28	16 15	1 47	31 7	7 35	5 41	5 22	14 27			n.a.
F 11	10 19	4 52	0 s15	18 17	2 14	7 57	1 44	10 3	0 48	15 2	1 52	6 1	1 58	5 48	0 28	16 16	1 47	31 7	7 35	5 41	5 23	14 28			n.a.
S 12	9 57	0 48	1 24	17 41	2 11	8 26	1 47	10 17	0 49	15 4	1 52	6 4	1 58	5 49	0 28	16 16	1 47	31 7	7 35	5 41	5 25	14 29			n.a.
S 13	9 36	3n12	2 28	17 3	2 7	8 56	1 51	10 31	0 49	15 7	1 52	6 6	1 58	5 50	0 28	16 17	1 47	31 7	7 35	5 41	5 26	14 31			n.a.
M14	9 14	7 0	3 24	16 23	2 4	9 25	1 55	10 45	0 50	15 9	1 52	6 9	1 58	5 51	0 28	16 17	1 47	31 7	7 34	5 41	5 27	14 32			n.a.
T 15	8 52	10 28	4 10	15 40	1 59	9 54	1 58	11 0	0 50	15 12	1 52	6 12	1 57	5 52	0 28	16 18	1 47	31 7	7 34	5 40	5 28	14 33			n.a.
W16	8 30	13 27	4 45	14 56	1 54	10 23	2 2	11 14	0 50	15 14	1 52	6 14	1 57	5 53	0 28	16 19	1 47	31 7	7 34	5 40	5 30	14 35			n.a.
T 17	8 8	15 53	5 7	14 11	1 48	10 52	2 5	11 28	0 51	15 17	1 52	6 17	1 57	5 55	0 28	16 19	1 47	31 6	7 34	5 40	5 31	14 36			n.a.
F 18	7 45	17 38	5 17	13 23	1 42	11 20	2 9	11 42	0 51	15 19	1 52	6 20	1 57	5 56	0 28	16 20	1 47	31 6	7 34	5 40	5 32	14 37			n.a.
S 19	7 23	18 38	5 13	12 33	1 36	11 48	2 12	11 55	0 52	15 21	1 52	6 23	1 57	5 57	0 27	16 20	1 47	31 6	7 34	5 40	5 33	14 39			n.a.
S 20	7 0	18 47	4 54	11 42	1 28	12 16	2 16	12 9	0 52	15 24	1 52	6 25	1 56	5 58	0 27	16 20	1 47	31 6	7 34	5 40	5 35	14 40			n.a.
M21	6 38	18 3	4 22	10 49	1 21	12 43	2 19	12 23	0 52	15 26	1 52	6 28	1 56	6 0	0 27	16 21	1 47	31 6	7 33	5 40	5 36	14 41			n.a.
T 22	6 15	16 23	3 36	9 55	1 13	13 10	2 23	12 37	0 53	15 28	1 51	6 31	1 56	6 1	0 27	16 21	1 47	31 6	7 33	5 40	5 37	14 42			n.a.
W23	5 52	13 49	2 38	8 59	1 4	13 37	2 26	12 50	0 53	15 30	1 51	6 34	1 56	6 2	0 27	16 22	1 47	31 6	7 33	5 40	5 38	14 44			n.a.
T 24	5 30	10 27	1 29	8 1	0 55	14 3	2 29	13 4	0 53	15 32	1 51	6 36	1 56	6 3	0 27	16 22	1 47	31 6	7 33	5 40	5 40	14 45			n.a.
F 25	5 7	6 26	0 14	7 3	0 45	14 29	2 32	13 17	0 54	15 35	1 51	6 39	1 56	6 5	0 27	16 23	1 47	31 5	7 33	5 40	5 41	14 46			n.a.
S 26	4 44	1 59	1n 4	6 3	0 36	14 55	2 35	13 31	0 54	15 37	1 51	6 42	1 55	6 6	0 27	16 23	1 47	31 5	7 33	5 40	5 42	14 48			n.a.
S 27	4 21	2 s39	2 19	5 2	0 26	15 20	2 38	13 44	0 54	15 39	1 51	6 45	1 55	6 7	0 27	16 24	1 47	31 5	7 33	5 40	5 43	14 49			n.a.
M28	3 58	7 10	3 26	4 1	0 15	15 45	2 41	13 57	0 55	15 41	1 51	6 48	1 55	6 8	0 27	16 24	1 47	31 5	7 32	5 40	5 45	14 50			n.a.
T 29	3 35	11 17	4 20	2 59	0 5	16 10	2 44	14 10	0 55	15 42	1 50	6 51	1 55	6 10	0 27	16 25	1 47	31 5	7 32	5 41	5 46	14 52			n.a.
W30	3 11	14 41	4 57	1 56	0n 6	16 34	2 47	14 23	0 56	15 44	1 50	6 54	1 55	6 11	0 27	16 25	1 46	31 5	7 32	5 41	5 47	14 53			n.a.
T 31	2 s48	17 s10	5n15	0 s54	0n16	16n58	2n50	14n36	0n56	15n46	1n50	6n57	1 s55	6n12	0 s27	16n25	1n46	31n 5	7n32	5n41	5n48	14n54			n.a.

Julian Day Number = 989156.5, Delta T = 13h04m35s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'47, Lahiri = -31°35'47 Julian Calendar 1 March 2005 BCE == Greg. Calendar 13 Feb. 2005 BCE

The year -2004 astronomical counting style corresponds to year 2005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

APRIL 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 30 37	24♓ 1'44	23♐58	29♓20	8♉33	6♉26	23°R 9	22♈ 3	16♈35	21°R 5	20♊23	15°D52	15♍30	25♉58	n.a.	F 1
S 2	11 34 33	24°59'16	7♑58	1♈29	9°36	7° 3	23♌ 4	22°10	16°38	21♌ 4	20°24	15♍52	15°27	26° 4	n.a.	S 2
S 3	11 38 30	25°56'48	21°45	3°37	10°37	7°40	22°58	22°18	16°41	21° 3	20°24	15°52	15°23	26°11	n.a.	S 3
M 4	11 42 27	26°54'18	5♒17	5°44	11°39	8°17	22°53	22°25	16°45	21° 2	20°25	15°53	15°20	26°18	n.a.	M 4
T 5	11 46 23	27°51'48	18°36	7°50	12°40	8°54	22°47	22°33	16°48	21° 0	20°25	15°54	15°17	26°25	n.a.	T 5
W 6	11 50 20	28°49'16	1♓40	9°53	13°41	9°31	22°42	22°40	16°52	20°59	20°26	15°55	15°14	26°31	n.a.	W 6
T 7	11 54 16	29°46'43	14°31	11°55	14°41	10° 8	22°37	22°48	16°55	20°58	20°26	15°R56	15°11	26°38	n.a.	T 7
F 8	11 58 13	0♈44'09	27°10	13°54	15°42	10°45	22°33	22°55	16°58	20°57	20°27	15°55	15° 7	26°45	n.a.	F 8
S 9	12 2 9	1°41'33	9♈36	15°51	16°41	11°23	22°28	23° 3	17° 2	20°56	20°27	15°54	15° 4	26°51	n.a.	S 9
S 10	12 6 6	2°38'57	21°51	17°46	17°41	12° 0	22°24	23°10	17° 5	20°54	20°28	15°52	15° 1	26°58	n.a.	S 10
M11	12 10 2	3°36'19	3♉57	19°38	18°40	12°37	22°19	23°18	17° 9	20°53	20°28	15°50	14°58	27° 5	n.a.	M11
T 12	12 13 59	4°33'40	15°56	21°27	19°39	13°14	22°15	23°26	17°12	20°52	20°29	15°47	14°55	27°12	n.a.	T 12
W13	12 17 56	5°31'00	27°49	23°14	20°37	13°51	22°11	23°33	17°16	20°51	20°29	15°44	14°52	27°18	n.a.	W13
T 14	12 21 52	6°28'18	9♊41	24°58	21°35	14°28	22° 7	23°41	17°19	20°50	20°30	15°42	14°48	27°25	n.a.	T 14
F 15	12 25 49	7°25'36	21°35	26°39	22°32	15° 6	22° 4	23°49	17°23	20°49	20°31	15°40	14°45	27°32	n.a.	F 15
S 16	12 29 45	8°22'52	3♋36	28°17	23°29	15°43	22° 0	23°56	17°26	20°48	20°32	15°D39	14°42	27°38	n.a.	S 16
S 17	12 33 42	9°20'07	15°46	29°52	24°25	16°20	21°57	24° 4	17°30	20°47	20°32	15°39	14°39	27°45	n.a.	S 17
M18	12 37 38	10°17'21	28°13	1♉25	25°21	16°57	21°54	24°12	17°33	20°46	20°33	15°40	14°36	27°52	n.a.	M18
T 19	12 41 35	11°14'33	10♌58	2°54	26°17	17°34	21°51	24°20	17°37	20°45	20°34	15°41	14°33	27°59	n.a.	T 19
W20	12 45 31	12°11'45	24° 7	4°21	27°12	18°12	21°48	24°27	17°40	20°44	20°35	15°43	14°29	28° 5	n.a.	W20
T 21	12 49 28	13° 8'55	7♍41	5°44	28° 6	18°49	21°45	24°35	17°44	20°44	20°36	15°44	14°26	28°12	n.a.	T 21
F 22	12 53 25	14° 6'04	21°40	7° 4	29° 0	19°26	21°43	24°43	17°47	20°43	20°36	15°R44	14°23	28°19	n.a.	F 22
S 23	12 57 21	15° 3'13	6♎ 3	8°22	29°54	20° 3	21°41	24°51	17°51	20°42	20°37	15°43	14°20	28°25	n.a.	S 23
S 24	13 1 18	16° 0'21	20°45	9°36	0♊46	20°40	21°39	24°59	17°54	20°41	20°38	15°40	14°17	28°32	n.a.	S 24
M25	13 5 14	16°57'28	5♏39	10°47	1°38	21°18	21°37	25° 7	17°58	20°40	20°39	15°36	14°13	28°39	n.a.	M25
T 26	13 9 11	17°54'34	20°37	11°54	2°30	21°55	21°35	25°15	18° 1	20°40	20°40	15°32	14°10	28°46	n.a.	T 26
W27	13 13 7	18°51'41	5♐30	12°59	3°21	22°32	21°33	25°22	18° 5	20°39	20°41	15°28	14° 7	28°52	n.a.	W27
T 28	13 17 4	19°48'47	20°11	14° 0	4°11	23°10	21°32	25°30	18° 8	20°38	20°42	15°24	14° 4	28°59	n.a.	T 28
F 29	13 21 0	20°45'52	4♑33	14°57	5° 0	23°47	21°31	25°38	18°12	20°38	20°43	15°21	14° 1	29° 6	n.a.	F 29
S 30	13 24 57	21♈42'58	18♑35	15♉51	5♊49	24♉24	21♌30	25♈46	18♈16	20♌37	20♊44	15°D20	13♍58	29♉12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s25	18s33	5n14	0n 9	0n27	17n21	2n53	14n49	0n56	15n48	1n50	6n59	1s55	6n14	0s27	16n26	1n46	31n 5	7n32	5n41	5n50	14n55		n.a.
S 2	2 2	18 47	4 54	1 11	0 38	17 44	2 55	15 2	0 57	15 50	1 50	7 2	1 54	6 15	0 27	16 26	1 46	31 4	7 32	5 41	5 51	14 57		n.a.
S 3	1 39	17 54	4 17	2 12	0 48	18 7	2 58	15 14	0 57	15 51	1 50	7 5	1 54	6 16	0 27	16 27	1 46	31 4	7 32	5 41	5 52	14 58		n.a.
M 4	1 15	16 0	3 27	3 12	0 58	18 29	3 0	15 27	0 57	15 53	1 49	7 8	1 54	6 18	0 27	16 27	1 46	31 4	7 32	5 40	5 53	14 59		n.a.
T 5	0 52	13 15	2 26	4 12	1 8	18 50	3 3	15 39	0 57	15 54	1 49	7 11	1 54	6 19	0 27	16 27	1 46	31 4	7 31	5 40	5 55	15 1		n.a.
W 6	0 29	9 53	1 18	5 10	1 17	19 12	3 5	15 52	0 58	15 56	1 49	7 14	1 54	6 20	0 27	16 28	1 46	31 4	7 31	5 40	5 56	15 2		n.a.
T 7	0 5	6 6	0 8	6 7	1 26	19 32	3 7	16 4	0 58	15 57	1 49	7 17	1 54	6 22	0 27	16 28	1 46	31 4	7 31	5 40	5 57	15 3		n.a.
F 8	0n18	2 6	1s 2	7 2	1 34	19 52	3 9	16 16	0 58	15 59	1 48	7 20	1 54	6 23	0 27	16 29	1 46	31 4	7 31	5 40	5 59	15 4		n.a.
S 9	0 41	1n56	2 7	7 56	1 42	20 12	3 11	16 28	0 59	16 0	1 48	7 23	1 53	6 24	0 27	16 29	1 46	31 4	7 31	5 40	6 0	15 6		n.a.
S 10	1 4	5 49	3 6	8 47	1 50	20 31	3 13	16 40	0 59	16 1	1 48	7 26	1 53	6 26	0 27	16 29	1 46	31 4	7 31	5 41	6 1	15 7		n.a.
M11	1 28	9 25	3 55	9 37	1 56	20 50	3 14	16 52	0 59	16 3	1 48	7 29	1 53	6 27	0 27	16 30	1 46	31 4	7 31	5 42	6 2	15 8		n.a.
T 12	1 51	12 35	4 33	10 25	2 2	21 8	3 16	17 4	1 0	16 4	1 48	7 32	1 53	6 28	0 27	16 30	1 46	31 4	7 30	5 43	6 4	15 9		n.a.
W13	2 14	15 13	5 0	11 10	2 8	21 26	3 17	17 16	1 0	16 5	1 47	7 35	1 53	6 30	0 27	16 30	1 46	31 3	7 30	5 44	6 5	15 11		n.a.
T 14	2 37	17 12	5 13	11 54	2 12	21 43	3 19	17 27	1 0	16 6	1 47	7 38	1 53	6 31	0 27	16 31	1 46	31 3	7 30	5 45	6 6	15 12		n.a.
F 15	3 0	18 27	5 13	12 35	2 16	21 59	3 20	17 39	1 0	16 7	1 47	7 41	1 53	6 32	0 27	16 31	1 46	31 3	7 30	5 46	6 7	15 13		n.a.
S 16	3 23	18 53	4 59	13 15	2 20	22 16	3 21	17 50	1 1	16 8	1 47	7 44	1 53	6 34	0 27	16 31	1 46	31 3	7 30	5 46	6 9	15 14		n.a.
S 17	3 46	18 28	4 32	13 52	2 22	22 31	3 22	18 2	1 1	16 9	1 46	7 47	1 52	6 35	0 27	16 31	1 46	31 3	7 30	5 46	6 10	15 16		n.a.
M18	4 9	17 9	3 52	14 27	2 24	22 46	3 23	18 13	1 1	16 10	1 46	7 50	1 52	6 37	0 27	16 32	1 46	31 3	7 30	5 46	6 11	15 17		n.a.
T 19	4 32	14 57	2 59	14 59	2 25	23 0	3 24	18 24	1 1	16 10	1 46	7 53	1 52	6 38	0 27	16 32	1 46	31 3	7 30	5 45	6 12	15 18		n.a.
W20	4 55	11 56	1 56	15 30	2 25	23 14	3 24	18 35	1 2	16 11	1 45	7 56	1 52	6 39	0 27	16 32	1 46	31 3	7 29	5 45	6 14	15 19		n.a.
T 21	5 18	8 11	0 44	15 58	2 25	23 27	3 25	18 45	1 2	16 12	1 45	7 59	1 52	6 41	0 27	16 32	1 46	31 3	7 29	5 44	6 15	15 21		n.a.
F 22	5 40	3 52	0n33	16 24	2 23	23 40	3 25	18 56	1 2	16 12	1 45	8 2	1 52	6 42	0 27	16 33	1 46	31 3	7 29	5 44	6 16	15 22		n.a.
S 23	6 3	0s47	1 49	16 48	2 21	23 52	3 25	19 7	1 2	16 13	1 45	8 5	1 52	6 43	0 27	16 33	1 46	31 3	7 29	5 45	6 17	15 23		n.a.
S 24	6 25	5 29	3 0	17 10	2 19	24 3	3 25	19 17	1 3	16 13	1 44	8 8	1 52	6 45	0 27	16 33	1 46	31 3	7 29	5 46	6 19	15 24		n.a.
M25	6 48	9 55	4 0	17 30	2 15	24 14	3 24	19 27	1 3	16 13	1 44	8 11	1 52	6 46	0 27	16 33	1 46	31 3	7 29	5 47	6 20	15 26		n.a.
T 26	7 10	13 43	4 43	17 47	2 11	24 25	3 24	19 38	1 3	16 14	1 44	8 14	1 52	6 48	0 27	16 34	1 46	31 3	7 29	5 49	6 21	15 27		n.a.
W27	7 32	16 37	5 7	18 2	2 6	24 34	3 23	19 48	1 3	16 14	1 44	8 17	1 52	6 49	0 27	16 34	1 46	31 3	7 29	5 51	6 22	15 28		n.a.
T 28	7 54	18 23	5 11	18 16	2 0	24 43	3 23	19 58	1 3	16 14	1 43	8 20	1 51	6 50	0 27	16 34	1 46	31 3	7 29	5 52	6 24	15 29		n.a.
F 29	8 16	18 56	4 55	18 27	1 53	24 52	3 22	20 7	1 4	16 14	1 43	8 23	1 51	6 52	0 27	16 34	1 45	31 3	7 28	5 53	6 25	15 31		n.a.
S 30	8n38	18s18	4n21	18n36	1n46	25n 0	3n20	20n17	1n 4	16n14	1n43	8n26	1s51	6n53	0s27	16n34	1n45	31n 3	7n28	5n53	6n26	15n32		n.a.

Julian Day Number = 989187.5, Delta T = 13h04m32s
Ecliptic obliquity = 23°55'21, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'43, Lahiri = -31°35'42 Julian Calendar 1 Apr. 2005 BCE == Greg. Calendar 15 March 2005 BCE

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

MAY 2005 BCE (-2004) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 28 54	22♈40'03	2♒16	16♉41	6♊37	25♉ 1	21°R29	25♈54	18♈19	20°R37	20♊45	15♍21	13♍54	29♉19	n.a.	S 1
M 2	13 32 50	23°37'08	15°36	17°28	7°24	25°39	21♌28	26° 2	18°23	20♌36	20°47	15°22	13°51	29°26	n.a.	M 2
T 3	13 36 47	24°34'13	28°37	18°11	8°10	26°16	21°28	26°10	18°26	20°35	20°48	15°23	13°48	29°33	n.a.	T 3
W 4	13 40 43	25°31'17	11♓23	18°50	8°56	26°53	21°27	26°18	18°30	20°35	20°49	15°R24	13°45	29°39	n.a.	W 4
T 5	13 44 40	26°28'22	23°55	19°24	9°41	27°31	21°D27	26°26	18°33	20°35	20°50	15°24	13°42	29°46	n.a.	T 5
F 6	13 48 36	27°25'26	6♈17	19°55	10°24	28° 8	21°27	26°34	18°37	20°34	20°51	15°22	13°38	29°53	n.a.	F 6
S 7	13 52 33	28°22'30	18°29	20°21	11° 7	28°46	21°27	26°42	18°40	20°34	20°52	15°18	13°35	29°59	n.a.	S 7
S 8	13 56 30	29°19'34	0♉34	20°44	11°49	29°23	21°28	26°50	18°44	20°33	20°54	15°12	13°32	0♊ 6	n.a.	S 8
M 9	14 0 26	0♉16'38	12°33	21° 1	12°30	0♊ 0	21°28	26°57	18°47	20°33	20°55	15° 4	13°29	0°13	n.a.	M 9
T 10	14 4 23	1°13'42	24°27	21°14	13°10	0°38	21°29	27° 5	18°51	20°33	20°56	14°56	13°26	0°20	n.a.	T 10
W11	14 8 19	2°10'45	6♊19	21°23	13°49	1°15	21°30	27°13	18°54	20°32	20°57	14°47	13°23	0°26	n.a.	W11
T 12	14 12 16	3° 7'49	18°11	21°R27	14°26	1°53	21°31	27°21	18°58	20°32	20°59	14°39	13°19	0°33	n.a.	T 12
F 13	14 16 12	4° 4'51	0♋ 5	21°26	15° 3	2°30	21°33	27°29	19° 1	20°32	21° 0	14°33	13°16	0°40	n.a.	F 13
S 14	14 20 9	5° 1'54	12° 4	21°21	15°38	3° 8	21°34	27°37	19° 4	20°32	21° 1	14°28	13°13	0°47	n.a.	S 14
S 15	14 24 5	5°58'57	24°13	21°11	16°12	3°45	21°36	27°45	19° 8	20°32	21° 3	14°25	13°10	0°53	n.a.	S 15
M16	14 28 2	6°55'59	6♌36	20°57	16°44	4°23	21°38	27°53	19°11	20°32	21° 4	14°D24	13° 7	1° 0	n.a.	M16
T 17	14 31 59	7°53'01	19°17	20°39	17°16	5° 0	21°40	28° 1	19°15	20°31	21° 6	14°25	13° 4	1° 7	n.a.	T 17
W18	14 35 55	8°50'03	2♍22	20°17	17°45	5°38	21°42	28° 8	19°18	20°31	21° 7	14°26	13° 0	1°13	n.a.	W18
T 19	14 39 52	9°47'04	15°53	19°51	18°14	6°15	21°44	28°16	19°21	20°D31	21° 8	14°R26	12°57	1°20	n.a.	T 19
F 20	14 43 48	10°44'06	29°52	19°22	18°40	6°53	21°47	28°24	19°25	20°31	21°10	14°25	12°54	1°27	n.a.	F 20
S 21	14 47 45	11°41'07	14♎19	18°50	19° 6	7°30	21°49	28°32	19°28	20°31	21°11	14°22	12°51	1°34	n.a.	S 21
S 22	14 51 41	12°38'09	29°10	18°16	19°29	8° 8	21°52	28°40	19°32	20°31	21°13	14°17	12°48	1°40	n.a.	S 22
M23	14 55 38	13°35'11	14♏18	17°40	19°51	8°45	21°55	28°47	19°35	20°32	21°14	14°10	12°44	1°47	n.a.	M23
T 24	14 59 35	14°32'13	29°34	17° 2	20°11	9°23	21°59	28°55	19°38	20°32	21°16	14° 1	12°41	1°54	n.a.	T 24
W25	15 3 31	15°29'16	14♐46	16°24	20°29	10° 1	22° 2	29° 3	19°41	20°32	21°17	13°52	12°38	2° 1	n.a.	W25
T 26	15 7 28	16°26'20	29°44	15°46	20°45	10°38	22° 6	29°11	19°45	20°32	21°19	13°45	12°35	2° 7	n.a.	T 26
F 27	15 11 24	17°23'24	14♑21	15° 9	21° 0	11°16	22° 9	29°18	19°48	20°32	21°21	13°39	12°32	2°14	n.a.	F 27
S 28	15 15 21	18°20'28	28°31	14°33	21°12	11°54	22°13	29°26	19°51	20°33	21°22	13°35	12°29	2°21	n.a.	S 28
S 29	15 19 17	19°17'34	12♒15	13°59	21°22	12°31	22°17	29°34	19°54	20°33	21°24	13°33	12°25	2°27	n.a.	S 29
M30	15 23 14	20°14'40	25°32	13°27	21°30	13° 9	22°21	29°41	19°58	20°33	21°25	13°D33	12°22	2°34	n.a.	M30
T 31	15 27 11	21♉11'47	8♓27	12♉59	21♊36	13♊47	22♌26	29♈49	20♈ 1	20♌34	21♊27	13°R34	12♍19	2♊41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	8n59	16s36	3n33	18n43	1n38	25n 7	3n19	20n27	1n 4	16n14	1n42	8n29	1s51	6n54	0s27	16n34	1n45	31n 3	7n28	5n53	6n27	15n33		n.a.	S 1
M 2	9 21	14 1	2 35	18 48	1 29	25 14	3 17	20 36	1 4	16 14	1 42	8 32	1 51	6 56	0 27	16 34	1 45	31 3	7 28	5 53	6 28	15 34		n.a.	M 2
T 3	9 42	10 47	1 30	18 51	1 19	25 20	3 16	20 45	1 5	16 14	1 42	8 35	1 51	6 57	0 27	16 35	1 45	31 3	7 28	5 52	6 30	15 35		n.a.	T 3
W 4	10 4	7 6	0 22	18 53	1 9	25 25	3 14	20 54	1 5	16 14	1 42	8 38	1 51	6 59	0 27	16 35	1 45	31 3	7 28	5 52	6 31	15 37		n.a.	W 4
T 5	10 25	3 10	0s46	18 52	0 58	25 30	3 11	21 3	1 5	16 14	1 41	8 41	1 51	7 0	0 27	16 35	1 45	31 3	7 28	5 52	6 32	15 38		n.a.	T 5
F 6	10 46	0n51	1 51	18 49	0 46	25 34	3 9	21 12	1 5	16 14	1 41	8 44	1 51	7 1	0 27	16 35	1 45	31 3	7 28	5 53	6 33	15 39		n.a.	F 6
S 7	11 7	4 47	2 49	18 44	0 34	25 38	3 6	21 21	1 5	16 13	1 41	8 47	1 51	7 3	0 27	16 35	1 45	31 3	7 28	5 54	6 35	15 40		n.a.	S 7
S 8	11 27	8 29	3 40	18 38	0 21	25 41	3 3	21 29	1 6	16 13	1 40	8 50	1 51	7 4	0 27	16 35	1 45	31 3	7 28	5 57	6 36	15 41		n.a.	S 8
M 9	11 48	11 48	4 20	18 29	0 7	25 44	3 0	21 38	1 6	16 12	1 40	8 52	1 51	7 5	0 27	16 35	1 45	31 3	7 28	6 0	6 37	15 43		n.a.	M 9
T 10	12 8	14 37	4 48	18 19	0s 7	25 45	2 57	21 46	1 6	16 12	1 40	8 55	1 51	7 7	0 27	16 35	1 45	31 3	7 27	6 3	6 38	15 44		n.a.	T 10
W11	12 28	16 49	5 4	18 7	0 22	25 47	2 53	21 54	1 6	16 11	1 39	8 58	1 51	7 8	0 27	16 35	1 45	31 3	7 27	6 7	6 40	15 45		n.a.	W11
T 12	12 48	18 18	5 7	17 54	0 37	25 47	2 49	22 2	1 6	16 10	1 39	9 1	1 51	7 9	0 27	16 35	1 45	31 3	7 27	6 10	6 41	15 46		n.a.	T 12
F 13	13 8	18 59	4 56	17 38	0 53	25 47	2 45	22 10	1 6	16 10	1 39	9 4	1 51	7 11	0 27	16 35	1 45	31 3	7 27	6 12	6 42	15 47		n.a.	F 13
S 14	13 28	18 50	4 33	17 22	1 8	25 47	2 40	22 18	1 7	16 9	1 39	9 7	1 51	7 12	0 27	16 35	1 45	31 3	7 27	6 14	6 43	15 49		n.a.	S 14
S 15	13 47	17 49	3 57	17 4	1 24	25 46	2 35	22 25	1 7	16 8	1 38	9 10	1 51	7 13	0 27	16 35	1 45	31 3	7 27	6 15	6 45	15 50		n.a.	S 15
M16	14 6	15 57	3 9	16 45	1 40	25 44	2 30	22 32	1 7	16 7	1 38	9 13	1 51	7 15	0 27	16 35	1 45	31 3	7 27	6 15	6 46	15 51		n.a.	M16
T 17	14 25	13 16	2 11	16 24	1 56	25 42	2 25	22 40	1 7	16 6	1 38	9 16	1 50	7 16	0 27	16 35	1 45	31 3	7 27	6 15	6 47	15 52		n.a.	T 17
W18	14 44	9 51	1 4	16 3	2 12	25 39	2 19	22 47	1 7	16 5	1 37	9 19	1 50	7 17	0 27	16 35	1 45	31 3	7 27	6 15	6 48	15 53		n.a.	W18
T 19	15 2	5 48	0n 8	15 41	2 28	25 36	2 13	22 54	1 7	16 4	1 37	9 21	1 50	7 19	0 27	16 35	1 45	31 3	7 27	6 15	6 50	15 55		n.a.	T 19
F 20	15 21	1 18	1 22	15 19	2 43	25 32	2 7	23 0	1 7	16 3	1 37	9 24	1 50	7 20	0 27	16 35	1 44	31 3	7 27	6 15	6 51	15 56		n.a.	F 20
S 21	15 39	3s25	2 33	14 56	2 57	25 27	2 0	23 7	1 8	16 2	1 37	9 27	1 50	7 21	0 27	16 35	1 44	31 3	7 27	6 16	6 52	15 57		n.a.	S 21
S 22	15 56	8 3	3 35	14 34	3 11	25 22	1 53	23 13	1 8	16 1	1 36	9 30	1 50	7 23	0 27	16 35	1 44	31 3	7 27	6 18	6 53	15 58		n.a.	S 22
M23	16 14	12 15	4 24	14 11	3 24	25 16	1 45	23 19	1 8	15 59	1 36	9 33	1 50	7 24	0 27	16 35	1 44	31 3	7 27	6 21	6 55	15 59		n.a.	M23
T 24	16 31	15 40	4 55	13 49	3 35	25 10	1 38	23 25	1 8	15 58	1 36	9 36	1 50	7 25	0 27	16 35	1 44	31 3	7 26	6 25	6 56	16 0		n.a.	T 24
W25	16 48	18 0	5 4	13 29	3 46	25 3	1 29	23 31	1 8	15 57	1 35	9 38	1 50	7 26	0 27	16 35	1 44	31 3	7 26	6 28	6 57	16 2		n.a.	W25
T 26	17 5	19 3	4 52	13 9	3 55	24 56	1 21	23 37	1 8	15 55	1 35	9 41	1 50	7 28	0 27	16 35	1 44	31 3	7 26	6 31	6 58	16 3		n.a.	T 26
F 27	17 22	18 48	4 22	12 50	4 3	24 48	1 12	23 43	1 8	15 54	1 35	9 44	1 50	7 29	0 27	16 35	1 44	31 3	7 26	6 33	7 0	16 4		n.a.	F 27
S 28	17 38	17 21	3 36	12 34	4 9	24 40	1 3	23 48	1 9	15 52	1 35	9 47	1 50	7 30	0 27	16 34	1 44	31 3	7 26	6 35	7 1	16 5		n.a.	S 28
S 29	17 54	14 56	2 39	12 19	4 14	24 31	0 53	23 53	1 9	15 51	1 34	9 49	1 50	7 31	0 27	16 34	1 44	31 3	7 26	6 35	7 2	16 6		n.a.	S 29
M30	18 10	11 47	1 35	12 7	4 17	24 22	0 43	23 58	1 9	15 49	1 34	9 52	1 50	7 33	0 27	16 34	1 44	31 3	7 26	6 36	7 3	16 7		n.a.	M30
T 31	18n25	8s 9	0n27	11n56	4s19	24n12	0n33	24n 3	1n 9	15n47	1n34	9n55	1s50	7n34	0s27	16n34	1n44	31n 4	7n26	6n35	7n 4	16n 9		n.a.	T 31

Julian Day Number = 989217.5, Delta T = 13h04m30s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'39, Lahiri = -31°35'38 Julian Calendar 1 May 2005 BCE == Greg. Calendar 14 Apr. 2005 BCE

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

JUNE 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 31 7	22♉ 8'55	21♓ 3	12°R35	21♊40	14♊24	22♌30	29♈56	20♈ 4	20♌34	21♊29	13°R34	12♍16	2♊48	n.a.	W 1
T 2	15 35 4	23° 6'03	3♈24	12♉15	21°R42	15° 2	22°35	0♉ 4	20° 7	20°34	21°30	13♍32	12°13	2°54	n.a.	T 2
F 3	15 39 0	24° 3'13	15°34	11°59	21°41	15°40	22°40	0°11	20°10	20°35	21°32	13°28	12°10	3° 1	n.a.	F 3
S 4	15 42 57	25° 0'24	27°36	11°48	21°38	16°18	22°45	0°19	20°13	20°35	21°34	13°21	12° 6	3° 8	n.a.	S 4
S 5	15 46 53	25°57'35	9♉33	11°42	21°33	16°56	22°50	0°26	20°16	20°36	21°35	13°11	12° 3	3°14	n.a.	S 5
M 6	15 50 50	26°54'47	21°26	11°D42	21°25	17°33	22°55	0°34	20°19	20°36	21°37	13° 0	12° 0	3°21	n.a.	M 6
T 7	15 54 46	27°52'00	3♊18	11°48	21°15	18°11	23° 1	0°41	20°22	20°37	21°39	12°47	11°57	3°28	n.a.	T 7
W 8	15 58 43	28°49'14	15°10	11°59	21° 3	18°49	23° 6	0°48	20°25	20°38	21°40	12°33	11°54	3°35	n.a.	W 8
T 9	16 2 40	29°46'29	27° 3	12°16	20°48	19°27	23°12	0°56	20°28	20°38	21°42	12°21	11°50	3°41	n.a.	T 9
F 10	16 6 36	0♊43'44	9♋ 0	12°39	20°31	20° 5	23°18	1° 3	20°31	20°39	21°44	12°10	11°47	3°48	n.a.	F 10
S 11	16 10 33	1°41'00	21° 2	13° 7	20°12	20°43	23°24	1°10	20°34	20°40	21°46	12° 2	11°44	3°55	n.a.	S 11
S 12	16 14 29	2°38'17	3♌12	13°42	19°50	21°21	23°30	1°17	20°37	20°40	21°47	11°56	11°41	4° 2	n.a.	S 12
M13	16 18 26	3°35'35	15°35	14°23	19°27	21°59	23°36	1°25	20°39	20°41	21°49	11°54	11°38	4° 8	n.a.	M13
T 14	16 22 22	4°32'53	28°14	15° 9	19° 1	22°37	23°43	1°32	20°42	20°42	21°51	11°53	11°35	4°15	n.a.	T 14
W15	16 26 19	5°30'13	11♍14	16° 1	18°33	23°15	23°50	1°39	20°45	20°43	21°53	11°52	11°31	4°22	n.a.	W15
T 16	16 30 15	6°27'33	24°38	16°59	18° 4	23°53	23°56	1°46	20°48	20°44	21°54	11°52	11°28	4°28	n.a.	T 16
F 17	16 34 12	7°24'53	8♎29	18° 3	17°33	24°31	24° 3	1°53	20°50	20°45	21°56	11°50	11°25	4°35	n.a.	F 17
S 18	16 38 9	8°22'15	22°50	19°12	17° 0	25° 9	24°10	2° 0	20°53	20°46	21°58	11°46	11°22	4°42	n.a.	S 18
S 19	16 42 5	9°19'37	7♏36	20°26	16°26	25°47	24°17	2° 7	20°56	20°47	22° 0	11°40	11°19	4°49	n.a.	S 19
M20	16 46 2	10°17'01	22°43	21°46	15°51	26°25	24°25	2°13	20°58	20°48	22° 2	11°31	11°15	4°55	n.a.	M20
T 21	16 49 58	11°14'26	8♐ 2	23°10	15°16	27° 3	24°32	2°20	21° 1	20°49	22° 3	11°21	11°12	5° 2	n.a.	T 21
W22	16 53 55	12°11'52	23°21	24°39	14°39	27°41	24°39	2°27	21° 3	20°50	22° 5	11°10	11° 9	5° 9	n.a.	W22
T 23	16 57 51	13° 9'20	8♑28	26°13	14° 2	28°19	24°47	2°34	21° 6	20°51	22° 7	11° 0	11° 6	5°15	n.a.	T 23
F 24	17 1 48	14° 6'49	23°16	27°51	13°25	28°57	24°55	2°40	21° 8	20°52	22° 9	10°52	11° 3	5°22	n.a.	F 24
S 25	17 5 45	15° 4'19	7♒36	29°33	12°48	29°35	25° 3	2°47	21°11	20°53	22°11	10°47	11° 0	5°29	n.a.	S 25
S 26	17 9 41	16° 1'51	21°26	1♊18	12°12	0♋14	25°11	2°53	21°13	20°54	22°12	10°44	10°56	5°36	n.a.	S 26
M27	17 13 38	16°59'25	4♓48	3° 7	11°35	0°52	25°19	3° 0	21°15	20°55	22°14	10°43	10°53	5°42	n.a.	M27
T 28	17 17 34	17°57'00	17°44	4°58	11° 0	1°30	25°27	3° 6	21°18	20°56	22°16	10°43	10°50	5°49	n.a.	T 28
W29	17 21 31	18°54'37	0♈18	6°52	10°26	2° 8	25°36	3°13	21°20	20°58	22°18	10°43	10°47	5°56	n.a.	W29
T 30	17 25 27	19♊52'16	12♈35	8♊48	9♊53	2♋47	25♌44	3♉19	21♈22	20♌59	22♊20	10♍41	10♍44	6♊ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	18n40	4s13	0s40	11n49	4s19	24n 1	0n22	24n 8	1n 9	15n45	1n33	9n57	1s50	7n35	0s27	16n34	1n44	31n 4	7n26	6n35	7n 6	16n10		n.a.	W 1
T 2	18 55	0 12	1 43	11 44	4 18	23 50	0 11	24 12	1 9	15 44	1 33	10 0	1 50	7 36	0 27	16 34	1 44	31 4	7 26	6 36	7 7	16 11		n.a.	T 2
F 3	19 10	3n46	2 41	11 41	4 15	23 39	0s 1	24 17	1 9	15 42	1 33	10 3	1 50	7 37	0 27	16 33	1 44	31 4	7 26	6 38	7 8	16 12		n.a.	F 3
S 4	19 24	7 33	3 31	11 42	4 11	23 26	0 13	24 21	1 9	15 40	1 33	10 5	1 50	7 38	0 27	16 33	1 44	31 4	7 26	6 40	7 9	16 13		n.a.	S 4
S 5	19 38	11 0	4 11	11 45	4 6	23 14	0 25	24 25	1 9	15 38	1 32	10 8	1 50	7 40	0 27	16 33	1 44	31 4	7 26	6 44	7 11	16 14		n.a.	S 5
M 6	19 52	13 59	4 40	11 51	4 0	23 1	0 37	24 29	1 9	15 36	1 32	10 11	1 50	7 41	0 27	16 33	1 44	31 4	7 26	6 49	7 12	16 15		n.a.	M 6
T 7	20 5	16 23	4 56	12 0	3 52	22 47	0 50	24 32	1 10	15 34	1 32	10 13	1 50	7 42	0 27	16 32	1 44	31 4	7 26	6 54	7 13	16 17		n.a.	T 7
W 8	20 18	18 6	5 0	12 12	3 43	22 33	1 3	24 36	1 10	15 32	1 31	10 16	1 50	7 43	0 27	16 32	1 44	31 4	7 26	6 59	7 14	16 18		n.a.	W 8
T 9	20 31	19 3	4 51	12 26	3 34	22 19	1 17	24 39	1 10	15 29	1 31	10 18	1 51	7 44	0 27	16 32	1 43	31 4	7 26	7 4	7 16	16 19		n.a.	T 9
F 10	20 43	19 8	4 29	12 43	3 23	22 4	1 30	24 42	1 10	15 27	1 31	10 21	1 51	7 45	0 27	16 32	1 43	31 5	7 26	7 8	7 17	16 20		n.a.	F 10
S 11	20 55	18 23	3 55	13 3	3 12	21 49	1 44	24 45	1 10	15 25	1 31	10 23	1 51	7 46	0 27	16 31	1 43	31 5	7 26	7 11	7 18	16 21		n.a.	S 11
S 12	21 6	16 46	3 9	13 24	3 0	21 33	1 58	24 48	1 10	15 22	1 30	10 26	1 51	7 47	0 27	16 31	1 43	31 5	7 26	7 13	7 19	16 22		n.a.	S 12
M13	21 18	14 21	2 14	13 48	2 48	21 18	2 12	24 50	1 10	15 20	1 30	10 28	1 51	7 49	0 27	16 31	1 43	31 5	7 26	7 14	7 21	16 23		n.a.	M13
T 14	21 29	11 13	1 12	14 15	2 35	21 1	2 27	24 53	1 10	15 18	1 30	10 31	1 51	7 50	0 27	16 31	1 43	31 5	7 26	7 15	7 22	16 24		n.a.	T 14
W15	21 39	7 27	0 3	14 43	2 22	20 45	2 41	24 55	1 10	15 15	1 30	10 33	1 51	7 51	0 27	16 30	1 43	31 5	7 26	7 15	7 23	16 26		n.a.	W15
T 16	21 49	3 12	1n 7	15 12	2 8	20 28	2 55	24 57	1 10	15 13	1 29	10 36	1 51	7 52	0 27	16 30	1 43	31 5	7 26	7 15	7 24	16 27		n.a.	T 16
F 17	21 59	1s22	2 16	15 44	1 54	20 11	3 9	24 59	1 10	15 10	1 29	10 38	1 51	7 53	0 27	16 30	1 43	31 5	7 26	7 16	7 25	16 28		n.a.	F 17
S 18	22 9	5 59	3 18	16 16	1 40	19 54	3 23	25 0	1 10	15 7	1 29	10 41	1 51	7 54	0 27	16 29	1 43	31 6	7 26	7 17	7 27	16 29		n.a.	S 18
S 19	22 18	10 24	4 9	16 50	1 26	19 37	3 37	25 2	1 10	15 5	1 29	10 43	1 51	7 55	0 27	16 29	1 43	31 6	7 26	7 20	7 28	16 30		n.a.	S 19
M20	22 26	14 14	4 45	17 25	1 12	19 20	3 51	25 3	1 10	15 2	1 28	10 45	1 51	7 56	0 27	16 28	1 43	31 6	7 26	7 23	7 29	16 31		n.a.	M20
T 21	22 35	17 9	5 0	18 0	0 58	19 3	4 4	25 4	1 11	14 59	1 28	10 48	1 51	7 57	0 27	16 28	1 43	31 6	7 26	7 27	7 30	16 32		n.a.	T 21
W22	22 43	18 52	4 54	18 36	0 45	18 46	4 17	25 5	1 11	14 57	1 28	10 50	1 51	7 58	0 27	16 28	1 43	31 6	7 26	7 31	7 32	16 33		n.a.	W22
T 23	22 50	19 12	4 27	19 12	0 31	18 29	4 30	25 5	1 11	14 54	1 28	10 52	1 51	7 59	0 27	16 27	1 43	31 6	7 26	7 35	7 33	16 34		n.a.	T 23
F 24	22 57	18 13	3 43	19 47	0 18	18 13	4 42	25 6	1 11	14 51	1 27	10 54	1 51	7 59	0 27	16 27	1 43	31 7	7 26	7 38	7 34	16 36		n.a.	F 24
S 25	23 4	16 5	2 45	20 22	0 5	17 57	4 53	25 6	1 11	14 48	1 27	10 57	1 51	8 0	0 27	16 26	1 43	31 7	7 26	7 40	7 35	16 37		n.a.	S 25
S 26	23 10	13 4	1 40	20 57	0n 7	17 41	5 4	25 6	1 11	14 45	1 27	10 59	1 51	8 1	0 27	16 26	1 43	31 7	7 26	7 41	7 37	16 38		n.a.	S 26
M27	23 16	9 27	0 31	21 30	0 19	17 26	5 15	25 6	1 11	14 42	1 27	11 1	1 51	8 2	0 27	16 26	1 43	31 7	7 27	7 42	7 38	16 39		n.a.	M27
T 28	23 22	5 31	0s37	22 3	0 30	17 12	5 24	25 6	1 11	14 39	1 26	11 3	1 52	8 3	0 27	16 25	1 43	31 7	7 27	7 42	7 39	16 40		n.a.	T 28
W29	23 27	1 26	1 42	22 33	0 40	16 58	5 33	25 5	1 11	14 36	1 26	11 5	1 52	8 4	0 27	16 25	1 43	31 7	7 27	7 42	7 40	16 41		n.a.	W29
T 30	23n32	2n37	2s40	23n 2	0n50	16n45	5s42	25n 4	1n11	14n33	1n26	11n 7	1s52	8n 5	0s27	16n24	1n43	31n 8	7n27	7n42	7n41	16n42		n.a.	T 30

Julian Day Number = 989248.5, Delta T = 13h04m28s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'35, Lahiri = -31°35'34 Julian Calendar 1 June 2005 BCE == Greg. Calendar 15 May 2005 BCE

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

JULY 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 29 24	20♊49'57	24♈40	10♊46	9°R21	3♋25	25♘53	3♉25	21♈24	21♘ 0	22♊22	10°R37	10♍41	6♊ 9	n.a.	F 1
S 2	17 33 20	21°47'39	6♉37	12°45	8♊51	4° 3	26° 2	3°31	21°27	21° 2	22°24	10♍30	10°37	6°16	n.a.	S 2
S 3	17 37 17	22°45'23	18°30	14°46	8°22	4°42	26°10	3°37	21°29	21° 3	22°25	10°21	10°34	6°23	n.a.	S 3
M 4	17 41 14	23°43'09	0♊21	16°46	7°56	5°20	26°19	3°44	21°31	21° 4	22°27	10° 9	10°31	6°29	n.a.	M 4
T 5	17 45 10	24°40'57	12°14	18°48	7°31	5°59	26°28	3°50	21°33	21° 6	22°29	9°56	10°28	6°36	n.a.	T 5
W 6	17 49 7	25°38'46	24° 8	20°49	7° 9	6°37	26°38	3°55	21°35	21° 7	22°31	9°43	10°25	6°43	n.a.	W 6
T 7	17 53 3	26°36'38	6♋ 6	22°50	6°49	7°15	26°47	4° 1	21°37	21° 9	22°33	9°30	10°21	6°50	n.a.	T 7
F 8	17 57 0	27°34'30	18°10	24°51	6°30	7°54	26°56	4° 7	21°39	21°10	22°35	9°19	10°18	6°56	n.a.	F 8
S 9	18 0 56	28°32'25	0♌20	26°51	6°15	8°32	27° 6	4°13	21°40	21°12	22°36	9°11	10°15	7° 3	n.a.	S 9
S 10	18 4 53	29°30'21	12°38	28°50	6° 1	9°11	27°15	4°19	21°42	21°13	22°38	9° 5	10°12	7°10	n.a.	S 10
M11	18 8 49	0♋28'18	25° 8	0♋49	5°50	9°50	27°25	4°24	21°44	21°15	22°40	9° 2	10° 9	7°17	n.a.	M11
T 12	18 12 46	1°26'17	7♍51	2°46	5°42	10°28	27°35	4°30	21°46	21°16	22°42	9°D 1	10° 6	7°23	n.a.	T 12
W13	18 16 43	2°24'18	20°51	4°43	5°35	11° 7	27°45	4°35	21°47	21°18	22°44	9° 2	10° 2	7°30	n.a.	W13
T 14	18 20 39	3°22'20	4♎12	6°38	5°31	11°45	27°55	4°40	21°49	21°19	22°46	9°R 2	9°59	7°37	n.a.	T 14
F 15	18 24 36	4°20'23	17°55	8°33	5°D30	12°24	28° 5	4°46	21°51	21°21	22°47	9° 1	9°56	7°43	n.a.	F 15
S 16	18 28 32	5°18'28	2♏ 4	10°26	5°31	13° 3	28°15	4°51	21°52	21°23	22°49	8°59	9°53	7°50	n.a.	S 16
S 17	18 32 29	6°16'35	16°36	12°18	5°34	13°42	28°25	4°56	21°54	21°24	22°51	8°54	9°50	7°57	n.a.	S 17
M18	18 36 25	7°14'44	1♐28	14° 8	5°39	14°20	28°36	5° 1	21°55	21°26	22°53	8°46	9°47	8° 4	n.a.	M18
T 19	18 40 22	8°12'54	16°34	15°58	5°47	14°59	28°46	5° 6	21°56	21°28	22°55	8°38	9°43	8°10	n.a.	T 19
W20	18 44 18	9°11'06	1♑43	17°46	5°56	15°38	28°56	5°11	21°58	21°30	22°56	8°29	9°40	8°17	n.a.	W20
T 21	18 48 15	10° 9'20	16°45	19°33	6° 8	16°17	29° 7	5°16	21°59	21°31	22°58	8°21	9°37	8°24	n.a.	T 21
F 22	18 52 12	11° 7'36	1♒32	21°19	6°22	16°56	29°18	5°21	22° 0	21°33	23° 0	8°14	9°34	8°31	n.a.	F 22
S 23	18 56 8	12° 5'55	15°55	23° 4	6°38	17°34	29°29	5°25	22° 2	21°35	23° 2	8°10	9°31	8°37	n.a.	S 23
S 24	19 0 5	13° 4'15	29°50	24°47	6°56	18°13	29°39	5°30	22° 3	21°37	23° 4	8° 8	9°27	8°44	n.a.	S 24
M25	19 4 1	14° 2'37	13♓18	26°30	7°15	18°52	29°50	5°34	22° 4	21°39	23° 5	8°D 7	9°24	8°51	n.a.	M25
T 26	19 7 58	15° 1'02	26°18	28°11	7°37	19°31	0♍ 1	5°39	22° 5	21°41	23° 7	8° 8	9°21	8°57	n.a.	T 26
W27	19 11 54	15°59'29	8♈56	29°51	8° 0	20°10	0°12	5°43	22° 6	21°43	23° 9	8° 9	9°18	9° 4	n.a.	W27
T 28	19 15 51	16°57'59	21°15	1♘30	8°25	20°49	0°24	5°47	22° 7	21°44	23°10	8°R 9	9°15	9°11	n.a.	T 28
F 29	19 19 47	17°56'30	3♉20	3° 8	8°52	21°28	0°35	5°51	22° 8	21°46	23°12	8° 8	9°12	9°18	n.a.	F 29
S 30	19 23 44	18°55'05	15°17	4°45	9°21	22° 7	0°46	5°55	22° 9	21°48	23°14	8° 5	9° 8	9°24	n.a.	S 30
S 31	19 27 40	19♋53'41	27♉ 9	6♘20	9♊50	22♋46	0♍58	5♉59	22♈ 9	21♘50	23♊16	7♍59	9♍ 5	9♊31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n36	6n30	3s30	23n29	0n59	16n32	5s50	25n 3	1n11	14n29	1n26	11n 9	1s52	8n 6	0s27	16n24	1n42	31n 8	7n27	7n44	7n43	16n43		n.a.	F 1
S 2	23 40	10 4	4 10	23 54	1 7	16 21	5 57	25 2	1 11	14 26	1 26	11 12	1 52	8 6	0 27	16 23	1 42	31 8	7 27	7 47	7 44	16 44		n.a.	S 2
S 3	23 43	13 13	4 39	24 16	1 15	16 10	6 3	25 1	1 11	14 23	1 25	11 14	1 52	8 7	0 27	16 23	1 42	31 8	7 27	7 50	7 45	16 45		n.a.	S 3
M 4	23 46	15 49	4 56	24 36	1 21	16 1	6 9	25 0	1 11	14 19	1 25	11 16	1 52	8 8	0 27	16 22	1 42	31 8	7 27	7 55	7 46	16 46		n.a.	M 4
T 5	23 49	17 45	5 0	24 53	1 27	15 52	6 14	24 58	1 11	14 16	1 25	11 18	1 52	8 9	0 27	16 22	1 42	31 9	7 27	8 0	7 48	16 47		n.a.	T 5
W 6	23 51	18 56	4 51	25 8	1 33	15 44	6 18	24 56	1 11	14 13	1 25	11 19	1 52	8 9	0 27	16 21	1 42	31 9	7 27	8 5	7 49	16 48		n.a.	W 6
T 7	23 53	19 18	4 29	25 20	1 37	15 37	6 22	24 54	1 11	14 9	1 24	11 21	1 52	8 10	0 27	16 21	1 42	31 9	7 27	8 10	7 50	16 50		n.a.	T 7
F 8	23 54	18 47	3 55	25 30	1 41	15 31	6 25	24 52	1 11	14 6	1 24	11 23	1 52	8 11	0 27	16 20	1 42	31 9	7 27	8 14	7 51	16 51		n.a.	F 8
S 9	23 55	17 24	3 10	25 36	1 43	15 26	6 27	24 49	1 11	14 2	1 24	11 25	1 52	8 12	0 27	16 20	1 42	31 9	7 27	8 17	7 52	16 52		n.a.	S 9
S 10	23 55	15 12	2 15	25 41	1 46	15 22	6 29	24 47	1 11	13 59	1 24	11 27	1 53	8 12	0 27	16 19	1 42	31 10	7 28	8 19	7 54	16 53		n.a.	S 10
M11	23 55	12 16	1 13	25 42	1 47	15 19	6 30	24 44	1 11	13 55	1 24	11 29	1 53	8 13	0 27	16 19	1 42	31 10	7 28	8 20	7 55	16 54		n.a.	M11
T 12	23 55	8 42	0 6	25 42	1 48	15 17	6 31	24 41	1 11	13 52	1 23	11 31	1 53	8 14	0 27	16 18	1 42	31 10	7 28	8 21	7 56	16 55		n.a.	T 12
W13	23 54	4 39	1n 3	25 38	1 48	15 16	6 31	24 37	1 11	13 48	1 23	11 32	1 53	8 14	0 27	16 18	1 42	31 10	7 28	8 21	7 57	16 56		n.a.	W13
T 14	23 53	0 17	2 10	25 33	1 48	15 15	6 30	24 34	1 11	13 44	1 23	11 34	1 53	8 15	0 27	16 17	1 42	31 10	7 28	8 21	7 59	16 57		n.a.	T 14
F 15	23 51	4s13	3 12	25 25	1 47	15 16	6 29	24 30	1 11	13 40	1 23	11 36	1 53	8 15	0 27	16 16	1 42	31 11	7 28	8 21	8 0	16 58		n.a.	F 15
S 16	23 49	8 38	4 4	25 16	1 46	15 17	6 28	24 26	1 11	13 37	1 23	11 37	1 53	8 16	0 27	16 16	1 42	31 11	7 28	8 22	8 1	16 59		n.a.	S 16
S 17	23 46	12 38	4 42	25 4	1 44	15 20	6 26	24 22	1 11	13 33	1 23	11 39	1 53	8 16	0 27	16 15	1 42	31 11	7 28	8 24	8 2	17 0		n.a.	S 17
M18	23 43	15 57	5 2	24 50	1 42	15 23	6 24	24 18	1 11	13 29	1 22	11 41	1 53	8 17	0 27	16 15	1 42	31 11	7 28	8 27	8 3	17 1		n.a.	M18
T 19	23 40	18 14	5 1	24 35	1 39	15 26	6 22	24 14	1 11	13 25	1 22	11 42	1 53	8 18	0 27	16 14	1 42	31 11	7 29	8 30	8 5	17 2		n.a.	T 19
W20	23 36	19 15	4 40	24 17	1 35	15 31	6 19	24 9	1 11	13 21	1 22	11 44	1 54	8 18	0 27	16 13	1 42	31 12	7 29	8 33	8 6	17 3		n.a.	W20
T 21	23 31	18 54	3 59	23 59	1 32	15 36	6 16	24 4	1 11	13 17	1 22	11 45	1 54	8 19	0 27	16 13	1 42	31 12	7 29	8 36	8 7	17 4		n.a.	T 21
F 22	23 27	17 15	3 3	23 38	1 28	15 41	6 12	24 0	1 11	13 13	1 22	11 47	1 54	8 19	0 27	16 12	1 42	31 12	7 29	8 39	8 8	17 5		n.a.	F 22
S 23	23 21	14 33	1 56	23 17	1 23	15 48	6 9	23 54	1 11	13 9	1 21	11 48	1 54	8 19	0 27	16 12	1 42	31 12	7 29	8 41	8 10	17 6		n.a.	S 23
S 24	23 16	11 4	0 44	22 53	1 19	15 55	6 5	23 49	1 10	13 5	1 21	11 50	1 54	8 20	0 27	16 11	1 42	31 13	7 29	8 41	8 11	17 7		n.a.	S 24
M25	23 10	7 7	0s28	22 29	1 14	16 2	6 1	23 43	1 10	13 1	1 21	11 51	1 54	8 20	0 27	16 10	1 42	31 13	7 29	8 41	8 12	17 8		n.a.	M25
T 26	23 3	2 58	1 36	22 4	1 9	16 10	5 56	23 38	1 10	12 57	1 21	11 53	1 54	8 21	0 28	16 10	1 42	31 13	7 30	8 41	8 13	17 9		n.a.	T 26
W27	22 56	1n12	2 38	21 37	1 3	16 18	5 52	23 32	1 10	12 53	1 21	11 54	1 54	8 21	0 28	16 9	1 42	31 13	7 30	8 41	8 14	17 10		n.a.	W27
T 28	22 49	5 12	3 31	21 9	0 57	16 27	5 47	23 26	1 10	12 49	1 21	11 55	1 55	8 21	0 28	16 8	1 42	31 14	7 30	8 41	8 16	17 11		n.a.	T 28
F 29	22 41	8 55	4 13	20 41	0 51	16 36	5 42	23 19	1 10	12 44	1 21	11 56	1 55	8 22	0 28	16 8	1 42	31 14	7 30	8 41	8 17	17 12		n.a.	F 29
S 30	22 33	12 14	4 44	20 11	0 45	16 45	5 37	23 13	1 10	12 40	1 20	11 58	1 55	8 22	0 28	16 7	1 42	31 14	7 30	8 42	8 18	17 13		n.a.	S 30
S 31	22n25	15n 1	5s 2	19n41	0n38	16n55	5s31	23n 6	1n10	12n36	1n20	11n59	1s55	8n22	0s28	16n 6	1n42	31n14	7n30	8n45	8n19	17n14		n.a.	S 31

Julian Day Number = 989278.5, Delta T = 13h04m26s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'31, Lahiri = -31°35'30 Julian Calendar 1 July 2005 BCE == Greg. Calendar 14 June 2005 BCE

The year -2004 astronomical counting style corresponds to year 2005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

AUGUST 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 31 37	20♋52'20	9♊ 1	7♌55	10♊22	23♋26	1♍ 9	6♉ 3	22♈10	21♌52	23♊17	7°R52	9♍ 2	9♊38	n.a.	M 1
T 2	19 35 34	21°51'01	20°55	9°28	10°55	24° 5	1°21	6° 7	22°11	21°54	23°19	7♍43	8°59	9°45	n.a.	T 2
W 3	19 39 30	22°49'45	2♋54	11° 1	11°29	24°44	1°32	6°11	22°11	21°56	23°21	7°35	8°56	9°51	n.a.	W 3
T 4	19 43 27	23°48'30	15° 0	12°32	12° 4	25°23	1°44	6°14	22°12	21°58	23°22	7°26	8°53	9°58	n.a.	T 4
F 5	19 47 23	24°47'18	27°14	14° 2	12°41	26° 3	1°56	6°18	22°13	22° 0	23°24	7°19	8°49	10° 5	n.a.	F 5
S 6	19 51 20	25°46'08	9♌38	15°32	13°19	26°42	2° 7	6°21	22°13	22° 2	23°25	7°14	8°46	10°11	n.a.	S 6
S 7	19 55 16	26°45'01	22°11	17° 0	13°58	27°21	2°19	6°25	22°14	22° 4	23°27	7°11	8°43	10°18	n.a.	S 7
M 8	19 59 13	27°43'55	4♍56	18°27	14°38	28° 1	2°31	6°28	22°14	22° 6	23°29	7°D10	8°40	10°25	n.a.	M 8
T 9	20 3 9	28°42'51	17°53	19°53	15°20	28°40	2°43	6°31	22°14	22° 9	23°30	7°10	8°37	10°32	n.a.	T 9
W10	20 7 6	29°41'49	1♎ 3	21°18	16° 2	29°19	2°55	6°34	22°15	22°11	23°32	7°12	8°33	10°38	n.a.	W10
T 11	20 11 2	0♌40'49	14°30	22°42	16°46	29°59	3° 7	6°37	22°15	22°13	23°33	7°13	8°30	10°45	n.a.	T 11
F 12	20 14 59	1°39'51	28°13	24° 4	17°30	0♌38	3°19	6°39	22°15	22°15	23°35	7°R14	8°27	10°52	n.a.	F 12
S 13	20 18 56	2°38'55	12♏13	25°26	18°16	1°18	3°32	6°42	22°15	22°17	23°36	7°14	8°24	10°58	n.a.	S 13
S 14	20 22 52	3°38'01	26°30	26°46	19° 2	1°57	3°44	6°45	22°15	22°19	23°38	7°12	8°21	11° 5	n.a.	S 14
M15	20 26 49	4°37'09	11♐ 2	28° 5	19°49	2°37	3°56	6°47	22°R15	22°21	23°39	7° 9	8°18	11°12	n.a.	M15
T 16	20 30 45	5°36'19	25°44	29°22	20°37	3°17	4° 9	6°50	22°15	22°23	23°41	7° 5	8°14	11°19	n.a.	T 16
W17	20 34 42	6°35'31	10♑29	0♍39	21°26	3°56	4°21	6°52	22°15	22°26	23°42	7° 0	8°11	11°25	n.a.	W17
T 18	20 38 38	7°34'45	25°11	1°53	22°16	4°36	4°33	6°54	22°15	22°28	23°44	6°56	8° 8	11°32	n.a.	T 18
F 19	20 42 35	8°34'01	9♒42	3° 6	23° 6	5°16	4°46	6°56	22°15	22°30	23°45	6°53	8° 5	11°39	n.a.	F 19
S 20	20 46 31	9°33'20	23°55	4°18	23°58	5°55	4°58	6°58	22°15	22°32	23°46	6°51	8° 2	11°46	n.a.	S 20
S 21	20 50 28	10°32'40	7♓47	5°27	24°49	6°35	5°11	7° 0	22°14	22°34	23°48	6°D50	7°59	11°52	n.a.	S 21
M22	20 54 24	11°32'03	21°14	6°35	25°42	7°15	5°24	7° 1	22°14	22°37	23°49	6°51	7°55	11°59	n.a.	M22
T 23	20 58 21	12°31'28	4♈17	7°40	26°35	7°55	5°36	7° 3	22°14	22°39	23°51	6°52	7°52	12° 6	n.a.	T 23
W24	21 2 18	13°30'56	16°59	8°43	27°29	8°35	5°49	7° 5	22°13	22°41	23°52	6°54	7°49	12°12	n.a.	W24
T 25	21 6 14	14°30'26	29°22	9°44	28°24	9°15	6° 2	7° 6	22°13	22°43	23°53	6°55	7°46	12°19	n.a.	T 25
F 26	21 10 11	15°29'59	11♉30	10°42	29°19	9°55	6°15	7° 7	22°12	22°45	23°54	6°R56	7°43	12°26	n.a.	F 26
S 27	21 14 7	16°29'35	23°28	11°38	0♋15	10°35	6°27	7° 8	22°11	22°48	23°56	6°56	7°39	12°33	n.a.	S 27
S 28	21 18 4	17°29'12	5♊21	12°30	1°11	11°15	6°40	7°10	22°11	22°50	23°57	6°55	7°36	12°39	n.a.	S 28
M29	21 22 0	18°28'52	17°14	13°18	2° 8	11°55	6°53	7°10	22°10	22°52	23°58	6°53	7°33	12°46	n.a.	M29
T 30	21 25 57	19°28'35	29°10	14° 3	3° 6	12°35	7° 6	7°11	22° 9	22°54	23°59	6°50	7°30	12°53	n.a.	T 30
W31	21 29 53	20♌28'20	11♋13	14♍44	4♋ 4	13♌15	7♍19	7♉12	22♈ 9	22♌57	24♊ 0	6♍48	7♍27	13♊ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	22n16	17n11	5s 7	19n10	0n32	17n 5	5s26	22n59	1n10	12n32	1n20	12n 0	1s55	8n23	0s28	16n 6	1n41	31n15	7n30	8n47	8n21	17n15			n.a.
T 2	22 6	18 37	4 59	18 38	0 25	17 15	5 20	22 52	1 10	12 27	1 20	12 1	1 55	8 23	0 28	16 5	1 41	31 15	7 31	8 51	8 22	17 16			n.a.
W 3	21 57	19 15	4 38	18 6	0 18	17 25	5 15	22 45	1 10	12 23	1 20	12 2	1 55	8 23	0 28	16 4	1 41	31 15	7 31	8 54	8 23	17 17			n.a.
T 4	21 47	19 1	4 5	17 33	0 11	17 36	5 9	22 38	1 10	12 19	1 20	12 3	1 56	8 23	0 28	16 4	1 41	31 16	7 31	8 57	8 24	17 18			n.a.
F 5	21 36	17 53	3 19	17 0	0 3	17 46	5 3	22 30	1 10	12 14	1 20	12 4	1 56	8 23	0 28	16 3	1 41	31 16	7 31	9 0	8 25	17 19			n.a.
S 6	21 25	15 54	2 24	16 26	0s 4	17 57	4 57	22 23	1 10	12 10	1 19	12 5	1 56	8 24	0 28	16 2	1 41	31 16	7 31	9 2	8 27	17 20			n.a.
S 7	21 14	13 8	1 20	15 52	0 11	18 8	4 51	22 15	1 9	12 5	1 19	12 6	1 56	8 24	0 28	16 2	1 41	31 16	7 32	9 3	8 28	17 21			n.a.
M 8	21 2	9 42	0 12	15 18	0 19	18 18	4 45	22 7	1 9	12 1	1 19	12 7	1 56	8 24	0 28	16 1	1 41	31 17	7 32	9 3	8 29	17 22			n.a.
T 9	20 50	5 46	0n58	14 43	0 27	18 29	4 38	21 58	1 9	11 56	1 19	12 8	1 56	8 24	0 28	16 0	1 41	31 17	7 32	9 3	8 30	17 23			n.a.
W10	20 37	1 30	2 6	14 9	0 34	18 40	4 32	21 50	1 9	11 52	1 19	12 9	1 56	8 24	0 28	15 59	1 41	31 17	7 32	9 3	8 31	17 24			n.a.
T 11	20 25	2s55	3 9	13 34	0 42	18 50	4 26	21 41	1 9	11 47	1 19	12 10	1 56	8 24	0 28	15 59	1 41	31 17	7 32	9 2	8 33	17 25			n.a.
F 12	20 11	7 17	4 3	12 59	0 50	19 1	4 19	21 32	1 9	11 42	1 19	12 11	1 57	8 24	0 28	15 58	1 41	31 18	7 33	9 2	8 34	17 26			n.a.
S 13	19 58	11 20	4 43	12 24	0 58	19 11	4 13	21 23	1 9	11 38	1 19	12 11	1 57	8 24	0 28	15 57	1 41	31 18	7 33	9 2	8 35	17 27			n.a.
S 14	19 44	14 48	5 7	11 49	1 6	19 22	4 7	21 14	1 9	11 33	1 18	12 12	1 57	8 24	0 28	15 57	1 41	31 18	7 33	9 2	8 36	17 28			n.a.
M15	19 30	17 25	5 11	11 14	1 14	19 32	4 0	21 5	1 9	11 28	1 18	12 13	1 57	8 24	0 28	15 56	1 41	31 19	7 33	9 4	8 38	17 29			n.a.
T 16	19 15	18 55	4 56	10 39	1 22	19 42	3 54	20 55	1 8	11 24	1 18	12 13	1 57	8 24	0 28	15 55	1 41	31 19	7 33	9 5	8 39	17 30			n.a.
W17	19 0	19 10	4 21	10 4	1 30	19 52	3 47	20 46	1 8	11 19	1 18	12 14	1 57	8 24	0 28	15 54	1 41	31 19	7 34	9 7	8 40	17 31			n.a.
T 18	18 45	18 7	3 29	9 30	1 37	20 1	3 41	20 36	1 8	11 14	1 18	12 15	1 58	8 24	0 28	15 54	1 41	31 19	7 34	9 9	8 41	17 32			n.a.
F 19	18 29	15 53	2 23	8 56	1 45	20 10	3 34	20 26	1 8	11 10	1 18	12 15	1 58	8 24	0 28	15 53	1 41	31 20	7 34	9 10	8 42	17 33			n.a.
S 20	18 13	12 43	1 10	8 23	1 53	20 19	3 28	20 16	1 8	11 5	1 18	12 16	1 58	8 24	0 28	15 52	1 41	31 20	7 34	9 11	8 44	17 34			n.a.
S 21	17 57	8 54	0s 5	7 50	2 0	20 28	3 21	20 6	1 8	11 0	1 18	12 16	1 58	8 24	0 28	15 51	1 41	31 20	7 34	9 11	8 45	17 35			n.a.
M22	17 40	4 44	1 18	7 18	2 8	20 37	3 15	19 55	1 8	10 55	1 18	12 17	1 58	8 24	0 28	15 51	1 41	31 21	7 35	9 10	8 46	17 36			n.a.
T 23	17 23	0 29	2 25	6 47	2 15	20 45	3 8	19 45	1 7	10 50	1 17	12 17	1 58	8 24	0 28	15 50	1 41	31 21	7 35	9 10	8 47	17 37			n.a.
W24	17 6	3n41	3 23	6 16	2 22	20 52	3 2	19 34	1 7	10 45	1 17	12 17	1 58	8 23	0 28	15 49	1 41	31 21	7 35	9 9	8 48	17 38			n.a.
T 25	16 49	7 35	4 10	5 47	2 29	21 0	2 55	19 23	1 7	10 41	1 17	12 18	1 59	8 23	0 28	15 49	1 41	31 22	7 35	9 9	8 50	17 39			n.a.
F 26	16 31	11 5	4 45	5 18	2 36	21 7	2 49	19 12	1 7	10 36	1 17	12 18	1 59	8 23	0 28	15 48	1 41	31 22	7 36	9 9	8 51	17 39			n.a.
S 27	16 13	14 4	5 7	4 51	2 42	21 13	2 42	19 1	1 7	10 31	1 17	12 18	1 59	8 23	0 28	15 47	1 41	31 22	7 36	9 9	8 52	17 40			n.a.
S 28	15 54	16 28	5 15	4 25	2 48	21 19	2 36	18 49	1 7	10 26	1 17	12 18	1 59	8 22	0 28	15 46	1 41	31 22	7 36	9 9	8 53	17 41			n.a.
M29	15 36	18 9	5 10	4 1	2 54	21 25	2 29	18 38	1 7	10 21	1 17	12 19	1 59	8 22	0 28	15 46	1 41	31 23	7 36	9 10	8 54	17 42			n.a.
T 30	15 17	19 3	4 52	3 39	2 59	21 30	2 23	18 26	1 6	10 16	1 17	12 19	1 59	8 22	0 28	15 45	1 41	31 23	7 37	9 11	8 56	17 43			n.a.
W31	14n57	19n 7	4s20	3n19	3s 4	21n35	2s16	18n14	1n 6	10n11	1n17	12n19	1s59	8n21	0s28	15n44	1n41	31n23	7n37	9n12	8n57	17n44			n.a.

Julian Day Number = 989309.5, Delta T = 13h04m24s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'26, Lahiri = -31°35'26 Julian Calendar 1 Aug. 2005 BCE == Greg. Calendar 15 July 2005 BCE

The year -2004 astronomical counting style corresponds to year 2005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

SEPTEMBER 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 33 50	21♌28'07	23♋26	15♍20	5♋ 2	13♌55	7♍32	7♉13	22°R 8	22♌59	24♊ 2	6°R45	7♍24	13♊ 6	n.a.	T 1
F 2	21 37 46	22°27'57	5♌52	15°51	6° 1	14°35	7°45	7°13	22♈ 7	23° 1	24° 3	6♍43	7°20	13°13	n.a.	F 2
S 3	21 41 43	23°27'49	18°31	16°16	7° 1	15°15	7°58	7°13	22° 6	23° 3	24° 4	6°42	7°17	13°20	n.a.	S 3
S 4	21 45 40	24°27'43	1♍24	16°35	8° 1	15°56	8°11	7°14	22° 5	23° 6	24° 5	6°D41	7°14	13°26	n.a.	S 4
M 5	21 49 36	25°27'39	14°30	16°48	9° 1	16°36	8°24	7°14	22° 4	23° 8	24° 6	6°41	7°11	13°33	n.a.	M 5
T 6	21 53 33	26°27'37	27°50	16°R54	10° 2	17°16	8°37	7°R14	22° 3	23°10	24° 7	6°42	7° 8	13°40	n.a.	T 6
W 7	21 57 29	27°27'37	11♎23	16°51	11° 3	17°57	8°50	7°14	22° 1	23°12	24° 8	6°43	7° 4	13°47	n.a.	W 7
T 8	22 1 26	28°27'39	25° 7	16°41	12° 4	18°37	9° 4	7°14	22° 0	23°15	24° 9	6°44	7° 1	13°53	n.a.	T 8
F 9	22 5 22	29°27'43	9♏ 1	16°22	13° 6	19°18	9°17	7°13	21°59	23°17	24°10	6°44	6°58	14° 0	n.a.	F 9
S 10	22 9 19	0♍27'49	23° 4	15°54	14° 9	19°58	9°30	7°13	21°58	23°19	24°11	6°45	6°55	14° 7	n.a.	S 10
S 11	22 13 15	1°27'56	7♐15	15°16	15°11	20°39	9°43	7°12	21°56	23°21	24°12	6°R45	6°52	14°13	n.a.	S 11
M12	22 17 12	2°28'05	21°30	14°30	16°14	21°19	9°56	7°12	21°55	23°24	24°13	6°44	6°49	14°20	n.a.	M12
T 13	22 21 8	3°28'16	5♑48	13°35	17°18	22° 0	10°10	7°11	21°54	23°26	24°13	6°44	6°45	14°27	n.a.	T 13
W14	22 25 5	4°28'29	20° 5	12°32	18°21	22°40	10°23	7°10	21°52	23°28	24°14	6°44	6°42	14°34	n.a.	W14
T 15	22 29 2	5°28'43	4♒18	11°23	19°26	23°21	10°36	7° 9	21°51	23°30	24°15	6°44	6°39	14°40	n.a.	T 15
F 16	22 32 58	6°28'59	18°21	10° 8	20°30	24° 2	10°49	7° 8	21°49	23°32	24°16	6°D43	6°36	14°47	n.a.	F 16
S 17	22 36 55	7°29'17	2♓13	8°51	21°35	24°42	11° 3	7° 7	21°48	23°35	24°16	6°R43	6°33	14°54	n.a.	S 17
S 18	22 40 51	8°29'37	15°48	7°33	22°40	25°23	11°16	7° 5	21°46	23°37	24°17	6°43	6°30	15° 1	n.a.	S 18
M19	22 44 48	9°29'58	29° 6	6°17	23°45	26° 4	11°29	7° 4	21°44	23°39	24°18	6°43	6°26	15° 7	n.a.	M19
T 20	22 48 44	10°30'22	12♈ 5	5° 4	24°50	26°45	11°43	7° 2	21°43	23°41	24°19	6°43	6°23	15°14	n.a.	T 20
W21	22 52 41	11°30'48	24°45	3°59	25°56	27°26	11°56	7° 1	21°41	23°43	24°19	6°42	6°20	15°21	n.a.	W21
T 22	22 56 37	12°31'15	7♉ 9	3° 1	27° 2	28° 6	12° 9	6°59	21°39	23°45	24°20	6°42	6°17	15°27	n.a.	T 22
F 23	23 0 34	13°31'45	19°19	2°14	28° 9	28°47	12°23	6°57	21°37	23°48	24°20	6°41	6°14	15°34	n.a.	F 23
S 24	23 4 30	14°32'17	1♊19	1°38	29°15	29°28	12°36	6°55	21°35	23°50	24°21	6°40	6°10	15°41	n.a.	S 24
S 25	23 8 27	15°32'51	13°13	1°13	0♌22	0♍ 9	12°49	6°53	21°33	23°52	24°21	6°D40	6° 7	15°48	n.a.	S 25
M26	23 12 24	16°33'27	25° 5	1° 0	1°29	0°50	13° 2	6°51	21°31	23°54	24°22	6°40	6° 4	15°54	n.a.	M26
T 27	23 16 20	17°34'05	7♋ 1	0°D58	2°37	1°32	13°16	6°49	21°29	23°56	24°22	6°41	6° 1	16° 1	n.a.	T 27
W28	23 20 17	18°34'45	19° 5	1° 8	3°44	2°13	13°29	6°46	21°27	23°58	24°23	6°42	5°58	16° 8	n.a.	W28
T 29	23 24 13	19°35'27	1♌22	1°28	4°52	2°54	13°42	6°44	21°25	24° 0	24°23	6°43	5°55	16°15	n.a.	T 29
F 30	23 28 10	20♍36'10	13♌54	1♍57	6♌ 0	3♍35	13♍56	6♉41	21♈23	24♌ 2	24♊24	6♍44	5♍51	16♊21	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n38	18n17	3s37	3n 1	3s 8	21n39	2s10	18n 2	1n 6	10n 6	1n17	12n19	2s 0	8n21	0s28	15n43	1n41	31n24	7n37	9n13	8n58	17n45		n.a.
F 2	14 18	16 34	2 42	2 45	3 12	21 43	2 4	17 50	1 6	10 1	1 17	12 19	2 0	8 21	0 28	15 43	1 41	31 24	7 37	9 13	8 59	17 46		n.a.
S 3	13 58	14 1	1 39	2 33	3 14	21 46	1 58	17 38	1 6	9 56	1 17	12 19	2 0	8 20	0 28	15 42	1 41	31 24	7 38	9 14	9 0	17 47		n.a.
S 4	13 38	10 44	0 29	2 23	3 16	21 49	1 51	17 25	1 5	9 51	1 17	12 19	2 0	8 20	0 28	15 41	1 41	31 25	7 38	9 14	9 2	17 48		n.a.
M 5	13 17	6 53	0n43	2 18	3 17	21 51	1 45	17 13	1 5	9 46	1 17	12 19	2 0	8 20	0 28	15 40	1 41	31 25	7 38	9 14	9 3	17 49		n.a.
T 6	12 57	2 37	1 55	2 16	3 17	21 53	1 39	17 0	1 5	9 41	1 16	12 19	2 0	8 19	0 28	15 40	1 41	31 25	7 38	9 14	9 4	17 50		n.a.
W 7	12 36	1s50	3 1	2 18	3 16	21 54	1 33	16 47	1 5	9 36	1 16	12 18	2 1	8 19	0 28	15 39	1 41	31 26	7 39	9 14	9 5	17 50		n.a.
T 8	12 15	6 14	3 57	2 24	3 13	21 55	1 27	16 34	1 5	9 30	1 16	12 18	2 1	8 18	0 28	15 38	1 41	31 26	7 39	9 13	9 6	17 51		n.a.
F 9	11 53	10 22	4 41	2 36	3 8	21 55	1 21	16 21	1 4	9 25	1 16	12 18	2 1	8 18	0 28	15 37	1 41	31 26	7 39	9 13	9 8	17 52		n.a.
S 10	11 32	13 57	5 8	2 53	3 3	21 54	1 15	16 8	1 4	9 20	1 16	12 18	2 1	8 17	0 28	15 37	1 41	31 26	7 39	9 13	9 9	17 53		n.a.
S 11	11 10	16 45	5 17	3 14	2 55	21 53	1 9	15 55	1 4	9 15	1 16	12 17	2 1	8 17	0 28	15 36	1 41	31 27	7 40	9 13	9 10	17 54		n.a.
M12	10 48	18 33	5 7	3 41	2 45	21 52	1 4	15 41	1 4	9 10	1 16	12 17	2 1	8 16	0 28	15 35	1 41	31 27	7 40	9 13	9 11	17 55		n.a.
T 13	10 26	19 10	4 37	4 14	2 33	21 49	0 58	15 28	1 4	9 5	1 16	12 17	2 1	8 16	0 28	15 34	1 41	31 27	7 40	9 13	9 12	17 56		n.a.
W14	10 4	18 35	3 51	4 50	2 20	21 46	0 52	15 14	1 3	9 0	1 16	12 16	2 2	8 15	0 28	15 34	1 41	31 28	7 41	9 13	9 14	17 57		n.a.
T 15	9 41	16 49	2 50	5 32	2 4	21 43	0 47	15 0	1 3	8 54	1 16	12 16	2 2	8 15	0 28	15 33	1 41	31 28	7 41	9 13	9 15	17 58		n.a.
F 16	9 19	14 3	1 40	6 16	1 47	21 39	0 41	14 46	1 3	8 49	1 16	12 15	2 2	8 14	0 28	15 32	1 41	31 28	7 41	9 13	9 16	17 58		n.a.
S 17	8 56	10 31	0 25	7 3	1 29	21 34	0 36	14 32	1 3	8 44	1 16	12 15	2 2	8 13	0 28	15 31	1 41	31 29	7 41	9 13	9 17	17 59		n.a.
S 18	8 33	6 29	0s50	7 51	1 9	21 28	0 30	14 18	1 2	8 39	1 16	12 14	2 2	8 13	0 28	15 31	1 42	31 29	7 42	9 13	9 18	18 0		n.a.
M19	8 10	2 13	2 1	8 38	0 49	21 22	0 25	14 3	1 2	8 34	1 16	12 14	2 2	8 12	0 28	15 30	1 42	31 29	7 42	9 13	9 20	18 1		n.a.
T 20	7 47	2n 3	3 4	9 24	0 28	21 16	0 20	13 49	1 2	8 29	1 16	12 13	2 2	8 11	0 28	15 29	1 42	31 30	7 42	9 13	9 21	18 2		n.a.
W21	7 23	6 7	3 56	10 8	0 8	21 9	0 15	13 34	1 2	8 23	1 16	12 12	2 2	8 11	0 28	15 29	1 42	31 30	7 43	9 14	9 22	18 3		n.a.
T 22	7 0	9 50	4 36	10 47	0n12	21 1	0 10	13 20	1 1	8 18	1 16	12 12	2 3	8 10	0 28	15 28	1 42	31 30	7 43	9 14	9 23	18 4		n.a.
F 23	6 36	13 4	5 3	11 22	0 31	20 52	0 5	13 5	1 1	8 13	1 16	12 11	2 3	8 9	0 28	15 27	1 42	31 31	7 43	9 14	9 24	18 5		n.a.
S 24	6 12	15 41	5 16	11 52	0 48	20 43	0n 0	12 50	1 1	8 8	1 16	12 10	2 3	8 9	0 28	15 26	1 42	31 31	7 43	9 14	9 26	18 5		n.a.
S 25	5 48	17 38	5 15	12 15	1 4	20 33	0 5	12 35	1 1	8 3	1 16	12 9	2 3	8 8	0 28	15 26	1 42	31 31	7 44	9 15	9 27	18 6		n.a.
M26	5 25	18 49	5 1	12 33	1 18	20 23	0 10	12 20	1 0	7 57	1 16	12 8	2 3	8 7	0 28	15 25	1 42	31 32	7 44	9 14	9 28	18 7		n.a.
T 27	5 0	19 11	4 34	12 46	1 31	20 12	0 14	12 5	1 0	7 52	1 16	12 8	2 3	8 6	0 28	15 24	1 42	31 32	7 44	9 14	9 29	18 8		n.a.
W28	4 36	18 40	3 54	12 52	1 42	20 1	0 19	11 49	1 0	7 47	1 16	12 7	2 3	8 6	0 28	15 24	1 42	31 32	7 45	9 14	9 30	18 9		n.a.
T 29	4 12	17 17	3 4	12 54	1 51	19 48	0 23	11 34	0 59	7 42	1 16	12 6	2 3	8 5	0 28	15 23	1 42	31 32	7 45	9 13	9 32	18 10		n.a.
F 30	3n48	15n 2	2s 3	12n50	1n59	19n36	0n28	11n19	0n59	7n36	1n16	12n 5	2s 3	8n 4	0s28	15n22	1n42	31n33	7n45	9n13	9n33	18n10		n.a.

Julian Day Number = 989340.5, Delta T = 13h04m22s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'22, Lahiri = -31°35'22 Julian Calendar 1 Sept. 2005 BCE == Greg. Calendar 15 Aug. 2005 BCE

The year -2004 astronomical counting style corresponds to year 2005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

OCTOBER 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 32 6	21♍36'55	26♌44	2♍35	7♌ 9	4♍16	14♍ 9	6°R38	21°R21	24♌ 4	24♊24	6♍45	5♍48	16♊28	n.a.	S 1
S 2	23 36 3	22°37'42	9♍54	3°21	8°17	4°58	14°22	6♉36	21♈19	24° 6	24°24	6°R45	5°45	16°35	n.a.	S 2
M 3	23 39 59	23°38'31	23°24	4°13	9°26	5°39	14°35	6°33	21°17	24° 8	24°25	6°45	5°42	16°41	n.a.	M 3
T 4	23 43 56	24°39'21	7♎11	5°12	10°35	6°20	14°49	6°30	21°15	24°10	24°25	6°43	5°39	16°48	n.a.	T 4
W 5	23 47 53	25°40'13	21°13	6°15	11°44	7° 2	15° 2	6°27	21°13	24°12	24°25	6°41	5°35	16°55	n.a.	W 5
T 6	23 51 49	26°41'06	5♏25	7°24	12°53	7°43	15°15	6°23	21°10	24°14	24°25	6°38	5°32	17° 2	n.a.	T 6
F 7	23 55 46	27°42'00	19°43	8°36	14° 2	8°25	15°28	6°20	21° 8	24°16	24°25	6°35	5°29	17° 8	n.a.	F 7
S 8	23 59 42	28°42'55	4♐ 2	9°52	15°12	9° 6	15°41	6°17	21° 6	24°18	24°26	6°33	5°26	17°15	n.a.	S 8
S 9	0 3 39	29°43'52	18°19	11°10	16°22	9°48	15°55	6°13	21° 3	24°20	24°26	6°31	5°23	17°22	n.a.	S 9
M10	0 7 35	0♑44'49	2♑30	12°31	17°31	10°29	16° 8	6°10	21° 1	24°22	24°26	6°D31	5°20	17°28	n.a.	M10
T 11	0 11 32	1°45'48	16°34	13°54	18°42	11°11	16°21	6° 6	20°59	24°24	24°26	6°31	5°16	17°35	n.a.	T 11
W12	0 15 28	2°46'47	0♒29	15°19	19°52	11°52	16°34	6° 3	20°56	24°26	24°26	6°33	5°13	17°42	n.a.	W12
T 13	0 19 25	3°47'48	14°14	16°45	21° 2	12°34	16°47	5°59	20°54	24°28	24°R26	6°34	5°10	17°49	n.a.	T 13
F 14	0 23 22	4°48'49	27°49	18°12	22°13	13°16	17° 0	5°55	20°51	24°30	24°26	6°36	5° 7	17°55	n.a.	F 14
S 15	0 27 18	5°49'51	11♓13	19°40	23°23	13°58	17°13	5°51	20°49	24°31	24°26	6°R36	5° 4	18° 2	n.a.	S 15
S 16	0 31 15	6°50'55	24°25	21°10	24°34	14°39	17°26	5°47	20°47	24°33	24°26	6°34	5° 1	18° 9	n.a.	S 16
M17	0 35 11	7°51'59	7♈25	22°40	25°45	15°21	17°39	5°43	20°44	24°35	24°26	6°31	4°57	18°15	n.a.	M17
T 18	0 39 8	8°53'04	20°11	24°10	26°56	16° 3	17°52	5°39	20°42	24°37	24°26	6°27	4°54	18°22	n.a.	T 18
W19	0 43 4	9°54'11	2♉43	25°41	28° 7	16°45	18° 5	5°35	20°39	24°38	24°25	6°21	4°51	18°29	n.a.	W19
T 20	0 47 1	10°55'18	15° 3	27°13	29°18	17°27	18°17	5°30	20°37	24°40	24°25	6°15	4°48	18°36	n.a.	T 20
F 21	0 50 57	11°56'27	27°11	28°44	0♍30	18° 9	18°30	5°26	20°34	24°42	24°25	6° 8	4°45	18°42	n.a.	F 21
S 22	0 54 54	12°57'37	9♊10	0♎16	1°41	18°51	18°43	5°22	20°32	24°43	24°25	6° 2	4°41	18°49	n.a.	S 22
S 23	0 58 51	13°58'47	21° 3	1°49	2°53	19°33	18°56	5°17	20°29	24°45	24°24	5°58	4°38	18°56	n.a.	S 23
M24	1 2 47	14°59'59	2♋54	3°21	4° 5	20°15	19° 8	5°13	20°26	24°47	24°24	5°55	4°35	19° 3	n.a.	M24
T 25	1 6 44	16° 1'12	14°48	4°54	5°17	20°57	19°21	5° 8	20°24	24°48	24°24	5°D54	4°32	19° 9	n.a.	T 25
W26	1 10 40	17° 2'26	26°49	6°27	6°29	21°39	19°34	5° 3	20°21	24°50	24°23	5°55	4°29	19°16	n.a.	W26
T 27	1 14 37	18° 3'41	9♌ 3	7°59	7°41	22°22	19°46	4°59	20°19	24°51	24°23	5°56	4°26	19°23	n.a.	T 27
F 28	1 18 33	19° 4'57	21°35	9°32	8°53	23° 4	19°59	4°54	20°16	24°53	24°23	5°58	4°22	19°29	n.a.	F 28
S 29	1 22 30	20° 6'14	4♍28	11° 6	10° 5	23°46	20°11	4°49	20°14	24°54	24°22	5°R59	4°19	19°36	n.a.	S 29
S 30	1 26 26	21° 7'32	17°46	12°39	11°18	24°29	20°23	4°45	20°11	24°56	24°22	5°58	4°16	19°43	n.a.	S 30
M31	1 30 23	22♎ 8'50	1♎29	14♎12	12♍30	25♍11	20♍36	4♉40	20♈ 9	24♌57	24♊21	5♍55	4♍13	19♊50	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n23	11n59	0s55	12n42	2n 5	19n22	0n32	11n 3	0n59	7n31	1n16	12n 4	2s 4	8n 3	0s28	15n22	1n42	31n33	7n46	9n13	9n34	18n11		n.a.
S 2	2 59	8 17	0n17	12 29	2 10	19 8	0 36	10 47	0 59	7 26	1 16	12 3	2 4	8 2	0 28	15 21	1 42	31 33	7 46	9 13	9 35	18 12		n.a.
M 3	2 34	4 3	1 31	12 13	2 13	18 54	0 40	10 32	0 58	7 21	1 16	12 2	2 4	8 2	0 28	15 20	1 42	31 34	7 46	9 13	9 36	18 13		n.a.
T 4	2 10	0s28	2 40	11 53	2 15	18 39	0 44	10 16	0 58	7 16	1 16	12 1	2 4	8 1	0 28	15 20	1 42	31 34	7 46	9 13	9 38	18 14		n.a.
W 5	1 45	5 2	3 41	11 30	2 17	18 23	0 48	10 0	0 58	7 10	1 16	12 0	2 4	8 0	0 28	15 19	1 42	31 34	7 47	9 14	9 39	18 15		n.a.
T 6	1 21	9 22	4 29	11 5	2 17	18 7	0 52	9 44	0 57	7 5	1 16	11 58	2 4	7 59	0 28	15 18	1 42	31 35	7 47	9 15	9 40	18 15		n.a.
F 7	0 56	13 11	5 1	10 37	2 16	17 50	0 56	9 28	0 57	7 0	1 16	11 57	2 4	7 58	0 28	15 18	1 42	31 35	7 47	9 16	9 41	18 16		n.a.
S 8	0 31	16 14	5 14	10 6	2 15	17 33	0 59	9 11	0 57	6 55	1 16	11 56	2 4	7 57	0 28	15 17	1 42	31 35	7 48	9 17	9 42	18 17		n.a.
S 9	0 7	18 17	5 8	9 34	2 13	17 15	1 3	8 55	0 56	6 50	1 16	11 55	2 4	7 56	0 28	15 17	1 42	31 36	7 48	9 18	9 44	18 18		n.a.
M10	0s18	19 11	4 43	9 0	2 10	16 56	1 6	8 39	0 56	6 44	1 16	11 54	2 4	7 56	0 28	15 16	1 42	31 36	7 48	9 18	9 45	18 19		n.a.
T 11	0 43	18 53	4 1	8 24	2 7	16 37	1 9	8 22	0 56	6 39	1 16	11 52	2 4	7 55	0 28	15 15	1 42	31 36	7 48	9 18	9 46	18 19		n.a.
W12	1 8	17 26	3 5	7 47	2 3	16 18	1 13	8 6	0 55	6 34	1 16	11 51	2 4	7 54	0 28	15 15	1 42	31 36	7 49	9 17	9 47	18 20		n.a.
T 13	1 32	14 59	2 0	7 9	1 59	15 58	1 16	7 49	0 55	6 29	1 16	11 50	2 4	7 53	0 28	15 14	1 42	31 37	7 49	9 17	9 48	18 21		n.a.
F 14	1 57	11 43	0 48	6 31	1 55	15 37	1 19	7 33	0 55	6 24	1 16	11 48	2 5	7 52	0 28	15 14	1 42	31 37	7 49	9 16	9 49	18 22		n.a.
S 15	2 22	7 53	0s25	5 51	1 50	15 16	1 22	7 16	0 54	6 19	1 16	11 47	2 5	7 51	0 28	15 13	1 42	31 37	7 50	9 16	9 51	18 23		n.a.
S 16	2 46	3 43	1 36	5 10	1 45	14 55	1 24	6 59	0 54	6 14	1 16	11 46	2 5	7 50	0 28	15 12	1 42	31 38	7 50	9 17	9 52	18 23		n.a.
M17	3 11	0n33	2 41	4 29	1 39	14 33	1 27	6 42	0 54	6 8	1 16	11 44	2 5	7 49	0 28	15 12	1 43	31 38	7 50	9 18	9 53	18 24		n.a.
T 18	3 35	4 43	3 36	3 47	1 33	14 11	1 30	6 25	0 53	6 3	1 16	11 43	2 5	7 48	0 28	15 11	1 43	31 38	7 51	9 19	9 54	18 25		n.a.
W19	4 0	8 37	4 19	3 5	1 28	13 48	1 32	6 9	0 53	5 58	1 16	11 41	2 5	7 47	0 28	15 11	1 43	31 39	7 51	9 22	9 55	18 26		n.a.
T 20	4 24	12 4	4 50	2 22	1 22	13 25	1 34	5 51	0 52	5 53	1 16	11 40	2 5	7 46	0 28	15 10	1 43	31 39	7 51	9 24	9 57	18 27		n.a.
F 21	4 49	14 57	5 7	1 40	1 15	13 1	1 37	5 34	0 52	5 48	1 16	11 38	2 5	7 45	0 28	15 10	1 43	31 39	7 51	9 27	9 58	18 27		n.a.
S 22	5 13	17 10	5 10	0 56	1 9	12 37	1 39	5 17	0 52	5 43	1 16	11 37	2 5	7 44	0 28	15 9	1 43	31 39	7 52	9 29	9 59	18 28		n.a.
S 23	5 37	18 37	5 0	0 13	1 3	12 13	1 41	5 0	0 51	5 38	1 16	11 35	2 5	7 43	0 28	15 9	1 43	31 40	7 52	9 30	10 0	18 29		n.a.
M24	6 1	19 16	4 37	0s30	0 56	11 48	1 43	4 43	0 51	5 33	1 17	11 34	2 5	7 42	0 28	15 8	1 43	31 40	7 52	9 31	10 1	18 30		n.a.
T 25	6 26	19 4	4 2	1 14	0 50	11 23	1 45	4 26	0 51	5 28	1 17	11 32	2 5	7 41	0 28	15 8	1 43	31 40	7 53	9 32	10 3	18 30		n.a.
W26	6 49	18 0	3 16	1 57	0 43	10 57	1 46	4 8	0 50	5 23	1 17	11 31	2 5	7 40	0 28	15 7	1 43	31 40	7 53	9 32	10 4	18 31		n.a.
T 27	7 13	16 6	2 21	2 41	0 36	10 31	1 48	3 51	0 50	5 18	1 17	11 29	2 5	7 39	0 28	15 7	1 43	31 41	7 53	9 31	10 5	18 32		n.a.
F 28	7 37	13 23	1 17	3 24	0 30	10 5	1 50	3 33	0 49	5 13	1 17	11 28	2 5	7 38	0 28	15 6	1 43	31 41	7 53	9 30	10 6	18 33		n.a.
S 29	8 1	9 56	0 8	4 8	0 23	9 39	1 51	3 16	0 49	5 8	1 17	11 26	2 5	7 37	0 28	15 6	1 43	31 41	7 54	9 30	10 7	18 33		n.a.
S 30	8 24	5 54	1n 3	4 51	0 16	9 12	1 52	2 59	0 48	5 3	1 17	11 24	2 5	7 36	0 28	15 5	1 43	31 42	7 54	9 30	10 8	18 34		n.a.
M31	8s48	1n26	2n13	5s34	0n10	8n45	1n54	2n41	0n48	4n58	1n17	11n23	2s 5	7n35	0s28	15n 5	1n43	31n42	7n54	9n31	10n10	18n35		n.a.

Julian Day Number = 989370.5, Delta T = 13h04m20s
Ecliptic obliquity = 23°55'21, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'18, Lahiri = -31°35'18 Julian Calendar 1 Oct. 2005 BCE == Greg. Calendar 14 Sept. 2005 BCE

The year -2004 astronomical counting style corresponds to year 2005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

NOVEMBER 2005 BCE (-2004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 34 20	23♎10'09	15♎37	15♎46	13♍43	25♍53	20♍48	4°R35	20°R 6	24♌58	24°R21	5°R50	4♍10	19♊56	n.a.	T 1
W 2	1 38 16	24°11'28	0♏ 5	17°19	14°55	26°36	21° 0	4♉30	20♈ 3	25° 0	24♊20	5♍43	4° 6	20° 3	n.a.	W 2
T 3	1 42 13	25°12'48	14°47	18°53	16° 8	27°18	21°13	4°25	20° 1	25° 1	24°19	5°35	4° 3	20°10	n.a.	T 3
F 4	1 46 9	26°14'08	29°35	20°27	17°21	28° 1	21°25	4°20	19°58	25° 2	24°19	5°27	4° 0	20°16	n.a.	F 4
S 5	1 50 6	27°15'28	14♐21	22° 1	18°34	28°43	21°37	4°15	19°56	25° 4	24°18	5°19	3°57	20°23	n.a.	S 5
S 6	1 54 2	28°16'49	28°57	23°35	19°47	29°26	21°49	4°10	19°53	25° 5	24°18	5°14	3°54	20°30	n.a.	S 6
M 7	1 57 59	29°18'09	13♑18	25° 9	21° 0	0♎ 8	22° 1	4° 5	19°51	25° 6	24°17	5°10	3°51	20°37	n.a.	M 7
T 8	2 1 56	0♏19'30	27°23	26°44	22°13	0°51	22°12	4° 0	19°48	25° 7	24°16	5°D 9	3°47	20°43	n.a.	T 8
W 9	2 5 52	1°20'50	11♒ 9	28°19	23°26	1°34	22°24	3°55	19°46	25° 9	24°15	5° 9	3°44	20°50	n.a.	W 9
T 10	2 9 49	2°22'10	24°39	29°53	24°39	2°17	22°36	3°50	19°43	25°10	24°15	5°10	3°41	20°57	n.a.	T 10
F 11	2 13 45	3°23'30	7♓53	1♏29	25°52	2°59	22°48	3°45	19°41	25°11	24°14	5°R11	3°38	21° 3	n.a.	F 11
S 12	2 17 42	4°24'49	20°54	3° 4	27° 5	3°42	22°59	3°40	19°38	25°12	24°13	5° 9	3°35	21°10	n.a.	S 12
S 13	2 21 38	5°26'08	3♈44	4°40	28°19	4°25	23°11	3°35	19°36	25°13	24°12	5° 6	3°32	21°17	n.a.	S 13
M14	2 25 35	6°27'27	16°22	6°16	29°32	5° 8	23°22	3°30	19°33	25°14	24°11	4°59	3°28	21°24	n.a.	M14
T 15	2 29 31	7°28'46	28°51	7°52	0♎45	5°51	23°34	3°25	19°31	25°15	24°10	4°50	3°25	21°30	n.a.	T 15
W16	2 33 28	8°30'05	11♉11	9°28	1°59	6°34	23°45	3°20	19°29	25°16	24°10	4°38	3°22	21°37	n.a.	W16
T 17	2 37 25	9°31'24	23°22	11° 5	3°12	7°17	23°56	3°15	19°26	25°17	24° 9	4°25	3°19	21°44	n.a.	T 17
F 18	2 41 21	10°32'43	5♊25	12°43	4°26	8° 0	24° 7	3°10	19°24	25°18	24° 8	4°12	3°16	21°50	n.a.	F 18
S 19	2 45 18	11°34'01	17°21	14°20	5°40	8°43	24°18	3° 5	19°22	25°18	24° 7	4° 0	3°12	21°57	n.a.	S 19
S 20	2 49 14	12°35'20	29°13	15°58	6°53	9°26	24°29	3° 1	19°19	25°19	24° 6	3°50	3° 9	22° 4	n.a.	S 20
M21	2 53 11	13°36'38	11♋ 3	17°36	8° 7	10° 9	24°40	2°56	19°17	25°20	24° 5	3°42	3° 6	22°11	n.a.	M21
T 22	2 57 7	14°37'56	22°55	19°15	9°21	10°52	24°51	2°51	19°15	25°21	24° 4	3°38	3° 3	22°17	n.a.	T 22
W23	3 1 4	15°39'14	4♌53	20°54	10°34	11°35	25° 1	2°46	19°12	25°22	24° 3	3°35	3° 0	22°24	n.a.	W23
T 24	3 5 1	16°40'32	17° 2	22°33	11°48	12°18	25°12	2°41	19°10	25°22	24° 1	3°D35	2°57	22°31	n.a.	T 24
F 25	3 8 57	17°41'50	29°29	24°13	13° 2	13° 2	25°23	2°36	19° 8	25°23	24° 0	3°R35	2°53	22°37	n.a.	F 25
S 26	3 12 54	18°43'07	12♍17	25°53	14°16	13°45	25°33	2°32	19° 6	25°23	23°59	3°35	2°50	22°44	n.a.	S 26
S 27	3 16 50	19°44'24	25°31	27°33	15°30	14°28	25°43	2°27	19° 4	25°24	23°58	3°33	2°47	22°51	n.a.	S 27
M28	3 20 47	20°45'40	9♎15	29°14	16°44	15°12	25°54	2°22	19° 2	25°25	23°57	3°29	2°44	22°58	n.a.	M28
T 29	3 24 43	21°46'57	23°29	0♐55	17°58	15°55	26° 4	2°18	19° 0	25°25	23°56	3°22	2°41	23° 4	n.a.	T 29
W30	3 28 40	22♏48'12	8♏ 9	2♐35	19♎12	16♎38	26♍14	2♉13	18♈58	25♌26	23♊55	3♍12	2♍38	23♊11	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s11	3s15	3n17	6s17	0n 3	8n17	1n55	2n23	0n48	4n54	1n17	11n21	2s 5	7n35	0s28	15n 5	1n43	31n42	7n55	9n33	10n11	18n36		n.a.
W 2	9 34	7 50	4 10	6 59	0s 4	7 50	1 56	2 6	0 47	4 49	1 17	11 20	2 5	7 34	0 28	15 4	1 43	31 42	7 55	9 36	10 12	18 36		n.a.
T 3	9 57	12 2	4 47	7 42	0 10	7 22	1 57	1 48	0 47	4 44	1 17	11 18	2 5	7 33	0 28	15 4	1 43	31 43	7 55	9 39	10 13	18 37		n.a.
F 4	10 20	15 30	5 5	8 24	0 17	6 53	1 57	1 31	0 46	4 39	1 17	11 16	2 5	7 32	0 28	15 3	1 43	31 43	7 55	9 42	10 14	18 38		n.a.
S 5	10 42	17 58	5 3	9 6	0 23	6 25	1 58	1 13	0 46	4 34	1 17	11 15	2 5	7 31	0 28	15 3	1 44	31 43	7 56	9 45	10 15	18 39		n.a.
S 6	11 5	19 14	4 41	9 47	0 29	5 56	1 59	0 55	0 45	4 30	1 18	11 13	2 5	7 30	0 28	15 3	1 44	31 43	7 56	9 47	10 17	18 39		n.a.
M 7	11 27	19 14	4 2	10 28	0 36	5 28	1 59	0 38	0 45	4 25	1 18	11 11	2 4	7 29	0 28	15 2	1 44	31 43	7 56	9 48	10 18	18 40		n.a.
T 8	11 49	18 2	3 8	11 9	0 42	4 59	2 0	0 20	0 44	4 20	1 18	11 10	2 4	7 28	0 28	15 2	1 44	31 44	7 56	9 49	10 19	18 41		n.a.
W 9	12 11	15 46	2 5	11 50	0 48	4 29	2 0	0 2	0 44	4 16	1 18	11 8	2 4	7 27	0 28	15 2	1 44	31 44	7 57	9 49	10 20	18 41		n.a.
T 10	12 32	12 41	0 56	12 29	0 53	4 0	2 0	0s16	0 43	4 11	1 18	11 6	2 4	7 26	0 28	15 1	1 44	31 44	7 57	9 48	10 21	18 42		n.a.
F 11	12 54	9 0	0s15	13 9	0 59	3 30	2 0	0 33	0 43	4 6	1 18	11 5	2 4	7 25	0 28	15 1	1 44	31 44	7 57	9 48	10 23	18 43		n.a.
S 12	13 15	4 57	1 23	13 48	1 5	3 1	2 0	0 51	0 42	4 2	1 18	11 3	2 4	7 24	0 28	15 1	1 44	31 45	7 58	9 49	10 24	18 44		n.a.
S 13	13 36	0 43	2 26	14 26	1 10	2 31	2 0	1 9	0 42	3 57	1 18	11 1	2 4	7 23	0 28	15 0	1 44	31 45	7 58	9 50	10 25	18 44		n.a.
M14	13 57	3n29	3 21	15 4	1 15	2 1	2 0	1 27	0 41	3 53	1 18	11 0	2 4	7 22	0 28	15 0	1 44	31 45	7 58	9 52	10 26	18 45		n.a.
T 15	14 17	7 28	4 5	15 41	1 20	1 31	2 0	1 45	0 41	3 48	1 18	10 58	2 4	7 21	0 28	15 0	1 44	31 45	7 58	9 56	10 27	18 46		n.a.
W16	14 37	11 6	4 38	16 17	1 25	1 1	2 0	2 2	0 40	3 44	1 19	10 57	2 4	7 20	0 28	14 59	1 44	31 45	7 59	10 0	10 28	18 46		n.a.
T 17	14 57	14 12	4 57	16 53	1 30	0 31	1 59	2 20	0 40	3 39	1 19	10 55	2 4	7 19	0 28	14 59	1 44	31 46	7 59	10 5	10 30	18 47		n.a.
F 18	15 17	16 41	5 2	17 28	1 34	0 1	1 59	2 38	0 39	3 35	1 19	10 53	2 3	7 19	0 28	14 59	1 44	31 46	7 59	10 10	10 31	18 48		n.a.
S 19	15 36	18 26	4 54	18 2	1 38	0s29	1 58	2 56	0 39	3 31	1 19	10 52	2 3	7 18	0 28	14 59	1 44	31 46	7 59	10 14	10 32	18 48		n.a.
S 20	15 56	19 22	4 33	18 35	1 42	1 0	1 57	3 13	0 38	3 26	1 19	10 50	2 3	7 17	0 28	14 58	1 44	31 46	7 59	10 18	10 33	18 49		n.a.
M21	16 14	19 27	4 1	19 7	1 46	1 30	1 57	3 31	0 38	3 22	1 19	10 49	2 3	7 16	0 28	14 58	1 45	31 46	8 0	10 21	10 34	18 50		n.a.
T 22	16 33	18 41	3 18	19 38	1 49	2 0	1 56	3 49	0 37	3 18	1 19	10 47	2 3	7 15	0 28	14 58	1 45	31 47	8 0	10 23	10 35	18 50		n.a.
W23	16 51	17 4	2 26	20 9	1 52	2 31	1 55	4 7	0 37	3 14	1 19	10 45	2 3	7 14	0 28	14 58	1 45	31 47	8 0	10 24	10 37	18 51		n.a.
T 24	17 9	14 40	1 27	20 38	1 55	3 1	1 54	4 24	0 36	3 9	1 20	10 44	2 3	7 13	0 28	14 58	1 45	31 47	8 0	10 24	10 38	18 52		n.a.
F 25	17 27	11 33	0 22	21 6	1 57	3 31	1 53	4 42	0 35	3 5	1 20	10 42	2 3	7 13	0 28	14 58	1 45	31 47	8 1	10 24	10 39	18 53		n.a.
S 26	17 44	7 48	0n46	21 33	1 59	4 1	1 52	5 0	0 35	3 1	1 20	10 41	2 2	7 12	0 28	14 57	1 45	31 47	8 1	10 24	10 40	18 53		n.a.
S 27	18 2	3 33	1 53	21 58	2 1	4 32	1 50	5 17	0 34	2 57	1 20	10 39	2 2	7 11	0 28	14 57	1 45	31 47	8 1	10 24	10 41	18 54		n.a.
M28	18 18	1s 2	2 57	22 23	2 2	5 2	1 49	5 35	0 34	2 53	1 20	10 38	2 2	7 10	0 28	14 57	1 45	31 48	8 1	10 26	10 42	18 54		n.a.
T 29	18 35	5 43	3 51	22 45	2 3	5 32	1 48	5 53	0 33	2 49	1 20	10 37	2 2	7 9	0 28	14 57	1 45	31 48	8 1	10 29	10 44	18 55		n.a.
W30	18s51	10s13	4n33	23s 7	2s 3	6s 2	1n46	6s10	0n33	2n45	1n20	10n35	2s 2	7n 9	0s28	14n57	1n45	31n48	8n 2	10n32	10n45	18n56		n.a.

Julian Day Number = 989401.5, Delta T = 13h04m18s
Ecliptic obliquity = 23°55'21, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'14, Lahiri = -31°35'13 Julian Calendar 1 Nov. 2005 BCE == Greg. Calendar 15 Oct. 2005 BCE

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ASTRODIENST EPHEMERIS for the year 2005 BCE
geocentric

DECEMBER 2005 BCE (-2004) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 32 36	23♏49'27	23♏ 9	4♐16	20♎26	17♎22	26♍24	2°R 9	18°R56	25♌26	23°R53	3°R 0	2♍34	23♊18	n.a.	T 1
F 2	3 36 33	24°50'42	8♐20	5°57	21°40	18° 5	26°33	2♉ 4	18♈54	25°26	23♊52	2♍49	2°31	23°25	n.a.	F 2
S 3	3 40 30	25°51'55	23°31	7°38	22°54	18°49	26°43	2° 0	18°52	25°27	23°51	2°38	2°28	23°31	n.a.	S 3
S 4	3 44 26	26°53'08	8♑30	9°19	24° 8	19°32	26°53	1°56	18°50	25°27	23°50	2°29	2°25	23°38	n.a.	S 4
M 5	3 48 23	27°54'19	23°12	10°59	25°22	20°16	27° 2	1°51	18°48	25°27	23°49	2°23	2°22	23°45	n.a.	M 5
T 6	3 52 19	28°55'30	7♒29	12°38	26°36	21° 0	27°12	1°47	18°46	25°28	23°47	2°20	2°18	23°51	n.a.	T 6
W 7	3 56 16	29°56'39	21°22	14°17	27°50	21°43	27°21	1°43	18°45	25°28	23°46	2°18	2°15	23°58	n.a.	W 7
T 8	4 0 12	0♐57'46	4♓51	15°54	29° 4	22°27	27°30	1°39	18°43	25°28	23°45	2°18	2°12	24° 5	n.a.	T 8
F 9	4 4 9	1°58'52	17°58	17°30	0♏18	23°11	27°39	1°35	18°41	25°28	23°43	2°18	2° 9	24°12	n.a.	F 9
S 10	4 8 6	2°59'57	0♈47	19° 4	1°32	23°54	27°48	1°31	18°39	25°29	23°42	2°16	2° 6	24°18	n.a.	S 10
S 11	4 12 2	4° 1'01	13°22	20°36	2°46	24°38	27°57	1°27	18°38	25°29	23°41	2°11	2° 3	24°25	n.a.	S 11
M12	4 15 59	5° 2'03	25°45	22° 5	4° 0	25°22	28° 5	1°24	18°36	25°29	23°39	2° 4	1°59	24°32	n.a.	M12
T 13	4 19 55	6° 3'04	8♉ 0	23°31	5°15	26° 6	28°14	1°20	18°35	25°R29	23°38	1°53	1°56	24°38	n.a.	T 13
W14	4 23 52	7° 4'03	20° 7	24°53	6°29	26°50	28°22	1°16	18°33	25°29	23°37	1°40	1°53	24°45	n.a.	W14
T 15	4 27 48	8° 5'01	2♊ 8	26°11	7°43	27°34	28°31	1°13	18°32	25°29	23°35	1°25	1°50	24°52	n.a.	T 15
F 16	4 31 45	9° 5'58	14° 5	27°23	8°57	28°17	28°39	1° 9	18°31	25°29	23°34	1°10	1°47	24°59	n.a.	F 16
S 17	4 35 41	10° 6'54	25°58	28°29	10°11	29° 1	28°47	1° 6	18°29	25°29	23°33	0°56	1°44	25° 5	n.a.	S 17
S 18	4 39 38	11° 7'48	7♋49	29°28	11°25	29°45	28°55	1° 3	18°28	25°28	23°31	0°44	1°40	25°12	n.a.	S 18
M19	4 43 35	12° 8'41	19°40	0♑20	12°39	0♏29	29° 3	1° 0	18°27	25°28	23°30	0°35	1°37	25°19	n.a.	M19
T 20	4 47 31	13° 9'33	1♌33	1° 3	13°54	1°13	29°10	0°57	18°25	25°28	23°28	0°28	1°34	25°25	n.a.	T 20
W21	4 51 28	14°10'24	13°31	1°38	15° 8	1°58	29°18	0°54	18°24	25°28	23°27	0°25	1°31	25°32	n.a.	W21
T 22	4 55 24	15°11'13	25°40	2° 2	16°22	2°42	29°25	0°51	18°23	25°27	23°25	0°D24	1°28	25°39	n.a.	T 22
F 23	4 59 21	16°12'01	8♍ 3	2°16	17°36	3°26	29°32	0°48	18°22	25°27	23°24	0°24	1°24	25°45	n.a.	F 23
S 24	5 3 17	17°12'48	20°46	2°R19	18°50	4°10	29°39	0°45	18°21	25°27	23°23	0°R24	1°21	25°52	n.a.	S 24
S 25	5 7 14	18°13'34	3♎53	2°12	20° 5	4°54	29°46	0°43	18°20	25°26	23°21	0°23	1°18	25°59	n.a.	S 25
M26	5 11 11	19°14'18	17°28	1°53	21°19	5°38	29°53	0°40	18°19	25°26	23°20	0°20	1°15	26° 6	n.a.	M26
T 27	5 15 7	20°15'01	1♏34	1°25	22°33	6°23	29°59	0°38	18°18	25°26	23°18	0°14	1°12	26°12	n.a.	T 27
W28	5 19 4	21°15'42	16° 9	0°46	23°47	7° 7	0♎ 6	0°36	18°18	25°25	23°17	0° 6	1° 9	26°19	n.a.	W28
T 29	5 23 0	22°16'22	1♐ 8	29♐59	25° 1	7°51	0°13	0°34	18°17	25°25	23°15	29♌56	1° 5	26°26	n.a.	T 29
F 30	5 26 57	23°17'01	16°23	29° 4	26°16	8°35	0°19	0°32	18°16	25°24	23°14	29°46	1° 2	26°32	n.a.	F 30
S 31	5 30 53	24♐17'38	1♑44	28♐ 3	27♏30	9♏20	0♎25	0♉30	18♈16	25♌24	23♊13	29♌36	0♍59	26♊39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 6	14s10	4n56	23s26	2s 3	6s31	1n45	6s28	0n32	2n41	1n21	10n34	2s 2	7n 8	0s28	14n57	1n45	31n48	8n 2	10n36	10n46	18n56		n.a.
F 2	19 22	17 13	4 59	23 44	2 2	7 1	1 43	6 45	0 31	2 38	1 21	10 32	2 1	7 7	0 28	14 57	1 45	31 48	8 2	10 41	10 47	18 57		n.a.
S 3	19 37	19 5	4 41	24 0	2 1	7 30	1 42	7 3	0 31	2 34	1 21	10 31	2 1	7 6	0 28	14 57	1 45	31 48	8 2	10 45	10 48	18 58		n.a.
S 4	19 51	19 35	4 4	24 15	1 59	8 0	1 40	7 20	0 30	2 30	1 21	10 30	2 1	7 6	0 28	14 57	1 45	31 48	8 2	10 48	10 49	18 58		n.a.
M 5	20 5	18 45	3 11	24 27	1 56	8 29	1 38	7 37	0 29	2 26	1 21	10 28	2 1	7 5	0 28	14 57	1 45	31 48	8 3	10 50	10 51	18 59		n.a.
T 6	20 19	16 43	2 7	24 38	1 53	8 58	1 36	7 55	0 29	2 23	1 21	10 27	2 1	7 4	0 28	14 57	1 46	31 49	8 3	10 51	10 52	19 0		n.a.
W 7	20 33	13 46	0 58	24 46	1 49	9 27	1 34	8 12	0 28	2 19	1 22	10 26	2 0	7 4	0 28	14 57	1 46	31 49	8 3	10 52	10 53	19 0		n.a.
T 8	20 46	10 8	0s13	24 53	1 44	9 55	1 33	8 29	0 28	2 15	1 22	10 25	2 0	7 3	0 28	14 57	1 46	31 49	8 3	10 52	10 54	19 1		n.a.
F 9	20 59	6 6	1 22	24 57	1 38	10 24	1 31	8 46	0 27	2 12	1 22	10 23	2 0	7 2	0 28	14 57	1 46	31 49	8 3	10 52	10 55	19 2		n.a.
S 10	21 11	1 53	2 24	24 59	1 32	10 52	1 28	9 3	0 26	2 9	1 22	10 22	2 0	7 2	0 28	14 57	1 46	31 49	8 3	10 53	10 56	19 2		n.a.
S 11	21 23	2n20	3 19	24 59	1 24	11 20	1 26	9 20	0 26	2 5	1 22	10 21	2 0	7 1	0 28	14 57	1 46	31 49	8 4	10 54	10 58	19 3		n.a.
M12	21 34	6 24	4 2	24 57	1 16	11 47	1 24	9 37	0 25	2 2	1 22	10 20	1 59	7 1	0 27	14 57	1 46	31 49	8 4	10 57	10 59	19 3		n.a.
T 13	21 45	10 8	4 34	24 52	1 7	12 15	1 22	9 54	0 24	1 58	1 23	10 19	1 59	7 0	0 27	14 57	1 46	31 49	8 4	11 1	11 0	19 4		n.a.
W14	21 56	13 25	4 54	24 46	0 56	12 42	1 20	10 11	0 24	1 55	1 23	10 18	1 59	7 0	0 27	14 57	1 46	31 49	8 4	11 6	11 1	19 5		n.a.
T 15	22 6	16 7	4 59	24 37	0 45	13 9	1 18	10 28	0 23	1 52	1 23	10 17	1 59	6 59	0 27	14 57	1 46	31 49	8 4	11 11	11 2	19 5		n.a.
F 16	22 16	18 7	4 52	24 27	0 33	13 35	1 15	10 44	0 22	1 49	1 23	10 16	1 58	6 59	0 27	14 57	1 46	31 49	8 4	11 17	11 3	19 6		n.a.
S 17	22 25	19 20	4 32	24 14	0 20	14 1	1 13	11 1	0 21	1 46	1 23	10 15	1 58	6 58	0 27	14 57	1 46	31 50	8 4	11 22	11 4	19 6		n.a.
S 18	22 34	19 42	4 0	24 1	0 5	14 27	1 10	11 17	0 21	1 43	1 24	10 14	1 58	6 58	0 27	14 57	1 46	31 50	8 5	11 26	11 6	19 7		n.a.
M19	22 42	19 11	3 18	23 45	0n10	14 52	1 8	11 34	0 20	1 40	1 24	10 13	1 58	6 57	0 27	14 57	1 46	31 50	8 5	11 29	11 7	19 8		n.a.
T 20	22 50	17 50	2 26	23 29	0 26	15 17	1 6	11 50	0 19	1 37	1 24	10 12	1 58	6 57	0 27	14 57	1 47	31 50	8 5	11 32	11 8	19 8		n.a.
W21	22 58	15 42	1 28	23 12	0 43	15 42	1 3	12 6	0 19	1 34	1 24	10 11	1 57	6 56	0 27	14 58	1 47	31 50	8 5	11 33	11 9	19 9		n.a.
T 22	23 5	12 50	0 25	22 54	1 0	16 6	1 1	12 22	0 18	1 31	1 24	10 11	1 57	6 56	0 27	14 58	1 47	31 50	8 5	11 33	11 10	19 9		n.a.
F 23	23 11	9 21	0n41	22 36	1 18	16 30	0 58	12 38	0 17	1 28	1 24	10 10	1 57	6 55	0 27	14 58	1 47	31 50	8 5	11 33	11 11	19 10		n.a.
S 24	23 18	5 21	1 46	22 18	1 36	16 53	0 55	12 54	0 16	1 26	1 25	10 9	1 57	6 55	0 27	14 58	1 47	31 50	8 5	11 33	11 13	19 10		n.a.
S 25	23 23	0 59	2 48	22 0	1 54	17 16	0 53	13 10	0 16	1 23	1 25	10 9	1 56	6 55	0 27	14 58	1 47	31 50	8 5	11 34	11 14	19 11		n.a.
M26	23 29	3s35	3 43	21 43	2 12	17 39	0 50	13 26	0 15	1 21	1 25	10 8	1 56	6 54	0 27	14 58	1 47	31 50	8 6	11 35	11 15	19 12		n.a.
T 27	23 33	8 6	4 26	21 26	2 29	18 1	0 48	13 42	0 14	1 18	1 25	10 7	1 56	6 54	0 27	14 59	1 47	31 50	8 6	11 37	11 16	19 12		n.a.
W28	23 38	12 19	4 54	21 10	2 45	18 22	0 45	13 57	0 13	1 16	1 26	10 7	1 55	6 54	0 27	14 59	1 47	31 50	8 6	11 40	11 17	19 13		n.a.
T 29	23 41	15 52	5 2	20 55	3 1	18 43	0 42	14 13	0 13	1 13	1 26	10 6	1 55	6 54	0 27	14 59	1 47	31 50	8 6	11 43	11 18	19 13		n.a.
F 30	23 45	18 24	4 50	20 41	3 14	19 4	0 40	14 28	0 12	1 11	1 26	10 6	1 55	6 53	0 27	14 59	1 47	31 50	8 6	11 47	11 19	19 14		n.a.
S 31	23s48	19s38	4n17	20s29	3n26	19s24	0n37	14s43	0n11	1n 9	1n26	10n 5	1s55	6n53	0s27	15n 0	1n47	31n50	8n 6	11n50	11n21	19n14		n.a.

Julian Day Number = 989431.5, Delta T = 13h04m16s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'10, Lahiri = -31°35'09 Julian Calendar 1 Dec. 2005 BCE == Greg. Calendar 14 Nov. 2005 BCE

The year -2004 astronomical counting style corresponds to year 2005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

JANUARY 2004 BCE (-2003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 34 50	25♐18'13	16♑58	26°R58	28♏44	10♏ 4	0♎31	0°R28	18°R15	25°R23	23°R11	29°R28	0♍56	26♊46	n.a.	S 1
M 2	5 38 46	26°18'46	1♒56	25♐50	29°58	10°49	0°36	0♉26	18♈14	25♌22	23♊10	29♌23	0°53	26°53	n.a.	M 2
T 3	5 42 43	27°19'17	16°30	24°41	1♐12	11°33	0°42	0°25	18°14	25°22	23° 8	29°20	0°50	26°59	n.a.	T 3
W 4	5 46 40	28°19'46	0♓36	23°34	2°26	12°17	0°47	0°23	18°14	25°21	23° 7	29°D19	0°46	27° 6	n.a.	W 4
T 5	5 50 36	29°20'13	14°15	22°29	3°41	13° 2	0°53	0°22	18°13	25°20	23° 5	29°20	0°43	27°13	n.a.	T 5
F 6	5 54 33	0♑20'38	27°27	21°29	4°55	13°46	0°58	0°20	18°13	25°20	23° 4	29°R20	0°40	27°19	n.a.	F 6
S 7	5 58 29	1°21'00	10♈16	20°33	6° 9	14°31	1° 3	0°19	18°13	25°19	23° 2	29°20	0°37	27°26	n.a.	S 7
S 8	6 2 26	2°21'21	22°47	19°44	7°23	15°15	1° 7	0°18	18°12	25°18	23° 1	29°18	0°34	27°33	n.a.	S 8
M 9	6 6 22	3°21'39	5♉ 4	19° 1	8°37	16° 0	1°12	0°17	18°12	25°17	23° 0	29°13	0°30	27°40	n.a.	M 9
T 10	6 10 19	4°21'55	17°10	18°25	9°51	16°45	1°16	0°16	18°12	25°16	22°58	29° 6	0°27	27°46	n.a.	T 10
W11	6 14 15	5°22'08	29° 9	17°56	11° 5	17°29	1°21	0°16	18°12	25°15	22°57	28°57	0°24	27°53	n.a.	W11
T 12	6 18 12	6°22'20	11♊ 4	17°35	12°20	18°14	1°25	0°15	18°D12	25°14	22°55	28°47	0°21	28° 0	n.a.	T 12
F 13	6 22 9	7°22'30	22°56	17°21	13°34	18°58	1°29	0°14	18°12	25°14	22°54	28°36	0°18	28° 6	n.a.	F 13
S 14	6 26 5	8°22'37	4♋47	17°14	14°48	19°43	1°32	0°14	18°12	25°13	22°53	28°26	0°15	28°13	n.a.	S 14
S 15	6 30 2	9°22'43	16°40	17°D14	16° 2	20°28	1°36	0°14	18°12	25°12	22°51	28°18	0°11	28°20	n.a.	S 15
M16	6 33 58	10°22'46	28°35	17°20	17°16	21°12	1°39	0°14	18°12	25°11	22°50	28°12	0° 8	28°27	n.a.	M16
T 17	6 37 55	11°22'48	10♌34	17°32	18°30	21°57	1°42	0°D14	18°13	25° 9	22°49	28° 8	0° 5	28°33	n.a.	T 17
W18	6 41 51	12°22'47	22°39	17°50	19°44	22°42	1°45	0°14	18°13	25° 8	22°47	28°D 6	0° 2	28°40	n.a.	W18
T 19	6 45 48	13°22'45	4♍55	18°13	20°58	23°27	1°48	0°14	18°13	25° 7	22°46	28° 6	29♌59	28°47	n.a.	T 19
F 20	6 49 44	14°22'40	17°22	18°41	22°12	24°11	1°51	0°14	18°14	25° 6	22°45	28° 7	29°55	28°53	n.a.	F 20
S 21	6 53 41	15°22'34	0♎ 7	19°14	23°26	24°56	1°53	0°15	18°14	25° 5	22°43	28° 9	29°52	29° 0	n.a.	S 21
S 22	6 57 38	16°22'26	13°11	19°51	24°40	25°41	1°56	0°15	18°15	25° 4	22°42	28°R 9	29°49	29° 7	n.a.	S 22
M23	7 1 34	17°22'16	26°40	20°32	25°54	26°26	1°58	0°16	18°15	25° 3	22°41	28° 9	29°46	29°13	n.a.	M23
T 24	7 5 31	18°22'04	10♏34	21°17	27° 8	27°11	2° 0	0°17	18°16	25° 1	22°39	28° 7	29°43	29°20	n.a.	T 24
W25	7 9 27	19°21'50	24°54	22° 5	28°23	27°56	2° 1	0°17	18°17	25° 0	22°38	28° 3	29°40	29°27	n.a.	W25
T 26	7 13 24	20°21'35	9♐37	22°57	29°37	28°40	2° 3	0°18	18°17	24°59	22°37	27°58	29°36	29°34	n.a.	T 26
F 27	7 17 20	21°21'17	24°39	23°52	0♑51	29°25	2° 4	0°19	18°18	24°58	22°36	27°53	29°33	29°40	n.a.	F 27
S 28	7 21 17	22°20'58	9♑49	24°50	2° 5	0♐10	2° 6	0°21	18°19	24°56	22°34	27°48	29°30	29°47	n.a.	S 28
S 29	7 25 13	23°20'36	25° 0	25°50	3°19	0°55	2° 6	0°22	18°20	24°55	22°33	27°43	29°27	29°54	n.a.	S 29
M30	7 29 10	24°20'12	9♒59	26°53	4°33	1°40	2° 7	0°23	18°21	24°54	22°32	27°41	29°24	0♋ 0	n.a.	M30
T 31	7 33 6	25♑19'46	24♒40	27♐59	5♑47	2♐25	2♎ 8	0♉25	18♈22	24♌52	22♊31	27°D39	29♌21	0♋ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23 s50	19 s25	3n25	20 s18	3n36	19 s43	0n34	14 s58	0n10	1n 6	1n26	10n 5	1 s54	6n53	0 s27	15n 0	1n47	31n50	8n 6	11n53	11n22	19n15			n.a.
M 2	23 52	17 51	2 21	20 8	3 43	20 2	0 32	15 13	0 9	1 4	1 27	10 5	1 54	6 53	0 27	15 0	1 47	31 50	8 6	11 55	11 23	19 16			n.a.
T 3	23 54	15 8	1 8	20 1	3 48	20 21	0 29	15 28	0 9	1 2	1 27	10 4	1 54	6 53	0 27	15 0	1 47	31 50	8 6	11 56	11 24	19 16			n.a.
W 4	23 55	11 35	0 s 7	19 55	3 51	20 39	0 26	15 43	0 8	1 0	1 27	10 4	1 54	6 52	0 27	15 1	1 47	31 50	8 6	11 56	11 25	19 17			n.a.
T 5	23 55	7 32	1 19	19 51	3 52	20 56	0 23	15 57	0 7	0 58	1 27	10 4	1 53	6 52	0 27	15 1	1 48	31 50	8 6	11 56	11 26	19 17			n.a.
F 6	23 55	3 14	2 25	19 48	3 51	21 12	0 21	16 12	0 6	0 57	1 27	10 3	1 53	6 52	0 27	15 1	1 48	31 50	8 6	11 56	11 27	19 18			n.a.
S 7	23 55	1n 5	3 21	19 48	3 47	21 28	0 18	16 26	0 5	0 55	1 28	10 3	1 53	6 52	0 27	15 2	1 48	31 50	8 6	11 56	11 29	19 18			n.a.
S 8	23 54	5 14	4 6	19 50	3 42	21 44	0 15	16 40	0 5	0 53	1 28	10 3	1 53	6 52	0 27	15 2	1 48	31 50	8 6	11 57	11 30	19 19			n.a.
M 9	23 53	9 6	4 39	19 53	3 35	21 59	0 13	16 54	0 4	0 51	1 28	10 3	1 52	6 52	0 27	15 2	1 48	31 50	8 6	11 59	11 31	19 19			n.a.
T 10	23 51	12 32	4 59	19 58	3 27	22 13	0 10	17 8	0 3	0 50	1 28	10 3	1 52	6 52	0 27	15 3	1 48	31 50	8 6	12 1	11 32	19 20			n.a.
W11	23 49	15 24	5 5	20 4	3 18	22 26	0 7	17 22	0 2	0 48	1 29	10 3	1 52	6 52	0 27	15 3	1 48	31 50	8 7	12 4	11 33	19 20			n.a.
T 12	23 46	17 38	4 59	20 12	3 8	22 39	0 4	17 35	0 1	0 47	1 29	10 3	1 51	6 52	0 27	15 3	1 48	31 50	8 7	12 8	11 34	19 21			n.a.
F 13	23 43	19 5	4 39	20 22	2 58	22 52	0 2	17 48	0 0	0 45	1 29	10 3	1 51	6 52	0 27	15 4	1 48	31 49	8 7	12 12	11 35	19 21			n.a.
S 14	23 39	19 43	4 7	20 32	2 46	23 3	0 s 1	18 2	0 s 1	0 44	1 29	10 3	1 51	6 52	0 26	15 4	1 48	31 49	8 7	12 15	11 37	19 22			n.a.
S 15	23 35	19 29	3 24	20 44	2 35	23 14	0 4	18 15	0 1	0 43	1 29	10 4	1 51	6 52	0 26	15 5	1 48	31 49	8 7	12 18	11 38	19 22			n.a.
M16	23 30	18 23	2 32	20 56	2 23	23 24	0 6	18 28	0 2	0 42	1 30	10 4	1 50	6 52	0 26	15 5	1 48	31 49	8 7	12 20	11 39	19 23			n.a.
T 17	23 25	16 27	1 33	21 9	2 11	23 34	0 9	18 40	0 3	0 41	1 30	10 4	1 50	6 52	0 26	15 5	1 48	31 49	8 7	12 22	11 40	19 23			n.a.
W18	23 20	13 47	0 29	21 23	1 59	23 42	0 11	18 53	0 4	0 40	1 30	10 4	1 50	6 53	0 26	15 6	1 48	31 49	8 7	12 22	11 41	19 24			n.a.
T 19	23 14	10 28	0n37	21 37	1 46	23 50	0 14	19 5	0 5	0 39	1 30	10 5	1 49	6 53	0 26	15 6	1 48	31 49	8 7	12 22	11 42	19 24			n.a.
F 20	23 8	6 39	1 43	21 52	1 34	23 58	0 16	19 18	0 6	0 38	1 31	10 5	1 49	6 53	0 26	15 7	1 48	31 49	8 7	12 22	11 43	19 25			n.a.
S 21	23 1	2 28	2 45	22 7	1 22	24 4	0 19	19 30	0 7	0 37	1 31	10 5	1 49	6 53	0 26	15 7	1 48	31 49	8 7	12 21	11 45	19 25			n.a.
S 22	22 54	1 s56	3 40	22 21	1 10	24 10	0 21	19 42	0 8	0 36	1 31	10 6	1 49	6 53	0 26	15 8	1 48	31 49	8 7	12 21	11 46	19 26			n.a.
M23	22 46	6 22	4 25	22 36	0 59	24 15	0 24	19 53	0 9	0 36	1 31	10 6	1 48	6 54	0 26	15 8	1 49	31 49	8 7	12 21	11 47	19 26			n.a.
T 24	22 38	10 36	4 56	22 51	0 47	24 20	0 26	20 5	0 10	0 35	1 32	10 7	1 48	6 54	0 26	15 8	1 49	31 49	8 7	12 22	11 48	19 27			n.a.
W25	22 29	14 22	5 10	23 5	0 36	24 24	0 29	20 16	0 10	0 35	1 32	10 7	1 48	6 54	0 26	15 9	1 49	31 48	8 7	12 23	11 49	19 27			n.a.
T 26	22 21	17 20	5 4	23 19	0 25	24 26	0 31	20 27	0 11	0 34	1 32	10 8	1 47	6 55	0 26	15 9	1 49	31 48	8 7	12 25	11 50	19 28			n.a.
F 27	22 11	19 11	4 38	23 32	0 15	24 29	0 33	20 38	0 12	0 34	1 32	10 9	1 47	6 55	0 26	15 10	1 49	31 48	8 6	12 27	11 51	19 28			n.a.
S 28	22 2	19 42	3 51	23 45	0 4	24 30	0 36	20 49	0 13	0 34	1 33	10 9	1 47	6 55	0 26	15 10	1 49	31 48	8 6	12 29	11 53	19 29			n.a.
S 29	21 51	18 48	2 49	23 57	0 s 6	24 31	0 38	20 59	0 14	0 34	1 33	10 10	1 47	6 56	0 26	15 11	1 49	31 48	8 6	12 30	11 54	19 29			n.a.
M30	21 41	16 35	1 35	24 9	0 16	24 31	0 40	21 10	0 15	0 33	1 33	10 11	1 46	6 56	0 26	15 11	1 49	31 48	8 6	12 31	11 55	19 29			n.a.
T 31	21 s30	13 s18	0n16	24 s19	0 s25	24 s30	0 s42	21 s20	0 s16	0n33	1n33	10n12	1 s46	6n56	0 s26	15n12	1n49	31n48	8n 6	12n32	11n56	19n30			n.a.

Julian Day Number = 989462.5, Delta T = 13h04m14s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'06, Lahiri = -31°35'05 Julian Calendar 1 Jan. 2004 BCE == Greg. Calendar 15 Dec. 2005 BCE

The year -2003 astronomical counting style corresponds to year 2004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

FEBRUARY 2004 BCE (-2003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 37 3	26♉19'17	8♓55	29♐ 7	7♉ 1	3♐10	2♎ 8	0♉27	18♈23	24°R51	22°R30	27♌40	29♌17	0♋14	n.a.	W 1
T 2	7 41 0	27°18'46	22°44	0♉17	8°15	3°55	2° 9	0°28	18°24	24♌50	22♊28	27°41	29°14	0°21	n.a.	T 2
F 3	7 44 56	28°18'13	6♈ 5	1°29	9°29	4°40	2°R 9	0°30	18°25	24°48	22°27	27°43	29°11	0°27	n.a.	F 3
S 4	7 48 53	29°17'37	19° 2	2°43	10°43	5°25	2° 8	0°32	18°26	24°47	22°26	27°44	29° 8	0°34	n.a.	S 4
S 5	7 52 49	0♒16'58	1♉37	3°59	11°57	6°10	2° 8	0°34	18°27	24°45	22°25	27°R44	29° 5	0°41	n.a.	S 5
M 6	7 56 46	1°16'17	13°55	5°16	13°10	6°55	2° 8	0°36	18°29	24°44	22°24	27°44	29° 1	0°47	n.a.	M 6
T 7	8 0 42	2°15'33	26° 0	6°36	14°24	7°40	2° 7	0°39	18°30	24°42	22°23	27°42	28°58	0°54	n.a.	T 7
W 8	8 4 39	3°14'48	7♊56	7°57	15°38	8°25	2° 6	0°41	18°31	24°41	22°22	27°39	28°55	1° 1	n.a.	W 8
T 9	8 8 35	4°13'59	19°48	9°20	16°52	9°10	2° 5	0°44	18°33	24°39	22°21	27°35	28°52	1° 7	n.a.	T 9
F 10	8 12 32	5°13'08	1♋38	10°45	18° 6	9°55	2° 4	0°46	18°34	24°38	22°20	27°31	28°49	1°14	n.a.	F 10
S 11	8 16 28	6°12'15	13°30	12°11	19°20	10°40	2° 2	0°49	18°36	24°36	22°19	27°27	28°46	1°21	n.a.	S 11
S 12	8 20 25	7°11'20	25°26	13°38	20°34	11°25	2° 1	0°52	18°37	24°35	22°18	27°24	28°42	1°28	n.a.	S 12
M13	8 24 22	8°10'22	7♌28	15° 8	21°48	12°10	1°59	0°55	18°39	24°33	22°17	27°22	28°39	1°34	n.a.	M13
T 14	8 28 18	9° 9'22	19°38	16°38	23° 2	12°55	1°57	0°58	18°41	24°32	22°16	27°21	28°36	1°41	n.a.	T 14
W15	8 32 15	10° 8'20	1♍57	18°11	24°16	13°40	1°55	1° 1	18°42	24°30	22°15	27°D21	28°33	1°48	n.a.	W15
T 16	8 36 11	11° 7'16	14°26	19°44	25°30	14°25	1°52	1° 4	18°44	24°29	22°14	27°22	28°30	1°54	n.a.	T 16
F 17	8 40 8	12° 6'09	27° 8	21°20	26°43	15°10	1°50	1° 7	18°46	24°27	22°13	27°23	28°27	2° 1	n.a.	F 17
S 18	8 44 4	13° 5'01	10♎ 5	22°56	27°57	15°55	1°47	1°11	18°48	24°25	22°13	27°24	28°23	2° 8	n.a.	S 18
S 19	8 48 1	14° 3'51	23°17	24°34	29°11	16°40	1°44	1°14	18°50	24°24	22°12	27°25	28°20	2°14	n.a.	S 19
M20	8 51 57	15° 2'38	6♏47	26°14	0♒25	17°25	1°41	1°18	18°52	24°22	22°11	27°26	28°17	2°21	n.a.	M20
T 21	8 55 54	16° 1'24	20°37	27°55	1°39	18°10	1°38	1°22	18°54	24°21	22°10	27°R26	28°14	2°28	n.a.	T 21
W22	8 59 50	17° 0'09	4♐45	29°38	2°53	18°55	1°34	1°25	18°56	24°19	22°10	27°26	28°11	2°35	n.a.	W22
T 23	9 3 47	17°58'51	19°10	1♒22	4° 7	19°40	1°31	1°29	18°58	24°17	22° 9	27°25	28° 7	2°41	n.a.	T 23
F 24	9 7 44	18°57'32	3♉49	3° 8	5°20	20°25	1°27	1°33	19° 0	24°16	22° 8	27°24	28° 4	2°48	n.a.	F 24
S 25	9 11 40	19°56'10	18°36	4°55	6°34	21°10	1°23	1°37	19° 2	24°14	22° 8	27°23	28° 1	2°55	n.a.	S 25
S 26	9 15 37	20°54'47	3♒25	6°44	7°48	21°55	1°19	1°42	19° 4	24°12	22° 7	27°22	27°58	3° 1	n.a.	S 26
M27	9 19 33	21°53'22	18° 9	8°34	9° 2	22°40	1°15	1°46	19° 7	24°11	22° 6	27°22	27°55	3° 8	n.a.	M27
T 28	9 23 30	22♒51'54	2♓40	10♒26	10♒16	23♐25	1♎10	1♉50	19♈ 9	24♌ 9	22♊ 6	27°D22	27♌52	3♋15	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s19	9s20	1s 1	24s29	0s34	24s28	0s45	21s30	0s17	0n33	1n33	10n13	1s46	6n57	0s26	15n12	1n49	31n48	8n 6	12n32	11n57	19n30		n.a.
T 2	21 7	4 58	2 13	24 38	0 43	24 26	0 47	21 39	0 18	0 34	1 34	10 13	1 46	6 57	0 26	15 13	1 49	31 48	8 6	12 31	11 58	19 31		n.a.
F 3	20 55	0 31	3 15	24 46	0 51	24 23	0 49	21 49	0 19	0 34	1 34	10 14	1 45	6 58	0 26	15 13	1 49	31 47	8 6	12 31	11 59	19 31		n.a.
S 4	20 43	3n50	4 5	24 52	0 59	24 19	0 51	21 58	0 20	0 34	1 34	10 15	1 45	6 58	0 26	15 14	1 49	31 47	8 6	12 30	12 1	19 32		n.a.
S 5	20 30	7 52	4 42	24 58	1 6	24 15	0 53	22 7	0 21	0 34	1 34	10 16	1 45	6 59	0 26	15 14	1 49	31 47	8 6	12 30	12 2	19 32		n.a.
M 6	20 17	11 29	5 5	25 2	1 14	24 10	0 55	22 16	0 22	0 35	1 35	10 17	1 44	6 59	0 26	15 15	1 49	31 47	8 6	12 30	12 3	19 33		n.a.
T 7	20 3	14 34	5 14	25 6	1 20	24 4	0 56	22 24	0 23	0 35	1 35	10 18	1 44	7 0	0 26	15 16	1 49	31 47	8 6	12 31	12 4	19 33		n.a.
W 8	19 49	17 0	5 9	25 7	1 27	23 57	0 58	22 33	0 24	0 36	1 35	10 20	1 44	7 0	0 26	15 16	1 49	31 47	8 6	12 32	12 5	19 33		n.a.
T 9	19 35	18 41	4 51	25 8	1 33	23 50	1 0	22 41	0 25	0 36	1 35	10 21	1 44	7 1	0 26	15 17	1 49	31 47	8 6	12 33	12 6	19 34		n.a.
F 10	19 21	19 34	4 20	25 7	1 38	23 41	1 2	22 49	0 26	0 37	1 35	10 22	1 43	7 2	0 26	15 17	1 49	31 46	8 6	12 35	12 7	19 34		n.a.
S 11	19 6	19 36	3 39	25 4	1 44	23 33	1 3	22 57	0 27	0 38	1 36	10 23	1 43	7 2	0 26	15 18	1 49	31 46	8 6	12 36	12 8	19 35		n.a.
S 12	18 51	18 45	2 47	25 0	1 48	23 23	1 5	23 4	0 28	0 39	1 36	10 24	1 43	7 3	0 26	15 18	1 49	31 46	8 6	12 37	12 10	19 35		n.a.
M13	18 35	17 3	1 48	24 55	1 53	23 13	1 7	23 11	0 29	0 40	1 36	10 26	1 43	7 4	0 26	15 19	1 49	31 46	8 5	12 38	12 11	19 35		n.a.
T 14	18 20	14 33	0 43	24 47	1 57	23 2	1 8	23 18	0 30	0 41	1 36	10 27	1 42	7 4	0 26	15 19	1 49	31 46	8 5	12 38	12 12	19 36		n.a.
W15	18 4	11 23	0n25	24 39	2 0	22 50	1 10	23 25	0 31	0 42	1 36	10 28	1 42	7 5	0 26	15 20	1 49	31 46	8 5	12 38	12 13	19 36		n.a.
T 16	17 47	7 40	1 33	24 28	2 3	22 38	1 11	23 31	0 32	0 43	1 37	10 30	1 42	7 6	0 25	15 20	1 49	31 46	8 5	12 38	12 14	19 37		n.a.
F 17	17 31	3 34	2 37	24 16	2 6	22 25	1 12	23 38	0 33	0 44	1 37	10 31	1 41	7 6	0 25	15 21	1 49	31 45	8 5	12 38	12 15	19 37		n.a.
S 18	17 14	0s47	3 35	24 2	2 8	22 11	1 13	23 44	0 34	0 45	1 37	10 32	1 41	7 7	0 25	15 22	1 49	31 45	8 5	12 37	12 16	19 37		n.a.
S 19	16 56	5 10	4 22	23 46	2 10	21 57	1 15	23 49	0 35	0 47	1 37	10 34	1 41	7 8	0 25	15 22	1 49	31 45	8 5	12 37	12 17	19 38		n.a.
M20	16 39	9 23	4 57	23 28	2 11	21 42	1 16	23 55	0 36	0 48	1 37	10 35	1 41	7 9	0 25	15 23	1 49	31 45	8 5	12 36	12 19	19 38		n.a.
T 21	16 21	13 13	5 15	23 8	2 11	21 27	1 17	24 0	0 37	0 50	1 38	10 37	1 40	7 9	0 25	15 23	1 49	31 45	8 5	12 36	12 20	19 39		n.a.
W22	16 3	16 22	5 14	22 47	2 12	21 10	1 18	24 5	0 38	0 51	1 38	10 39	1 40	7 10	0 25	15 24	1 49	31 45	8 5	12 37	12 21	19 39		n.a.
T 23	15 45	18 35	4 54	22 23	2 11	20 54	1 19	24 10	0 39	0 53	1 38	10 40	1 40	7 11	0 25	15 24	1 50	31 45	8 4	12 37	12 22	19 39		n.a.
F 24	15 26	19 37	4 15	21 58	2 11	20 36	1 20	24 15	0 41	0 55	1 38	10 42	1 40	7 12	0 25	15 25	1 50	31 44	8 4	12 37	12 23	19 40		n.a.
S 25	15 8	19 19	3 19	21 30	2 9	20 18	1 21	24 19	0 42	0 56	1 38	10 43	1 39	7 13	0 25	15 26	1 50	31 44	8 4	12 38	12 24	19 40		n.a.
S 26	14 49	17 42	2 9	21 1	2 7	20 0	1 22	24 23	0 43	0 58	1 39	10 45	1 39	7 14	0 25	15 26	1 50	31 44	8 4	12 38	12 25	19 40		n.a.
M27	14 30	14 53	0 51	20 29	2 5	19 41	1 22	24 27	0 44	1 0	1 39	10 47	1 39	7 14	0 25	15 27	1 50	31 44	8 4	12 38	12 26	19 41		n.a.
T 28	14s10	11s11	0s29	19s56	2s 2	19s21	1s23	24s30	0s45	1n 2	1n39	10n49	1s39	7n15	0s25	15n27	1n50	31n44	8n 4	12n38	12n27	19n41		n.a.

Julian Day Number = 989493.5, Delta T = 13h04m12s
Ecliptic obliquity = 23°55'20, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°42'01, Lahiri = -31°35'01 Julian Calendar 1 Feb. 2004 BCE == Greg. Calendar 15 Jan. 2004 BCE

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

MARCH 2004 BCE (-2003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 27 26	23♒50'25	16♓53	12♒19	11♒30	24♐10	1°R 6	1♉55	19♈11	24°R 8	22°R 5	27♌22	27♌48	3♋21	n.a.	W 1
T 2	9 31 23	24°48'53	0♈43	14°14	12°43	24°55	1♎ 1	1°59	19°13	24♌ 6	22♊ 5	27°22	27°45	3°28	n.a.	T 2
F 3	9 35 19	25°47'19	14° 8	16°10	13°57	25°40	0°56	2° 4	19°16	24° 4	22° 4	27°22	27°42	3°35	n.a.	F 3
S 4	9 39 16	26°45'42	27°10	18° 8	15°11	26°25	0°51	2° 8	19°18	24° 3	22° 4	27°23	27°39	3°42	n.a.	S 4
S 5	9 43 12	27°44'04	9♉50	20° 7	16°25	27°10	0°46	2°13	19°21	24° 1	22° 3	27°R23	27°36	3°48	n.a.	S 5
M 6	9 47 9	28°42'23	22°12	22° 8	17°38	27°55	0°40	2°18	19°23	23°59	22° 3	27°D23	27°33	3°55	n.a.	M 6
T 7	9 51 6	29°40'40	4♊19	24°10	18°52	28°40	0°35	2°23	19°26	23°58	22° 2	27°23	27°29	4° 2	n.a.	T 7
W 8	9 55 2	0♓38'55	16°16	26°13	20° 6	29°24	0°29	2°28	19°28	23°56	22° 2	27°23	27°26	4° 8	n.a.	W 8
T 9	9 58 59	1°37'07	28° 8	28°18	21°20	0♋ 9	0°23	2°33	19°31	23°54	22° 2	27°23	27°23	4°15	n.a.	T 9
F 10	10 2 55	2°35'18	9♋59	0♓24	22°34	0°54	0°18	2°38	19°34	23°53	22° 1	27°24	27°20	4°22	n.a.	F 10
S 11	10 6 52	3°33'26	21°53	2°31	23°47	1°39	0°12	2°43	19°36	23°51	22° 1	27°24	27°17	4°28	n.a.	S 11
S 12	10 10 48	4°31'32	3♌54	4°38	25° 1	2°24	0° 6	2°49	19°39	23°50	22° 1	27°25	27°13	4°35	n.a.	S 12
M13	10 14 45	5°29'36	16° 4	6°46	26°15	3° 8	29♍59	2°54	19°42	23°48	22° 0	27°25	27°10	4°42	n.a.	M13
T 14	10 18 41	6°27'38	28°26	8°55	27°28	3°53	29°53	2°59	19°45	23°46	22° 0	27°R25	27° 7	4°49	n.a.	T 14
W15	10 22 38	7°25'39	11♍ 1	11° 4	28°42	4°38	29°47	3° 5	19°47	23°45	22° 0	27°25	27° 4	4°55	n.a.	W15
T 16	10 26 34	8°23'37	23°50	13°12	29°56	5°23	29°40	3°11	19°50	23°43	22° 0	27°24	27° 1	5° 2	n.a.	T 16
F 17	10 30 31	9°21'34	6♎54	15°21	1♓10	6° 7	29°33	3°16	19°53	23°42	22° 0	27°23	26°58	5° 9	n.a.	F 17
S 18	10 34 28	10°19'29	20°11	17°28	2°23	6°52	29°27	3°22	19°56	23°40	22° 0	27°21	26°54	5°15	n.a.	S 18
S 19	10 38 24	11°17'22	3♏42	19°35	3°37	7°37	29°20	3°28	19°59	23°39	22° 0	27°20	26°51	5°22	n.a.	S 19
M20	10 42 21	12°15'14	17°26	21°40	4°51	8°21	29°13	3°34	20° 2	23°37	22° 0	27°18	26°48	5°29	n.a.	M20
T 21	10 46 17	13°13'05	1♐21	23°44	6° 4	9° 6	29° 6	3°40	20° 5	23°36	21°D59	27°17	26°45	5°35	n.a.	T 21
W22	10 50 14	14°10'54	15°26	25°46	7°18	9°51	28°59	3°46	20° 8	23°34	21°59	27°D17	26°42	5°42	n.a.	W22
T 23	10 54 10	15° 8'42	29°40	27°46	8°32	10°35	28°52	3°52	20°11	23°33	22° 0	27°17	26°38	5°49	n.a.	T 23
F 24	10 58 7	16° 6'29	13♑59	29°44	9°46	11°20	28°44	3°58	20°14	23°31	22° 0	27°18	26°35	5°55	n.a.	F 24
S 25	11 2 3	17° 4'15	28°22	1♈39	10°59	12° 4	28°37	4° 4	20°17	23°30	22° 0	27°20	26°32	6° 2	n.a.	S 25
S 26	11 6 0	18° 1'59	12♒45	3°31	12°13	12°49	28°30	4°10	20°20	23°28	22° 0	27°21	26°29	6° 9	n.a.	S 26
M27	11 9 56	18°59'41	27° 2	5°21	13°27	13°33	28°22	4°16	20°23	23°27	22° 0	27°R21	26°26	6°16	n.a.	M27
T 28	11 13 53	19°57'22	11♓11	7° 7	14°40	14°17	28°15	4°23	20°26	23°25	22° 0	27°21	26°23	6°22	n.a.	T 28
W29	11 17 50	20°55'02	25° 7	8°50	15°54	15° 2	28° 7	4°29	20°30	23°24	22° 0	27°19	26°19	6°29	n.a.	W29
T 30	11 21 46	21°52'40	8♈46	10°30	17° 8	15°46	28° 0	4°36	20°33	23°22	22° 1	27°16	26°16	6°36	n.a.	T 30
F 31	11 25 43	22♓50'16	22♈ 6	12♈ 7	18♓21	16♑30	27♍52	4♉42	20♈36	23♌21	22♊ 1	27♌13	26♌13	6♋42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s51	6s54	1s46	19s20	1s58	19s 1	1s23	24s33	0s46	1n 4	1n39	10n50	1s38	7n16	0s25	15n28	1n50	31n44	8n 4	12n38	12n29	19n41		n.a.
T 2	13 31	2 23	2 55	18 43	1 54	18 40	1 24	24 36	0 47	1 6	1 39	10 52	1 38	7 17	0 25	15 28	1 50	31 43	8 4	12 38	12 30	19 42		n.a.
F 3	13 11	2n 8	3 52	18 3	1 50	18 19	1 25	24 39	0 48	1 8	1 39	10 54	1 38	7 18	0 25	15 29	1 50	31 43	8 3	12 38	12 31	19 42		n.a.
S 4	12 51	6 25	4 35	17 22	1 45	17 57	1 25	24 41	0 49	1 10	1 39	10 56	1 38	7 19	0 25	15 30	1 50	31 43	8 3	12 38	12 32	19 42		n.a.
S 5	12 30	10 16	5 3	16 38	1 39	17 35	1 25	24 44	0 50	1 13	1 40	10 58	1 38	7 20	0 25	15 30	1 50	31 43	8 3	12 38	12 33	19 43		n.a.
M 6	12 10	13 36	5 16	15 52	1 33	17 13	1 26	24 46	0 51	1 15	1 40	11 0	1 37	7 21	0 25	15 31	1 50	31 43	8 3	12 38	12 34	19 43		n.a.
T 7	11 49	16 16	5 15	15 5	1 26	16 49	1 26	24 47	0 52	1 17	1 40	11 2	1 37	7 22	0 25	15 31	1 50	31 43	8 3	12 38	12 35	19 43		n.a.
W 8	11 28	18 13	5 0	14 15	1 19	16 26	1 26	24 49	0 53	1 20	1 40	11 4	1 37	7 23	0 25	15 32	1 50	31 42	8 3	12 38	12 36	19 44		n.a.
T 9	11 7	19 22	4 33	13 24	1 11	16 2	1 26	24 50	0 55	1 22	1 40	11 6	1 37	7 24	0 25	15 32	1 50	31 42	8 3	12 38	12 38	19 44		n.a.
F 10	10 46	19 39	3 54	12 31	1 2	15 37	1 26	24 51	0 56	1 24	1 40	11 8	1 36	7 25	0 25	15 33	1 50	31 42	8 2	12 37	12 39	19 44		n.a.
S 11	10 24	19 4	3 5	11 37	0 53	15 13	1 26	24 52	0 57	1 27	1 40	11 10	1 36	7 26	0 25	15 33	1 50	31 42	8 2	12 37	12 40	19 45		n.a.
S 12	10 3	17 37	2 7	10 41	0 44	14 47	1 26	24 52	0 58	1 30	1 40	11 12	1 36	7 27	0 25	15 34	1 50	31 42	8 2	12 37	12 41	19 45		n.a.
M13	9 41	15 21	1 3	9 44	0 34	14 22	1 26	24 52	0 59	1 32	1 40	11 14	1 36	7 28	0 25	15 35	1 50	31 42	8 2	12 37	12 42	19 45		n.a.
T 14	9 19	12 21	0n 6	8 46	0 24	13 56	1 25	24 52	1 0	1 35	1 41	11 16	1 36	7 29	0 25	15 35	1 50	31 41	8 2	12 37	12 43	19 46		n.a.
W15	8 57	8 44	1 15	7 47	0 14	13 29	1 25	24 52	1 1	1 37	1 41	11 18	1 35	7 31	0 25	15 36	1 50	31 41	8 2	12 37	12 44	19 46		n.a.
T 16	8 35	4 39	2 21	6 47	0 3	13 3	1 25	24 51	1 2	1 40	1 41	11 20	1 35	7 32	0 25	15 36	1 50	31 41	8 2	12 37	12 45	19 46		n.a.
F 17	8 13	0 17	3 22	5 47	0n 7	12 35	1 24	24 50	1 3	1 43	1 41	11 22	1 35	7 33	0 25	15 37	1 50	31 41	8 1	12 37	12 46	19 46		n.a.
S 18	7 51	4s10	4 12	4 46	0 18	12 8	1 24	24 49	1 5	1 46	1 41	11 24	1 35	7 34	0 25	15 37	1 50	31 41	8 1	12 38	12 48	19 47		n.a.
S 19	7 28	8 28	4 50	3 46	0 29	11 40	1 23	24 47	1 6	1 49	1 41	11 27	1 34	7 35	0 25	15 38	1 50	31 41	8 1	12 39	12 49	19 47		n.a.
M20	7 6	12 24	5 11	2 45	0 40	11 12	1 23	24 46	1 7	1 51	1 41	11 29	1 34	7 36	0 25	15 38	1 50	31 41	8 1	12 39	12 50	19 47		n.a.
T 21	6 43	15 42	5 15	1 46	0 51	10 44	1 22	24 44	1 8	1 54	1 41	11 31	1 34	7 37	0 25	15 39	1 50	31 40	8 1	12 40	12 51	19 48		n.a.
W22	6 21	18 8	5 0	0 47	1 1	10 15	1 21	24 42	1 9	1 57	1 41	11 33	1 34	7 39	0 25	15 39	1 50	31 40	8 1	12 40	12 52	19 48		n.a.
T 23	5 58	19 28	4 27	0n11	1 12	9 47	1 21	24 39	1 10	2 0	1 41	11 36	1 34	7 40	0 25	15 40	1 50	31 40	8 1	12 39	12 53	19 48		n.a.
F 24	5 35	19 34	3 37	1 8	1 22	9 18	1 20	24 37	1 11	2 3	1 41	11 38	1 33	7 41	0 25	15 40	1 49	31 40	8 0	12 39	12 54	19 48		n.a.
S 25	5 12	18 24	2 33	2 3	1 31	8 48	1 19	24 34	1 12	2 6	1 41	11 40	1 33	7 42	0 25	15 41	1 49	31 40	8 0	12 39	12 55	19 49		n.a.
S 26	4 49	16 3	1 20	2 57	1 40	8 19	1 18	24 31	1 13	2 9	1 41	11 42	1 33	7 43	0 25	15 41	1 49	31 40	8 0	12 38	12 56	19 49		n.a.
M27	4 26	12 43	0 2	3 49	1 49	7 49	1 17	24 27	1 15	2 12	1 41	11 45	1 33	7 45	0 25	15 42	1 49	31 40	8 0	12 38	12 57	19 49		n.a.
T 28	4 3	8 40	1s16	4 40	1 57	7 19	1 16	24 24	1 16	2 15	1 41	11 47	1 33	7 46	0 25	15 42	1 49	31 39	8 0	12 38	12 59	19 49		n.a.
W29	3 40	4 13	2 27	5 28	2 4	6 49	1 15	24 20	1 17	2 18	1 41	11 50	1 33	7 47	0 24	15 43	1 49	31 39	8 0	12 39	13 0	19 50		n.a.
T 30	3 17	0n22	3 28	6 15	2 11	6 18	1 14	24 16	1 18	2 21	1 41	11 52	1 32	7 48	0 24	15 43	1 49	31 39	8 0	12 40	13 1	19 50		n.a.
F 31	2s54	4n49	4s17	6n59	2n17	5s48	1s12	24s11	1s19	2n24	1n41	11n54	1s32	7n50	0s24	15n43	1n49	31n39	7n59	12n41	13n 2	19n50		n.a.

Julian Day Number = 989521.5, Delta T = 13h04m10s
Ecliptic obliquity = 23°55'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'58, Lahiri = -31°34'57 Julian Calendar 1 March 2004 BCE == Greg. Calendar 12 Feb. 2004 BCE

The year -2003 astronomical counting style corresponds to year 2004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

APRIL 2004 BCE (-2003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 29 39	23♓47'51	5♉ 6	13♈40	19♓35	17♑14	27°R45	4♉49	20♈39	23°R20	22♊ 1	27°R 8	26♌10	6♋49	n.a.	S 1
S 2	11 33 36	24°45'25	17°47	15°10	20°49	17°59	27♍37	4°55	20°42	23♌18	22° 1	27♌ 5	26° 7	6°56	n.a.	S 2
M 3	11 37 32	25°42'57	0♊10	16°36	22° 2	18°43	27°29	5° 2	20°46	23°17	22° 2	27° 1	26° 4	7° 2	n.a.	M 3
T 4	11 41 29	26°40'27	12°18	17°59	23°16	19°27	27°22	5° 9	20°49	23°16	22° 2	26°59	26° 0	7° 9	n.a.	T 4
W 5	11 45 25	27°37'56	24°16	19°18	24°30	20°11	27°14	5°16	20°52	23°14	22° 2	26°D58	25°57	7°16	n.a.	W 5
T 6	11 49 22	28°35'23	6♋ 8	20°34	25°43	20°55	27° 7	5°23	20°56	23°13	22° 3	26°58	25°54	7°22	n.a.	T 6
F 7	11 53 19	29°32'49	18° 0	21°45	26°57	21°39	26°59	5°29	20°59	23°12	22° 3	26°59	25°51	7°29	n.a.	F 7
S 8	11 57 15	0♈30'13	29°55	22°53	28°11	22°22	26°51	5°36	21° 2	23°11	22° 4	27° 1	25°48	7°36	n.a.	S 8
S 9	12 1 12	1°27'36	11♌59	23°57	29°24	23° 6	26°44	5°43	21° 6	23° 9	22° 4	27° 3	25°44	7°43	n.a.	S 9
M10	12 5 8	2°24'57	24°16	24°58	0♈38	23°50	26°36	5°50	21° 9	23° 8	22° 5	27°R 3	25°41	7°49	n.a.	M10
T 11	12 9 5	3°22'17	6♍48	25°54	1°52	24°34	26°29	5°57	21°13	23° 7	22° 5	27° 3	25°38	7°56	n.a.	T 11
W12	12 13 1	4°19'36	19°39	26°46	3° 5	25°17	26°21	6° 4	21°16	23° 6	22° 6	27° 1	25°35	8° 3	n.a.	W12
T 13	12 16 58	5°16'54	2♎48	27°34	4°19	26° 1	26°14	6°12	21°19	23° 5	22° 7	26°57	25°32	8° 9	n.a.	T 13
F 14	12 20 54	6°14'10	16°16	28°18	5°33	26°45	26° 6	6°19	21°23	23° 4	22° 7	26°52	25°29	8°16	n.a.	F 14
S 15	12 24 51	7°11'26	29°59	28°58	6°46	27°28	25°59	6°26	21°26	23° 3	22° 8	26°46	25°25	8°23	n.a.	S 15
S 16	12 28 47	8° 8'40	13♏57	29°33	8° 0	28°11	25°51	6°33	21°30	23° 2	22° 9	26°40	25°22	8°29	n.a.	S 16
M17	12 32 44	9° 5'54	28° 3	0♉ 4	9°13	28°55	25°44	6°41	21°33	23° 0	22° 9	26°34	25°19	8°36	n.a.	M17
T 18	12 36 41	10° 3'08	12♐14	0°30	10°27	29°38	25°37	6°48	21°37	22°59	22°10	26°29	25°16	8°43	n.a.	T 18
W19	12 40 37	11° 0'21	26°28	0°52	11°41	0♒21	25°30	6°55	21°40	22°59	22°11	26°27	25°13	8°49	n.a.	W19
T 20	12 44 34	11°57'33	10♑40	1°10	12°54	1° 5	25°23	7° 3	21°44	22°58	22°11	26°D26	25° 9	8°56	n.a.	T 20
F 21	12 48 30	12°54'45	24°50	1°23	14° 8	1°48	25°16	7°10	21°47	22°57	22°12	26°26	25° 6	9° 3	n.a.	F 21
S 22	12 52 27	13°51'56	8♒55	1°31	15°22	2°31	25° 9	7°17	21°51	22°56	22°13	26°27	25° 3	9° 9	n.a.	S 22
S 23	12 56 23	14°49'07	22°54	1°R34	16°35	3°14	25° 2	7°25	21°54	22°55	22°14	26°R28	25° 0	9°16	n.a.	S 23
M24	13 0 20	15°46'17	6♓46	1°33	17°49	3°57	24°55	7°32	21°58	22°54	22°15	26°28	24°57	9°23	n.a.	M24
T 25	13 4 17	16°43'27	20°29	1°28	19° 3	4°39	24°49	7°40	22° 1	22°53	22°16	26°25	24°54	9°30	n.a.	T 25
W26	13 8 13	17°40'36	4♈ 1	1°19	20°16	5°22	24°42	7°48	22° 5	22°52	22°17	26°21	24°50	9°36	n.a.	W26
T 27	13 12 10	18°37'44	17°21	1° 5	21°30	6° 5	24°36	7°55	22° 9	22°52	22°18	26°14	24°47	9°43	n.a.	T 27
F 28	13 16 6	19°34'53	0♉26	0°47	22°44	6°47	24°29	8° 3	22°12	22°51	22°19	26° 5	24°44	9°50	n.a.	F 28
S 29	13 20 3	20°32'00	13°16	0°26	23°57	7°30	24°23	8°10	22°16	22°50	22°20	25°56	24°41	9°56	n.a.	S 29
S 30	13 23 59	21♈29'07	25♉50	0♉ 2	25♈11	8♒12	24♍17	8♉18	22♈19	22♌50	22♊21	25♌46	24♌38	10♋ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s31	8n56	4s51	7n41	2n23	5s17	1s11	24s 7	1s20	2n27	1n41	11n57	1s32	7n51	0s24	15n44	1n49	31n39	7n59	12n43	13n 3	19n50		n.a.
S 2	2 7	12 32	5 9	8 21	2 28	4 47	1 10	24 2	1 21	2 30	1 41	11 59	1 32	7 52	0 24	15 44	1 49	31 39	7 59	12 44	13 4	19 51		n.a.
M 3	1 44	15 30	5 13	8 59	2 32	4 16	1 8	23 57	1 22	2 33	1 41	12 2	1 32	7 53	0 24	15 45	1 49	31 39	7 59	12 45	13 5	19 51		n.a.
T 4	1 21	17 44	5 2	9 34	2 35	3 45	1 7	23 51	1 23	2 36	1 41	12 4	1 31	7 55	0 24	15 45	1 49	31 38	7 59	12 46	13 6	19 51		n.a.
W 5	0 58	19 9	4 39	10 7	2 37	3 14	1 5	23 46	1 25	2 39	1 41	12 6	1 31	7 56	0 24	15 46	1 49	31 38	7 59	12 46	13 7	19 51		n.a.
T 6	0 34	19 44	4 3	10 38	2 39	2 42	1 4	23 40	1 26	2 42	1 41	12 9	1 31	7 57	0 24	15 46	1 49	31 38	7 58	12 46	13 8	19 52		n.a.
F 7	0 11	19 25	3 17	11 6	2 39	2 11	1 2	23 34	1 27	2 45	1 41	12 11	1 31	7 58	0 24	15 46	1 49	31 38	7 58	12 46	13 10	19 52		n.a.
S 8	0n12	18 15	2 23	11 32	2 39	1 40	1 1	23 28	1 28	2 48	1 41	12 14	1 31	8 0	0 24	15 47	1 49	31 38	7 58	12 45	13 11	19 52		n.a.
S 9	0 36	16 14	1 21	11 55	2 38	1 8	0 59	23 22	1 29	2 51	1 40	12 16	1 31	8 1	0 24	15 47	1 49	31 38	7 58	12 45	13 12	19 52		n.a.
M10	0 59	13 28	0 15	12 16	2 36	0 37	0 57	23 15	1 30	2 54	1 40	12 19	1 30	8 2	0 24	15 48	1 49	31 38	7 58	12 44	13 13	19 52		n.a.
T 11	1 22	10 0	0n53	12 35	2 34	0 5	0 55	23 8	1 31	2 57	1 40	12 21	1 30	8 4	0 24	15 48	1 49	31 38	7 58	12 44	13 14	19 53		n.a.
W12	1 45	6 1	2 0	12 51	2 30	0n26	0 54	23 1	1 32	3 0	1 40	12 24	1 30	8 5	0 24	15 48	1 49	31 38	7 58	12 45	13 15	19 53		n.a.
T 13	2 8	1 38	3 2	13 4	2 26	0 58	0 52	22 54	1 33	3 3	1 40	12 26	1 30	8 6	0 24	15 49	1 49	31 37	7 57	12 46	13 16	19 53		n.a.
F 14	2 31	2s54	3 56	13 15	2 20	1 29	0 50	22 46	1 34	3 6	1 40	12 29	1 30	8 8	0 24	15 49	1 49	31 37	7 57	12 48	13 17	19 53		n.a.
S 15	2 55	7 23	4 37	13 24	2 14	2 0	0 48	22 39	1 36	3 9	1 40	12 32	1 30	8 9	0 24	15 49	1 49	31 37	7 57	12 50	13 18	19 53		n.a.
S 16	3 18	11 33	5 2	13 30	2 6	2 32	0 46	22 31	1 37	3 12	1 40	12 34	1 30	8 10	0 24	15 50	1 49	31 37	7 57	12 53	13 19	19 54		n.a.
M17	3 41	15 6	5 9	13 34	1 58	3 3	0 44	22 23	1 38	3 15	1 39	12 37	1 29	8 12	0 24	15 50	1 49	31 37	7 57	12 55	13 20	19 54		n.a.
T 18	4 4	17 48	4 58	13 35	1 49	3 35	0 42	22 15	1 39	3 17	1 39	12 39	1 29	8 13	0 24	15 50	1 49	31 37	7 57	12 56	13 22	19 54		n.a.
W19	4 26	19 24	4 28	13 33	1 39	4 6	0 40	22 6	1 40	3 20	1 39	12 42	1 29	8 14	0 24	15 50	1 49	31 37	7 57	12 57	13 23	19 54		n.a.
T 20	4 49	19 48	3 42	13 29	1 28	4 37	0 38	21 58	1 41	3 23	1 39	12 44	1 29	8 16	0 24	15 51	1 49	31 37	7 56	12 57	13 24	19 54		n.a.
F 21	5 12	18 56	2 42	13 23	1 16	5 8	0 36	21 49	1 42	3 26	1 39	12 47	1 29	8 17	0 24	15 51	1 49	31 37	7 56	12 57	13 25	19 54		n.a.
S 22	5 35	16 54	1 33	13 14	1 4	5 39	0 34	21 40	1 43	3 28	1 39	12 50	1 29	8 18	0 24	15 51	1 49	31 37	7 56	12 57	13 26	19 55		n.a.
S 23	5 57	13 51	0 19	13 2	0 50	6 10	0 32	21 31	1 44	3 31	1 38	12 52	1 29	8 20	0 24	15 52	1 49	31 37	7 56	12 57	13 27	19 55		n.a.
M24	6 20	10 4	0s55	12 49	0 36	6 41	0 29	21 22	1 45	3 33	1 38	12 55	1 28	8 21	0 24	15 52	1 49	31 36	7 56	12 57	13 28	19 55		n.a.
T 25	6 42	5 46	2 6	12 33	0 21	7 11	0 27	21 12	1 46	3 36	1 38	12 57	1 28	8 22	0 24	15 52	1 49	31 36	7 56	12 58	13 29	19 55		n.a.
W26	7 4	1 14	3 8	12 15	0 6	7 42	0 25	21 3	1 47	3 38	1 38	13 0	1 28	8 24	0 24	15 52	1 48	31 36	7 56	12 59	13 30	19 55		n.a.
T 27	7 27	3n17	3 59	11 56	0s10	8 12	0 23	20 53	1 48	3 41	1 38	13 3	1 28	8 25	0 24	15 52	1 48	31 36	7 56	13 2	13 31	19 55		n.a.
F 28	7 49	7 33	4 36	11 34	0 26	8 42	0 20	20 43	1 50	3 43	1 37	13 5	1 28	8 27	0 24	15 53	1 48	31 36	7 55	13 4	13 32	19 55		n.a.
S 29	8 11	11 24	4 58	11 11	0 43	9 12	0 18	20 33	1 51	3 45	1 37	13 8	1 28	8 28	0 24	15 53	1 48	31 36	7 55	13 8	13 33	19 56		n.a.
S 30	8n32	14n40	5s 5	10n47	1s 0	9n42	0s16	20s22	1s52	3n48	1n37	13n10	1s28	8n29	0s24	15n53	1n48	31n36	7n55	13n11	13n35	19n56		n.a.

Julian Day Number = 989552.5, Delta T = 13h04m08s
Ecliptic obliquity = 23°55'22, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'53, Lahiri = -31°34'53 Julian Calendar 1 Apr. 2004 BCE == Greg. Calendar 15 March 2004 BCE

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

MAY 2004 BCE (-2003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 27 56	22♈26'13	8♊ 9	29°R34	26♈25	8♒55	24°R11	8♉26	22♈23	22°R49	22♊22	25°R38	24♌35	10♋10	n.a.	M 1
T 2	13 31 52	23°23'19	20°16	29♈ 4	27°38	9°37	24♍ 5	8°33	22°26	22♌48	22°23	25♌31	24°31	10°16	n.a.	T 2
W 3	13 35 49	24°20'24	2♋12	28°33	28°52	10°19	23°59	8°41	22°30	22°48	22°24	25°26	24°28	10°23	n.a.	W 3
T 4	13 39 46	25°17'28	14° 3	27°59	0♉ 6	11° 1	23°54	8°49	22°33	22°47	22°25	25°24	24°25	10°30	n.a.	T 4
F 5	13 43 42	26°14'32	25°54	27°25	1°19	11°43	23°48	8°57	22°37	22°47	22°26	25°D23	24°22	10°36	n.a.	F 5
S 6	13 47 39	27°11'35	7♌49	26°51	2°33	12°25	23°43	9° 4	22°41	22°46	22°27	25°24	24°19	10°43	n.a.	S 6
S 7	13 51 35	28° 8'38	19°53	26°17	3°47	13° 7	23°38	9°12	22°44	22°46	22°29	25°R24	24°15	10°50	n.a.	S 7
M 8	13 55 32	29° 5'40	2♍13	25°43	5° 0	13°48	23°33	9°20	22°48	22°45	22°30	25°24	24°12	10°56	n.a.	M 8
T 9	13 59 28	0♉ 2'41	14°51	25°12	6°14	14°30	23°28	9°28	22°51	22°45	22°31	25°22	24° 9	11° 3	n.a.	T 9
W10	14 3 25	0°59'42	27°52	24°42	7°27	15°11	23°23	9°36	22°55	22°44	22°32	25°19	24° 6	11°10	n.a.	W10
T 11	14 7 21	1°56'43	11♎16	24°15	8°41	15°53	23°18	9°43	22°58	22°44	22°33	25°12	24° 3	11°16	n.a.	T 11
F 12	14 11 18	2°53'44	25° 4	23°50	9°55	16°34	23°14	9°51	23° 2	22°44	22°35	25° 4	24° 0	11°23	n.a.	F 12
S 13	14 15 15	3°50'45	9♏12	23°29	11° 8	17°15	23°10	9°59	23° 5	22°43	22°36	24°54	23°56	11°30	n.a.	S 13
S 14	14 19 11	4°47'45	23°36	23°12	12°22	17°56	23° 5	10° 7	23° 9	22°43	22°37	24°43	23°53	11°36	n.a.	S 14
M15	14 23 8	5°44'46	8♐ 9	22°59	13°36	18°37	23° 1	10°15	23°12	22°43	22°39	24°34	23°50	11°43	n.a.	M15
T 16	14 27 4	6°41'47	22°43	22°51	14°49	19°18	22°58	10°23	23°16	22°43	22°40	24°26	23°47	11°50	n.a.	T 16
W17	14 31 1	7°38'48	7♑14	22°D47	16° 3	19°59	22°54	10°31	23°19	22°43	22°41	24°21	23°44	11°57	n.a.	W17
T 18	14 34 57	8°35'50	21°36	22°47	17°17	20°39	22°50	10°38	23°23	22°42	22°43	24°18	23°40	12° 3	n.a.	T 18
F 19	14 38 54	9°32'52	5♒47	22°53	18°30	21°20	22°47	10°46	23°26	22°42	22°44	24°D17	23°37	12°10	n.a.	F 19
S 20	14 42 51	10°29'55	19°44	23° 3	19°44	22° 0	22°44	10°54	23°30	22°42	22°46	24°R17	23°34	12°17	n.a.	S 20
S 21	14 46 47	11°26'58	3♓30	23°19	20°58	22°41	22°41	11° 2	23°33	22°42	22°47	24°17	23°31	12°23	n.a.	S 21
M22	14 50 44	12°24'01	17° 2	23°40	22°12	23°21	22°38	11°10	23°36	22°D42	22°49	24°15	23°28	12°30	n.a.	M22
T 23	14 54 40	13°21'05	0♈23	24° 5	23°25	24° 1	22°36	11°18	23°40	22°42	22°50	24°11	23°25	12°37	n.a.	T 23
W24	14 58 37	14°18'10	13°33	24°36	24°39	24°41	22°33	11°26	23°43	22°42	22°52	24° 5	23°21	12°43	n.a.	W24
T 25	15 2 33	15°15'15	26°32	25°12	25°53	25°20	22°31	11°34	23°47	22°42	22°53	23°55	23°18	12°50	n.a.	T 25
F 26	15 6 30	16°12'21	9♉18	25°53	27° 6	26° 0	22°29	11°41	23°50	22°42	22°55	23°43	23°15	12°57	n.a.	F 26
S 27	15 10 27	17° 9'27	21°53	26°38	28°20	26°39	22°27	11°49	23°53	22°43	22°56	23°30	23°12	13° 3	n.a.	S 27
S 28	15 14 23	18° 6'33	4♊15	27°29	29°34	27°19	22°25	11°57	23°57	22°43	22°58	23°17	23° 9	13°10	n.a.	S 28
M29	15 18 20	19° 3'40	16°27	28°24	0♊47	27°58	22°24	12° 5	24° 0	22°43	22°59	23° 5	23° 6	13°17	n.a.	M29
T 30	15 22 16	20° 0'47	28°28	29°24	2° 1	28°37	22°22	12°13	24° 3	22°43	23° 1	22°55	23° 2	13°23	n.a.	T 30
W31	15 26 13	20♉57'55	10♋21	0♉29	3♊15	29♒16	22♍21	12♉21	24♈ 6	22♌44	23♊ 3	22♌48	22♌59	13♋30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	8n54	17n12	4s58	10n21	1s16	10n11	0s13	20s12	1s53	3n50	1n37	13n13	1s28	8n31	0s24	15n53	1n48	31n36	7n55	13n14	13n36	19n56			n.a.
T 2	9 16	18 56	4 38	9 55	1 33	10 40	0 11	20 2	1 54	3 52	1 37	13 16	1 28	8 32	0 24	15 53	1 48	31 36	7 55	13 16	13 37	19 56			n.a.
W 3	9 37	19 49	4 5	9 29	1 49	11 9	0 9	19 51	1 55	3 54	1 36	13 18	1 27	8 33	0 24	15 54	1 48	31 36	7 55	13 18	13 38	19 56			n.a.
T 4	9 59	19 48	3 23	9 2	2 5	11 38	0 6	19 40	1 56	3 56	1 36	13 21	1 27	8 35	0 24	15 54	1 48	31 36	7 55	13 19	13 39	19 56			n.a.
F 5	10 20	18 55	2 31	8 35	2 20	12 6	0 4	19 29	1 57	3 58	1 36	13 24	1 27	8 36	0 24	15 54	1 48	31 36	7 55	13 19	13 40	19 56			n.a.
S 6	10 41	17 12	1 33	8 9	2 35	12 35	0 2	19 18	1 58	4 0	1 36	13 26	1 27	8 37	0 24	15 54	1 48	31 36	7 55	13 19	13 41	19 56			n.a.
S 7	11 2	14 41	0 29	7 44	2 49	13 2	0n 1	19 7	1 59	4 2	1 35	13 29	1 27	8 39	0 24	15 54	1 48	31 36	7 54	13 19	13 42	19 56			n.a.
M 8	11 22	11 28	0n36	7 20	3 1	13 30	0 3	18 56	2 0	4 4	1 35	13 31	1 27	8 40	0 24	15 54	1 48	31 36	7 54	13 19	13 43	19 57			n.a.
T 9	11 43	7 39	1 42	6 57	3 13	13 57	0 6	18 44	2 1	4 5	1 35	13 34	1 27	8 41	0 24	15 54	1 48	31 36	7 54	13 19	13 44	19 57			n.a.
W10	12 3	3 22	2 44	6 37	3 23	14 24	0 8	18 33	2 2	4 7	1 34	13 37	1 27	8 43	0 24	15 54	1 48	31 36	7 54	13 21	13 45	19 57			n.a.
T 11	12 23	1s12	3 39	6 18	3 32	14 51	0 10	18 21	2 3	4 9	1 34	13 39	1 27	8 44	0 24	15 54	1 48	31 36	7 54	13 23	13 46	19 57			n.a.
F 12	12 43	5 50	4 22	6 2	3 40	15 17	0 13	18 9	2 4	4 10	1 34	13 42	1 26	8 45	0 24	15 55	1 48	31 36	7 54	13 26	13 47	19 57			n.a.
S 13	13 3	10 15	4 51	5 48	3 47	15 43	0 15	17 57	2 5	4 12	1 34	13 44	1 26	8 47	0 24	15 55	1 48	31 36	7 54	13 29	13 49	19 57			n.a.
S 14	13 23	14 10	5 2	5 36	3 52	16 8	0 17	17 45	2 6	4 13	1 33	13 47	1 26	8 48	0 24	15 55	1 48	31 36	7 54	13 33	13 50	19 57			n.a.
M15	13 42	17 16	4 54	5 28	3 56	16 33	0 20	17 33	2 7	4 15	1 33	13 50	1 26	8 49	0 24	15 55	1 48	31 36	7 54	13 36	13 51	19 57			n.a.
T 16	14 1	19 17	4 27	5 22	3 59	16 58	0 22	17 21	2 8	4 16	1 33	13 52	1 26	8 51	0 24	15 55	1 48	31 36	7 54	13 38	13 52	19 57			n.a.
W17	14 20	20 1	3 42	5 20	4 0	17 22	0 24	17 9	2 9	4 17	1 32	13 55	1 26	8 52	0 24	15 55	1 48	31 36	7 53	13 40	13 53	19 57			n.a.
T 18	14 39	19 27	2 44	5 20	4 0	17 45	0 27	16 56	2 10	4 18	1 32	13 57	1 26	8 53	0 24	15 55	1 47	31 36	7 53	13 41	13 54	19 57			n.a.
F 19	14 58	17 39	1 37	5 23	3 59	18 9	0 29	16 44	2 11	4 19	1 32	14 0	1 26	8 55	0 24	15 55	1 47	31 36	7 53	13 42	13 55	19 57			n.a.
S 20	15 16	14 49	0 24	5 29	3 56	18 32	0 31	16 32	2 12	4 20	1 32	14 2	1 26	8 56	0 24	15 55	1 47	31 36	7 53	13 42	13 56	19 57			n.a.
S 21	15 34	11 11	0s49	5 38	3 53	18 54	0 34	16 19	2 13	4 21	1 31	14 5	1 26	8 57	0 24	15 55	1 47	31 36	7 53	13 42	13 57	19 57			n.a.
M22	15 52	7 1	1 57	5 50	3 49	19 16	0 36	16 6	2 14	4 22	1 31	14 8	1 26	8 59	0 24	15 55	1 47	31 36	7 53	13 42	13 58	19 57			n.a.
T 23	16 10	2 34	2 59	6 5	3 43	19 37	0 38	15 54	2 15	4 23	1 31	14 10	1 26	9 0	0 24	15 54	1 47	31 36	7 53	13 44	13 59	19 58			n.a.
W24	16 27	1n57	3 49	6 22	3 37	19 58	0 40	15 41	2 15	4 23	1 30	14 13	1 26	9 1	0 24	15 54	1 47	31 36	7 53	13 46	14 0	19 58			n.a.
T 25	16 44	6 17	4 27	6 42	3 30	20 18	0 42	15 28	2 16	4 24	1 30	14 15	1 25	9 2	0 24	15 54	1 47	31 36	7 53	13 49	14 1	19 58			n.a.
F 26	17 1	10 17	4 51	7 4	3 22	20 38	0 45	15 15	2 17	4 25	1 30	14 18	1 25	9 4	0 24	15 54	1 47	31 36	7 53	13 53	14 2	19 58			n.a.
S 27	17 18	13 46	5 0	7 29	3 13	20 57	0 47	15 2	2 18	4 25	1 29	14 20	1 25	9 5	0 24	15 54	1 47	31 36	7 53	13 57	14 4	19 58			n.a.
S 28	17 34	16 36	4 55	7 56	3 3	21 15	0 49	14 49	2 19	4 26	1 29	14 23	1 25	9 6	0 24	15 54	1 47	31 36	7 53	14 2	14 5	19 58			n.a.
M29	17 50	18 38	4 36	8 26	2 53	21 33	0 51	14 36	2 20	4 26	1 29	14 25	1 25	9 7	0 24	15 54	1 47	31 36	7 53	14 6	14 6	19 58			n.a.
T 30	18 6	19 50	4 5	8 57	2 43	21 51	0 53	14 23	2 21	4 26	1 28	14 28	1 25	9 9	0 24	15 54	1 47	31 36	7 53	14 9	14 7	19 58			n.a.
W31	18n22	20n 7	3s24	9n30	2s32	22n 7	0n55	14s10	2s22	4n26	1n28	14n30	1s25	9n10	0s24	15n54	1n47	31n36	7n53	14n12	14n 8	19n58			n.a.

Julian Day Number = 989582.5, Delta T = 13h04m06s
Ecliptic obliquity = 23°55'22, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'49, Lahiri = -31°34'49 Julian Calendar 1 May 2004 BCE == Greg. Calendar 14 Apr. 2004 BCE

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

JUNE 2004 BCE (-2003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 30 9	21♉55'03	22♋10	1♉38	4♊29	29♒54	22°R20	12♉28	24♈10	22♌44	23♊ 4	22°R43	22♌56	13♋37	n.a.	T 1
F 2	15 34 6	22°52'12	3♌58	2°52	5°42	0♓33	22♍19	12°36	24°13	22°44	23° 6	22♌40	22°53	13°43	n.a.	F 2
S 3	15 38 2	23°49'20	15°51	4°11	6°56	1°11	22°18	12°44	24°16	22°45	23° 7	22°40	22°50	13°50	n.a.	S 3
S 4	15 41 59	24°46'30	27°54	5°33	8°10	1°49	22°18	12°52	24°19	22°45	23° 9	22°40	22°46	13°57	n.a.	S 4
M 5	15 45 56	25°43'39	10♍13	7° 1	9°24	2°27	22°18	13° 0	24°22	22°46	23°11	22°39	22°43	14° 3	n.a.	M 5
T 6	15 49 52	26°40'50	22°51	8°32	10°37	3° 5	22°D18	13° 7	24°26	22°46	23°13	22°37	22°40	14°10	n.a.	T 6
W 7	15 53 49	27°38'00	5♎54	10° 7	11°51	3°43	22°18	13°15	24°29	22°46	23°14	22°33	22°37	14°17	n.a.	W 7
T 8	15 57 45	28°35'11	19°25	11°46	13° 5	4°21	22°18	13°23	24°32	22°47	23°16	22°27	22°34	14°23	n.a.	T 8
F 9	16 1 42	29°32'23	3♏24	13°29	14°18	4°58	22°18	13°30	24°35	22°48	23°18	22°18	22°31	14°30	n.a.	F 9
S 10	16 5 38	0♊29'36	17°47	15°15	15°32	5°35	22°19	13°38	24°38	22°48	23°19	22° 7	22°27	14°37	n.a.	S 10
S 11	16 9 35	1°26'50	2♐31	17° 5	16°46	6°12	22°20	13°46	24°41	22°49	23°21	21°56	22°24	14°43	n.a.	S 11
M12	16 13 32	2°24'04	17°26	18°57	18° 0	6°49	22°21	13°53	24°44	22°50	23°23	21°46	22°21	14°50	n.a.	M12
T 13	16 17 28	3°21'20	2♑25	20°52	19°13	7°26	22°22	14° 1	24°47	22°50	23°25	21°38	22°18	14°57	n.a.	T 13
W14	16 21 25	4°18'37	17°17	22°50	20°27	8° 2	22°23	14° 9	24°50	22°51	23°26	21°32	22°15	15° 4	n.a.	W14
T 15	16 25 21	5°15'55	1♒55	24°49	21°41	8°38	22°25	14°16	24°53	22°52	23°28	21°28	22°12	15°10	n.a.	T 15
F 16	16 29 18	6°13'15	16°17	26°50	22°54	9°14	22°27	14°24	24°56	22°53	23°30	21°D27	22° 8	15°17	n.a.	F 16
S 17	16 33 14	7°10'35	0♓18	28°53	24° 8	9°50	22°29	14°31	24°59	22°53	23°32	21°R27	22° 5	15°24	n.a.	S 17
S 18	16 37 11	8° 7'58	14° 0	0♊57	25°22	10°26	22°31	14°39	25° 1	22°54	23°34	21°27	22° 2	15°30	n.a.	S 18
M19	16 41 7	9° 5'21	27°24	3° 1	26°36	11° 1	22°33	14°46	25° 4	22°55	23°35	21°26	21°59	15°37	n.a.	M19
T 20	16 45 4	10° 2'46	10♈32	5° 6	27°49	11°36	22°35	14°53	25° 7	22°56	23°37	21°23	21°56	15°44	n.a.	T 20
W21	16 49 1	11° 0'13	23°25	7°10	29° 3	12°11	22°38	15° 1	25°10	22°57	23°39	21°17	21°52	15°50	n.a.	W21
T 22	16 52 57	11°57'41	6♉ 5	9°15	0♋17	12°46	22°41	15° 8	25°12	22°58	23°41	21° 8	21°49	15°57	n.a.	T 22
F 23	16 56 54	12°55'10	18°35	11°19	1°31	13°21	22°44	15°16	25°15	22°59	23°43	20°57	21°46	16° 4	n.a.	F 23
S 24	17 0 50	13°52'41	0♊54	13°23	2°44	13°55	22°47	15°23	25°18	23° 0	23°44	20°46	21°43	16°10	n.a.	S 24
S 25	17 4 47	14°50'14	13° 4	15°26	3°58	14°29	22°50	15°30	25°20	23° 1	23°46	20°33	21°40	16°17	n.a.	S 25
M26	17 8 43	15°47'48	25° 6	17°28	5°12	15° 3	22°54	15°37	25°23	23° 2	23°48	20°22	21°37	16°24	n.a.	M26
T 27	17 12 40	16°45'23	7♋ 0	19°29	6°26	15°36	22°57	15°44	25°25	23° 3	23°50	20°13	21°33	16°30	n.a.	T 27
W28	17 16 37	17°42'59	18°50	21°29	7°39	16°10	23° 1	15°52	25°28	23° 4	23°52	20° 6	21°30	16°37	n.a.	W28
T 29	17 20 33	18°40'37	0♌37	23°28	8°53	16°43	23° 5	15°59	25°30	23° 6	23°54	20° 2	21°27	16°44	n.a.	T 29
F 30	17 24 30	19♊38'16	12♌25	25♊25	10♋ 7	17♓15	23♍ 9	16♉ 6	25♈33	23♌ 7	23♊56	20♌ 0	21♌24	16♋50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n37	19n32	2s34	10n 5	2s20	22n24	0n57	13s57	2s23	4n26	1n28	14n33	1s25	9n11	0s24	15n53	1n47	31n36	7n53	14n13	14n 9	19n58		n.a.
F 2	18 52	18 5	1 37	10 42	2 9	22 39	0 59	13 44	2 24	4 26	1 27	14 35	1 25	9 12	0 24	15 53	1 47	31 36	7 53	14 14	14 10	19 58		n.a.
S 3	19 6	15 50	0 36	11 21	1 56	22 54	1 1	13 31	2 25	4 26	1 27	14 38	1 25	9 13	0 24	15 53	1 47	31 36	7 52	14 14	14 11	19 58		n.a.
S 4	19 21	12 53	0n28	12 1	1 44	23 8	1 2	13 18	2 25	4 26	1 27	14 40	1 25	9 15	0 24	15 53	1 47	31 36	7 52	14 14	14 12	19 58		n.a.
M 5	19 35	9 18	1 32	12 42	1 31	23 22	1 4	13 4	2 26	4 26	1 27	14 42	1 25	9 16	0 24	15 53	1 47	31 36	7 52	14 14	14 13	19 58		n.a.
T 6	19 48	5 13	2 33	13 24	1 19	23 35	1 6	12 51	2 27	4 26	1 26	14 45	1 25	9 17	0 24	15 53	1 46	31 36	7 52	14 15	14 14	19 58		n.a.
W 7	20 2	0 47	3 28	14 6	1 6	23 47	1 8	12 38	2 28	4 26	1 26	14 47	1 25	9 18	0 24	15 52	1 46	31 36	7 52	14 16	14 15	19 58		n.a.
T 8	20 15	3s51	4 13	14 50	0 53	23 58	1 9	12 25	2 29	4 25	1 26	14 50	1 25	9 19	0 24	15 52	1 46	31 37	7 52	14 19	14 16	19 58		n.a.
F 9	20 28	8 26	4 45	15 34	0 40	24 9	1 11	12 12	2 30	4 25	1 25	14 52	1 25	9 20	0 24	15 52	1 46	31 37	7 52	14 22	14 17	19 58		n.a.
S 10	20 40	12 41	5 0	16 18	0 28	24 19	1 12	11 58	2 30	4 24	1 25	14 54	1 25	9 22	0 24	15 52	1 46	31 37	7 52	14 25	14 18	19 58		n.a.
S 11	20 52	16 15	4 56	17 2	0 15	24 29	1 14	11 45	2 31	4 24	1 25	14 57	1 25	9 23	0 24	15 51	1 46	31 37	7 52	14 29	14 19	19 58		n.a.
M12	21 4	18 48	4 32	17 45	0 4	24 37	1 15	11 32	2 32	4 23	1 24	14 59	1 25	9 24	0 24	15 51	1 46	31 37	7 52	14 32	14 20	19 58		n.a.
T 13	21 15	20 5	3 49	18 28	0n 8	24 45	1 17	11 19	2 33	4 22	1 24	15 1	1 25	9 25	0 24	15 51	1 46	31 37	7 52	14 35	14 22	19 57		n.a.
W14	21 26	19 58	2 51	19 10	0 19	24 52	1 18	11 6	2 34	4 21	1 24	15 4	1 25	9 26	0 24	15 50	1 46	31 37	7 52	14 37	14 23	19 57		n.a.
T 15	21 37	18 29	1 42	19 50	0 30	24 59	1 20	10 52	2 35	4 20	1 23	15 6	1 25	9 27	0 24	15 50	1 46	31 37	7 52	14 38	14 24	19 57		n.a.
F 16	21 47	15 50	0 27	20 30	0 40	25 4	1 21	10 39	2 35	4 19	1 23	15 8	1 25	9 28	0 24	15 50	1 46	31 37	7 52	14 38	14 25	19 57		n.a.
S 17	21 57	12 19	0s47	21 7	0 50	25 9	1 22	10 26	2 36	4 18	1 23	15 10	1 25	9 29	0 24	15 50	1 46	31 37	7 52	14 38	14 26	19 57		n.a.
S 18	22 6	8 12	1 57	21 43	0 58	25 13	1 23	10 13	2 37	4 17	1 22	15 13	1 24	9 30	0 24	15 49	1 46	31 37	7 52	14 38	14 27	19 57		n.a.
M19	22 15	3 46	2 59	22 16	1 7	25 17	1 24	10 0	2 38	4 16	1 22	15 15	1 24	9 31	0 24	15 49	1 46	31 38	7 52	14 39	14 28	19 57		n.a.
T 20	22 24	0n44	3 50	22 48	1 14	25 19	1 25	9 47	2 38	4 15	1 22	15 17	1 24	9 32	0 24	15 48	1 46	31 38	7 52	14 40	14 29	19 57		n.a.
W21	22 33	5 8	4 28	23 16	1 21	25 21	1 26	9 34	2 39	4 13	1 21	15 19	1 24	9 33	0 24	15 48	1 46	31 38	7 52	14 42	14 30	19 57		n.a.
T 22	22 41	9 14	4 52	23 43	1 27	25 22	1 27	9 21	2 40	4 12	1 21	15 22	1 24	9 34	0 24	15 48	1 46	31 38	7 52	14 44	14 31	19 57		n.a.
F 23	22 48	12 52	5 2	24 7	1 32	25 23	1 28	9 8	2 41	4 10	1 21	15 24	1 24	9 35	0 24	15 47	1 46	31 38	7 52	14 48	14 32	19 57		n.a.
S 24	22 56	15 54	4 58	24 28	1 37	25 22	1 29	8 55	2 41	4 9	1 20	15 26	1 24	9 36	0 24	15 47	1 46	31 38	7 53	14 52	14 33	19 57		n.a.
S 25	23 2	18 12	4 40	24 46	1 40	25 21	1 29	8 43	2 42	4 7	1 20	15 28	1 24	9 37	0 24	15 47	1 46	31 38	7 53	14 56	14 34	19 57		n.a.
M26	23 9	19 40	4 10	25 2	1 44	25 19	1 30	8 30	2 43	4 6	1 20	15 30	1 24	9 38	0 24	15 46	1 45	31 38	7 53	14 59	14 35	19 57		n.a.
T 27	23 15	20 16	3 28	25 15	1 46	25 16	1 31	8 17	2 44	4 4	1 19	15 32	1 24	9 39	0 24	15 46	1 45	31 39	7 53	15 2	14 36	19 56		n.a.
W28	23 20	19 57	2 39	25 26	1 48	25 13	1 31	8 5	2 44	4 2	1 19	15 34	1 24	9 40	0 24	15 45	1 45	31 39	7 53	15 5	14 37	19 56		n.a.
T 29	23 26	18 46	1 42	25 34	1 49	25 8	1 31	7 52	2 45	4 0	1 19	15 36	1 24	9 41	0 24	15 45	1 45	31 39	7 53	15 6	14 38	19 56		n.a.
F 30	23n30	16n46	0s41	25n40	1n49	25n 3	1n32	7s40	2s46	3n58	1n18	15n39	1s24	9n42	0s24	15n44	1n45	31n39	7n53	15n 7	14n39	19n56		n.a.

Julian Day Number = 989613.5, Delta T = 13h04m04s
Ecliptic obliquity = 23°55'21, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'45, Lahiri = -31°34'45 Julian Calendar 1 June 2004 BCE == Greg. Calendar 15 May 2004 BCE

The year -2003 astronomical counting style corresponds to year 2004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

JULY 2004 BCE (-2003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 28 26	20♊35'57	24♘17	27♊21	11♋20	17♓48	23♍14	16♉13	25♈35	23♘ 8	23♊57	20°D 0	21♘21	16♋57	n.a.	S 1
S 2	17 32 23	21°33'38	6♍19	29°16	12°34	18°20	23°18	16°20	25°37	23° 9	23°59	20♘ 0	21°18	17° 4	n.a.	S 2
M 3	17 36 19	22°31'21	18°36	1♋ 9	13°48	18°52	23°23	16°27	25°40	23°10	24° 1	20°R 1	21°14	17°10	n.a.	M 3
T 4	17 40 16	23°29'05	1♎11	3° 1	15° 2	19°23	23°27	16°33	25°42	23°12	24° 3	20° 1	21°11	17°17	n.a.	T 4
W 5	17 44 12	24°26'51	14°12	4°51	16°15	19°55	23°32	16°40	25°44	23°13	24° 5	19°59	21° 8	17°24	n.a.	W 5
T 6	17 48 9	25°24'38	27°40	6°41	17°29	20°26	23°38	16°47	25°46	23°14	24° 7	19°55	21° 5	17°30	n.a.	T 6
F 7	17 52 5	26°22'26	11♏37	8°28	18°43	20°57	23°43	16°54	25°49	23°16	24° 9	19°49	21° 2	17°37	n.a.	F 7
S 8	17 56 2	27°20'16	26° 3	10°15	19°56	21°27	23°48	17° 0	25°51	23°17	24°10	19°42	20°58	17°44	n.a.	S 8
S 9	17 59 59	28°18'08	10♐53	12° 0	21°10	21°57	23°54	17° 7	25°53	23°19	24°12	19°34	20°55	17°50	n.a.	S 9
M10	18 3 55	29°16'01	25°59	13°43	22°24	22°27	24° 0	17°13	25°55	23°20	24°14	19°27	20°52	17°57	n.a.	M10
T 11	18 7 52	0♋13'56	11♑12	15°26	23°37	22°56	24° 5	17°20	25°57	23°22	24°16	19°21	20°49	18° 4	n.a.	T 11
W12	18 11 48	1°11'52	26°22	17° 7	24°51	23°25	24°11	17°26	25°59	23°23	24°18	19°17	20°46	18°10	n.a.	W12
T 13	18 15 45	2° 9'51	11♒18	18°46	26° 5	23°54	24°18	17°33	26° 1	23°25	24°20	19°15	20°43	18°17	n.a.	T 13
F 14	18 19 41	3° 7'52	25°55	20°25	27°18	24°23	24°24	17°39	26° 2	23°26	24°22	19°D15	20°39	18°24	n.a.	F 14
S 15	18 23 38	4° 5'54	10♓ 8	22° 2	28°32	24°51	24°30	17°45	26° 4	23°28	24°23	19°16	20°36	18°30	n.a.	S 15
S 16	18 27 35	5° 3'59	23°57	23°37	29°45	25°18	24°37	17°52	26° 6	23°30	24°25	19°17	20°33	18°37	n.a.	S 16
M17	18 31 31	6° 2'06	7♈22	25°12	0♘59	25°46	24°44	17°58	26° 8	23°31	24°27	19°R17	20°30	18°44	n.a.	M17
T 18	18 35 28	7° 0'15	20°26	26°45	2°12	26°13	24°51	18° 4	26° 9	23°33	24°29	19°16	20°27	18°50	n.a.	T 18
W19	18 39 24	7°58'26	3♉11	28°17	3°26	26°39	24°58	18°10	26°11	23°34	24°31	19°14	20°24	18°57	n.a.	W19
T 20	18 43 21	8°56'40	15°40	29°48	4°40	27° 5	25° 5	18°16	26°13	23°36	24°33	19° 9	20°20	19° 4	n.a.	T 20
F 21	18 47 17	9°54'55	27°58	1♘17	5°53	27°31	25°12	18°22	26°14	23°38	24°34	19° 3	20°17	19°10	n.a.	F 21
S 22	18 51 14	10°53'13	10♊ 5	2°45	7° 7	27°56	25°20	18°28	26°16	23°40	24°36	18°56	20°14	19°17	n.a.	S 22
S 23	18 55 10	11°51'33	22° 5	4°12	8°20	28°21	25°27	18°33	26°17	23°41	24°38	18°49	20°11	19°24	n.a.	S 23
M24	18 59 7	12°49'56	3♋59	5°37	9°34	28°46	25°35	18°39	26°18	23°43	24°40	18°43	20° 8	19°30	n.a.	M24
T 25	19 3 3	13°48'20	15°48	7° 2	10°47	29°10	25°43	18°45	26°20	23°45	24°42	18°38	20° 4	19°37	n.a.	T 25
W26	19 7 0	14°46'46	27°36	8°24	12° 1	29°33	25°51	18°50	26°21	23°47	24°43	18°34	20° 1	19°44	n.a.	W26
T 27	19 10 57	15°45'14	9♘24	9°46	13°14	29°56	25°59	18°56	26°22	23°49	24°45	18°32	19°58	19°50	n.a.	T 27
F 28	19 14 53	16°43'44	21°15	11° 5	14°28	0♈19	26° 7	19° 1	26°23	23°51	24°47	18°D32	19°55	19°57	n.a.	F 28
S 29	19 18 50	17°42'17	3♍11	12°24	15°41	0°41	26°16	19° 7	26°25	23°52	24°49	18°32	19°52	20° 4	n.a.	S 29
S 30	19 22 46	18°40'50	15°16	13°41	16°55	1° 2	26°24	19°12	26°26	23°54	24°50	18°34	19°49	20°10	n.a.	S 30
M31	19 26 43	19♋39'26	27♍34	14♘56	18♘ 8	1♈24	26♍33	19♉17	26♈27	23♘56	24♊52	18♘36	19♘45	20♋17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n35	14n 3	0n23	25n43	1n49	24n57	1n32	7s28	2s46	3n56	1n18	15n41	1s24	9n43	0s24	15n44	1n45	31n39	7n53	15n 7	14n40	19n56		n.a.
S 2	23 39	10 43	1 27	25 44	1 49	24 51	1 32	7 15	2 47	3 54	1 18	15 43	1 24	9 44	0 24	15 44	1 45	31 39	7 53	15 6	14 41	19 56		n.a.
M 3	23 42	6 51	2 27	25 43	1 47	24 44	1 33	7 3	2 48	3 52	1 18	15 45	1 24	9 44	0 24	15 43	1 45	31 39	7 53	15 6	14 42	19 56		n.a.
T 4	23 45	2 36	3 23	25 39	1 46	24 35	1 33	6 51	2 48	3 50	1 17	15 47	1 24	9 45	0 24	15 43	1 45	31 40	7 53	15 6	14 43	19 56		n.a.
W 5	23 48	1s53	4 9	25 33	1 44	24 27	1 33	6 39	2 49	3 47	1 17	15 49	1 24	9 46	0 24	15 42	1 45	31 40	7 53	15 7	14 44	19 56		n.a.
T 6	23 50	6 26	4 44	25 26	1 41	24 17	1 33	6 27	2 50	3 45	1 17	15 50	1 24	9 47	0 24	15 42	1 45	31 40	7 53	15 8	14 46	19 55		n.a.
F 7	23 52	10 49	5 4	25 16	1 38	24 7	1 33	6 16	2 50	3 43	1 16	15 52	1 24	9 48	0 24	15 41	1 45	31 40	7 53	15 10	14 47	19 55		n.a.
S 8	23 54	14 43	5 5	25 5	1 34	23 56	1 32	6 4	2 51	3 40	1 16	15 54	1 24	9 48	0 24	15 41	1 45	31 40	7 53	15 12	14 48	19 55		n.a.
S 9	23 55	17 48	4 46	24 52	1 30	23 44	1 32	5 52	2 52	3 38	1 16	15 56	1 24	9 49	0 24	15 40	1 45	31 40	7 53	15 15	14 49	19 55		n.a.
M10	23 55	19 44	4 7	24 37	1 26	23 32	1 32	5 41	2 52	3 35	1 15	15 58	1 25	9 50	0 24	15 39	1 45	31 41	7 54	15 17	14 50	19 55		n.a.
T 11	23 55	20 17	3 11	24 21	1 21	23 18	1 31	5 29	2 53	3 32	1 15	16 0	1 25	9 51	0 24	15 39	1 45	31 41	7 54	15 19	14 51	19 55		n.a.
W12	23 55	19 20	2 0	24 4	1 16	23 5	1 31	5 18	2 53	3 30	1 15	16 2	1 25	9 51	0 24	15 38	1 45	31 41	7 54	15 20	14 52	19 55		n.a.
T 13	23 54	17 3	0 43	23 45	1 11	22 50	1 30	5 7	2 54	3 27	1 15	16 3	1 25	9 52	0 24	15 38	1 45	31 41	7 54	15 21	14 53	19 54		n.a.
F 14	23 53	13 42	0s36	23 24	1 5	22 35	1 30	4 56	2 54	3 24	1 14	16 5	1 25	9 53	0 24	15 37	1 45	31 41	7 54	15 21	14 54	19 54		n.a.
S 15	23 51	9 37	1 51	23 3	0 59	22 19	1 29	4 45	2 55	3 21	1 14	16 7	1 25	9 53	0 24	15 37	1 45	31 42	7 54	15 21	14 55	19 54		n.a.
S 16	23 49	5 9	2 57	22 41	0 53	22 3	1 28	4 35	2 56	3 18	1 14	16 9	1 25	9 54	0 24	15 36	1 45	31 42	7 54	15 20	14 56	19 54		n.a.
M17	23 47	0 33	3 51	22 17	0 46	21 46	1 27	4 24	2 56	3 15	1 13	16 10	1 25	9 55	0 24	15 36	1 45	31 42	7 54	15 20	14 57	19 54		n.a.
T 18	23 44	3n57	4 32	21 53	0 40	21 28	1 26	4 14	2 57	3 12	1 13	16 12	1 25	9 55	0 24	15 35	1 45	31 42	7 54	15 21	14 58	19 54		n.a.
W19	23 41	8 9	4 58	21 27	0 33	21 10	1 25	4 3	2 57	3 9	1 13	16 14	1 25	9 56	0 24	15 34	1 45	31 42	7 55	15 21	14 59	19 53		n.a.
T 20	23 37	11 56	5 10	21 1	0 25	20 51	1 24	3 53	2 58	3 6	1 13	16 15	1 25	9 56	0 24	15 34	1 45	31 43	7 55	15 23	15 0	19 53		n.a.
F 21	23 33	15 8	5 6	20 34	0 18	20 31	1 23	3 43	2 58	3 3	1 12	16 17	1 25	9 57	0 24	15 33	1 44	31 43	7 55	15 25	15 1	19 53		n.a.
S 22	23 28	17 38	4 50	20 7	0 10	20 11	1 22	3 33	2 59	2 59	1 12	16 19	1 25	9 57	0 24	15 33	1 44	31 43	7 55	15 27	15 2	19 53		n.a.
S 23	23 23	19 21	4 20	19 38	0 3	19 51	1 21	3 24	2 59	2 56	1 12	16 20	1 25	9 58	0 24	15 32	1 44	31 43	7 55	15 29	15 3	19 53		n.a.
M24	23 17	20 12	3 39	19 10	0s 5	19 29	1 19	3 14	3 0	2 53	1 12	16 22	1 25	9 59	0 24	15 31	1 44	31 43	7 55	15 31	15 4	19 52		n.a.
T 25	23 11	20 10	2 49	18 41	0 13	19 8	1 18	3 5	3 0	2 49	1 11	16 23	1 25	9 59	0 24	15 31	1 44	31 44	7 55	15 33	15 5	19 52		n.a.
W26	23 5	19 14	1 52	18 11	0 21	18 45	1 16	2 56	3 0	2 46	1 11	16 25	1 25	9 59	0 24	15 30	1 44	31 44	7 55	15 34	15 6	19 52		n.a.
T 27	22 58	17 28	0 50	17 41	0 30	18 23	1 15	2 47	3 1	2 42	1 11	16 26	1 25	10 0	0 24	15 29	1 44	31 44	7 56	15 35	15 7	19 52		n.a.
F 28	22 51	14 56	0n15	17 11	0 38	17 59	1 13	2 38	3 1	2 39	1 11	16 28	1 25	10 0	0 24	15 29	1 44	31 44	7 56	15 35	15 8	19 52		n.a.
S 29	22 43	11 46	1 20	16 41	0 47	17 36	1 12	2 29	3 2	2 35	1 10	16 29	1 25	10 1	0 24	15 28	1 44	31 45	7 56	15 34	15 9	19 51		n.a.
S 30	22 35	8 5	2 22	16 10	0 55	17 11	1 10	2 21	3 2	2 31	1 10	16 31	1 25	10 1	0 24	15 27	1 44	31 45	7 56	15 34	15 10	19 51		n.a.
M31	22n27	4n 0	3n18	15n40	1s 4	16n47	1n 8	2s13	3s 2	2n28	1n10	16n32	1s25	10n 2	0s24	15n27	1n44	31n45	7n56	15n33	15n11	19n51		n.a.

Julian Day Number = 989643.5, Delta T = 13h04m01s
Ecliptic obliquity = 23°55'21, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'41, Lahiri = -31°34'41 Julian Calendar 1 July 2004 BCE == Greg. Calendar 14 June 2004 BCE

The year -2003 astronomical counting style corresponds to year 2004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

AUGUST 2004 BCE (-2003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 30 39	20♋38'04	10♎ 9	16♌ 9	19♌22	1♈44	26♍42	19♉22	26♈28	23♌58	24♊54	18♌37	19♌42	20♋24	n.a.	T 1
W 2	19 34 36	21°36'43	23° 6	17°21	20°35	2° 4	26°50	19°27	26°29	24° 0	24°56	18°R37	19°39	20°30	n.a.	W 2
T 3	19 38 32	22°35'25	6♏27	18°31	21°48	2°24	26°59	19°32	26°30	24° 2	24°57	18°37	19°36	20°37	n.a.	T 3
F 4	19 42 29	23°34'08	20°15	19°39	23° 2	2°42	27° 8	19°37	26°30	24° 4	24°59	18°35	19°33	20°44	n.a.	F 4
S 5	19 46 25	24°32'53	4♐31	20°45	24°15	3° 1	27°18	19°42	26°31	24° 6	25° 1	18°32	19°29	20°50	n.a.	S 5
S 6	19 50 22	25°31'40	19°12	21°49	25°28	3°19	27°27	19°47	26°32	24° 8	25° 2	18°29	19°26	20°57	n.a.	S 6
M 7	19 54 19	26°30'30	4♑13	22°50	26°42	3°36	27°36	19°51	26°33	24°10	25° 4	18°26	19°23	21° 4	n.a.	M 7
T 8	19 58 15	27°29'21	19°25	23°49	27°55	3°52	27°46	19°56	26°33	24°12	25° 6	18°24	19°20	21°10	n.a.	T 8
W 9	20 2 12	28°28'14	4♒39	24°45	29° 8	4° 8	27°56	20° 0	26°34	24°14	25° 7	18°22	19°17	21°17	n.a.	W 9
T 10	20 6 8	29°27'10	19°45	25°38	0♍21	4°24	28° 5	20° 4	26°34	24°16	25° 9	18°D22	19°14	21°24	n.a.	T 10
F 11	20 10 5	0♌26'07	4♓34	26°28	1°34	4°39	28°15	20° 9	26°35	24°18	25°10	18°22	19°10	21°30	n.a.	F 11
S 12	20 14 1	1°25'08	19° 1	27°14	2°48	4°53	28°25	20°13	26°35	24°20	25°12	18°23	19° 7	21°37	n.a.	S 12
S 13	20 17 58	2°24'10	3♈ 1	27°57	4° 1	5° 6	28°35	20°17	26°36	24°23	25°13	18°25	19° 4	21°44	n.a.	S 13
M14	20 21 54	3°23'15	16°34	28°36	5°14	5°19	28°45	20°21	26°36	24°25	25°15	18°26	19° 1	21°50	n.a.	M14
T 15	20 25 51	4°22'23	29°42	29°10	6°27	5°31	28°56	20°25	26°36	24°27	25°17	18°R26	18°58	21°57	n.a.	T 15
W16	20 29 47	5°21'33	12♉27	29°40	7°40	5°42	29° 6	20°29	26°36	24°29	25°18	18°26	18°55	22° 4	n.a.	W16
T 17	20 33 44	6°20'46	24°54	0♍ 5	8°53	5°53	29°16	20°33	26°37	24°31	25°20	18°25	18°51	22°10	n.a.	T 17
F 18	20 37 41	7°20'01	7♊ 5	0°24	10° 6	6° 3	29°27	20°36	26°37	24°33	25°21	18°24	18°48	22°17	n.a.	F 18
S 19	20 41 37	8°19'18	19° 6	0°37	11°19	6°12	29°38	20°40	26°37	24°35	25°22	18°23	18°45	22°24	n.a.	S 19
S 20	20 45 34	9°18'39	0♋59	0°R44	12°32	6°20	29°48	20°43	26°R37	24°38	25°24	18°22	18°42	22°30	n.a.	S 20
M21	20 49 30	10°18'01	12°49	0°43	13°45	6°28	29°59	20°47	26°37	24°40	25°25	18°20	18°39	22°37	n.a.	M21
T 22	20 53 27	11°17'26	24°37	0°36	14°58	6°35	0♎10	20°50	26°37	24°42	25°27	18°19	18°35	22°44	n.a.	T 22
W23	20 57 23	12°16'53	6♌26	0°21	16°11	6°41	0°21	20°53	26°37	24°44	25°28	18°19	18°32	22°50	n.a.	W23
T 24	21 1 20	13°16'22	18°19	29♌58	17°24	6°46	0°32	20°56	26°36	24°46	25°29	18°D19	18°29	22°57	n.a.	T 24
F 25	21 5 16	14°15'54	0♍17	29°27	18°37	6°50	0°43	20°59	26°36	24°49	25°31	18°19	18°26	23° 4	n.a.	F 25
S 26	21 9 13	15°15'27	12°23	28°47	19°50	6°54	0°55	21° 2	26°36	24°51	25°32	18°19	18°23	23°10	n.a.	S 26
S 27	21 13 9	16°15'03	24°38	28° 0	21° 2	6°57	1° 6	21° 4	26°35	24°53	25°33	18°19	18°20	23°17	n.a.	S 27
M28	21 17 6	17°14'41	7♎ 5	27° 6	22°15	6°59	1°17	21° 7	26°35	24°55	25°35	18°20	18°16	23°24	n.a.	M28
T 29	21 21 3	18°14'20	19°47	26° 4	23°28	7° 0	1°29	21°10	26°34	24°57	25°36	18°R20	18°13	23°30	n.a.	T 29
W30	21 24 59	19°14'02	2♏46	24°58	24°41	7°R 0	1°40	21°12	26°34	25° 0	25°37	18°20	18°10	23°37	n.a.	W30
T 31	21 28 56	20♌13'46	16♏ 4	23♌47	25♍53	6♈59	1♎52	21♉14	26♈33	25♌ 2	25♊38	18°D20	18♌ 7	23♋44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22n18	0s20	4n 7	15n10	1s13	16n22	1n 6	2s 5	3s 3	2n24	1n10	16n33	1s25	10n 2	0s24	15n26	1n44	31n45	7n56	15n33	15n12	19n51			n.a.
W 2	22 9	4 46	4 44	14 39	1 21	15 56	1 4	1 57	3 3	2 20	1 9	16 35	1 25	10 2	0 24	15 25	1 44	31 46	7 57	15 33	15 13	19 50			n.a.
T 3	21 59	9 6	5 8	14 9	1 30	15 30	1 2	1 49	3 3	2 16	1 9	16 36	1 25	10 3	0 24	15 25	1 44	31 46	7 57	15 33	15 14	19 50			n.a.
F 4	21 49	13 7	5 15	13 40	1 39	15 4	1 0	1 42	3 4	2 12	1 9	16 37	1 25	10 3	0 24	15 24	1 44	31 46	7 57	15 34	15 15	19 50			n.a.
S 5	21 39	16 31	5 3	13 10	1 48	14 37	0 58	1 35	3 4	2 8	1 9	16 39	1 26	10 3	0 25	15 23	1 44	31 46	7 57	15 35	15 16	19 50			n.a.
S 6	21 28	18 58	4 31	12 41	1 56	14 10	0 56	1 28	3 4	2 4	1 8	16 40	1 26	10 3	0 25	15 23	1 44	31 47	7 57	15 36	15 17	19 49			n.a.
M 7	21 17	20 11	3 40	12 13	2 5	13 42	0 54	1 21	3 4	2 0	1 8	16 41	1 26	10 4	0 25	15 22	1 44	31 47	7 58	15 36	15 18	19 49			n.a.
T 8	21 5	19 57	2 33	11 45	2 13	13 14	0 51	1 15	3 5	1 56	1 8	16 42	1 26	10 4	0 25	15 21	1 44	31 47	7 58	15 37	15 19	19 49			n.a.
W 9	20 53	18 16	1 15	11 19	2 22	12 46	0 49	1 8	3 5	1 52	1 8	16 43	1 26	10 4	0 25	15 20	1 44	31 47	7 58	15 38	15 20	19 49			n.a.
T 10	20 41	15 19	0s 8	10 53	2 30	12 18	0 46	1 2	3 5	1 48	1 7	16 45	1 26	10 4	0 25	15 20	1 44	31 48	7 58	15 38	15 21	19 48			n.a.
F 11	20 28	11 24	1 29	10 28	2 38	11 49	0 44	0 56	3 5	1 44	1 7	16 46	1 26	10 4	0 25	15 19	1 44	31 48	7 58	15 38	15 22	19 48			n.a.
S 12	20 15	6 54	2 42	10 5	2 46	11 20	0 41	0 51	3 5	1 40	1 7	16 47	1 26	10 5	0 25	15 18	1 44	31 48	7 59	15 37	15 23	19 48			n.a.
S 13	20 1	2 10	3 43	9 43	2 54	10 50	0 39	0 46	3 5	1 35	1 7	16 48	1 26	10 5	0 25	15 17	1 44	31 48	7 59	15 37	15 24	19 47			n.a.
M14	19 47	2n30	4 29	9 23	3 1	10 20	0 36	0 40	3 5	1 31	1 7	16 49	1 26	10 5	0 25	15 17	1 44	31 49	7 59	15 37	15 25	19 47			n.a.
T 15	19 33	6 55	5 0	9 4	3 8	9 50	0 33	0 36	3 5	1 27	1 6	16 50	1 26	10 5	0 25	15 16	1 44	31 49	7 59	15 36	15 26	19 47			n.a.
W16	19 19	10 53	5 15	8 48	3 14	9 20	0 31	0 31	3 5	1 22	1 6	16 51	1 26	10 5	0 25	15 15	1 44	31 49	7 59	15 36	15 27	19 47			n.a.
T 17	19 4	14 17	5 15	8 34	3 20	8 50	0 28	0 27	3 5	1 18	1 6	16 52	1 26	10 5	0 25	15 14	1 44	31 50	8 0	15 37	15 28	19 46			n.a.
F 18	18 49	17 0	5 0	8 22	3 25	8 19	0 25	0 23	3 5	1 13	1 6	16 53	1 26	10 5	0 25	15 14	1 44	31 50	8 0	15 37	15 29	19 46			n.a.
S 19	18 33	18 56	4 33	8 13	3 29	7 48	0 22	0 19	3 5	1 9	1 5	16 53	1 26	10 5	0 25	15 13	1 44	31 50	8 0	15 37	15 30	19 46			n.a.
S 20	18 17	20 1	3 54	8 7	3 33	7 17	0 19	0 16	3 5	1 4	1 5	16 54	1 26	10 5	0 25	15 12	1 44	31 50	8 0	15 38	15 31	19 45			n.a.
M21	18 1	20 14	3 5	8 5	3 36	6 46	0 16	0 12	3 5	1 0	1 5	16 55	1 27	10 5	0 25	15 11	1 44	31 51	8 0	15 38	15 32	19 45			n.a.
T 22	17 44	19 32	2 8	8 6	3 37	6 14	0 13	0 9	3 5	0 55	1 5	16 56	1 27	10 5	0 25	15 11	1 44	31 51	8 1	15 39	15 33	19 45			n.a.
W23	17 27	17 59	1 6	8 11	3 37	5 43	0 10	0 7	3 5	0 51	1 5	16 57	1 27	10 5	0 25	15 10	1 44	31 51	8 1	15 39	15 34	19 44			n.a.
T 24	17 10	15 39	0 0	8 21	3 36	5 11	0 7	0 4	3 4	0 46	1 4	16 57	1 27	10 5	0 25	15 9	1 44	31 52	8 1	15 39	15 35	19 44			n.a.
F 25	16 53	12 37	1n 6	8 34	3 34	4 39	0 4	0 2	3 4	0 41	1 4	16 58	1 27	10 5	0 25	15 8	1 44	31 52	8 1	15 39	15 36	19 44			n.a.
S 26	16 35	9 3	2 10	8 52	3 29	4 7	0 1	0 1	3 4	0 36	1 4	16 59	1 27	10 5	0 25	15 8	1 44	31 52	8 2	15 39	15 37	19 43			n.a.
S 27	16 17	5 3	3 9	9 15	3 23	3 35	0s 2	0n 1	3 3	0 32	1 4	17 0	1 27	10 4	0 25	15 7	1 44	31 52	8 2	15 39	15 38	19 43			n.a.
M28	15 59	0 47	3 59	9 41	3 14	3 3	0 5	0 2	3 3	0 27	1 4	17 0	1 27	10 4	0 25	15 6	1 44	31 53	8 2	15 38	15 39	19 43			n.a.
T 29	15 40	3s35	4 40	10 12	3 4	2 31	0 9	0 3	3 3	0 22	1 4	17 1	1 27	10 4	0 25	15 5	1 44	31 53	8 2	15 38	15 40	19 42			n.a.
W30	15 21	7 53	5 6	10 46	2 52	1 59	0 12	0 3	3 2	0 17	1 3	17 1	1 27	10 4	0 25	15 5	1 44	31 53	8 3	15 38	15 41	19 42			n.a.
T 31	15n 2	11s55	5n18	11n24	2s37	1n26	0s15	0n 4	3s 1	0n12	1n 3	17n 2	1s27	10n 4	0s25	15n 4	1n44	31n54	8n 3	15n38	15n42	19n42			n.a.

Julian Day Number = 989674.5, Delta T = 13h03m59s
Ecliptic obliquity = 23°55'21, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'37, Lahiri = -31°34'36 Julian Calendar 1 Aug. 2004 BCE == Greg. Calendar 15 July 2004 BCE

The year -2003 astronomical counting style corresponds to year 2004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

SEPTEMBER 2004 BCE (-2003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 32 52	21♌13'31	29♏44	22°R34	27♍ 6	6°R58	2♎ 4	21♉17	26°R33	25♌ 4	25♊40	18♌20	18♌ 4	23♋50	n.a.	F 1
S 2	21 36 49	22°13'19	13♐45	21♌20	28°19	6♈55	2°15	21°19	26♈32	25° 6	25°41	18°20	18° 1	23°57	n.a.	S 2
S 3	21 40 45	23°13'08	28° 8	20° 8	29°31	6°52	2°27	21°21	26°31	25° 9	25°42	18°20	17°57	24° 4	n.a.	S 3
M 4	21 44 42	24°12'59	12♑50	19° 0	0♎44	6°48	2°39	21°23	26°31	25°11	25°43	18°21	17°54	24°10	n.a.	M 4
T 5	21 48 38	25°12'52	27°45	17°59	1°56	6°43	2°51	21°24	26°30	25°13	25°44	18°21	17°51	24°17	n.a.	T 5
W 6	21 52 35	26°12'47	12♒46	17° 4	3° 9	6°37	3° 3	21°26	26°29	25°15	25°45	18°R22	17°48	24°23	n.a.	W 6
T 7	21 56 31	27°12'44	27°45	16°20	4°21	6°30	3°15	21°28	26°28	25°18	25°46	18°21	17°45	24°30	n.a.	T 7
F 8	22 0 28	28°12'43	12♓35	15°45	5°33	6°22	3°28	21°29	26°27	25°20	25°47	18°21	17°41	24°37	n.a.	F 8
S 9	22 4 25	29°12'45	27° 6	15°22	6°46	6°14	3°40	21°30	26°26	25°22	25°48	18°20	17°38	24°43	n.a.	S 9
S 10	22 8 21	0♍12'48	11♈14	15°10	7°58	6° 4	3°52	21°32	26°25	25°24	25°49	18°18	17°35	24°50	n.a.	S 10
M11	22 12 18	1°12'54	24°56	15°D 9	9°10	5°54	4° 4	21°33	26°24	25°27	25°50	18°17	17°32	24°57	n.a.	M11
T 12	22 16 14	2°13'02	8♉11	15°19	10°22	5°43	4°17	21°34	26°23	25°29	25°51	18°15	17°29	25° 3	n.a.	T 12
W13	22 20 11	3°13'12	21° 2	15°40	11°35	5°31	4°29	21°35	26°21	25°31	25°52	18°14	17°26	25°10	n.a.	W13
T 14	22 24 7	4°13'25	3♊31	16°11	12°47	5°18	4°42	21°35	26°20	25°33	25°53	18°D14	17°22	25°17	n.a.	T 14
F 15	22 28 4	5°13'40	15°42	16°51	13°59	5° 4	4°54	21°36	26°19	25°36	25°54	18°14	17°19	25°23	n.a.	F 15
S 16	22 32 0	6°13'57	27°41	17°39	15°11	4°50	5° 7	21°37	26°18	25°38	25°55	18°15	17°16	25°30	n.a.	S 16
S 17	22 35 57	7°14'16	9♋32	18°35	16°23	4°35	5°20	21°37	26°16	25°40	25°55	18°17	17°13	25°37	n.a.	S 17
M18	22 39 53	8°14'38	21°20	19°36	17°35	4°19	5°33	21°37	26°15	25°42	25°56	18°18	17°10	25°43	n.a.	M18
T 19	22 43 50	9°15'01	3♌ 8	20°44	18°46	4° 2	5°45	21°38	26°13	25°44	25°57	18°20	17° 6	25°50	n.a.	T 19
W20	22 47 47	10°15'27	15° 1	21°56	19°58	3°44	5°58	21°R38	26°12	25°47	25°58	18°R20	17° 3	25°57	n.a.	W20
T 21	22 51 43	11°15'55	27° 1	23°13	21°10	3°26	6°11	21°38	26°10	25°49	25°58	18°20	17° 0	26° 3	n.a.	T 21
F 22	22 55 40	12°16'24	9♍10	24°33	22°22	3° 8	6°24	21°37	26° 8	25°51	25°59	18°19	16°57	26°10	n.a.	F 22
S 23	22 59 36	13°16'56	21°31	25°56	23°33	2°48	6°37	21°37	26° 7	25°53	26° 0	18°16	16°54	26°17	n.a.	S 23
S 24	23 3 33	14°17'29	4♎ 4	27°22	24°45	2°28	6°50	21°37	26° 5	25°55	26° 0	18°12	16°51	26°23	n.a.	S 24
M25	23 7 29	15°18'03	16°49	28°50	25°56	2° 8	7° 3	21°36	26° 3	25°57	26° 1	18° 8	16°47	26°30	n.a.	M25
T 26	23 11 26	16°18'40	29°48	0♍20	27° 8	1°47	7°16	21°36	26° 2	26° 0	26° 1	18° 3	16°44	26°37	n.a.	T 26
W27	23 15 22	17°19'18	13♏ 0	1°51	28°19	1°26	7°29	21°35	26° 0	26° 2	26° 2	17°59	16°41	26°43	n.a.	W27
T 28	23 19 19	18°19'57	26°25	3°23	29°31	1° 4	7°42	21°34	25°58	26° 4	26° 2	17°56	16°38	26°50	n.a.	T 28
F 29	23 23 16	19°20'38	10♐ 5	4°56	0♏42	0°42	7°56	21°33	25°56	26° 6	26° 3	17°54	16°35	26°57	n.a.	F 29
S 30	23 27 12	20♍21'20	23♐58	6♍30	1♏53	0♈20	8♎ 9	21♉32	25♈54	26♌ 8	26♊ 3	17°D53	16♌32	27♋ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n43	15s26	5n12	12n 3	2s21	0n54	0s18	0n 4	3s 1	0n 7	1n 3	17n 2	1s27	10n 3	0s25	15n 3	1n44	31n54	8n 3	15n38	15n43	19n41		n.a.
S 2	14 23	18 10	4 47	12 44	2 4	0 21	0 22	0 3	3 0	0 3	1 3	17 3	1 27	10 3	0 25	15 2	1 44	31 54	8 3	15 38	15 44	19 41		n.a.
S 3	14 3	19 50	4 5	13 25	1 45	0s11	0 25	0 3	2 59	0s 2	1 3	17 3	1 28	10 3	0 25	15 2	1 44	31 55	8 4	15 38	15 45	19 41		n.a.
M 4	13 43	20 13	3 5	14 5	1 25	0 44	0 28	0 2	2 59	0 7	1 2	17 4	1 28	10 3	0 25	15 1	1 44	31 55	8 4	15 38	15 46	19 40		n.a.
T 5	13 23	19 12	1 52	14 44	1 5	1 16	0 32	0 0	2 58	0 12	1 2	17 4	1 28	10 2	0 25	15 0	1 44	31 55	8 4	15 38	15 47	19 40		n.a.
W 6	13 2	16 49	0 31	15 20	0 44	1 48	0 35	0s 1	2 57	0 17	1 2	17 5	1 28	10 2	0 25	14 59	1 44	31 55	8 5	15 38	15 48	19 39		n.a.
T 7	12 41	13 18	0s52	15 53	0 24	2 21	0 38	0 3	2 56	0 23	1 2	17 5	1 28	10 2	0 25	14 59	1 44	31 56	8 5	15 38	15 49	19 39		n.a.
F 8	12 20	8 59	2 11	16 21	0 5	2 53	0 42	0 5	2 55	0 28	1 2	17 5	1 28	10 1	0 25	14 58	1 44	31 56	8 5	15 38	15 50	19 39		n.a.
S 9	11 59	4 12	3 19	16 46	0n13	3 25	0 45	0 8	2 54	0 33	1 2	17 5	1 28	10 1	0 25	14 57	1 44	31 56	8 5	15 38	15 51	19 38		n.a.
S 10	11 37	0n39	4 13	17 6	0 31	3 58	0 48	0 11	2 53	0 38	1 1	17 6	1 28	10 0	0 25	14 56	1 44	31 57	8 6	15 39	15 52	19 38		n.a.
M11	11 16	5 20	4 51	17 21	0 46	4 30	0 52	0 14	2 52	0 43	1 1	17 6	1 28	10 0	0 25	14 55	1 44	31 57	8 6	15 39	15 53	19 37		n.a.
T 12	10 54	9 36	5 12	17 32	1 1	5 2	0 55	0 17	2 50	0 48	1 1	17 6	1 28	10 0	0 25	14 55	1 44	31 57	8 6	15 40	15 54	19 37		n.a.
W13	10 32	13 17	5 17	17 38	1 14	5 34	0 59	0 21	2 49	0 53	1 1	17 6	1 28	9 59	0 25	14 54	1 44	31 58	8 7	15 40	15 55	19 37		n.a.
T 14	10 9	16 17	5 6	17 39	1 25	6 6	1 2	0 24	2 47	0 59	1 1	17 6	1 28	9 59	0 25	14 53	1 44	31 58	8 7	15 40	15 56	19 36		n.a.
F 15	9 47	18 29	4 41	17 36	1 35	6 37	1 5	0 29	2 46	1 4	1 1	17 6	1 28	9 58	0 25	14 52	1 44	31 58	8 7	15 40	15 57	19 36		n.a.
S 16	9 24	19 49	4 5	17 29	1 43	7 9	1 9	0 33	2 44	1 9	1 1	17 7	1 29	9 58	0 25	14 52	1 44	31 59	8 7	15 40	15 58	19 35		n.a.
S 17	9 2	20 16	3 19	17 18	1 50	7 40	1 12	0 38	2 43	1 14	1 0	17 7	1 29	9 57	0 25	14 51	1 44	31 59	8 8	15 39	15 59	19 35		n.a.
M18	8 39	19 50	2 24	17 4	1 56	8 11	1 15	0 42	2 41	1 20	1 0	17 7	1 29	9 57	0 25	14 50	1 44	31 59	8 8	15 39	16 0	19 35		n.a.
T 19	8 16	18 30	1 23	16 46	2 0	8 42	1 19	0 48	2 39	1 25	1 0	17 7	1 29	9 56	0 25	14 49	1 44	32 0	8 8	15 38	16 1	19 34		n.a.
W20	7 52	16 22	0 18	16 25	2 4	9 13	1 22	0 53	2 37	1 30	1 0	17 7	1 29	9 55	0 25	14 49	1 44	32 0	8 9	15 38	16 2	19 34		n.a.
T 21	7 29	13 30	0n48	16 2	2 6	9 44	1 25	0 58	2 35	1 35	1 0	17 6	1 29	9 55	0 25	14 48	1 44	32 0	8 9	15 38	16 3	19 33		n.a.
F 22	7 6	10 1	1 52	15 36	2 7	10 14	1 28	1 4	2 33	1 41	1 0	17 6	1 29	9 54	0 25	14 47	1 44	32 1	8 9	15 39	16 4	19 33		n.a.
S 23	6 42	6 4	2 53	15 7	2 8	10 44	1 31	1 10	2 31	1 46	1 0	17 6	1 29	9 54	0 25	14 46	1 44	32 1	8 9	15 40	16 5	19 32		n.a.
S 24	6 18	1 47	3 45	14 37	2 7	11 14	1 35	1 16	2 29	1 52	0 59	17 6	1 29	9 53	0 25	14 46	1 44	32 1	8 10	15 41	16 6	19 32		n.a.
M25	5 54	2s37	4 28	14 5	2 6	11 44	1 38	1 22	2 27	1 57	0 59	17 6	1 29	9 52	0 25	14 45	1 44	32 1	8 10	15 42	16 7	19 31		n.a.
T 26	5 30	6 59	4 58	13 31	2 5	12 13	1 41	1 29	2 25	2 2	0 59	17 6	1 29	9 52	0 25	14 44	1 44	32 2	8 10	15 44	16 8	19 31		n.a.
W27	5 6	11 6	5 12	12 56	2 2	12 42	1 44	1 35	2 22	2 8	0 59	17 5	1 29	9 51	0 25	14 44	1 44	32 2	8 11	15 45	16 9	19 30		n.a.
T 28	4 42	14 44	5 10	12 19	2 0	13 11	1 47	1 42	2 20	2 13	0 59	17 5	1 29	9 50	0 25	14 43	1 44	32 2	8 11	15 46	16 10	19 30		n.a.
F 29	4 18	17 38	4 50	11 41	1 56	13 40	1 50	1 48	2 17	2 18	0 59	17 5	1 29	9 50	0 25	14 42	1 44	32 3	8 11	15 47	16 11	19 30		n.a.
S 30	3n54	19s34	4n13	11n 2	1n53	14s 8	1s53	1s55	2s15	2s24	0n59	17n 4	1s29	9n49	0s25	14n41	1n44	32n 3	8n12	15n47	16n12	19n29		n.a.

Julian Day Number = 989705.5, Delta T = 13h03m57s
Ecliptic obliquity = 23°55'22, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'33, Lahiri = -31°34'32 Julian Calendar 1 Sept. 2004 BCE == Greg. Calendar 15 Aug. 2004 BCE

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

OCTOBER 2004 BCE (-2003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 31 9	21♍22'04	8♉ 5	8♍ 5	3♏ 4	29°R57	8♎22	21°R31	25°R52	26♌10	26♊ 4	17♌54	16♌28	27♋10	n.a.	S 1
M 2	23 35 5	22°22'49	22°24	9°40	4°15	29♓34	8°35	21♉30	25♈50	26°12	26° 4	17°56	16°25	27°17	n.a.	M 2
T 3	23 39 2	23°23'35	6♒53	11°15	5°26	29°12	8°49	21°28	25°48	26°14	26° 5	17°57	16°22	27°23	n.a.	T 3
W 4	23 42 58	24°24'22	21°29	12°50	6°37	28°49	9° 2	21°27	25°46	26°16	26° 5	17°R58	16°19	27°30	n.a.	W 4
T 5	23 46 55	25°25'11	6♓ 7	14°26	7°48	28°26	9°16	21°25	25°44	26°18	26° 5	17°56	16°16	27°36	n.a.	T 5
F 6	23 50 51	26°26'01	20°39	16° 1	8°59	28° 3	9°29	21°24	25°42	26°20	26° 5	17°53	16°12	27°43	n.a.	F 6
S 7	23 54 48	27°26'52	5♈ 0	17°37	10° 9	27°40	9°42	21°22	25°40	26°22	26° 6	17°48	16° 9	27°50	n.a.	S 7
S 8	23 58 44	28°27'45	19° 4	19°12	11°20	27°17	9°56	21°20	25°38	26°24	26° 6	17°41	16° 6	27°56	n.a.	S 8
M 9	0 2 41	29°28'39	2♉46	20°48	12°30	26°54	10° 9	21°18	25°35	26°26	26° 6	17°34	16° 3	28° 3	n.a.	M 9
T 10	0 6 38	0♎29'35	16° 5	22°23	13°41	26°32	10°23	21°16	25°33	26°28	26° 6	17°27	16° 0	28°10	n.a.	T 10
W11	0 10 34	1°30'32	28°59	23°59	14°51	26°10	10°36	21°13	25°31	26°30	26° 6	17°21	15°57	28°16	n.a.	W11
T 12	0 14 31	2°31'31	11♊32	25°34	16° 1	25°48	10°50	21°11	25°29	26°32	26° 6	17°17	15°53	28°23	n.a.	T 12
F 13	0 18 27	3°32'32	23°46	27° 9	17°11	25°27	11° 3	21° 9	25°26	26°34	26° 6	17°14	15°50	28°30	n.a.	F 13
S 14	0 22 24	4°33'34	5♋46	28°44	18°21	25° 5	11°17	21° 6	25°24	26°36	26° 7	17°D14	15°47	28°36	n.a.	S 14
S 15	0 26 20	5°34'37	17°37	0♎19	19°31	24°45	11°31	21° 3	25°21	26°38	26°R 7	17°14	15°44	28°43	n.a.	S 15
M16	0 30 17	6°35'42	29°24	1°54	20°41	24°25	11°44	21° 1	25°19	26°40	26° 7	17°16	15°41	28°50	n.a.	M16
T 17	0 34 13	7°36'48	11♌14	3°29	21°50	24° 5	11°58	20°58	25°17	26°41	26° 6	17°R17	15°38	28°56	n.a.	T 17
W18	0 38 10	8°37'55	23° 9	5° 3	23° 0	23°46	12°11	20°55	25°14	26°43	26° 6	17°17	15°34	29° 3	n.a.	W18
T 19	0 42 7	9°39'04	5♍16	6°38	24° 9	23°27	12°25	20°52	25°12	26°45	26° 6	17°15	15°31	29°10	n.a.	T 19
F 20	0 46 3	10°40'14	17°36	8°13	25°19	23° 9	12°39	20°49	25° 9	26°47	26° 6	17°11	15°28	29°16	n.a.	F 20
S 21	0 50 0	11°41'24	0♎12	9°47	26°28	22°52	12°52	20°45	25° 7	26°48	26° 6	17° 4	15°25	29°23	n.a.	S 21
S 22	0 53 56	12°42'36	13° 5	11°22	27°37	22°35	13° 6	20°42	25° 4	26°50	26° 6	16°55	15°22	29°30	n.a.	S 22
M23	0 57 53	13°43'49	26°14	12°56	28°46	22°19	13°19	20°39	25° 2	26°52	26° 5	16°45	15°18	29°36	n.a.	M23
T 24	1 1 49	14°45'02	9♏38	14°31	29°54	22° 4	13°33	20°35	24°59	26°53	26° 5	16°34	15°15	29°43	n.a.	T 24
W25	1 5 46	15°46'16	23°13	16° 5	1♐ 3	21°50	13°47	20°32	24°57	26°55	26° 5	16°24	15°12	29°50	n.a.	W25
T 26	1 9 42	16°47'31	6♐59	17°40	2°11	21°36	14° 0	20°28	24°54	26°57	26° 5	16°16	15° 9	29°56	n.a.	T 26
F 27	1 13 39	17°48'46	20°51	19°14	3°20	21°23	14°14	20°24	24°52	26°58	26° 4	16°10	15° 6	0♌ 3	n.a.	F 27
S 28	1 17 36	18°50'02	4♑49	20°49	4°28	21°11	14°28	20°20	24°49	27° 0	26° 4	16° 7	15° 3	0° 9	n.a.	S 28
S 29	1 21 32	19°51'18	18°52	22°23	5°36	21° 0	14°41	20°17	24°47	27° 1	26° 4	16°D 6	14°59	0°16	n.a.	S 29
M30	1 25 29	20°52'34	2♒58	23°58	6°43	20°50	14°55	20°13	24°44	27° 3	26° 3	16° 7	14°56	0°23	n.a.	M30
T 31	1 29 25	21♎53'51	17♒ 6	25♎33	7♐51	20♓40	15♎ 8	20♉ 9	24♈42	27♌ 4	26♊ 3	16°R 7	14♌53	0♌29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	3n29	20s20	3n21	10n23	1n48	14s35	1s56	2s 2	2s12	2s29	0n59	17n 4	1s30	9n48	0s25	14n41	1n44	32n 3	8n12	15n46	16n13	19n29			n.a.
M 2	3 5	19 48	2 15	9 42	1 44	15 3	1 59	2 9	2 9	2 35	0 58	17 4	1 30	9 47	0 25	14 40	1 44	32 4	8 12	15 46	16 14	19 28			n.a.
T 3	2 40	17 57	1 0	9 1	1 39	15 30	2 1	2 15	2 7	2 40	0 58	17 3	1 30	9 47	0 25	14 39	1 44	32 4	8 13	15 46	16 15	19 28			n.a.
W 4	2 16	14 56	0s19	8 19	1 34	15 57	2 4	2 22	2 4	2 46	0 58	17 3	1 30	9 46	0 25	14 39	1 45	32 4	8 13	15 45	16 16	19 27			n.a.
T 5	1 51	10 57	1 37	7 37	1 29	16 23	2 7	2 29	2 1	2 51	0 58	17 2	1 30	9 45	0 25	14 38	1 45	32 5	8 13	15 46	16 17	19 27			n.a.
F 6	1 27	6 21	2 49	6 54	1 23	16 49	2 9	2 36	1 58	2 57	0 58	17 2	1 30	9 44	0 25	14 37	1 45	32 5	8 13	15 47	16 18	19 26			n.a.
S 7	1 2	1 27	3 48	6 11	1 18	17 14	2 12	2 42	1 55	3 2	0 58	17 1	1 30	9 44	0 25	14 37	1 45	32 5	8 14	15 48	16 19	19 26			n.a.
S 8	0 37	3n25	4 32	5 27	1 12	17 39	2 14	2 49	1 52	3 8	0 58	17 1	1 30	9 43	0 25	14 36	1 45	32 6	8 14	15 50	16 20	19 25			n.a.
M 9	0 13	8 0	4 59	4 44	1 6	18 4	2 17	2 55	1 49	3 13	0 58	17 0	1 30	9 42	0 25	14 35	1 45	32 6	8 14	15 53	16 21	19 25			n.a.
T 10	0s12	12 3	5 9	4 0	1 0	18 28	2 19	3 1	1 46	3 19	0 58	17 0	1 30	9 41	0 25	14 35	1 45	32 6	8 15	15 55	16 22	19 24			n.a.
W11	0 37	15 24	5 3	3 15	0 54	18 52	2 21	3 8	1 43	3 24	0 58	16 59	1 30	9 40	0 25	14 34	1 45	32 7	8 15	15 57	16 23	19 23			n.a.
T 12	1 1	17 57	4 43	2 31	0 47	19 15	2 24	3 14	1 40	3 30	0 57	16 58	1 30	9 39	0 25	14 34	1 45	32 7	8 15	15 58	16 24	19 23			n.a.
F 13	1 26	19 37	4 9	1 47	0 41	19 38	2 26	3 20	1 37	3 35	0 57	16 58	1 30	9 38	0 25	14 33	1 45	32 7	8 16	15 59	16 25	19 22			n.a.
S 14	1 51	20 22	3 26	1 2	0 35	20 0	2 28	3 25	1 34	3 40	0 57	16 57	1 30	9 38	0 25	14 32	1 45	32 8	8 16	15 59	16 26	19 22			n.a.
S 15	2 16	20 12	2 33	0 18	0 28	20 22	2 30	3 31	1 31	3 46	0 57	16 56	1 30	9 37	0 25	14 32	1 45	32 8	8 16	15 59	16 27	19 21			n.a.
M16	2 40	19 8	1 35	0s26	0 22	20 43	2 32	3 36	1 28	3 51	0 57	16 55	1 30	9 36	0 25	14 31	1 45	32 8	8 17	15 58	16 28	19 21			n.a.
T 17	3 5	17 14	0 33	1 11	0 15	21 3	2 33	3 41	1 25	3 57	0 57	16 55	1 30	9 35	0 25	14 31	1 45	32 9	8 17	15 58	16 28	19 20			n.a.
W18	3 29	14 34	0n32	1 55	0 9	21 23	2 35	3 46	1 22	4 2	0 57	16 54	1 30	9 34	0 25	14 30	1 45	32 9	8 17	15 58	16 29	19 20			n.a.
T 19	3 54	11 15	1 35	2 39	0 2	21 43	2 37	3 51	1 18	4 8	0 57	16 53	1 30	9 33	0 25	14 29	1 45	32 9	8 18	15 59	16 30	19 19			n.a.
F 20	4 18	7 22	2 36	3 23	0s 4	22 2	2 38	3 55	1 15	4 13	0 57	16 52	1 30	9 32	0 25	14 29	1 45	32 9	8 18	16 0	16 31	19 19			n.a.
S 21	4 43	3 6	3 29	4 7	0 11	22 20	2 39	3 59	1 12	4 19	0 57	16 51	1 30	9 31	0 25	14 28	1 45	32 10	8 18	16 2	16 32	19 18			n.a.
S 22	5 7	1s23	4 14	4 51	0 17	22 38	2 41	4 3	1 9	4 24	0 57	16 50	1 30	9 30	0 25	14 28	1 45	32 10	8 18	16 5	16 33	19 17			n.a.
M23	5 31	5 54	4 46	5 34	0 24	22 55	2 42	4 7	1 6	4 30	0 57	16 49	1 30	9 29	0 25	14 27	1 45	32 10	8 19	16 8	16 34	19 17			n.a.
T 24	5 56	10 13	5 2	6 17	0 30	23 11	2 43	4 10	1 3	4 35	0 56	16 48	1 30	9 29	0 25	14 27	1 45	32 11	8 19	16 11	16 35	19 16			n.a.
W25	6 20	14 5	5 2	7 0	0 36	23 27	2 44	4 13	1 0	4 41	0 56	16 47	1 30	9 28	0 25	14 26	1 45	32 11	8 19	16 14	16 36	19 16			n.a.
T 26	6 44	17 14	4 45	7 43	0 42	23 43	2 45	4 16	0 57	4 46	0 56	16 46	1 30	9 27	0 25	14 26	1 45	32 11	8 20	16 17	16 37	19 15			n.a.
F 27	7 8	19 26	4 11	8 25	0 48	23 57	2 46	4 18	0 54	4 52	0 56	16 45	1 30	9 26	0 25	14 25	1 46	32 11	8 20	16 19	16 38	19 14			n.a.
S 28	7 31	20 28	3 22	9 7	0 54	24 11	2 46	4 21	0 51	4 57	0 56	16 44	1 30	9 25	0 25	14 25	1 46	32 12	8 20	16 19	16 39	19 14			n.a.
S 29	7 55	20 15	2 20	9 49	1 0	24 24	2 47	4 22	0 48	5 2	0 56	16 43	1 30	9 24	0 25	14 24	1 46	32 12	8 21	16 20	16 40	19 13			n.a.
M30	8 18	18 46	1 10	10 30	1 6	24 37	2 47	4 24	0 45	5 8	0 56	16 42	1 30	9 23	0 25	14 24	1 46	32 12	8 21	16 20	16 41	19 13			n.a.
T 31	8s42	16s 6	0s 5	11s10	1s11	24s49	2s48	4s25	0s43	5s13	0n56	16n41	1s30	9n22	0s25	14n23	1n46	32n13	8n21	16n20	16n42	19n12			n.a.

Julian Day Number = 989735.5, Delta T = 13h03m55s
Ecliptic obliquity = 23°55'22, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'29, Lahiri = -31°34'28 Julian Calendar 1 Oct. 2004 BCE == Greg. Calendar 14 Sept. 2004 BCE

The year -2003 astronomical counting style corresponds to year 2004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

NOVEMBER 2004 BCE (-2003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 33 22	22♎55'07	1♓16	27♎ 8	8♐58	20°R31	15♎22	20°R 5	24°R39	27♌ 6	26°R 2	16°R 6	14♌50	0♌36	n.a.	W 1
T 2	1 37 18	23°56'24	15°25	28°43	10° 6	20♓23	15°36	20♉ 0	24♈36	27° 7	26♊ 2	16♌ 3	14°47	0°43	n.a.	T 2
F 3	1 41 15	24°57'41	29°30	0♏18	11°13	20°16	15°49	19°56	24°34	27° 9	26° 1	15°57	14°43	0°49	n.a.	F 3
S 4	1 45 12	25°58'58	13♈28	1°54	12°19	20°10	16° 3	19°52	24°31	27°10	26° 1	15°48	14°40	0°56	n.a.	S 4
S 5	1 49 8	27° 0'16	27°13	3°29	13°26	20° 4	16°16	19°47	24°29	27°11	26° 0	15°36	14°37	1° 3	n.a.	S 5
M 6	1 53 5	28° 1'34	10♉43	5° 5	14°32	20° 0	16°30	19°43	24°26	27°13	25°59	15°24	14°34	1° 9	n.a.	M 6
T 7	1 57 1	29° 2'53	23°54	6°40	15°38	19°56	16°43	19°39	24°24	27°14	25°59	15°11	14°31	1°16	n.a.	T 7
W 8	2 0 58	0♏ 4'11	6♊45	8°16	16°44	19°53	16°57	19°34	24°21	27°15	25°58	15° 0	14°28	1°23	n.a.	W 8
T 9	2 4 54	1° 5'30	19°17	9°52	17°50	19°51	17°10	19°30	24°18	27°16	25°57	14°51	14°24	1°29	n.a.	T 9
F 10	2 8 51	2° 6'50	1♋31	11°29	18°55	19°49	17°24	19°25	24°16	27°18	25°57	14°44	14°21	1°36	n.a.	F 10
S 11	2 12 48	3° 8'10	13°32	13° 5	20° 0	19°D48	17°37	19°20	24°13	27°19	25°56	14°40	14°18	1°43	n.a.	S 11
S 12	2 16 44	4° 9'30	25°23	14°41	21° 5	19°49	17°51	19°16	24°11	27°20	25°55	14°39	14°15	1°49	n.a.	S 12
M13	2 20 41	5°10'51	7♌11	16°17	22°10	19°50	18° 4	19°11	24° 8	27°21	25°54	14°D38	14°12	1°56	n.a.	M13
T 14	2 24 37	6°12'11	19° 0	17°54	23°14	19°51	18°17	19° 6	24° 6	27°22	25°53	14°R38	14° 9	2° 3	n.a.	T 14
W15	2 28 34	7°13'32	0♍57	19°30	24°18	19°54	18°31	19° 1	24° 3	27°23	25°53	14°37	14° 5	2° 9	n.a.	W15
T 16	2 32 30	8°14'53	13° 6	21° 6	25°21	19°57	18°44	18°56	24° 1	27°24	25°52	14°35	14° 2	2°16	n.a.	T 16
F 17	2 36 27	9°16'14	25°32	22°42	26°25	20° 1	18°57	18°52	23°58	27°25	25°51	14°29	13°59	2°22	n.a.	F 17
S 18	2 40 23	10°17'35	8♎18	24°17	27°28	20° 5	19°10	18°47	23°56	27°26	25°50	14°21	13°56	2°29	n.a.	S 18
S 19	2 44 20	11°18'56	21°26	25°52	28°30	20°11	19°23	18°42	23°54	27°27	25°49	14°10	13°53	2°36	n.a.	S 19
M20	2 48 17	12°20'17	4♏56	27°26	29°33	20°17	19°37	18°37	23°51	27°28	25°48	13°57	13°49	2°42	n.a.	M20
T 21	2 52 13	13°21'38	18°44	28°59	0♑35	20°23	19°50	18°32	23°49	27°29	25°47	13°44	13°46	2°49	n.a.	T 21
W22	2 56 10	14°22'58	2♐48	0♐31	1°36	20°31	20° 3	18°27	23°46	27°30	25°46	13°31	13°43	2°56	n.a.	W22
T 23	3 0 6	15°24'18	17° 1	2° 2	2°37	20°39	20°16	18°22	23°44	27°31	25°45	13°20	13°40	3° 2	n.a.	T 23
F 24	3 4 3	16°25'37	1♑18	3°31	3°38	20°47	20°29	18°17	23°42	27°31	25°44	13°13	13°37	3° 9	n.a.	F 24
S 25	3 7 59	17°26'55	15°35	4°58	4°38	20°57	20°42	18°12	23°39	27°32	25°43	13° 8	13°34	3°16	n.a.	S 25
S 26	3 11 56	18°28'13	29°49	6°22	5°38	21° 7	20°55	18° 7	23°37	27°33	25°42	13° 6	13°30	3°22	n.a.	S 26
M27	3 15 53	19°29'30	13♒57	7°44	6°37	21°17	21° 8	18° 2	23°35	27°33	25°41	13° 6	13°27	3°29	n.a.	M27
T 28	3 19 49	20°30'46	27°58	9° 2	7°36	21°29	21°20	17°57	23°33	27°34	25°40	13° 6	13°24	3°36	n.a.	T 28
W29	3 23 46	21°32'01	11♓52	10°15	8°35	21°40	21°33	17°52	23°30	27°35	25°39	13° 5	13°21	3°42	n.a.	W29
T 30	3 27 42	22♏33'15	25♓39	11♐24	9♑33	21♓53	21♎46	17♉47	23♈28	27♌35	25♊37	13♌ 1	13♌18	3♌49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9s 5	12s29	1s20	11s50	1s16	25s 0	2s48	4s26	0s40	5s19	0n56	16n40	1s30	9n21	0s25	14n23	1n46	32n13	8n21	16n20	16n43	19n11		n.a.
T 2	9 28	8 9	2 29	12 30	1 22	25 11	2 48	4 27	0 37	5 24	0 56	16 39	1 30	9 20	0 25	14 22	1 46	32 13	8 22	16 21	16 44	19 11		n.a.
F 3	9 51	3 23	3 29	13 9	1 27	25 21	2 48	4 27	0 34	5 29	0 56	16 38	1 30	9 19	0 25	14 22	1 46	32 13	8 22	16 23	16 45	19 10		n.a.
S 4	10 14	1n30	4 16	13 48	1 31	25 30	2 48	4 27	0 32	5 35	0 56	16 37	1 30	9 18	0 25	14 21	1 46	32 14	8 22	16 25	16 46	19 10		n.a.
S 5	10 37	6 15	4 46	14 26	1 36	25 38	2 47	4 27	0 29	5 40	0 56	16 36	1 30	9 17	0 25	14 21	1 46	32 14	8 23	16 29	16 47	19 9		n.a.
M 6	10 59	10 35	5 1	15 3	1 40	25 46	2 47	4 27	0 27	5 45	0 56	16 34	1 30	9 16	0 25	14 20	1 46	32 14	8 23	16 33	16 48	19 8		n.a.
T 7	11 21	14 19	4 58	15 39	1 45	25 53	2 46	4 26	0 24	5 51	0 56	16 33	1 30	9 15	0 25	14 20	1 46	32 15	8 23	16 36	16 48	19 8		n.a.
W 8	11 43	17 16	4 41	16 15	1 48	25 59	2 46	4 25	0 21	5 56	0 56	16 32	1 30	9 14	0 25	14 20	1 46	32 15	8 23	16 40	16 49	19 7		n.a.
T 9	12 5	19 20	4 10	16 50	1 52	26 5	2 45	4 24	0 19	6 1	0 56	16 31	1 30	9 13	0 25	14 19	1 46	32 15	8 24	16 43	16 50	19 6		n.a.
F 10	12 27	20 27	3 28	17 24	1 55	26 10	2 44	4 22	0 17	6 7	0 56	16 30	1 30	9 12	0 25	14 19	1 46	32 15	8 24	16 45	16 51	19 6		n.a.
S 11	12 48	20 37	2 37	17 57	1 58	26 14	2 42	4 20	0 14	6 12	0 56	16 28	1 30	9 12	0 25	14 19	1 46	32 16	8 24	16 46	16 52	19 5		n.a.
S 12	13 10	19 51	1 40	18 29	2 1	26 18	2 41	4 18	0 12	6 17	0 55	16 27	1 30	9 11	0 25	14 18	1 46	32 16	8 25	16 46	16 53	19 4		n.a.
M13	13 31	18 13	0 40	19 0	2 3	26 20	2 40	4 15	0 10	6 22	0 55	16 26	1 30	9 10	0 25	14 18	1 47	32 16	8 25	16 46	16 54	19 4		n.a.
T 14	13 51	15 48	0n23	19 30	2 5	26 23	2 38	4 13	0 8	6 28	0 55	16 24	1 30	9 9	0 25	14 18	1 47	32 16	8 25	16 46	16 55	19 3		n.a.
W15	14 12	12 41	1 25	19 59	2 6	26 24	2 36	4 10	0 5	6 33	0 55	16 23	1 30	9 8	0 25	14 17	1 47	32 17	8 25	16 46	16 56	19 2		n.a.
T 16	14 32	8 59	2 25	20 26	2 7	26 25	2 34	4 7	0 3	6 38	0 55	16 22	1 30	9 7	0 25	14 17	1 47	32 17	8 26	16 47	16 57	19 2		n.a.
F 17	14 52	4 50	3 18	20 52	2 8	26 25	2 32	4 3	0 1	6 43	0 55	16 21	1 30	9 6	0 25	14 17	1 47	32 17	8 26	16 49	16 58	19 1		n.a.
S 18	15 12	0 22	4 4	21 17	2 8	26 24	2 30	3 59	0n 1	6 48	0 55	16 19	1 30	9 5	0 25	14 16	1 47	32 17	8 26	16 51	16 59	19 0		n.a.
S 19	15 32	4s15	4 37	21 40	2 7	26 22	2 27	3 55	0 3	6 53	0 55	16 18	1 30	9 4	0 25	14 16	1 47	32 17	8 26	16 55	17 0	19 0		n.a.
M20	15 51	8 46	4 57	22 1	2 6	26 20	2 25	3 51	0 5	6 58	0 55	16 17	1 30	9 3	0 25	14 16	1 47	32 18	8 27	16 58	17 1	18 59		n.a.
T 21	16 10	12 57	4 59	22 21	2 4	26 17	2 22	3 47	0 7	7 3	0 55	16 15	1 29	9 2	0 25	14 16	1 47	32 18	8 27	17 2	17 2	18 58		n.a.
W22	16 29	16 30	4 44	22 39	2 2	26 14	2 19	3 42	0 9	7 8	0 55	16 14	1 29	9 2	0 25	14 15	1 47	32 18	8 27	17 6	17 3	18 58		n.a.
T 23	16 47	19 7	4 11	22 55	1 58	26 10	2 16	3 37	0 10	7 13	0 55	16 13	1 29	9 1	0 25	14 15	1 47	32 18	8 27	17 9	17 3	18 57		n.a.
F 24	17 5	20 33	3 22	23 9	1 54	26 5	2 13	3 32	0 12	7 18	0 55	16 11	1 29	9 0	0 25	14 15	1 47	32 18	8 28	17 11	17 4	18 56		n.a.
S 25	17 23	20 40	2 20	23 21	1 49	26 0	2 9	3 27	0 14	7 23	0 55	16 10	1 29	8 59	0 25	14 15	1 47	32 19	8 28	17 13	17 5	18 55		n.a.
S 26	17 40	19 28	1 10	23 30	1 44	25 54	2 6	3 21	0 16	7 28	0 55	16 9	1 29	8 58	0 25	14 15	1 47	32 19	8 28	17 13	17 6	18 55		n.a.
M27	17 57	17 3	0s 4	23 38	1 37	25 47	2 2	3 15	0 17	7 33	0 55	16 8	1 29	8 57	0 25	14 14	1 47	32 19	8 28	17 13	17 7	18 54		n.a.
T 28	18 14	13 38	1 18	23 43	1 29	25 40	1 58	3 9	0 19	7 38	0 55	16 6	1 29	8 56	0 25	14 14	1 48	32 19	8 29	17 13	17 8	18 53		n.a.
W29	18 31	9 29	2 26	23 46	1 20	25 32	1 54	3 3	0 21	7 43	0 55	16 5	1 29	8 56	0 25	14 14	1 48	32 19	8 29	17 14	17 9	18 53		n.a.
T 30	18s47	4s53	3s25	23s46	1s10	25s23	1s49	2s57	0n22	7s48	0n55	16n 4	1s29	8n55	0s25	14n14	1n48	32n20	8n29	17n15	17n10	18n52		n.a.

Julian Day Number = 989766.5, Delta T = 13h03m53s
Ecliptic obliquity = 23°55'22, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'24, Lahiri = -31°34'24 Julian Calendar 1 Nov. 2004 BCE == Greg. Calendar 15 Oct. 2004 BCE

The year -2003 astronomical counting style corresponds to year 2004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2004 BCE
geocentric

DECEMBER 2004 BCE (-2003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 31 39	23♏34'28	9♈19	12♐27	10♑30	22♓ 6	21♎58	17°R42	23°R26	27♌36	25°R36	12°R55	13♌14	3♌56	n.a.	F 1
S 2	3 35 35	24°35'40	22°49	13°24	11°27	22°19	22°11	17♉37	23♈24	27°36	25♊35	12♌45	13°11	4° 2	n.a.	S 2
S 3	3 39 32	25°36'51	6♉ 9	14°13	12°23	22°33	22°24	17°32	23°22	27°37	25°34	12°34	13° 8	4° 9	n.a.	S 3
M 4	3 43 28	26°38'01	19°17	14°54	13°18	22°47	22°36	17°27	23°20	27°37	25°33	12°20	13° 5	4°15	n.a.	M 4
T 5	3 47 25	27°39'10	2♊11	15°27	14°13	23° 2	22°48	17°22	23°18	27°37	25°31	12° 7	13° 2	4°22	n.a.	T 5
W 6	3 51 22	28°40'18	14°50	15°49	15° 8	23°18	23° 1	17°17	23°16	27°38	25°30	11°55	12°59	4°29	n.a.	W 6
T 7	3 55 18	29°41'26	27°13	16° 0	16° 1	23°34	23°13	17°13	23°14	27°38	25°29	11°45	12°55	4°35	n.a.	T 7
F 8	3 59 15	0♐42'33	9♋23	16°R 1	16°54	23°50	23°25	17° 8	23°12	27°38	25°28	11°38	12°52	4°42	n.a.	F 8
S 9	4 3 11	1°43'38	21°22	15°50	17°46	24° 7	23°37	17° 3	23°10	27°39	25°26	11°33	12°49	4°49	n.a.	S 9
S 10	4 7 8	2°44'43	3♌12	15°28	18°38	24°25	23°50	16°58	23° 8	27°39	25°25	11°31	12°46	4°55	n.a.	S 10
M11	4 11 4	3°45'47	14°59	14°54	19°28	24°42	24° 2	16°54	23° 7	27°39	25°24	11°D31	12°43	5° 2	n.a.	M11
T 12	4 15 1	4°46'51	26°48	14°10	20°18	25° 1	24°14	16°49	23° 5	27°39	25°22	11°31	12°40	5° 9	n.a.	T 12
W13	4 18 58	5°47'53	8♍43	13°16	21° 7	25°19	24°25	16°45	23° 3	27°39	25°21	11°R31	12°36	5°15	n.a.	W13
T 14	4 22 54	6°48'54	20°51	12°14	21°55	25°38	24°37	16°40	23° 1	27°39	25°20	11°30	12°33	5°22	n.a.	T 14
F 15	4 26 51	7°49'54	3♎17	11° 6	22°42	25°58	24°49	16°35	23° 0	27°39	25°18	11°27	12°30	5°29	n.a.	F 15
S 16	4 30 47	8°50'54	16° 5	9°54	23°28	26°17	25° 1	16°31	22°58	27°R39	25°17	11°21	12°27	5°35	n.a.	S 16
S 17	4 34 44	9°51'52	29°18	8°40	24°13	26°38	25°12	16°27	22°57	27°39	25°15	11°13	12°24	5°42	n.a.	S 17
M18	4 38 40	10°52'49	12♏57	7°26	24°57	26°58	25°24	16°22	22°55	27°39	25°14	11° 4	12°20	5°49	n.a.	M18
T 19	4 42 37	11°53'45	27° 1	6°14	25°41	27°19	25°35	16°18	22°54	27°39	25°13	10°54	12°17	5°55	n.a.	T 19
W20	4 46 33	12°54'40	11♐25	5° 6	26°22	27°40	25°47	16°14	22°52	27°39	25°11	10°44	12°14	6° 2	n.a.	W20
T 21	4 50 30	13°55'33	26° 3	4° 4	27° 3	28° 2	25°58	16°10	22°51	27°39	25°10	10°35	12°11	6° 8	n.a.	T 21
F 22	4 54 27	14°56'25	10♑48	3° 9	27°43	28°24	26° 9	16° 6	22°50	27°39	25° 8	10°30	12° 8	6°15	n.a.	F 22
S 23	4 58 23	15°57'15	25°31	2°20	28°21	28°46	26°20	16° 2	22°48	27°39	25° 7	10°26	12° 5	6°22	n.a.	S 23
S 24	5 2 20	16°58'03	10♒ 8	1°40	28°58	29° 9	26°31	15°58	22°47	27°38	25° 6	10°D25	12° 1	6°28	n.a.	S 24
M25	5 6 16	17°58'50	24°32	1° 8	29°34	29°32	26°42	15°54	22°46	27°38	25° 4	10°26	11°58	6°35	n.a.	M25
T 26	5 10 13	18°59'34	8♓41	0°45	0♒ 8	29°55	26°53	15°50	22°45	27°38	25° 3	10°27	11°55	6°42	n.a.	T 26
W27	5 14 9	20° 0'17	22°35	0°29	0°41	0♈19	27° 4	15°47	22°44	27°37	25° 1	10°R27	11°52	6°48	n.a.	W27
T 28	5 18 6	21° 0'57	6♈14	0°21	1°12	0°43	27°14	15°43	22°43	27°37	25° 0	10°26	11°49	6°55	n.a.	T 28
F 29	5 22 3	22° 1'36	19°38	0°D21	1°41	1° 7	27°25	15°39	22°42	27°37	24°58	10°23	11°46	7° 2	n.a.	F 29
S 30	5 25 59	23° 2'13	2♉49	0°28	2° 9	1°31	27°35	15°36	22°41	27°36	24°57	10°17	11°42	7° 8	n.a.	S 30
S 31	5 29 56	24♐ 2'47	15♉46	0♐41	2♒35	1♈56	27♎46	15♉33	22♈40	27♌36	24♊55	10♌10	11♌39	7♌15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 3	0s 5	4s11	23s44	0s59	25s14	1s45	2s50	0n24	7s53	0n55	16n 2	1s28	8n54	0s25	14n14	1n48	32n20	8n29	17n17	17n11	18n51		n.a.
S 2	19 18	4n41	4 43	23 39	0 47	25 5	1 40	2 43	0 25	7 57	0 55	16 1	1 28	8 53	0 25	14 14	1 48	32 20	8 29	17 19	17 12	18 50		n.a.
S 3	19 33	9 9	4 59	23 32	0 34	24 54	1 35	2 36	0 27	8 2	0 55	16 0	1 28	8 53	0 25	14 14	1 48	32 20	8 30	17 23	17 13	18 50		n.a.
M 4	19 48	13 7	4 59	23 22	0 19	24 44	1 30	2 29	0 28	8 7	0 55	15 59	1 28	8 52	0 25	14 14	1 48	32 20	8 30	17 26	17 14	18 49		n.a.
T 5	20 2	16 24	4 43	23 10	0 4	24 33	1 24	2 22	0 29	8 12	0 55	15 57	1 28	8 51	0 25	14 14	1 48	32 20	8 30	17 30	17 15	18 48		n.a.
W 6	20 16	18 51	4 14	22 56	0n13	24 21	1 19	2 14	0 31	8 16	0 55	15 56	1 28	8 50	0 24	14 13	1 48	32 21	8 30	17 34	17 15	18 47		n.a.
T 7	20 29	20 21	3 32	22 40	0 30	24 9	1 13	2 7	0 32	8 21	0 55	15 55	1 28	8 50	0 24	14 13	1 48	32 21	8 30	17 37	17 16	18 47		n.a.
F 8	20 43	20 53	2 42	22 22	0 49	23 56	1 7	1 59	0 33	8 26	0 55	15 53	1 28	8 49	0 24	14 13	1 48	32 21	8 31	17 39	17 17	18 46		n.a.
S 9	20 55	20 27	1 45	22 2	1 8	23 43	1 1	1 51	0 35	8 30	0 55	15 52	1 27	8 48	0 24	14 13	1 48	32 21	8 31	17 40	17 18	18 45		n.a.
S 10	21 8	19 7	0 44	21 40	1 27	23 30	0 54	1 43	0 36	8 35	0 55	15 51	1 27	8 48	0 24	14 13	1 48	32 21	8 31	17 41	17 19	18 44		n.a.
M11	21 20	16 58	0n19	21 18	1 46	23 16	0 48	1 35	0 37	8 39	0 55	15 50	1 27	8 47	0 24	14 13	1 48	32 21	8 31	17 41	17 20	18 43		n.a.
T 12	21 31	14 5	1 21	20 54	2 5	23 1	0 41	1 26	0 38	8 44	0 55	15 49	1 27	8 46	0 24	14 13	1 48	32 21	8 31	17 41	17 21	18 43		n.a.
W13	21 42	10 37	2 20	20 30	2 23	22 47	0 34	1 18	0 40	8 48	0 55	15 47	1 27	8 46	0 24	14 13	1 49	32 21	8 31	17 40	17 22	18 42		n.a.
T 14	21 53	6 39	3 14	20 5	2 39	22 32	0 26	1 9	0 41	8 52	0 55	15 46	1 27	8 45	0 24	14 13	1 49	32 22	8 32	17 41	17 23	18 41		n.a.
F 15	22 3	2 20	4 0	19 41	2 55	22 17	0 19	1 0	0 42	8 57	0 55	15 45	1 27	8 44	0 24	14 13	1 49	32 22	8 32	17 42	17 24	18 40		n.a.
S 16	22 13	2s13	4 36	19 17	3 8	22 1	0 11	0 51	0 43	9 1	0 55	15 44	1 26	8 44	0 24	14 14	1 49	32 22	8 32	17 43	17 25	18 39		n.a.
S 17	22 23	6 48	4 58	18 55	3 19	21 45	0 3	0 42	0 44	9 5	0 55	15 43	1 26	8 43	0 24	14 14	1 49	32 22	8 32	17 45	17 26	18 39		n.a.
M18	22 32	11 12	5 4	18 34	3 28	21 29	0n 5	0 33	0 45	9 10	0 55	15 42	1 26	8 43	0 24	14 14	1 49	32 22	8 32	17 48	17 26	18 38		n.a.
T 19	22 40	15 8	4 53	18 16	3 35	21 13	0 14	0 23	0 46	9 14	0 55	15 41	1 26	8 42	0 24	14 14	1 49	32 22	8 32	17 51	17 27	18 37		n.a.
W20	22 48	18 16	4 23	18 0	3 39	20 56	0 23	0 14	0 47	9 18	0 55	15 40	1 26	8 42	0 24	14 14	1 49	32 22	8 32	17 54	17 28	18 36		n.a.
T 21	22 56	20 17	3 35	17 46	3 41	20 39	0 32	0 4	0 48	9 22	0 55	15 39	1 25	8 41	0 24	14 14	1 49	32 22	8 33	17 56	17 29	18 35		n.a.
F 22	23 3	20 57	2 32	17 36	3 41	20 22	0 41	0n 6	0 49	9 26	0 55	15 38	1 25	8 41	0 24	14 14	1 49	32 22	8 33	17 58	17 30	18 35		n.a.
S 23	23 10	20 10	1 19	17 29	3 38	20 5	0 50	0 16	0 50	9 30	0 55	15 37	1 25	8 40	0 24	14 14	1 49	32 22	8 33	17 59	17 31	18 34		n.a.
S 24	23 16	18 2	0 2	17 25	3 35	19 48	1 0	0 26	0 51	9 34	0 55	15 36	1 25	8 40	0 24	14 14	1 49	32 22	8 33	17 59	17 32	18 33		n.a.
M25	23 22	14 47	1s15	17 23	3 29	19 31	1 10	0 36	0 51	9 38	0 55	15 35	1 25	8 39	0 24	14 15	1 49	32 22	8 33	17 59	17 33	18 32		n.a.
T 26	23 27	10 44	2 26	17 25	3 23	19 14	1 20	0 46	0 52	9 42	0 55	15 34	1 25	8 39	0 24	14 15	1 49	32 22	8 33	17 58	17 34	18 31		n.a.
W27	23 32	6 10	3 27	17 29	3 15	18 57	1 30	0 56	0 53	9 46	0 55	15 33	1 24	8 39	0 24	14 15	1 49	32 23	8 33	17 58	17 35	18 30		n.a.
T 28	23 37	1 22	4 15	17 36	3 7	18 39	1 41	1 7	0 54	9 50	0 55	15 32	1 24	8 38	0 24	14 15	1 50	32 23	8 33	17 59	17 36	18 30		n.a.
F 29	23 41	3n24	4 48	17 45	2 58	18 22	1 52	1 17	0 55	9 54	0 56	15 31	1 24	8 38	0 24	14 15	1 50	32 23	8 33	18 0	17 36	18 29		n.a.
S 30	23 44	7 55	5 5	17 55	2 48	18 5	2 3	1 28	0 56	9 58	0 56	15 30	1 24	8 38	0 24	14 16	1 50	32 23	8 34	18 1	17 37	18 28		n.a.
S 31	23s47	12n 0	5s 7	18s 8	2n38	17s48	2n14	1n38	0n56	10s 1	0n56	15n30	1s24	8n37	0s24	14n16	1n50	32n23	8n34	18n 3	17n38	18n27		n.a.

Julian Day Number = 989796.5, Delta T = 13h03m51s
Ecliptic obliquity = 23°55'22, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'20, Lahiri = -31°34'20 Julian Calendar 1 Dec. 2004 BCE == Greg. Calendar 14 Nov. 2004 BCE

The year -2003 astronomical counting style corresponds to year 2004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

JANUARY 2003 BCE (-2002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 33 52	25♐ 3'20	28♉31	1♐ 0	3♒ 0	2♈21	27♎56	15°R29	22°R39	27°R35	24°R54	10°R 2	11♌36	7♌22	n.a.	M 1
T 2	5 37 49	26° 3'51	11♊ 5	1°25	3°22	2°46	28° 6	15♉26	22♈38	27♌35	24♊53	9♌53	11°33	7°28	n.a.	T 2
W 3	5 41 45	27° 4'20	23°27	1°55	3°43	3°11	28°16	15°23	22°38	27°34	24°51	9°46	11°30	7°35	n.a.	W 3
T 4	5 45 42	28° 4'48	5♋38	2°30	4° 1	3°37	28°26	15°20	22°37	27°33	24°50	9°39	11°26	7°42	n.a.	T 4
F 5	5 49 38	29° 5'13	17°40	3° 9	4°18	4° 3	28°36	15°17	22°36	27°33	24°48	9°35	11°23	7°48	n.a.	F 5
S 6	5 53 35	0♑ 5'37	29°34	3°53	4°32	4°29	28°46	15°14	22°36	27°32	24°47	9°32	11°20	7°55	n.a.	S 6
S 7	5 57 32	1° 5'59	11♌23	4°40	4°44	4°55	28°55	15°12	22°35	27°31	24°45	9°D32	11°17	8° 1	n.a.	S 7
M 8	6 1 28	2° 6'19	23° 9	5°31	4°54	5°22	29° 5	15° 9	22°35	27°31	24°44	9°33	11°14	8° 8	n.a.	M 8
T 9	6 5 25	3° 6'38	4♍58	6°25	5° 2	5°49	29°14	15° 7	22°34	27°30	24°42	9°34	11°11	8°15	n.a.	T 9
W10	6 9 21	4° 6'54	16°53	7°22	5° 7	6°16	29°23	15° 4	22°34	27°29	24°41	9°36	11° 7	8°21	n.a.	W10
T 11	6 13 18	5° 7'09	29° 0	8°22	5°10	6°43	29°32	15° 2	22°34	27°28	24°40	9°37	11° 4	8°28	n.a.	T 11
F 12	6 17 14	6° 7'23	11♎22	9°24	5°R11	7°10	29°42	15° 0	22°33	27°27	24°38	9°R37	11° 1	8°35	n.a.	F 12
S 13	6 21 11	7° 7'34	24° 6	10°29	5° 9	7°38	29°50	14°58	22°33	27°27	24°37	9°36	10°58	8°41	n.a.	S 13
S 14	6 25 7	8° 7'44	7♏15	11°36	5° 4	8° 6	29°59	14°56	22°33	27°26	24°35	9°33	10°55	8°48	n.a.	S 14
M15	6 29 4	9° 7'52	20°52	12°45	4°57	8°34	0♏ 8	14°54	22°33	27°25	24°34	9°29	10°52	8°55	n.a.	M15
T 16	6 33 1	10° 7'58	4♐56	13°57	4°48	9° 2	0°16	14°52	22°D33	27°24	24°33	9°25	10°48	9° 1	n.a.	T 16
W17	6 36 57	11° 8'03	19°26	15°10	4°36	9°30	0°25	14°50	22°33	27°23	24°31	9°20	10°45	9° 8	n.a.	W17
T 18	6 40 54	12° 8'05	4♑15	16°24	4°21	9°59	0°33	14°49	22°33	27°22	24°30	9°17	10°42	9°15	n.a.	T 18
F 19	6 44 50	13° 8'06	19°17	17°41	4° 5	10°28	0°41	14°47	22°33	27°21	24°28	9°14	10°39	9°21	n.a.	F 19
S 20	6 48 47	14° 8'04	4♒22	18°59	3°45	10°56	0°49	14°46	22°33	27°20	24°27	9°D13	10°36	9°28	n.a.	S 20
S 21	6 52 43	15° 8'00	19°22	20°19	3°23	11°25	0°57	14°45	22°33	27°19	24°26	9°13	10°32	9°35	n.a.	S 21
M22	6 56 40	16° 7'54	4♓ 8	21°40	2°59	11°55	1° 5	14°43	22°34	27°17	24°24	9°14	10°29	9°41	n.a.	M22
T 23	7 0 36	17° 7'45	18°36	23° 3	2°33	12°24	1°12	14°42	22°34	27°16	24°23	9°16	10°26	9°48	n.a.	T 23
W24	7 4 33	18° 7'34	2♈42	24°27	2° 5	12°54	1°20	14°41	22°34	27°15	24°22	9°17	10°23	9°54	n.a.	W24
T 25	7 8 29	19° 7'20	16°25	25°53	1°35	13°23	1°27	14°41	22°35	27°14	24°20	9°R18	10°20	10° 1	n.a.	T 25
F 26	7 12 26	20° 7'04	29°47	27°20	1° 3	13°53	1°34	14°40	22°35	27°13	24°19	9°17	10°17	10° 8	n.a.	F 26
S 27	7 16 23	21° 6'45	12♉49	28°48	0°29	14°23	1°41	14°39	22°36	27°12	24°18	9°16	10°13	10°14	n.a.	S 27
S 28	7 20 19	22° 6'24	25°34	0♑17	29♑54	14°53	1°48	14°39	22°37	27°10	24°17	9°14	10°10	10°21	n.a.	S 28
M29	7 24 16	23° 6'01	8♊ 3	1°48	29°18	15°23	1°55	14°39	22°37	27° 9	24°15	9°12	10° 7	10°28	n.a.	M29
T 30	7 28 12	24° 5'35	20°20	3°20	28°41	15°54	2° 2	14°38	22°38	27° 8	24°14	9°10	10° 4	10°34	n.a.	T 30
W31	7 32 9	25♑ 5'07	2♋28	4♑54	28♑ 3	16♈24	2♏ 8	14♉38	22♈39	27♌ 6	24♊13	9♌ 8	10♌ 1	10♌41	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s50	15n29	4 s52	18 s22	2n27	17 s31	2n26	1n49	0n57	10 s 5	0n56	15n29	1 s23	8n37	0 s24	14n16	1n50	32n23	8n34	18n 5	17n39	18n26			n.a.
T 2	23 52	18 12	4 24	18 38	2 17	17 14	2 38	2 0	0 58	10 9	0 56	15 28	1 23	8 37	0 24	14 16	1 50	32 23	8 34	18 8	17 40	18 25			n.a.
W 3	23 53	20 2	3 44	18 55	2 6	16 58	2 50	2 11	0 58	10 12	0 56	15 27	1 23	8 37	0 24	14 17	1 50	32 23	8 34	18 10	17 41	18 24			n.a.
T 4	23 54	20 55	2 54	19 12	1 55	16 41	3 2	2 22	0 59	10 16	0 56	15 27	1 23	8 36	0 24	14 17	1 50	32 23	8 34	18 12	17 42	18 23			n.a.
F 5	23 55	20 49	1 56	19 31	1 44	16 25	3 15	2 33	1 0	10 20	0 56	15 26	1 23	8 36	0 24	14 17	1 50	32 23	8 34	18 13	17 43	18 23			n.a.
S 6	23 55	19 46	0 54	19 49	1 33	16 10	3 27	2 44	1 0	10 23	0 56	15 25	1 22	8 36	0 24	14 17	1 50	32 23	8 34	18 13	17 44	18 22			n.a.
S 7	23 55	17 53	0n10	20 9	1 23	15 54	3 40	2 56	1 1	10 26	0 56	15 25	1 22	8 36	0 24	14 18	1 50	32 23	8 34	18 14	17 44	18 21			n.a.
M 8	23 54	15 14	1 14	20 29	1 12	15 40	3 53	3 7	1 2	10 30	0 56	15 24	1 22	8 36	0 24	14 18	1 50	32 23	8 34	18 13	17 45	18 20			n.a.
T 9	23 53	11 58	2 15	20 48	1 2	15 25	4 6	3 18	1 2	10 33	0 56	15 24	1 22	8 35	0 24	14 18	1 50	32 23	8 34	18 13	17 46	18 19			n.a.
W10	23 51	8 11	3 10	21 8	0 51	15 11	4 19	3 30	1 3	10 36	0 56	15 23	1 21	8 35	0 24	14 19	1 50	32 23	8 34	18 12	17 47	18 18			n.a.
T 11	23 49	4 2	3 58	21 28	0 41	14 57	4 32	3 41	1 4	10 40	0 56	15 23	1 21	8 35	0 24	14 19	1 50	32 23	8 34	18 12	17 48	18 17			n.a.
F 12	23 47	0 s22	4 36	21 48	0 31	14 44	4 46	3 53	1 4	10 43	0 56	15 22	1 21	8 35	0 24	14 19	1 50	32 23	8 34	18 12	17 49	18 16			n.a.
S 13	23 44	4 52	5 2	22 7	0 21	14 32	4 59	4 5	1 5	10 46	0 56	15 22	1 21	8 35	0 23	14 20	1 51	32 23	8 34	18 12	17 50	18 15			n.a.
S 14	23 40	9 17	5 13	22 26	0 12	14 20	5 12	4 16	1 5	10 49	0 56	15 22	1 21	8 35	0 23	14 20	1 51	32 22	8 34	18 13	17 51	18 14			n.a.
M15	23 36	13 24	5 7	22 44	0 3	14 9	5 26	4 28	1 6	10 52	0 56	15 21	1 20	8 35	0 23	14 21	1 51	32 22	8 34	18 14	17 52	18 13			n.a.
T 16	23 32	16 55	4 43	23 2	0 s 6	13 58	5 39	4 40	1 6	10 55	0 56	15 21	1 20	8 35	0 23	14 21	1 51	32 22	8 34	18 15	17 52	18 13			n.a.
W17	23 27	19 30	4 0	23 20	0 15	13 48	5 52	4 52	1 7	10 58	0 56	15 21	1 20	8 35	0 23	14 21	1 51	32 22	8 34	18 17	17 53	18 12			n.a.
T 18	23 21	20 51	3 1	23 36	0 24	13 39	6 5	5 3	1 7	11 1	0 56	15 20	1 20	8 35	0 23	14 22	1 51	32 22	8 34	18 18	17 54	18 11			n.a.
F 19	23 16	20 44	1 48	23 52	0 32	13 31	6 17	5 15	1 8	11 4	0 57	15 20	1 19	8 35	0 23	14 22	1 51	32 22	8 34	18 18	17 55	18 10			n.a.
S 20	23 9	19 7	0 27	24 7	0 40	13 24	6 30	5 27	1 8	11 7	0 57	15 20	1 19	8 35	0 23	14 23	1 51	32 22	8 34	18 19	17 56	18 9			n.a.
S 21	23 3	16 12	0 s56	24 21	0 47	13 17	6 42	5 39	1 9	11 9	0 57	15 20	1 19	8 35	0 23	14 23	1 51	32 22	8 34	18 19	17 57	18 8			n.a.
M22	22 56	12 15	2 13	24 34	0 55	13 11	6 53	5 52	1 9	11 12	0 57	15 20	1 19	8 36	0 23	14 23	1 51	32 22	8 34	18 18	17 58	18 7			n.a.
T 23	22 48	7 40	3 21	24 46	1 2	13 6	7 4	6 4	1 10	11 15	0 57	15 20	1 18	8 36	0 23	14 24	1 51	32 22	8 34	18 18	17 59	18 6			n.a.
W24	22 40	2 47	4 14	24 57	1 8	13 2	7 15	6 16	1 10	11 17	0 57	15 20	1 18	8 36	0 23	14 24	1 51	32 22	8 34	18 18	18 0	18 5			n.a.
T 25	22 32	2n 7	4 51	25 6	1 15	12 59	7 25	6 28	1 10	11 20	0 57	15 20	1 18	8 36	0 23	14 25	1 51	32 22	8 34	18 17	18 0	18 4			n.a.
F 26	22 23	6 46	5 12	25 14	1 21	12 57	7 34	6 40	1 11	11 22	0 57	15 20	1 18	8 36	0 23	14 25	1 51	32 22	8 34	18 17	18 1	18 3			n.a.
S 27	22 14	11 0	5 15	25 22	1 26	12 55	7 43	6 52	1 11	11 25	0 57	15 20	1 18	8 37	0 23	14 26	1 51	32 22	8 34	18 18	18 2	18 2			n.a.
S 28	22 4	14 38	5 3	25 27	1 32	12 55	7 51	7 5	1 12	11 27	0 57	15 20	1 17	8 37	0 23	14 26	1 51	32 22	8 34	18 18	18 3	18 1			n.a.
M29	21 54	17 32	4 37	25 31	1 37	12 55	7 58	7 17	1 12	11 29	0 57	15 20	1 17	8 37	0 23	14 27	1 51	32 21	8 34	18 19	18 4	18 0			n.a.
T 30	21 44	19 36	3 58	25 34	1 41	12 56	8 4	7 29	1 12	11 32	0 57	15 20	1 17	8 37	0 23	14 27	1 51	32 21	8 34	18 20	18 5	17 59			n.a.
W31	21 s33	20n45	3 s 9	25 s36	1 s46	12 s58	8n10	7n41	1n13	11 s34	0n57	15n20	1 s17	8n38	0 s23	14n28	1n51	32n21	8n34	18n20	18n 6	17n58			n.a.

Julian Day Number = 989827.5, Delta T = 13h03m49s
Ecliptic obliquity = 23°55'22, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'16, Lahiri = -31°34'16 Julian Calendar 1 Jan. 2003 BCE == Greg. Calendar 15 Dec. 2004 BCE

The year -2002 astronomical counting style corresponds to year 2003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

FEBRUARY 2003 BCE (-2002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 36 5	26♉ 4'36	14♋27	6♉28	27°R25	16♈55	2♏14	14°D38	22♈39	27°R 5	24°R12	9°R 6	9♌58	10♌48	n.a.	T 1
F 2	7 40 2	27° 4'04	26°20	8° 4	26♉47	17°25	2°20	14♉38	22°40	27♌ 4	24♊10	9♌ 5	9°54	10°54	n.a.	F 2
S 3	7 43 58	28° 3'29	8♌10	9°41	26° 9	17°56	2°26	14°38	22°41	27° 2	24° 9	9°D 4	9°51	11° 1	n.a.	S 3
S 4	7 47 55	29° 2'51	19°57	11°20	25°31	18°27	2°32	14°39	22°42	27° 1	24° 8	9° 5	9°48	11° 8	n.a.	S 4
M 5	7 51 52	0♒ 2'12	1♍45	12°59	24°54	18°58	2°38	14°39	22°43	27° 0	24° 7	9° 5	9°45	11°14	n.a.	M 5
T 6	7 55 48	1° 1'31	13°37	14°41	24°17	19°29	2°43	14°40	22°44	26°58	24° 6	9° 6	9°42	11°21	n.a.	T 6
W 7	7 59 45	2° 0'47	25°36	16°23	23°42	20° 1	2°49	14°40	22°45	26°57	24° 5	9° 7	9°38	11°28	n.a.	W 7
T 8	8 3 41	3° 0'02	7♎44	18° 7	23° 8	20°32	2°54	14°41	22°47	26°55	24° 4	9° 8	9°35	11°34	n.a.	T 8
F 9	8 7 38	3°59'14	20° 7	19°52	22°36	21° 3	2°59	14°42	22°48	26°54	24° 3	9° 8	9°32	11°41	n.a.	F 9
S 10	8 11 34	4°58'25	2♏49	21°38	22° 5	21°35	3° 4	14°43	22°49	26°52	24° 2	9°R 8	9°29	11°47	n.a.	S 10
S 11	8 15 31	5°57'33	15°52	23°25	21°36	22° 7	3° 9	14°44	22°50	26°51	24° 1	9° 8	9°26	11°54	n.a.	S 11
M12	8 19 27	6°56'40	29°20	25°14	21°10	22°39	3°13	14°45	22°52	26°49	24° 0	9° 8	9°23	12° 1	n.a.	M12
T 13	8 23 24	7°55'45	13♐15	27° 5	20°45	23°10	3°17	14°47	22°53	26°48	23°59	9° 8	9°19	12° 7	n.a.	T 13
W14	8 27 20	8°54'48	27°36	28°57	20°22	23°42	3°22	14°48	22°55	26°46	23°58	9°D 8	9°16	12°14	n.a.	W14
T 15	8 31 17	9°53'49	12♑20	0♒50	20° 2	24°15	3°26	14°50	22°56	26°45	23°57	9° 8	9°13	12°21	n.a.	T 15
F 16	8 35 14	10°52'48	27°22	2°44	19°44	24°47	3°29	14°51	22°58	26°43	23°56	9° 8	9°10	12°27	n.a.	F 16
S 17	8 39 10	11°51'45	12♒33	4°40	19°29	25°19	3°33	14°53	22°59	26°42	23°55	9°R 8	9° 7	12°34	n.a.	S 17
S 18	8 43 7	12°50'39	27°44	6°37	19°16	25°51	3°37	14°55	23° 1	26°40	23°54	9° 8	9° 4	12°41	n.a.	S 18
M19	8 47 3	13°49'31	12♓46	8°36	19° 6	26°24	3°40	14°57	23° 3	26°39	23°53	9° 7	9° 0	12°47	n.a.	M19
T 20	8 51 0	14°48'21	27°31	10°35	18°58	26°56	3°43	14°59	23° 4	26°37	23°52	9° 7	8°57	12°54	n.a.	T 20
W21	8 54 56	15°47'08	11♈52	12°36	18°52	27°29	3°46	15° 1	23° 6	26°35	23°52	9° 6	8°54	13° 1	n.a.	W21
T 22	8 58 53	16°45'54	25°47	14°39	18°49	28° 2	3°49	15° 3	23° 8	26°34	23°51	9° 6	8°51	13° 7	n.a.	T 22
F 23	9 2 49	17°44'36	9♉16	16°42	18°D48	28°34	3°51	15° 6	23°10	26°32	23°50	9° 5	8°48	13°14	n.a.	F 23
S 24	9 6 46	18°43'16	22°19	18°46	18°50	29° 7	3°54	15° 8	23°12	26°30	23°49	9°D 5	8°44	13°20	n.a.	S 24
S 25	9 10 42	19°41'54	5♊ 0	20°51	18°53	29°40	3°56	15°11	23°14	26°29	23°49	9° 5	8°41	13°27	n.a.	S 25
M26	9 14 39	20°40'30	17°23	22°56	19° 0	0♉13	3°58	15°13	23°16	26°27	23°48	9° 6	8°38	13°34	n.a.	M26
T 27	9 18 35	21°39'03	29°32	25° 2	19° 8	0°46	4° 0	15°16	23°18	26°26	23°47	9° 7	8°35	13°40	n.a.	T 27
W28	9 22 32	22♒37'34	11♋30	27♒ 8	19♉19	1♉20	4♏ 1	15♉19	23♈20	26♌24	23♊47	9♌ 9	8♌32	13♌47	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21 s22	20n56	2 s12	25 s35	1 s50	13 s 1	8n14	7n54	1n13	11 s36	0n57	15n20	1 s16	8n38	0 s23	14n28	1n52	32n21	8n34	18n21	18n 7	17n57		n.a.	T 1
F 2	21 10	20 10	1 10	25 33	1 53	13 5	8 18	8 6	1 13	11 38	0 57	15 21	1 16	8 38	0 23	14 29	1 52	32 21	8 34	18 21	18 7	17 56		n.a.	F 2
S 3	20 58	18 31	0 5	25 30	1 56	13 9	8 20	8 18	1 14	11 40	0 58	15 21	1 16	8 39	0 23	14 29	1 52	32 21	8 34	18 21	18 8	17 55		n.a.	S 3
S 4	20 46	16 4	1n 0	25 24	1 59	13 14	8 22	8 31	1 14	11 42	0 58	15 21	1 16	8 39	0 23	14 30	1 52	32 21	8 34	18 21	18 9	17 54		n.a.	S 4
M 5	20 33	12 58	2 3	25 17	2 1	13 20	8 23	8 43	1 14	11 44	0 58	15 22	1 15	8 40	0 23	14 30	1 52	32 21	8 34	18 21	18 10	17 53		n.a.	M 5
T 6	20 20	9 20	3 1	25 8	2 3	13 27	8 23	8 55	1 15	11 46	0 58	15 22	1 15	8 40	0 23	14 31	1 52	32 21	8 34	18 20	18 11	17 52		n.a.	T 6
W 7	20 7	5 18	3 51	24 57	2 4	13 34	8 22	9 8	1 15	11 47	0 58	15 22	1 15	8 40	0 23	14 31	1 52	32 20	8 34	18 20	18 12	17 51		n.a.	W 7
T 8	19 53	1 1	4 32	24 44	2 5	13 41	8 20	9 20	1 15	11 49	0 58	15 23	1 15	8 41	0 23	14 32	1 52	32 20	8 34	18 20	18 13	17 50		n.a.	T 8
F 9	19 39	3 s23	5 1	24 30	2 6	13 49	8 17	9 33	1 16	11 51	0 58	15 23	1 15	8 41	0 23	14 32	1 52	32 20	8 34	18 20	18 13	17 49		n.a.	F 9
S 10	19 24	7 45	5 16	24 13	2 6	13 58	8 13	9 45	1 16	11 52	0 58	15 24	1 14	8 42	0 23	14 33	1 52	32 20	8 33	18 20	18 14	17 48		n.a.	S 10
S 11	19 10	11 53	5 16	23 54	2 5	14 6	8 9	9 57	1 16	11 54	0 58	15 24	1 14	8 42	0 23	14 34	1 52	32 20	8 33	18 20	18 15	17 47		n.a.	S 11
M12	18 55	15 33	4 59	23 33	2 4	14 16	8 3	10 10	1 17	11 56	0 58	15 25	1 14	8 43	0 23	14 34	1 52	32 20	8 33	18 20	18 16	17 46		n.a.	M12
T 13	18 39	18 29	4 24	23 10	2 3	14 25	7 58	10 22	1 17	11 57	0 58	15 26	1 14	8 43	0 23	14 35	1 52	32 20	8 33	18 20	18 17	17 45		n.a.	T 13
W14	18 24	20 23	3 31	22 45	2 1	14 35	7 51	10 34	1 17	11 58	0 58	15 26	1 13	8 44	0 23	14 35	1 52	32 19	8 33	18 20	18 18	17 44		n.a.	W14
T 15	18 8	20 57	2 24	22 18	1 58	14 44	7 44	10 47	1 17	12 0	0 58	15 27	1 13	8 45	0 23	14 36	1 52	32 19	8 33	18 20	18 19	17 43		n.a.	T 15
F 16	17 51	20 3	1 5	21 48	1 55	14 54	7 37	10 59	1 18	12 1	0 58	15 28	1 13	8 45	0 22	14 36	1 52	32 19	8 33	18 20	18 19	17 42		n.a.	F 16
S 17	17 35	17 41	0 s19	21 17	1 51	15 5	7 29	11 11	1 18	12 2	0 59	15 28	1 13	8 46	0 22	14 37	1 52	32 19	8 33	18 20	18 20	17 40		n.a.	S 17
S 18	17 18	14 5	1 42	20 43	1 47	15 15	7 20	11 24	1 18	12 3	0 59	15 29	1 12	8 47	0 22	14 38	1 52	32 19	8 33	18 20	18 21	17 39		n.a.	S 18
M19	17 1	9 36	2 56	20 7	1 42	15 25	7 11	11 36	1 18	12 4	0 59	15 30	1 12	8 47	0 22	14 38	1 52	32 19	8 33	18 20	18 22	17 38		n.a.	M19
T 20	16 43	4 38	3 58	19 29	1 37	15 35	7 2	11 48	1 18	12 5	0 59	15 31	1 12	8 48	0 22	14 39	1 52	32 19	8 32	18 20	18 23	17 37		n.a.	T 20
W21	16 26	0n28	4 43	18 49	1 31	15 45	6 53	12 0	1 19	12 6	0 59	15 32	1 12	8 49	0 22	14 39	1 52	32 18	8 32	18 20	18 24	17 36		n.a.	W21
T 22	16 8	5 22	5 9	18 7	1 24	15 55	6 43	12 12	1 19	12 7	0 59	15 32	1 12	8 49	0 22	14 40	1 52	32 18	8 32	18 21	18 25	17 35		n.a.	T 22
F 23	15 49	9 51	5 18	17 22	1 17	16 5	6 33	12 25	1 19	12 8	0 59	15 33	1 11	8 50	0 22	14 40	1 52	32 18	8 32	18 21	18 25	17 34		n.a.	F 23
S 24	15 31	13 44	5 9	16 36	1 10	16 15	6 23	12 37	1 19	12 9	0 59	15 34	1 11	8 51	0 22	14 41	1 52	32 18	8 32	18 21	18 26	17 33		n.a.	S 24
S 25	15 12	16 53	4 46	15 48	1 1	16 25	6 13	12 49	1 19	12 9	0 59	15 35	1 11	8 52	0 22	14 42	1 52	32 18	8 32	18 21	18 27	17 32		n.a.	S 25
M26	14 53	19 10	4 10	14 58	0 53	16 34	6 2	13 1	1 20	12 10	0 59	15 36	1 11	8 52	0 22	14 42	1 52	32 18	8 32	18 20	18 28	17 31		n.a.	M26
T 27	14 34	20 33	3 23	14 7	0 43	16 43	5 52	13 13	1 20	12 11	0 59	15 37	1 10	8 53	0 22	14 43	1 52	32 17	8 32	18 20	18 29	17 30		n.a.	T 27
W28	14 s15	20n58	2 s28	13 s14	0 s34	16 s52	5n41	13n25	1n20	12 s11	0n59	15n38	1 s10	8n54	0 s22	14n43	1n52	32n17	8n32	18n20	18n30	17n28		n.a.	W28

Julian Day Number = 989858.5, Delta T = 13h03m47s
Ecliptic obliquity = 23°55'22, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'12, Lahiri = -31°34'12 Julian Calendar 1 Feb. 2003 BCE == Greg. Calendar 15 Jan. 2003 BCE

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

MARCH 2003 BCE (-2002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 26 29	23♒36'02	23♋21	29♒14	19♉31	1♉53	4♏ 3	15♉22	23♈22	26°R22	23°R46	9♌10	8♌29	13♌54	n.a.	T 1
F 2	9 30 25	24°34'29	5♌ 9	1♓20	19°46	2°26	4° 4	15°25	23°24	26♌21	23♊45	9°R10	8°25	14° 0	n.a.	F 2
S 3	9 34 22	25°32'53	16°57	3°25	20° 3	2°59	4° 5	15°28	23°26	26°19	23°45	9°10	8°22	14° 7	n.a.	S 3
S 4	9 38 18	26°31'15	28°46	5°30	20°21	3°33	4° 6	15°32	23°29	26°17	23°44	9° 9	8°19	14°14	n.a.	S 4
M 5	9 42 15	27°29'35	10♍39	7°33	20°42	4° 6	4° 7	15°35	23°31	26°16	23°44	9° 7	8°16	14°20	n.a.	M 5
T 6	9 46 11	28°27'53	22°38	9°34	21° 4	4°40	4° 7	15°38	23°33	26°14	23°43	9° 5	8°13	14°27	n.a.	T 6
W 7	9 50 8	29°26'09	4♎45	11°34	21°28	5°14	4° 8	15°42	23°36	26°13	23°43	9° 1	8° 9	14°34	n.a.	W 7
T 8	9 54 4	0♓24'24	17° 2	13°31	21°54	5°47	4°R 8	15°46	23°38	26°11	23°42	8°58	8° 6	14°40	n.a.	T 8
F 9	9 58 1	1°22'36	29°32	15°26	22°21	6°21	4° 8	15°49	23°40	26° 9	23°42	8°55	8° 3	14°47	n.a.	F 9
S 10	10 1 57	2°20'47	12♏17	17°18	22°50	6°55	4° 8	15°53	23°43	26° 8	23°42	8°53	8° 0	14°54	n.a.	S 10
S 11	10 5 54	3°18'57	25°19	19° 7	23°20	7°29	4° 7	15°57	23°46	26° 6	23°41	8°52	7°57	15° 0	n.a.	S 11
M12	10 9 51	4°17'05	8♐41	20°53	23°52	8° 3	4° 7	16° 1	23°48	26° 4	23°41	8°D51	7°54	15° 7	n.a.	M12
T 13	10 13 47	5°15'11	22°26	22°35	24°25	8°37	4° 6	16° 5	23°51	26° 3	23°41	8°52	7°50	15°13	n.a.	T 13
W14	10 17 44	6°13'16	6♑33	24°14	24°59	9°11	4° 5	16°10	23°53	26° 1	23°40	8°54	7°47	15°20	n.a.	W14
T 15	10 21 40	7°11'19	21° 2	25°49	25°35	9°45	4° 4	16°14	23°56	26° 0	23°40	8°55	7°44	15°27	n.a.	T 15
F 16	10 25 37	8° 9'20	5♒49	27°19	26°12	10°19	4° 3	16°18	23°59	25°58	23°40	8°R56	7°41	15°33	n.a.	F 16
S 17	10 29 33	9° 7'20	20°50	28°46	26°50	10°53	4° 1	16°23	24° 1	25°56	23°40	8°55	7°38	15°40	n.a.	S 17
S 18	10 33 30	10° 5'19	5♓56	0♈ 9	27°29	11°27	3°59	16°27	24° 4	25°55	23°40	8°53	7°35	15°47	n.a.	S 18
M19	10 37 26	11° 3'15	20°59	1°27	28°10	12° 2	3°58	16°32	24° 7	25°53	23°39	8°50	7°31	15°53	n.a.	M19
T 20	10 41 23	12° 1'10	5♈49	2°41	28°51	12°36	3°55	16°37	24°10	25°52	23°39	8°46	7°28	16° 0	n.a.	T 20
W21	10 45 19	12°59'02	20°18	3°50	29°33	13°11	3°53	16°41	24°13	25°50	23°39	8°41	7°25	16° 7	n.a.	W21
T 22	10 49 16	13°56'53	4♉22	4°55	0♒17	13°45	3°51	16°46	24°15	25°49	23°39	8°36	7°22	16°13	n.a.	T 22
F 23	10 53 13	14°54'42	17°58	5°55	1° 1	14°20	3°48	16°51	24°18	25°47	23°D39	8°32	7°19	16°20	n.a.	F 23
S 24	10 57 9	15°52'29	1♊ 6	6°51	1°46	14°54	3°45	16°56	24°21	25°46	23°39	8°29	7°15	16°27	n.a.	S 24
S 25	11 1 6	16°50'15	13°50	7°42	2°32	15°29	3°42	17° 1	24°24	25°44	23°39	8°D28	7°12	16°33	n.a.	S 25
M26	11 5 2	17°47'58	26°13	8°28	3°19	16° 4	3°39	17° 6	24°27	25°43	23°39	8°28	7° 9	16°40	n.a.	M26
T 27	11 8 59	18°45'40	8♋19	9° 9	4° 6	16°38	3°36	17°12	24°30	25°41	23°39	8°30	7° 6	16°47	n.a.	T 27
W28	11 12 55	19°43'20	20°14	9°46	4°54	17°13	3°32	17°17	24°33	25°40	23°39	8°31	7° 3	16°53	n.a.	W28
T 29	11 16 52	20°40'58	2♌ 3	10°17	5°43	17°48	3°29	17°22	24°36	25°38	23°40	8°32	7° 0	17° 0	n.a.	T 29
F 30	11 20 48	21°38'34	13°49	10°44	6°33	18°23	3°25	17°28	24°40	25°37	23°40	8°R32	6°56	17° 6	n.a.	F 30
S 31	11 24 45	22♓36'09	25♌38	11♈ 5	7♒24	18♉58	3♏21	17♉33	24♈43	25♌35	23♊40	8♌31	6♌53	17♌13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13s55	20n26	1s27	12s20	0s24	17s 1	5n31	13n37	1n20	12s12	0n59	15n39	1s10	8n55	0s22	14n44	1n52	32n17	8n31	18n20	18n31	17n27			n.a.
F 2	13 36	19 0	0 22	11 25	0 13	17 9	5 20	13 49	1 20	12 12	0 59	15 41	1 10	8 56	0 22	14 44	1 52	32 17	8 31	18 19	18 31	17 26			n.a.
S 3	13 16	16 45	0n43	10 29	0 2	17 17	5 9	14 1	1 20	12 12	1 0	15 42	1 10	8 56	0 22	14 45	1 52	32 17	8 31	18 19	18 32	17 25			n.a.
S 4	12 56	13 48	1 46	9 33	0n 9	17 25	4 59	14 13	1 21	12 13	1 0	15 43	1 9	8 57	0 22	14 46	1 52	32 17	8 31	18 20	18 33	17 24			n.a.
M 5	12 35	10 16	2 45	8 36	0 20	17 33	4 48	14 24	1 21	12 13	1 0	15 44	1 9	8 58	0 22	14 46	1 52	32 16	8 31	18 20	18 34	17 23			n.a.
T 6	12 15	6 18	3 38	7 39	0 31	17 40	4 38	14 36	1 21	12 13	1 0	15 45	1 9	8 59	0 22	14 47	1 52	32 16	8 31	18 21	18 35	17 22			n.a.
W 7	11 54	2 3	4 21	6 43	0 43	17 46	4 28	14 48	1 21	12 13	1 0	15 47	1 9	9 0	0 22	14 47	1 52	32 16	8 31	18 22	18 36	17 21			n.a.
T 8	11 33	2s20	4 52	5 46	0 54	17 52	4 17	14 59	1 21	12 13	1 0	15 48	1 9	9 1	0 22	14 48	1 52	32 16	8 30	18 23	18 36	17 19			n.a.
F 9	11 12	6 41	5 11	4 51	1 5	17 58	4 7	15 11	1 21	12 13	1 0	15 49	1 8	9 2	0 22	14 49	1 52	32 16	8 30	18 23	18 37	17 18			n.a.
S 10	10 51	10 51	5 14	3 57	1 17	18 3	3 57	15 22	1 21	12 13	1 0	15 51	1 8	9 3	0 22	14 49	1 52	32 16	8 30	18 24	18 38	17 17			n.a.
S 11	10 30	14 35	5 2	3 3	1 27	18 8	3 47	15 34	1 21	12 13	1 0	15 52	1 8	9 4	0 22	14 50	1 52	32 15	8 30	18 24	18 39	17 16			n.a.
M12	10 8	17 42	4 33	2 12	1 38	18 13	3 37	15 45	1 22	12 12	1 0	15 53	1 8	9 5	0 22	14 50	1 52	32 15	8 30	18 24	18 40	17 15			n.a.
T 13	9 46	19 54	3 49	1 21	1 48	18 16	3 27	15 57	1 22	12 12	1 0	15 55	1 8	9 6	0 22	14 51	1 52	32 15	8 30	18 24	18 41	17 14			n.a.
W14	9 25	20 57	2 49	0 33	1 57	18 20	3 17	16 8	1 22	12 12	1 0	15 56	1 7	9 7	0 22	14 51	1 52	32 15	8 29	18 24	18 41	17 12			n.a.
T 15	9 3	20 39	1 37	0n14	2 6	18 23	3 8	16 19	1 22	12 11	1 0	15 57	1 7	9 8	0 22	14 52	1 52	32 15	8 29	18 24	18 42	17 11			n.a.
F 16	8 41	18 55	0 17	0 58	2 15	18 25	2 58	16 30	1 22	12 11	1 0	15 59	1 7	9 9	0 22	14 52	1 52	32 15	8 29	18 23	18 43	17 10			n.a.
S 17	8 19	15 52	1s 5	1 40	2 22	18 27	2 49	16 41	1 22	12 10	1 0	16 0	1 7	9 10	0 22	14 53	1 52	32 14	8 29	18 23	18 44	17 9			n.a.
S 18	7 56	11 43	2 23	2 20	2 30	18 28	2 40	16 52	1 22	12 9	1 0	16 2	1 7	9 11	0 22	14 54	1 52	32 14	8 29	18 24	18 45	17 8			n.a.
M19	7 34	6 51	3 30	2 58	2 36	18 29	2 31	17 3	1 22	12 9	1 0	16 3	1 6	9 12	0 22	14 54	1 52	32 14	8 29	18 25	18 46	17 7			n.a.
T 20	7 11	1 39	4 22	3 33	2 42	18 29	2 22	17 14	1 22	12 8	1 1	16 5	1 6	9 13	0 22	14 55	1 52	32 14	8 29	18 26	18 46	17 5			n.a.
W21	6 49	3n31	4 56	4 5	2 46	18 29	2 13	17 25	1 22	12 7	1 1	16 7	1 6	9 14	0 22	14 55	1 52	32 14	8 28	18 27	18 47	17 4			n.a.
T 22	6 26	8 21	5 11	4 35	2 50	18 28	2 4	17 36	1 22	12 6	1 1	16 8	1 6	9 15	0 22	14 56	1 52	32 14	8 28	18 29	18 48	17 3			n.a.
F 23	6 4	12 36	5 8	5 2	2 53	18 27	1 56	17 46	1 22	12 5	1 1	16 10	1 6	9 16	0 22	14 56	1 52	32 13	8 28	18 30	18 49	17 2			n.a.
S 24	5 41	16 6	4 48	5 27	2 55	18 25	1 48	17 57	1 23	12 4	1 1	16 11	1 5	9 18	0 22	14 57	1 52	32 13	8 28	18 30	18 50	17 1			n.a.
S 25	5 18	18 42	4 15	5 48	2 57	18 23	1 39	18 7	1 23	12 3	1 1	16 13	1 5	9 19	0 22	14 57	1 52	32 13	8 28	18 31	18 51	16 59			n.a.
M26	4 55	20 22	3 30	6 7	2 57	18 20	1 31	18 18	1 23	12 2	1 1	16 15	1 5	9 20	0 22	14 58	1 52	32 13	8 28	18 31	18 51	16 58			n.a.
T 27	4 32	21 2	2 37	6 23	2 56	18 16	1 24	18 28	1 23	12 1	1 1	16 16	1 5	9 21	0 22	14 58	1 52	32 13	8 27	18 30	18 52	16 57			n.a.
W28	4 9	20 45	1 38	6 36	2 54	18 12	1 16	18 38	1 23	12 0	1 1	16 18	1 5	9 22	0 22	14 59	1 52	32 13	8 27	18 30	18 53	16 56			n.a.
T 29	3 46	19 32	0 35	6 46	2 51	18 7	1 8	18 48	1 23	11 59	1 1	16 20	1 4	9 23	0 22	14 59	1 52	32 12	8 27	18 30	18 54	16 54			n.a.
F 30	3 23	17 28	0n29	6 53	2 47	18 2	1 1	18 58	1 23	11 57	1 1	16 22	1 4	9 24	0 22	15 0	1 52	32 12	8 27	18 30	18 55	16 53			n.a.
S 31	3s 0	14n40	1n31	6n57	2n42	17s56	0n53	19n 8	1n23	11s56	1n 1	16n23	1s 4	9n26	0s21	15n 0	1n52	32n12	8n27	18n30	18n56	16n52			n.a.

Julian Day Number = 989886.5, Delta T = 13h03m45s
Ecliptic obliquity = 23°55'23, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'08, Lahiri = -31°34'08 Julian Calendar 1 March 2003 BCE == Greg. Calendar 12 Feb. 2003 BCE

The year -2002 astronomical counting style corresponds to year 2003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

APRIL 2003 BCE (-2002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 28 42	23♓33'42	7♍31	11♈22	8♒15	19♉33	3°R17	17♉39	24♈46	25°R34	23♊40	8°R27	6♌50	17♌20	n.a.	S 1
M 2	11 32 38	24°31'14	19°32	11°33	9° 6	20° 8	3♏12	17°45	24°49	25♌32	23°41	8♌22	6°47	17°26	n.a.	M 2
T 3	11 36 35	25°28'44	1♎42	11°40	9°59	20°43	3° 8	17°50	24°52	25°31	23°41	8°14	6°44	17°33	n.a.	T 3
W 4	11 40 31	26°26'13	14° 3	11°R42	10°51	21°18	3° 3	17°56	24°55	25°30	23°41	8° 6	6°40	17°40	n.a.	W 4
T 5	11 44 28	27°23'41	26°35	11°39	11°45	21°53	2°59	18° 2	24°59	25°28	23°41	7°57	6°37	17°46	n.a.	T 5
F 6	11 48 24	28°21'07	9♏19	11°31	12°39	22°28	2°54	18° 8	25° 2	25°27	23°42	7°49	6°34	17°53	n.a.	F 6
S 7	11 52 21	29°18'33	22°15	11°19	13°33	23° 3	2°48	18°14	25° 5	25°26	23°42	7°42	6°31	18° 0	n.a.	S 7
S 8	11 56 17	0♈15'57	5♐26	11° 3	14°28	23°39	2°43	18°20	25° 8	25°24	23°43	7°37	6°28	18° 6	n.a.	S 8
M 9	12 0 14	1°13'21	18°51	10°44	15°24	24°14	2°38	18°26	25°12	25°23	23°43	7°35	6°25	18°13	n.a.	M 9
T 10	12 4 11	2°10'44	2♑31	10°20	16°20	24°49	2°32	18°32	25°15	25°22	23°44	7°D34	6°21	18°20	n.a.	T 10
W11	12 8 7	3° 8'06	16°28	9°54	17°16	25°25	2°27	18°38	25°19	25°21	23°44	7°35	6°18	18°26	n.a.	W11
T 12	12 12 4	4° 5'27	0♒42	9°25	18°13	26° 0	2°21	18°45	25°22	25°20	23°45	7°R35	6°15	18°33	n.a.	T 12
F 13	12 16 0	5° 2'48	15°11	8°54	19°10	26°35	2°15	18°51	25°25	25°18	23°45	7°35	6°12	18°40	n.a.	F 13
S 14	12 19 57	6° 0'07	29°52	8°22	20° 8	27°11	2° 9	18°58	25°29	25°17	23°46	7°33	6° 9	18°46	n.a.	S 14
S 15	12 23 53	6°57'26	14♓40	7°49	21° 6	27°47	2° 3	19° 4	25°32	25°16	23°46	7°29	6° 6	18°53	n.a.	S 15
M16	12 27 50	7°54'43	29°27	7°15	22° 5	28°22	1°57	19°10	25°35	25°15	23°47	7°23	6° 2	18°59	n.a.	M16
T 17	12 31 46	8°52'00	14♈ 7	6°41	23° 4	28°58	1°50	19°17	25°39	25°14	23°48	7°14	5°59	19° 6	n.a.	T 17
W18	12 35 43	9°49'16	28°31	6° 8	24° 3	29°33	1°44	19°24	25°42	25°13	23°48	7° 4	5°56	19°13	n.a.	W18
T 19	12 39 40	10°46'31	12♉33	5°37	25° 2	0♊ 9	1°37	19°30	25°46	25°12	23°49	6°55	5°53	19°19	n.a.	T 19
F 20	12 43 36	11°43'45	26°10	5° 7	26° 2	0°45	1°30	19°37	25°49	25°11	23°50	6°46	5°50	19°26	n.a.	F 20
S 21	12 47 33	12°40'58	9♊21	4°40	27° 2	1°21	1°24	19°44	25°53	25°10	23°51	6°40	5°46	19°33	n.a.	S 21
S 22	12 51 29	13°38'10	22° 7	4°15	28° 3	1°57	1°17	19°51	25°56	25° 9	23°51	6°36	5°43	19°39	n.a.	S 22
M23	12 55 26	14°35'21	4♋31	3°53	29° 4	2°32	1°10	19°57	26° 0	25° 8	23°52	6°33	5°40	19°46	n.a.	M23
T 24	12 59 22	15°32'31	16°38	3°36	0♓ 5	3° 8	1° 3	20° 4	26° 3	25° 7	23°53	6°D33	5°37	19°53	n.a.	T 24
W25	13 3 19	16°29'40	28°33	3°21	1° 6	3°44	0°55	20°11	26° 7	25° 6	23°54	6°33	5°34	19°59	n.a.	W25
T 26	13 7 15	17°26'48	10♌22	3°11	2° 8	4°20	0°48	20°18	26°10	25° 5	23°55	6°R33	5°31	20° 6	n.a.	T 26
F 27	13 11 12	18°23'55	22°10	3° 6	3°10	4°56	0°41	20°25	26°14	25° 4	23°56	6°32	5°27	20°13	n.a.	F 27
S 28	13 15 9	19°21'01	4♍ 1	3°D 4	4°12	5°32	0°34	20°32	26°17	25° 4	23°57	6°29	5°24	20°19	n.a.	S 28
S 29	13 19 5	20°18'07	16° 0	3° 7	5°14	6° 8	0°26	20°39	26°21	25° 3	23°58	6°24	5°21	20°26	n.a.	S 29
M30	13 23 2	21♈15'12	28♍10	3♈15	6♓17	6♊45	0♏19	20♉47	26♈25	25♌ 2	23♊59	6♌15	5♌18	20♌33	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s36	11n14	2n31	6n58	2n36	17s50	0n46	19n18	1n23	11s54	1n 1	16n25	1s 4	9n27	0s21	15n 1	1n52	32n12	8n27	18n31	18n56	16n51		n.a.
M 2	2 13	7 20	3 23	6 56	2 29	17 43	0 39	19 28	1 23	11 53	1 1	16 27	1 4	9 28	0 21	15 1	1 52	32 12	8 26	18 32	18 57	16 50		n.a.
T 3	1 50	3 5	4 8	6 51	2 20	17 35	0 32	19 37	1 23	11 51	1 1	16 29	1 4	9 29	0 21	15 2	1 52	32 12	8 26	18 34	18 58	16 48		n.a.
W 4	1 27	1s21	4 41	6 43	2 11	17 27	0 26	19 47	1 23	11 50	1 1	16 30	1 3	9 30	0 21	15 2	1 52	32 12	8 26	18 37	18 59	16 47		n.a.
T 5	1 3	5 47	5 1	6 32	2 0	17 18	0 19	19 56	1 23	11 48	1 1	16 32	1 3	9 32	0 21	15 2	1 52	32 11	8 26	18 39	19 0	16 46		n.a.
F 6	0 40	10 2	5 7	6 18	1 49	17 9	0 13	20 6	1 23	11 46	1 1	16 34	1 3	9 33	0 21	15 3	1 52	32 11	8 26	18 41	19 0	16 44		n.a.
S 7	0 17	13 55	4 57	6 2	1 36	16 59	0 6	20 15	1 23	11 45	1 1	16 36	1 3	9 34	0 21	15 3	1 52	32 11	8 26	18 43	19 1	16 43		n.a.
S 8	0n 6	17 11	4 32	5 43	1 22	16 49	0 0	20 24	1 23	11 43	1 1	16 38	1 3	9 35	0 21	15 4	1 52	32 11	8 25	18 44	19 2	16 42		n.a.
M 9	0 30	19 36	3 51	5 22	1 8	16 38	0s 6	20 33	1 23	11 41	1 1	16 40	1 3	9 37	0 21	15 4	1 52	32 11	8 25	18 45	19 3	16 41		n.a.
T 10	0 53	20 57	2 57	4 59	0 53	16 27	0 12	20 42	1 23	11 39	1 1	16 42	1 2	9 38	0 21	15 4	1 52	32 11	8 25	18 45	19 4	16 39		n.a.
W11	1 16	21 3	1 51	4 34	0 37	16 15	0 17	20 50	1 23	11 37	1 1	16 44	1 2	9 39	0 21	15 5	1 52	32 11	8 25	18 45	19 4	16 38		n.a.
T 12	1 39	19 48	0 37	4 8	0 21	16 2	0 23	20 59	1 23	11 35	1 1	16 45	1 2	9 40	0 21	15 5	1 52	32 10	8 25	18 45	19 5	16 37		n.a.
F 13	2 3	17 15	0s41	3 40	0 4	15 49	0 28	21 8	1 23	11 33	1 1	16 47	1 2	9 42	0 21	15 6	1 52	32 10	8 25	18 45	19 6	16 36		n.a.
S 14	2 26	13 34	1 56	3 11	0s13	15 36	0 34	21 16	1 23	11 31	1 1	16 49	1 2	9 43	0 21	15 6	1 52	32 10	8 24	18 45	19 7	16 34		n.a.
S 15	2 49	8 59	3 5	2 42	0 30	15 22	0 39	21 24	1 23	11 29	1 1	16 51	1 2	9 44	0 21	15 6	1 52	32 10	8 24	18 46	19 8	16 33		n.a.
M16	3 12	3 53	4 1	2 13	0 46	15 7	0 44	21 33	1 23	11 27	1 1	16 53	1 1	9 46	0 21	15 7	1 52	32 10	8 24	18 48	19 8	16 32		n.a.
T 17	3 35	1n23	4 40	1 45	1 3	14 52	0 49	21 41	1 23	11 24	1 1	16 55	1 1	9 47	0 21	15 7	1 52	32 10	8 24	18 50	19 9	16 30		n.a.
W18	3 58	6 29	5 1	1 16	1 19	14 37	0 53	21 49	1 23	11 22	1 1	16 57	1 1	9 48	0 21	15 7	1 52	32 10	8 24	18 53	19 10	16 29		n.a.
T 19	4 21	11 7	5 3	0 49	1 35	14 21	0 58	21 56	1 23	11 20	1 0	16 59	1 1	9 49	0 21	15 8	1 52	32 10	8 24	18 55	19 11	16 28		n.a.
F 20	4 44	15 2	4 47	0 23	1 50	14 4	1 2	22 4	1 23	11 18	1 0	17 1	1 1	9 51	0 21	15 8	1 52	32 9	8 24	18 57	19 12	16 26		n.a.
S 21	5 6	18 4	4 17	0s 1	2 5	13 47	1 7	22 12	1 23	11 15	1 0	17 3	1 1	9 52	0 21	15 8	1 51	32 9	8 23	18 59	19 12	16 25		n.a.
S 22	5 29	20 7	3 34	0 23	2 18	13 30	1 11	22 19	1 23	11 13	1 0	17 5	1 1	9 53	0 21	15 9	1 51	32 9	8 23	19 0	19 13	16 24		n.a.
M23	5 52	21 9	2 42	0 43	2 31	13 12	1 15	22 26	1 23	11 10	1 0	17 7	1 0	9 55	0 21	15 9	1 51	32 9	8 23	19 1	19 14	16 22		n.a.
T 24	6 14	21 8	1 44	1 1	2 42	12 54	1 19	22 33	1 23	11 8	1 0	17 9	1 0	9 56	0 21	15 9	1 51	32 9	8 23	19 1	19 15	16 21		n.a.
W25	6 37	20 10	0 43	1 16	2 53	12 35	1 22	22 40	1 22	11 6	1 0	17 11	1 0	9 57	0 21	15 9	1 51	32 9	8 23	19 1	19 16	16 20		n.a.
T 26	6 59	18 19	0n20	1 29	3 2	12 16	1 26	22 47	1 22	11 3	1 0	17 13	1 0	9 59	0 21	15 10	1 51	32 9	8 23	19 1	19 16	16 18		n.a.
F 27	7 21	15 42	1 22	1 39	3 10	11 56	1 29	22 54	1 22	11 1	1 0	17 15	1 0	10 0	0 21	15 10	1 51	32 9	8 22	19 1	19 17	16 17		n.a.
S 28	7 43	12 24	2 21	1 46	3 17	11 36	1 33	23 1	1 22	10 58	1 0	17 17	1 0	10 1	0 21	15 10	1 51	32 9	8 22	19 2	19 18	16 16		n.a.
S 29	8 5	8 35	3 13	1 50	3 23	11 16	1 36	23 7	1 22	10 56	1 0	17 19	1 0	10 3	0 21	15 10	1 51	32 9	8 22	19 3	19 19	16 14		n.a.
M30	8n27	4n22	3n58	1s51	3s28	10s55	1s39	23n13	1n22	10s53	1n 0	17n21	0s59	10n 4	0s21	15n11	1n51	32n 8	8n22	19n 5	19n20	16n13		n.a.

Julian Day Number = 989917.5, Delta T = 13h03m43s
Ecliptic obliquity = 23°55'23, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'04, Lahiri = -31°34'04 Julian Calendar 1 Apr. 2003 BCE == Greg. Calendar 15 March 2003 BCE

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

MAY 2003 BCE (-2002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 26 58	22♈12'16	10♎33	3♈27	7♓20	7♊21	0°R11	20♉54	26♈28	25°R 1	24♊ 0	6°R 5	5♌15	20♌39	n.a.	T 1
W 2	13 30 55	23° 9'20	23° 9	3°44	8°23	7°57	0♏ 4	21° 1	26°32	25♌ 1	24° 1	5♌53	5°11	20°46	n.a.	W 2
T 3	13 34 51	24° 6'23	6♏ 0	4° 5	9°26	8°33	29♎56	21° 8	26°35	25° 0	24° 2	5°41	5° 8	20°53	n.a.	T 3
F 4	13 38 48	25° 3'26	19° 4	4°31	10°30	9° 9	29°49	21°15	26°39	24°59	24° 3	5°29	5° 5	20°59	n.a.	F 4
S 5	13 42 44	26° 0'29	2♐20	5° 1	11°34	9°46	29°41	21°23	26°42	24°59	24° 4	5°19	5° 2	21° 6	n.a.	S 5
S 6	13 46 41	26°57'32	15°47	5°36	12°38	10°22	29°33	21°30	26°46	24°58	24° 5	5°12	4°59	21°12	n.a.	S 6
M 7	13 50 38	27°54'34	29°25	6°15	13°42	10°59	29°26	21°37	26°50	24°58	24° 6	5° 7	4°56	21°19	n.a.	M 7
T 8	13 54 34	28°51'37	13♑12	6°58	14°46	11°35	29°18	21°45	26°53	24°57	24° 7	5° 5	4°52	21°26	n.a.	T 8
W 9	13 58 31	29°48'40	27° 9	7°46	15°51	12°11	29°10	21°52	26°57	24°57	24° 9	5° 4	4°49	21°32	n.a.	W 9
T 10	14 2 27	0♉45'43	11♒14	8°38	16°56	12°48	29° 3	22° 0	27° 0	24°56	24°10	5° 4	4°46	21°39	n.a.	T 10
F 11	14 6 24	1°42'46	25°28	9°34	18° 1	13°24	28°55	22° 7	27° 4	24°56	24°11	5° 3	4°43	21°46	n.a.	F 11
S 12	14 10 20	2°39'49	9♓49	10°34	19° 6	14° 1	28°48	22°15	27° 7	24°55	24°12	5° 1	4°40	21°52	n.a.	S 12
S 13	14 14 17	3°36'52	24°14	11°37	20°12	14°38	28°40	22°22	27°11	24°55	24°14	4°55	4°37	21°59	n.a.	S 13
M14	14 18 14	4°33'56	8♈38	12°45	21°17	15°14	28°32	22°30	27°14	24°55	24°15	4°47	4°33	22° 6	n.a.	M14
T 15	14 22 10	5°30'59	22°56	13°57	22°23	15°51	28°25	22°37	27°18	24°54	24°16	4°37	4°30	22°12	n.a.	T 15
W16	14 26 7	6°28'03	7♉ 1	15°12	23°29	16°28	28°17	22°45	27°22	24°54	24°18	4°25	4°27	22°19	n.a.	W16
T 17	14 30 3	7°25'06	20°50	16°31	24°35	17° 4	28°10	22°53	27°25	24°54	24°19	4°13	4°24	22°26	n.a.	T 17
F 18	14 34 0	8°22'10	4♊18	17°54	25°41	17°41	28° 2	23° 0	27°29	24°54	24°20	4° 3	4°21	22°32	n.a.	F 18
S 19	14 37 56	9°19'14	17°23	19°20	26°48	18°18	27°55	23° 8	27°32	24°53	24°22	3°54	4°17	22°39	n.a.	S 19
S 20	14 41 53	10°16'18	0♋ 7	20°50	27°54	18°55	27°47	23°16	27°36	24°53	24°23	3°48	4°14	22°46	n.a.	S 20
M21	14 45 49	11°13'22	12°30	22°24	29° 1	19°32	27°40	23°23	27°39	24°53	24°25	3°45	4°11	22°52	n.a.	M21
T 22	14 49 46	12°10'26	24°37	24° 1	0♈ 8	20° 9	27°33	23°31	27°43	24°53	24°26	3°43	4° 8	22°59	n.a.	T 22
W23	14 53 43	13° 7'30	6♌33	25°41	1°14	20°46	27°26	23°39	27°46	24°53	24°27	3°43	4° 5	23° 6	n.a.	W23
T 24	14 57 39	14° 4'33	18°23	27°25	2°22	21°23	27°19	23°46	27°50	24°D53	24°29	3°43	4° 2	23°12	n.a.	T 24
F 25	15 1 36	15° 1'37	0♍12	29°12	3°29	22° 0	27°12	23°54	27°53	24°53	24°30	3°42	3°58	23°19	n.a.	F 25
S 26	15 5 32	15°58'41	12° 6	1♉ 2	4°36	22°37	27° 5	24° 2	27°56	24°53	24°32	3°40	3°55	23°26	n.a.	S 26
S 27	15 9 29	16°55'45	24° 9	2°54	5°44	23°14	26°58	24°10	28° 0	24°53	24°33	3°35	3°52	23°32	n.a.	S 27
M28	15 13 25	17°52'50	6♎26	4°50	6°51	23°51	26°51	24°17	28° 3	24°53	24°35	3°27	3°49	23°39	n.a.	M28
T 29	15 17 22	18°49'54	18°59	6°48	7°59	24°28	26°45	24°25	28° 7	24°53	24°37	3°18	3°46	23°46	n.a.	T 29
W30	15 21 19	19°46'59	1♏50	8°48	9° 7	25° 6	26°38	24°33	28°10	24°54	24°38	3° 7	3°43	23°52	n.a.	W30
T 31	15 25 15	20♉44'05	14♏59	10♉50	10♈15	25♊43	26♎32	24♉41	28♈13	24♌54	24♊40	2♌55	3♌39	23♌59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	8n49	0s 6	4n32	1s50	3s32	10s34	1s42	23n20	1n22	10s50	1n 0	17n23	0s59	10n 5	0s21	15n11	1n51	32n 8	8n22	19n 8	19n20	16n12		n.a.	T 1
W 2	9 11	4 38	4 54	1 46	3 35	10 12	1 45	23 26	1 22	10 48	0 59	17 25	0 59	10 7	0 21	15 11	1 51	32 8	8 22	19 11	19 21	16 10		n.a.	W 2
T 3	9 32	9 4	5 1	1 38	3 36	9 51	1 48	23 31	1 22	10 45	0 59	17 27	0 59	10 8	0 21	15 11	1 51	32 8	8 22	19 14	19 22	16 9		n.a.	T 3
F 4	9 53	13 9	4 53	1 28	3 37	9 28	1 50	23 37	1 22	10 43	0 59	17 30	0 59	10 9	0 21	15 11	1 51	32 8	8 22	19 17	19 23	16 8		n.a.	F 4
S 5	10 15	16 40	4 29	1 16	3 36	9 6	1 53	23 43	1 22	10 40	0 59	17 32	0 59	10 10	0 21	15 12	1 51	32 8	8 21	19 19	19 24	16 6		n.a.	S 5
S 6	10 36	19 21	3 49	1 1	3 35	8 43	1 55	23 48	1 22	10 37	0 59	17 34	0 59	10 12	0 21	15 12	1 51	32 8	8 21	19 21	19 24	16 5		n.a.	S 6
M 7	10 56	20 59	2 57	0 43	3 33	8 20	1 57	23 53	1 22	10 35	0 59	17 36	0 59	10 13	0 21	15 12	1 51	32 8	8 21	19 22	19 25	16 3		n.a.	M 7
T 8	11 17	21 23	1 53	0 22	3 29	7 56	1 59	23 58	1 22	10 32	0 59	17 38	0 58	10 14	0 21	15 12	1 51	32 8	8 21	19 23	19 26	16 2		n.a.	T 8
W 9	11 38	20 28	0 42	0n 0	3 25	7 32	2 1	24 3	1 21	10 29	0 59	17 40	0 58	10 16	0 21	15 12	1 51	32 8	8 21	19 23	19 27	16 1		n.a.	W 9
T 10	11 58	18 17	0s33	0 26	3 21	7 8	2 3	24 8	1 21	10 27	0 58	17 42	0 58	10 17	0 21	15 12	1 51	32 8	8 21	19 23	19 27	15 59		n.a.	T 10
F 11	12 18	14 57	1 46	0 53	3 15	6 44	2 5	24 13	1 21	10 24	0 58	17 44	0 58	10 18	0 21	15 12	1 51	32 8	8 21	19 23	19 28	15 58		n.a.	F 11
S 12	12 38	10 42	2 53	1 23	3 9	6 19	2 6	24 17	1 21	10 22	0 58	17 46	0 58	10 20	0 21	15 12	1 51	32 8	8 21	19 24	19 29	15 56		n.a.	S 12
S 13	12 58	5 49	3 49	1 54	3 2	5 55	2 8	24 22	1 21	10 19	0 58	17 48	0 58	10 21	0 21	15 12	1 50	32 8	8 20	19 25	19 30	15 55		n.a.	S 13
M14	13 18	0 38	4 30	2 28	2 54	5 29	2 9	24 26	1 21	10 16	0 58	17 50	0 58	10 22	0 21	15 13	1 50	32 8	8 20	19 27	19 31	15 54		n.a.	M14
T 15	13 37	4n32	4 55	3 4	2 46	5 4	2 10	24 30	1 21	10 14	0 58	17 52	0 58	10 24	0 21	15 13	1 50	32 8	8 20	19 30	19 31	15 52		n.a.	T 15
W16	13 57	9 25	5 0	3 41	2 37	4 38	2 11	24 33	1 21	10 11	0 57	17 54	0 57	10 25	0 21	15 13	1 50	32 7	8 20	19 33	19 32	15 51		n.a.	W16
T 17	14 16	13 42	4 48	4 21	2 28	4 13	2 12	24 37	1 21	10 9	0 57	17 56	0 57	10 26	0 21	15 13	1 50	32 7	8 20	19 35	19 33	15 49		n.a.	T 17
F 18	14 35	17 10	4 20	5 2	2 18	3 47	2 13	24 41	1 21	10 6	0 57	17 59	0 57	10 28	0 21	15 13	1 50	32 7	8 20	19 38	19 34	15 48		n.a.	F 18
S 19	14 53	19 40	3 39	5 45	2 8	3 21	2 14	24 44	1 20	10 4	0 57	18 1	0 57	10 29	0 21	15 13	1 50	32 7	8 20	19 40	19 34	15 46		n.a.	S 19
S 20	15 12	21 7	2 48	6 29	1 58	2 54	2 15	24 47	1 20	10 1	0 57	18 3	0 57	10 30	0 21	15 13	1 50	32 7	8 20	19 41	19 35	15 45		n.a.	S 20
M21	15 30	21 30	1 50	7 15	1 47	2 28	2 15	24 50	1 20	9 59	0 57	18 5	0 57	10 31	0 21	15 13	1 50	32 7	8 20	19 42	19 36	15 44		n.a.	M21
T 22	15 48	20 51	0 48	8 1	1 35	2 1	2 16	24 53	1 20	9 56	0 56	18 7	0 57	10 33	0 21	15 13	1 50	32 7	8 20	19 43	19 37	15 42		n.a.	T 22
W23	16 6	19 15	0n15	8 49	1 24	1 34	2 16	24 55	1 20	9 54	0 56	18 9	0 57	10 34	0 21	15 13	1 50	32 7	8 20	19 43	19 38	15 41		n.a.	W23
T 24	16 23	16 51	1 17	9 38	1 12	1 7	2 16	24 58	1 20	9 51	0 56	18 11	0 57	10 35	0 21	15 13	1 50	32 7	8 19	19 43	19 38	15 39		n.a.	T 24
F 25	16 40	13 44	2 16	10 28	1 1	0 40	2 16	25 0	1 20	9 49	0 56	18 13	0 57	10 36	0 21	15 13	1 50	32 7	8 19	19 43	19 39	15 38		n.a.	F 25
S 26	16 57	10 3	3 9	11 18	0 49	0 13	2 16	25 2	1 19	9 47	0 56	18 15	0 56	10 38	0 21	15 13	1 50	32 7	8 19	19 44	19 40	15 36		n.a.	S 26
S 27	17 14	5 56	3 54	12 9	0 37	0n14	2 16	25 4	1 19	9 44	0 55	18 17	0 56	10 39	0 21	15 12	1 50	32 7	8 19	19 45	19 41	15 35		n.a.	S 27
M28	17 30	1 30	4 29	13 0	0 25	0 42	2 16	25 6	1 19	9 42	0 55	18 19	0 56	10 40	0 21	15 12	1 50	32 7	8 19	19 46	19 41	15 33		n.a.	M28
T 29	17 46	3s 5	4 53	13 51	0 13	1 9	2 16	25 7	1 19	9 40	0 55	18 21	0 56	10 41	0 21	15 12	1 50	32 7	8 19	19 49	19 42	15 32		n.a.	T 29
W30	18 2	7 38	5 2	14 41	0 2	1 37	2 16	25 9	1 19	9 38	0 55	18 23	0 56	10 43	0 21	15 12	1 50	32 7	8 19	19 51	19 43	15 30		n.a.	W30
T 31	18n18	11s57	4n55	15n31	0n 9	2n 4	2s15	25n10	1n19	9s35	0n54	18n25	0s56	10n44	0s21	15n12	1n50	32n 7	8n19	19n54	19n44	15n29		n.a.	T 31

Julian Day Number = 989947.5, Delta T = 13h03m41s
Ecliptic obliquity = 23°55'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°41'00, Lahiri = -31°34'00 Julian Calendar 1 May 2003 BCE == Greg. Calendar 14 Apr. 2003 BCE

The year -2002 astronomical counting style corresponds to year 2003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

JUNE 2003 BCE (-2002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 29 12	21♉41'11	28♏24	12♉54	11♈23	26♊20	26°R25	24♉49	28♈17	24♎54	24♊41	2°R44	3♎36	24♎ 5	n.a.	F 1
S 2	15 33 8	22°38'18	12♐ 4	14°59	12°31	26°58	26♎19	24°56	28°20	24°54	24°43	2♎35	3°33	24°12	n.a.	S 2
S 3	15 37 5	23°35'25	25°55	17° 5	13°39	27°35	26°13	25° 4	28°23	24°55	24°45	2°28	3°30	24°19	n.a.	S 3
M 4	15 41 1	24°32'34	9♑54	19°12	14°48	28°12	26° 7	25°12	28°27	24°55	24°46	2°24	3°27	24°25	n.a.	M 4
T 5	15 44 58	25°29'43	23°58	21°20	15°56	28°50	26° 1	25°20	28°30	24°55	24°48	2°22	3°23	24°32	n.a.	T 5
W 6	15 48 55	26°26'53	8♒ 5	23°27	17° 5	29°27	25°56	25°28	28°33	24°56	24°50	2°D22	3°20	24°39	n.a.	W 6
T 7	15 52 51	27°24'05	22°13	25°35	18°14	0♋ 5	25°50	25°35	28°37	24°56	24°51	2°R22	3°17	24°45	n.a.	T 7
F 8	15 56 48	28°21'17	6♓22	27°42	19°23	0°42	25°45	25°43	28°40	24°57	24°53	2°22	3°14	24°52	n.a.	F 8
S 9	16 0 44	29°18'31	20°29	29°49	20°32	1°20	25°39	25°51	28°43	24°57	24°55	2°20	3°11	24°59	n.a.	S 9
S 10	16 4 41	0♊15'46	4♈34	1♊55	21°41	1°58	25°34	25°59	28°46	24°58	24°56	2°16	3° 8	25° 5	n.a.	S 10
M11	16 8 37	1°13'01	18°34	4° 0	22°50	2°35	25°29	26° 7	28°49	24°58	24°58	2°10	3° 4	25°12	n.a.	M11
T 12	16 12 34	2°10'18	2♉26	6° 4	23°59	3°13	25°24	26°14	28°52	24°59	25° 0	2° 1	3° 1	25°19	n.a.	T 12
W13	16 16 30	3° 7'37	16° 7	8° 7	25° 9	3°51	25°20	26°22	28°55	24°59	25° 2	1°52	2°58	25°25	n.a.	W13
T 14	16 20 27	4° 4'56	29°34	10° 8	26°18	4°29	25°15	26°30	28°59	25° 0	25° 3	1°42	2°55	25°32	n.a.	T 14
F 15	16 24 24	5° 2'16	12♊44	12° 8	27°28	5° 6	25°11	26°38	29° 2	25° 1	25° 5	1°33	2°52	25°39	n.a.	F 15
S 16	16 28 20	5°59'38	25°36	14° 7	28°38	5°44	25° 7	26°46	29° 5	25° 1	25° 7	1°26	2°49	25°45	n.a.	S 16
S 17	16 32 17	6°57'00	8♋10	16° 4	29°47	6°22	25° 3	26°53	29° 8	25° 2	25° 9	1°21	2°45	25°52	n.a.	S 17
M18	16 36 13	7°54'24	20°28	17°59	0♉57	7° 0	24°59	27° 1	29°11	25° 3	25°11	1°19	2°42	25°59	n.a.	M18
T 19	16 40 10	8°51'48	2♎33	19°53	2° 7	7°38	24°55	27° 9	29°14	25° 4	25°12	1°D18	2°39	26° 5	n.a.	T 19
W20	16 44 6	9°49'13	14°28	21°46	3°17	8°16	24°51	27°16	29°17	25° 5	25°14	1°19	2°36	26°12	n.a.	W20
T 21	16 48 3	10°46'39	26°17	23°37	4°28	8°54	24°48	27°24	29°19	25° 5	25°16	1°20	2°33	26°19	n.a.	T 21
F 22	16 52 0	11°44'07	8♍ 7	25°26	5°38	9°32	24°45	27°32	29°22	25° 6	25°18	1°R21	2°29	26°25	n.a.	F 22
S 23	16 55 56	12°41'35	20° 1	27°14	6°48	10°11	24°42	27°39	29°25	25° 7	25°20	1°21	2°26	26°32	n.a.	S 23
S 24	16 59 53	13°39'04	2♎ 6	29° 0	7°59	10°49	24°39	27°47	29°28	25° 8	25°22	1°19	2°23	26°39	n.a.	S 24
M25	17 3 49	14°36'34	14°25	0♋45	9° 9	11°27	24°36	27°55	29°31	25° 9	25°23	1°15	2°20	26°45	n.a.	M25
T 26	17 7 46	15°34'06	27° 3	2°28	10°20	12° 5	24°34	28° 2	29°33	25°10	25°25	1°10	2°17	26°52	n.a.	T 26
W27	17 11 42	16°31'38	10♏ 2	4° 9	11°30	12°44	24°32	28°10	29°36	25°11	25°27	1° 3	2°14	26°59	n.a.	W27
T 28	17 15 39	17°29'12	23°24	5°49	12°41	13°22	24°30	28°17	29°39	25°12	25°29	0°56	2°10	27° 5	n.a.	T 28
F 29	17 19 35	18°26'48	7♐ 6	7°28	13°52	14° 0	24°28	28°25	29°41	25°13	25°31	0°49	2° 7	27°12	n.a.	F 29
S 30	17 23 32	19♊24'24	21♐ 7	9♋ 5	15♉ 3	14♋39	24♎26	28♉32	29♈44	25♎15	25♊33	0♎43	2♎ 4	27♎19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n33	15s47	4n33	16n20	0n20	2n32	2s15	25n11	1n19	9s33	0n54	18n27	0s56	10n45	0s21	15n12	1n49	32n 7	8n19	19n57	19n44	15n27		n.a.
S 2	18 48	18 50	3 54	17 8	0 30	3 0	2 14	25 12	1 18	9 31	0 54	18 29	0 56	10 46	0 21	15 12	1 49	32 7	8 19	19 59	19 45	15 26		n.a.
S 3	19 3	20 51	3 1	17 55	0 40	3 27	2 13	25 12	1 18	9 29	0 54	18 31	0 56	10 48	0 21	15 12	1 49	32 7	8 19	20 0	19 46	15 24		n.a.
M 4	19 17	21 36	1 57	18 40	0 50	3 55	2 12	25 13	1 18	9 27	0 54	18 33	0 56	10 49	0 21	15 11	1 49	32 7	8 19	20 1	19 47	15 23		n.a.
T 5	19 31	21 1	0 45	19 24	0 58	4 23	2 11	25 13	1 18	9 25	0 53	18 35	0 56	10 50	0 21	15 11	1 49	32 7	8 19	20 2	19 47	15 21		n.a.
W 6	19 45	19 6	0s30	20 5	1 7	4 50	2 10	25 13	1 18	9 23	0 53	18 37	0 55	10 51	0 21	15 11	1 49	32 7	8 19	20 2	19 48	15 20		n.a.
T 7	19 59	16 1	1 44	20 44	1 14	5 18	2 9	25 13	1 18	9 22	0 53	18 39	0 55	10 52	0 21	15 11	1 49	32 8	8 19	20 2	19 49	15 18		n.a.
F 8	20 12	12 0	2 51	21 21	1 21	5 46	2 8	25 13	1 17	9 20	0 53	18 41	0 55	10 53	0 21	15 11	1 49	32 8	8 19	20 2	19 50	15 17		n.a.
S 9	20 24	7 19	3 48	21 56	1 27	6 13	2 7	25 12	1 17	9 18	0 52	18 43	0 55	10 55	0 21	15 10	1 49	32 8	8 19	20 2	19 50	15 15		n.a.
S 10	20 37	2 16	4 30	22 28	1 33	6 41	2 6	25 12	1 17	9 16	0 52	18 45	0 55	10 56	0 21	15 10	1 49	32 8	8 19	20 3	19 51	15 14		n.a.
M11	20 49	2n52	4 56	22 58	1 37	7 8	2 4	25 11	1 17	9 15	0 52	18 47	0 55	10 57	0 21	15 10	1 49	32 8	8 19	20 5	19 52	15 12		n.a.
T 12	21 1	7 48	5 5	23 25	1 41	7 36	2 3	25 10	1 17	9 13	0 52	18 49	0 55	10 58	0 21	15 10	1 49	32 8	8 19	20 7	19 53	15 11		n.a.
W13	21 12	12 17	4 55	23 49	1 45	8 3	2 1	25 8	1 16	9 12	0 51	18 51	0 55	10 59	0 21	15 9	1 49	32 8	8 19	20 9	19 53	15 9		n.a.
T 14	21 23	16 4	4 30	24 11	1 47	8 30	2 0	25 7	1 16	9 10	0 51	18 53	0 55	11 0	0 21	15 9	1 49	32 8	8 19	20 11	19 54	15 8		n.a.
F 15	21 34	18 59	3 50	24 31	1 49	8 57	1 58	25 5	1 16	9 9	0 51	18 54	0 55	11 1	0 21	15 9	1 49	32 8	8 19	20 13	19 55	15 6		n.a.
S 16	21 44	20 51	3 0	24 47	1 51	9 24	1 56	25 4	1 16	9 8	0 51	18 56	0 55	11 2	0 21	15 9	1 49	32 8	8 19	20 15	19 56	15 5		n.a.
S 17	21 54	21 39	2 1	25 2	1 52	9 51	1 54	25 2	1 16	9 6	0 50	18 58	0 55	11 4	0 21	15 8	1 49	32 8	8 19	20 16	19 56	15 3		n.a.
M18	22 4	21 22	0 58	25 13	1 52	10 17	1 52	24 59	1 15	9 5	0 50	19 0	0 55	11 5	0 21	15 8	1 49	32 8	8 19	20 16	19 57	15 2		n.a.
T 19	22 13	20 6	0n 7	25 23	1 51	10 44	1 51	24 57	1 15	9 4	0 50	19 2	0 54	11 6	0 21	15 8	1 49	32 8	8 19	20 16	19 58	15 0		n.a.
W20	22 22	17 57	1 10	25 30	1 50	11 10	1 48	24 54	1 15	9 3	0 50	19 4	0 54	11 7	0 21	15 7	1 48	32 8	8 19	20 16	19 59	14 58		n.a.
T 21	22 31	15 3	2 11	25 35	1 49	11 36	1 46	24 52	1 15	9 2	0 49	19 6	0 54	11 8	0 21	15 7	1 48	32 8	8 19	20 16	19 59	14 57		n.a.
F 22	22 39	11 33	3 5	25 37	1 47	12 2	1 44	24 49	1 15	9 1	0 49	19 8	0 54	11 9	0 21	15 7	1 48	32 8	8 19	20 16	20 0	14 55		n.a.
S 23	22 47	7 35	3 53	25 38	1 44	12 27	1 42	24 46	1 14	9 0	0 49	19 9	0 54	11 10	0 21	15 6	1 48	32 9	8 19	20 16	20 1	14 54		n.a.
S 24	22 54	3 16	4 30	25 36	1 41	12 53	1 40	24 42	1 14	8 59	0 49	19 11	0 54	11 11	0 21	15 6	1 48	32 9	8 19	20 16	20 2	14 52		n.a.
M25	23 1	1s16	4 56	25 33	1 38	13 18	1 38	24 39	1 14	8 58	0 48	19 13	0 54	11 12	0 21	15 5	1 48	32 9	8 19	20 17	20 2	14 51		n.a.
T 26	23 7	5 51	5 8	25 28	1 34	13 43	1 35	24 35	1 14	8 58	0 48	19 15	0 54	11 13	0 21	15 5	1 48	32 9	8 19	20 18	20 3	14 49		n.a.
W27	23 13	10 18	5 5	25 21	1 29	14 7	1 33	24 31	1 14	8 57	0 48	19 16	0 54	11 14	0 21	15 5	1 48	32 9	8 19	20 20	20 4	14 47		n.a.
T 28	23 19	14 23	4 46	25 12	1 25	14 31	1 30	24 27	1 13	8 57	0 48	19 18	0 54	11 15	0 21	15 4	1 48	32 9	8 19	20 21	20 4	14 46		n.a.
F 29	23 25	17 50	4 10	25 2	1 19	14 55	1 28	24 23	1 13	8 56	0 47	19 20	0 54	11 16	0 21	15 4	1 48	32 9	8 19	20 23	20 5	14 44		n.a.
S 30	23n29	20s20	3n18	24n50	1n14	15n19	1s25	24n18	1n13	8s56	0n47	19n22	0s54	11n17	0s21	15n 3	1n48	32n 9	8n19	20n24	20n 6	14n43		n.a.

Julian Day Number = 989978.5, Delta T = 13h03m39s
Ecliptic obliquity = 23°55'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'56, Lahiri = -31°33'55 Julian Calendar 1 June 2003 BCE == Greg. Calendar 15 May 2003 BCE

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

JULY 2003 BCE (-2002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 27 29	20♊22'03	5♉23	10♋40	16♉14	15♋17	24°R24	28♉40	29♈47	25♌16	25♊35	0°R39	2♌ 1	27♌25	n.a.	S 1
M 2	17 31 25	21°19'43	19°47	12°15	17°25	15°56	24♎23	28°47	29°49	25°17	25°36	0♌37	1°58	27°32	n.a.	M 2
T 3	17 35 22	22°17'24	4♒16	13°47	18°36	16°34	24°22	28°55	29°52	25°18	25°38	0°D37	1°54	27°39	n.a.	T 3
W 4	17 39 18	23°15'07	18°43	15°18	19°48	17°13	24°21	29° 2	29°54	25°19	25°40	0°37	1°51	27°45	n.a.	W 4
T 5	17 43 15	24°12'52	3♓ 5	16°48	20°59	17°51	24°20	29° 9	29°56	25°21	25°42	0°39	1°48	27°52	n.a.	T 5
F 6	17 47 11	25°10'39	17°20	18°16	22°10	18°30	24°19	29°17	29°59	25°22	25°44	0°40	1°45	27°59	n.a.	F 6
S 7	17 51 8	26° 8'28	1♈24	19°42	23°22	19° 9	24°19	29°24	0♉ 1	25°23	25°46	0°R40	1°42	28° 5	n.a.	S 7
S 8	17 55 4	27° 6'19	15°18	21° 7	24°34	19°48	24°19	29°31	0° 4	25°25	25°48	0°39	1°39	28°12	n.a.	S 8
M 9	17 59 1	28° 4'12	29° 0	22°30	25°45	20°26	24°D19	29°38	0° 6	25°26	25°50	0°36	1°35	28°19	n.a.	M 9
T 10	18 2 58	29° 2'07	12♉29	23°52	26°57	21° 5	24°19	29°46	0° 8	25°27	25°52	0°32	1°32	28°25	n.a.	T 10
W11	18 6 54	0♋ 0'04	25°45	25°12	28° 9	21°44	24°19	29°53	0°10	25°29	25°53	0°27	1°29	28°32	n.a.	W11
T 12	18 10 51	0°58'03	8♊48	26°30	29°21	22°23	24°19	29°59	0°12	25°30	25°55	0°22	1°26	28°39	n.a.	T 12
F 13	18 14 47	1°56'04	21°37	27°47	0♊33	23° 2	24°20	0♊ 7	0°14	25°32	25°57	0°18	1°23	28°45	n.a.	F 13
S 14	18 18 44	2°54'06	4♋11	29° 1	1°45	23°41	24°21	0°14	0°17	25°33	25°59	0°15	1°20	28°52	n.a.	S 14
S 15	18 22 40	3°52'11	16°32	0♌14	2°57	24°20	24°22	0°21	0°19	25°35	26° 1	0°13	1°16	28°58	n.a.	S 15
M16	18 26 37	4°50'17	28°42	1°25	4° 9	24°59	24°23	0°28	0°21	25°36	26° 3	0°D12	1°13	29° 5	n.a.	M16
T 17	18 30 33	5°48'25	10♌41	2°34	5°21	25°38	24°25	0°35	0°22	25°38	26° 5	0°12	1°10	29°12	n.a.	T 17
W18	18 34 30	6°46'34	22°33	3°41	6°34	26°18	24°26	0°42	0°24	25°40	26° 6	0°13	1° 7	29°18	n.a.	W18
T 19	18 38 27	7°44'46	4♍21	4°45	7°46	26°57	24°28	0°48	0°26	25°41	26° 8	0°15	1° 4	29°25	n.a.	T 19
F 20	18 42 23	8°42'59	16°10	5°47	8°59	27°36	24°30	0°55	0°28	25°43	26°10	0°17	1° 0	29°32	n.a.	F 20
S 21	18 46 20	9°41'14	28° 4	6°47	10°11	28°15	24°32	1° 2	0°30	25°44	26°12	0°18	0°57	29°38	n.a.	S 21
S 22	18 50 16	10°39'30	10♎ 7	7°44	11°24	28°55	24°35	1° 8	0°31	25°46	26°14	0°R18	0°54	29°45	n.a.	S 22
M23	18 54 13	11°37'48	22°25	8°38	12°37	29°34	24°37	1°15	0°33	25°48	26°16	0°18	0°51	29°52	n.a.	M23
T 24	18 58 9	12°36'08	5♏ 2	9°29	13°49	0♌14	24°40	1°22	0°35	25°50	26°18	0°17	0°48	29°58	n.a.	T 24
W25	19 2 6	13°34'30	18° 1	10°16	15° 2	0°53	24°43	1°28	0°36	25°51	26°19	0°15	0°45	0♍ 5	n.a.	W25
T 26	19 6 2	14°32'53	1♐25	11° 1	16°15	1°33	24°46	1°34	0°38	25°53	26°21	0°13	0°41	0°12	n.a.	T 26
F 27	19 9 59	15°31'18	15°14	11°41	17°28	2°12	24°49	1°41	0°39	25°55	26°23	0°11	0°38	0°18	n.a.	F 27
S 28	19 13 55	16°29'46	29°27	12°18	18°41	2°52	24°53	1°47	0°41	25°57	26°25	0° 9	0°35	0°25	n.a.	S 28
S 29	19 17 52	17°28'15	14♑ 0	12°50	19°54	3°31	24°56	1°53	0°42	25°59	26°27	0° 8	0°32	0°32	n.a.	S 29
M30	19 21 49	18°26'46	28°47	13°18	21° 7	4°11	25° 0	2° 0	0°43	26° 0	26°28	0°D 8	0°29	0°38	n.a.	M30
T 31	19 25 45	19♋25'20	13♒40	13♌41	22♊20	4♌51	25♎ 4	2♊ 6	0♉45	26♌ 2	26♊30	0♌ 8	0♌26	0♍45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n34	21s36	2n13	24n37	1n 8	15n42	1s23	24n14	1n13	8s55	0n47	19n23	0s54	11n18	0s21	15n 3	1n48	32n 9	8n19	20n25	20n 7	14n41			n.a.
M 2	23 38	21 28	0 59	24 22	1 2	16 5	1 20	24 9	1 12	8 55	0 46	19 25	0 54	11 18	0 21	15 2	1 48	32 10	8 19	20 26	20 7	14 39			n.a.
T 3	23 42	19 54	0s20	24 7	0 55	16 28	1 18	24 4	1 12	8 55	0 46	19 27	0 54	11 19	0 21	15 2	1 48	32 10	8 19	20 26	20 8	14 38			n.a.
W 4	23 45	17 3	1 37	23 50	0 49	16 50	1 15	23 59	1 12	8 55	0 46	19 29	0 54	11 20	0 21	15 2	1 48	32 10	8 19	20 25	20 9	14 36			n.a.
T 5	23 48	13 11	2 48	23 32	0 41	17 12	1 12	23 53	1 12	8 55	0 46	19 30	0 54	11 21	0 21	15 1	1 48	32 10	8 19	20 25	20 10	14 35			n.a.
F 6	23 50	8 35	3 48	23 13	0 34	17 34	1 10	23 48	1 11	8 55	0 45	19 32	0 54	11 22	0 21	15 1	1 48	32 10	8 19	20 25	20 10	14 33			n.a.
S 7	23 52	3 35	4 33	22 53	0 26	17 55	1 7	23 42	1 11	8 55	0 45	19 34	0 53	11 23	0 21	15 0	1 48	32 10	8 19	20 25	20 11	14 31			n.a.
S 8	23 53	1n31	5 1	22 32	0 18	18 16	1 4	23 36	1 11	8 55	0 45	19 35	0 53	11 24	0 21	15 0	1 48	32 10	8 19	20 25	20 12	14 30			n.a.
M 9	23 54	6 29	5 12	22 10	0 10	18 36	1 1	23 30	1 11	8 55	0 45	19 37	0 53	11 24	0 21	14 59	1 48	32 11	8 19	20 26	20 12	14 28			n.a.
T 10	23 55	11 3	5 6	21 48	0 2	18 56	0 58	23 23	1 10	8 56	0 44	19 38	0 53	11 25	0 21	14 59	1 48	32 11	8 20	20 27	20 13	14 26			n.a.
W11	23 55	15 1	4 43	21 25	0s 7	19 15	0 55	23 17	1 10	8 56	0 44	19 40	0 53	11 26	0 21	14 58	1 47	32 11	8 20	20 28	20 14	14 25			n.a.
T 12	23 55	18 11	4 5	21 2	0 15	19 34	0 53	23 10	1 10	8 56	0 44	19 42	0 53	11 27	0 21	14 57	1 47	32 11	8 20	20 29	20 15	14 23			n.a.
F 13	23 54	20 23	3 16	20 38	0 24	19 52	0 50	23 3	1 10	8 57	0 44	19 43	0 53	11 27	0 21	14 57	1 47	32 11	8 20	20 30	20 15	14 21			n.a.
S 14	23 53	21 33	2 18	20 13	0 34	20 10	0 47	22 56	1 9	8 57	0 43	19 45	0 53	11 28	0 21	14 56	1 47	32 11	8 20	20 30	20 16	14 20			n.a.
S 15	23 52	21 39	1 14	19 49	0 43	20 27	0 44	22 49	1 9	8 58	0 43	19 46	0 53	11 29	0 21	14 56	1 47	32 11	8 20	20 31	20 17	14 18			n.a.
M16	23 50	20 42	0 8	19 24	0 52	20 44	0 41	22 41	1 9	8 59	0 43	19 48	0 53	11 30	0 21	14 55	1 47	32 12	8 20	20 31	20 17	14 17			n.a.
T 17	23 48	18 50	0n57	18 59	1 2	21 0	0 38	22 34	1 8	9 0	0 42	19 49	0 53	11 30	0 21	14 55	1 47	32 12	8 20	20 31	20 18	14 15			n.a.
W18	23 45	16 10	2 0	18 34	1 11	21 16	0 35	22 26	1 8	9 0	0 42	19 51	0 53	11 31	0 21	14 54	1 47	32 12	8 20	20 31	20 19	14 13			n.a.
T 19	23 41	12 51	2 57	18 9	1 21	21 31	0 32	22 18	1 8	9 1	0 42	19 52	0 53	11 32	0 21	14 53	1 47	32 12	8 20	20 30	20 20	14 12			n.a.
F 20	23 38	9 2	3 47	17 44	1 31	21 46	0 29	22 10	1 8	9 2	0 42	19 54	0 53	11 32	0 21	14 53	1 47	32 12	8 21	20 30	20 20	14 10			n.a.
S 21	23 34	4 52	4 28	17 20	1 41	22 0	0 26	22 1	1 7	9 3	0 41	19 55	0 53	11 33	0 21	14 52	1 47	32 13	8 21	20 30	20 21	14 8			n.a.
S 22	23 29	0 27	4 57	16 56	1 51	22 13	0 23	21 53	1 7	9 4	0 41	19 56	0 53	11 33	0 21	14 52	1 47	32 13	8 21	20 30	20 22	14 7			n.a.
M23	23 24	4s 4	5 13	16 32	2 0	22 26	0 20	21 44	1 7	9 6	0 41	19 58	0 53	11 34	0 21	14 51	1 47	32 13	8 21	20 30	20 22	14 5			n.a.
T 24	23 19	8 31	5 15	16 9	2 10	22 38	0 18	21 35	1 6	9 7	0 41	19 59	0 53	11 35	0 21	14 50	1 47	32 13	8 21	20 30	20 23	14 3			n.a.
W25	23 13	12 43	5 1	15 47	2 20	22 49	0 15	21 26	1 6	9 8	0 40	20 1	0 53	11 35	0 21	14 50	1 47	32 13	8 21	20 30	20 24	14 1			n.a.
T 26	23 7	16 26	4 31	15 25	2 30	23 0	0 12	21 17	1 6	9 10	0 40	20 2	0 53	11 36	0 21	14 49	1 47	32 13	8 21	20 31	20 25	14 0			n.a.
F 27	23 0	19 23	3 44	15 5	2 39	23 10	0 9	21 8	1 5	9 11	0 40	20 3	0 53	11 36	0 21	14 48	1 47	32 14	8 22	20 31	20 25	13 58			n.a.
S 28	22 53	21 13	2 42	14 46	2 49	23 20	0 6	20 58	1 5	9 13	0 40	20 5	0 53	11 37	0 21	14 48	1 47	32 14	8 22	20 32	20 26	13 56			n.a.
S 29	22 45	21 42	1 28	14 28	2 58	23 29	0 3	20 48	1 5	9 14	0 39	20 6	0 53	11 37	0 21	14 47	1 47	32 14	8 22	20 32	20 27	13 55			n.a.
M30	22 37	20 42	0 7	14 11	3 7	23 37	0 0	20 39	1 4	9 16	0 39	20 7	0 53	11 38	0 21	14 46	1 47	32 14	8 22	20 32	20 27	13 53			n.a.
T 31	22n29	18s15	1s14	13n56	3s15	23n44	0n 3	20n28	1n 4	9s18	0n39	20n 8	0s53	11n38	0s21	14n46	1n47	32n15	8n22	20n32	20n28	13n51			n.a.

Julian Day Number = 990008.5, Delta T = 13h03m37s
Ecliptic obliquity = 23°55'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'52, Lahiri = -31°33'51 Julian Calendar 1 July 2003 BCE == Greg. Calendar 14 June 2003 BCE

The year -2002 astronomical counting style corresponds to year 2003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

AUGUST 2003 BCE (-2002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 29 42	20♋23'55	28♒33	13♌59	23♊34	5♌31	25♎ 8	2♊12	0♉46	26♌ 4	26♊32	0♌ 9	0♌22	0♍52	n.a.	W 1
T 2	19 33 38	21°22'33	13♓17	14°11	24°47	6°11	25°13	2°18	0°47	26° 6	26°34	0° 9	0°19	0°58	n.a.	T 2
F 3	19 37 35	22°21'14	27°47	14°17	26° 0	6°50	25°17	2°24	0°48	26° 8	26°35	0°10	0°16	1° 5	n.a.	F 3
S 4	19 41 31	23°19'56	12♈ 0	14°R17	27°14	7°30	25°22	2°30	0°49	26°10	26°37	0°10	0°13	1°12	n.a.	S 4
S 5	19 45 28	24°18'41	25°53	14°11	28°27	8°10	25°27	2°36	0°50	26°12	26°39	0°R11	0°10	1°18	n.a.	S 5
M 6	19 49 24	25°17'29	9♉27	13°58	29°41	8°50	25°32	2°41	0°51	26°14	26°40	0°10	0° 6	1°25	n.a.	M 6
T 7	19 53 21	26°16'19	22°43	13°37	0♋55	9°30	25°37	2°47	0°52	26°16	26°42	0°10	0° 3	1°32	n.a.	T 7
W 8	19 57 17	27°15'12	5♊40	13°10	2° 8	10°11	25°42	2°53	0°53	26°18	26°44	0°10	0° 0	1°38	n.a.	W 8
T 9	20 1 14	28°14'07	18°23	12°35	3°22	10°51	25°48	2°58	0°54	26°20	26°45	0° 9	29♋57	1°45	n.a.	T 9
F 10	20 5 11	29°13'04	0♋52	11°53	4°36	11°31	25°53	3° 4	0°55	26°22	26°47	0° 9	29°54	1°52	n.a.	F 10
S 11	20 9 7	0♌12'04	13° 9	11° 5	5°50	12°11	25°59	3° 9	0°56	26°24	26°49	0°D 9	29°51	1°58	n.a.	S 11
S 12	20 13 4	1°11'06	25°17	10°10	7° 4	12°52	26° 5	3°15	0°56	26°26	26°50	0°R 9	29°47	2° 5	n.a.	S 12
M13	20 17 0	2°10'10	7♌16	9°11	8°18	13°32	26°11	3°20	0°57	26°28	26°52	0° 9	29°44	2°12	n.a.	M13
T 14	20 20 57	3° 9'16	19°10	8° 7	9°32	14°12	26°18	3°25	0°58	26°30	26°54	0° 9	29°41	2°18	n.a.	T 14
W15	20 24 53	4° 8'25	0♍59	7° 0	10°46	14°53	26°24	3°30	0°58	26°32	26°55	0° 9	29°38	2°25	n.a.	W15
T 16	20 28 50	5° 7'36	12°47	5°52	12° 0	15°33	26°31	3°35	0°59	26°34	26°57	0° 8	29°35	2°32	n.a.	T 16
F 17	20 32 46	6° 6'48	24°36	4°45	13°15	16°14	26°37	3°40	0°59	26°37	26°58	0° 7	29°32	2°38	n.a.	F 17
S 18	20 36 43	7° 6'03	6♎30	3°39	14°29	16°54	26°44	3°45	0°59	26°39	27° 0	0° 7	29°28	2°45	n.a.	S 18
S 19	20 40 39	8° 5'19	18°33	2°38	15°43	17°35	26°51	3°50	1° 0	26°41	27° 1	0° 6	29°25	2°52	n.a.	S 19
M20	20 44 36	9° 4'38	0♏48	1°42	16°57	18°16	26°59	3°54	1° 0	26°43	27° 3	0° 5	29°22	2°58	n.a.	M20
T 21	20 48 33	10° 3'58	13°20	0°54	18°12	18°57	27° 6	3°59	1° 0	26°45	27° 4	0°D 5	29°19	3° 5	n.a.	T 21
W22	20 52 29	11° 3'21	26°13	0°14	19°26	19°37	27°13	4° 4	1° 0	26°47	27° 6	0° 6	29°16	3°12	n.a.	W22
T 23	20 56 26	12° 2'46	9♐30	29♋43	20°41	20°18	27°21	4° 8	1° 0	26°50	27° 7	0° 6	29°12	3°19	n.a.	T 23
F 24	21 0 22	13° 2'12	23°15	29°23	21°55	20°59	27°29	4°12	1°R 0	26°52	27° 8	0° 7	29° 9	3°25	n.a.	F 24
S 25	21 4 19	14° 1'41	7♑26	29°D14	23°10	21°40	27°37	4°17	1° 0	26°54	27°10	0° 8	29° 6	3°32	n.a.	S 25
S 26	21 8 15	15° 1'11	22° 2	29°15	24°24	22°21	27°45	4°21	1° 0	26°56	27°11	0° 9	29° 3	3°39	n.a.	S 26
M27	21 12 12	16° 0'44	6♒58	29°27	25°39	23° 2	27°53	4°25	1° 0	26°58	27°13	0°R 9	29° 0	3°45	n.a.	M27
T 28	21 16 8	17° 0'18	22° 7	29°49	26°54	23°43	28° 1	4°29	1° 0	27° 1	27°14	0° 8	28°57	3°52	n.a.	T 28
W29	21 20 5	17°59'55	7♓20	0♌21	28° 9	24°24	28°10	4°33	1° 0	27° 3	27°15	0° 7	28°53	3°59	n.a.	W29
T 30	21 24 2	18°59'34	22°26	1° 3	29°23	25° 5	28°18	4°37	0°59	27° 5	27°17	0° 4	28°50	4° 5	n.a.	T 30
F 31	21 27 58	19♌59'16	7♈16	1♌53	0♌38	25♌46	28♎27	4♊41	0♉59	27♌ 7	27♊18	0♌ 2	28♋47	4♍12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	22n20	14s34	2s31	13n44	3s23	23n51	0n 5	20n18	1n 4	9s19	0n39	20n10	0s53	11n39	0s21	14n45	1n47	32n15	8n22	20n32	20n29	13n49			n.a.
T 2	22 11	10 2	3 37	13 33	3 31	23 57	0 8	20 8	1 4	9 21	0 38	20 11	0 53	11 39	0 21	14 44	1 47	32 15	8 23	20 32	20 29	13 48			n.a.
F 3	22 2	4 59	4 28	13 25	3 37	24 3	0 11	19 57	1 3	9 23	0 38	20 12	0 53	11 39	0 21	14 44	1 47	32 15	8 23	20 31	20 30	13 46			n.a.
S 4	21 52	0n13	5 2	13 19	3 43	24 7	0 14	19 47	1 3	9 25	0 38	20 13	0 53	11 40	0 21	14 43	1 47	32 15	8 23	20 31	20 31	13 44			n.a.
S 5	21 41	5 17	5 17	13 16	3 49	24 11	0 16	19 36	1 3	9 27	0 38	20 14	0 53	11 40	0 21	14 42	1 47	32 16	8 23	20 31	20 31	13 43			n.a.
M 6	21 30	9 59	5 13	13 16	3 53	24 14	0 19	19 25	1 2	9 29	0 37	20 16	0 53	11 40	0 21	14 42	1 47	32 16	8 23	20 31	20 32	13 41			n.a.
T 7	21 19	14 6	4 53	13 19	3 56	24 17	0 22	19 13	1 2	9 31	0 37	20 17	0 53	11 41	0 21	14 41	1 47	32 16	8 23	20 31	20 33	13 39			n.a.
W 8	21 8	17 26	4 19	13 25	3 57	24 19	0 24	19 2	1 1	9 33	0 37	20 18	0 53	11 41	0 21	14 40	1 47	32 16	8 24	20 31	20 34	13 37			n.a.
T 9	20 56	19 53	3 32	13 35	3 58	24 20	0 27	18 51	1 1	9 36	0 37	20 19	0 53	11 41	0 21	14 39	1 47	32 17	8 24	20 32	20 34	13 36			n.a.
F 10	20 44	21 19	2 36	13 48	3 56	24 20	0 29	18 39	1 1	9 38	0 37	20 20	0 53	11 42	0 21	14 39	1 47	32 17	8 24	20 32	20 35	13 34			n.a.
S 11	20 31	21 43	1 33	14 4	3 53	24 19	0 32	18 27	1 0	9 40	0 36	20 21	0 53	11 42	0 21	14 38	1 47	32 17	8 24	20 32	20 36	13 32			n.a.
S 12	20 18	21 4	0 27	14 24	3 47	24 18	0 34	18 15	1 0	9 43	0 36	20 22	0 52	11 42	0 21	14 37	1 47	32 17	8 24	20 32	20 36	13 30			n.a.
M13	20 4	19 28	0n39	14 47	3 40	24 16	0 37	18 3	1 0	9 45	0 36	20 23	0 52	11 42	0 21	14 36	1 46	32 18	8 25	20 32	20 37	13 29			n.a.
T 14	19 51	17 1	1 44	15 13	3 31	24 14	0 39	17 51	0 59	9 48	0 36	20 24	0 52	11 43	0 21	14 36	1 46	32 18	8 25	20 32	20 38	13 27			n.a.
W15	19 37	13 53	2 43	15 41	3 20	24 10	0 42	17 38	0 59	9 50	0 35	20 25	0 52	11 43	0 21	14 35	1 46	32 18	8 25	20 32	20 38	13 25			n.a.
T 16	19 22	10 12	3 35	16 11	3 6	24 6	0 44	17 26	0 59	9 53	0 35	20 26	0 52	11 43	0 21	14 34	1 46	32 18	8 25	20 32	20 39	13 23			n.a.
F 17	19 7	6 8	4 19	16 42	2 51	24 1	0 46	17 13	0 58	9 56	0 35	20 27	0 52	11 43	0 21	14 33	1 46	32 19	8 26	20 32	20 40	13 22			n.a.
S 18	18 52	1 48	4 51	17 14	2 34	23 55	0 48	17 0	0 58	9 58	0 35	20 28	0 52	11 43	0 21	14 33	1 46	32 19	8 26	20 32	20 40	13 20			n.a.
S 19	18 37	2s38	5 11	17 45	2 16	23 49	0 51	16 47	0 57	10 1	0 34	20 29	0 52	11 43	0 21	14 32	1 46	32 19	8 26	20 32	20 41	13 18			n.a.
M20	18 21	7 2	5 17	18 16	1 57	23 42	0 53	16 34	0 57	10 4	0 34	20 30	0 52	11 43	0 21	14 31	1 46	32 19	8 26	20 32	20 42	13 16			n.a.
T 21	18 5	11 15	5 9	18 46	1 38	23 34	0 55	16 21	0 57	10 7	0 34	20 31	0 52	11 43	0 21	14 30	1 46	32 20	8 26	20 32	20 42	13 14			n.a.
W22	17 48	15 5	4 45	19 14	1 18	23 25	0 57	16 7	0 56	10 10	0 34	20 32	0 52	11 43	0 21	14 30	1 46	32 20	8 27	20 32	20 43	13 13			n.a.
T 23	17 32	18 17	4 5	19 40	0 58	23 16	0 59	15 54	0 56	10 13	0 34	20 33	0 52	11 43	0 21	14 29	1 46	32 20	8 27	20 32	20 44	13 11			n.a.
F 24	17 14	20 34	3 11	20 3	0 39	23 6	1 1	15 40	0 56	10 16	0 33	20 33	0 52	11 43	0 21	14 28	1 46	32 21	8 27	20 32	20 44	13 9			n.a.
S 25	16 57	21 40	2 3	20 24	0 20	22 55	1 2	15 26	0 55	10 19	0 33	20 34	0 52	11 43	0 21	14 27	1 46	32 21	8 27	20 32	20 45	13 7			n.a.
S 26	16 39	21 21	0 45	20 41	0 2	22 43	1 4	15 12	0 55	10 22	0 33	20 35	0 52	11 43	0 21	14 27	1 46	32 21	8 28	20 32	20 46	13 5			n.a.
M27	16 21	19 31	0s38	20 55	0n14	22 31	1 6	14 58	0 54	10 25	0 33	20 36	0 52	11 43	0 21	14 26	1 46	32 21	8 28	20 32	20 46	13 4			n.a.
T 28	16 3	16 17	1 59	21 5	0 30	22 18	1 8	14 44	0 54	10 29	0 33	20 37	0 52	11 43	0 21	14 25	1 46	32 22	8 28	20 32	20 47	13 2			n.a.
W29	15 45	11 56	3 11	21 12	0 44	22 5	1 9	14 29	0 53	10 32	0 32	20 37	0 52	11 43	0 21	14 24	1 46	32 22	8 28	20 32	20 48	13 0			n.a.
T 30	15 26	6 53	4 10	21 16	0 57	21 50	1 11	14 15	0 53	10 35	0 32	20 38	0 52	11 43	0 21	14 23	1 46	32 22	8 29	20 33	20 48	12 58			n.a.
F 31	15n 7	1s30	4s51	21n16	1n 9	21n36	1n12	14n 0	0n53	10s39	0n32	20n39	0s52	11n43	0s21	14n23	1n46	32n23	8n29	20n33	20n49	12n56			n.a.

Julian Day Number = 990039.5, Delta T = 13h03m35s
Ecliptic obliquity = 23°55'23, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'48, Lahiri = -31°33'47 Julian Calendar 1 Aug. 2003 BCE == Greg. Calendar 15 July 2003 BCE

The year -2002 astronomical counting style corresponds to year 2003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

SEPTEMBER 2003 BCE (-2002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 31 55	20♌59'00	21♈45	2♌50	1♌53	26♌28	28♎36	4♊44	0°R59	27♌ 9	27♊19	29°R59	28♋44	4♍19	n.a.	S 1
S 2	21 35 51	21°58'46	5♉49	3°54	3° 8	27° 9	28°45	4°48	0♉58	27°12	27°20	29♋58	28°41	4°25	n.a.	S 2
M 3	21 39 48	22°58'35	19°25	5° 5	4°23	27°50	28°54	4°51	0°58	27°14	27°22	29°D57	28°38	4°32	n.a.	M 3
T 4	21 43 44	23°58'26	2♊37	6°21	5°38	28°32	29° 3	4°55	0°57	27°16	27°23	29°57	28°34	4°39	n.a.	T 4
W 5	21 47 41	24°58'20	15°26	7°41	6°53	29°13	29°12	4°58	0°57	27°18	27°24	29°58	28°31	4°45	n.a.	W 5
T 6	21 51 37	25°58'16	27°57	9° 5	8° 8	29°55	29°22	5° 1	0°56	27°21	27°25	29°59	28°28	4°52	n.a.	T 6
F 7	21 55 34	26°58'14	10♋13	10°33	9°23	0♍36	29°31	5° 4	0°55	27°23	27°26	0♌ 2	28°25	4°59	n.a.	F 7
S 8	21 59 30	27°58'15	22°17	12° 3	10°38	1°18	29°41	5° 7	0°55	27°25	27°27	0° 3	28°22	5° 5	n.a.	S 8
S 9	22 3 27	28°58'18	4♌14	13°36	11°53	2° 0	29°51	5°10	0°54	27°27	27°28	0°R 3	28°18	5°12	n.a.	S 9
M10	22 7 24	29°58'23	16° 6	15°11	13° 9	2°41	0♏ 1	5°13	0°53	27°30	27°29	0° 2	28°15	5°19	n.a.	M10
T 11	22 11 20	0♍58'31	27°55	16°47	14°24	3°23	0°11	5°15	0°52	27°32	27°30	29♋59	28°12	5°25	n.a.	T 11
W12	22 15 17	1°58'40	9♍44	18°24	15°39	4° 5	0°21	5°18	0°51	27°34	27°31	29°54	28° 9	5°32	n.a.	W12
T 13	22 19 13	2°58'51	21°34	20° 2	16°54	4°47	0°31	5°20	0°50	27°36	27°32	29°49	28° 6	5°39	n.a.	T 13
F 14	22 23 10	3°59'04	3♎27	21°41	18°10	5°29	0°41	5°22	0°49	27°39	27°33	29°42	28° 3	5°45	n.a.	F 14
S 15	22 27 6	4°59'19	15°25	23°20	19°25	6°11	0°52	5°25	0°48	27°41	27°34	29°36	27°59	5°52	n.a.	S 15
S 16	22 31 3	5°59'36	27°32	25° 0	20°40	6°53	1° 2	5°27	0°47	27°43	27°35	29°30	27°56	5°59	n.a.	S 16
M17	22 34 59	6°59'55	9♏48	26°39	21°56	7°35	1°13	5°29	0°46	27°45	27°36	29°25	27°53	6° 5	n.a.	M17
T 18	22 38 56	8° 0'15	22°19	28°19	23°11	8°17	1°24	5°31	0°44	27°48	27°37	29°22	27°50	6°12	n.a.	T 18
W19	22 42 52	9° 0'37	5♐ 6	29°59	24°27	8°59	1°35	5°32	0°43	27°50	27°38	29°D20	27°47	6°19	n.a.	W19
T 20	22 46 49	10° 1'01	18°14	1♑38	25°42	9°41	1°46	5°34	0°42	27°52	27°38	29°21	27°43	6°25	n.a.	T 20
F 21	22 50 46	11° 1'26	1♑47	3°18	26°57	10°23	1°57	5°36	0°41	27°54	27°39	29°22	27°40	6°32	n.a.	F 21
S 22	22 54 42	12° 1'53	15°45	4°57	28°13	11° 6	2° 8	5°37	0°39	27°56	27°40	29°23	27°37	6°39	n.a.	S 22
S 23	22 58 39	13° 2'21	0♒10	6°36	29°28	11°48	2°19	5°39	0°38	27°59	27°40	29°R24	27°34	6°45	n.a.	S 23
M24	23 2 35	14° 2'51	14°59	8°15	0♍44	12°30	2°30	5°40	0°36	28° 1	27°41	29°23	27°31	6°52	n.a.	M24
T 25	23 6 32	15° 3'23	0♓ 6	9°53	1°59	13°13	2°42	5°41	0°35	28° 3	27°42	29°20	27°28	6°59	n.a.	T 25
W26	23 10 28	16° 3'56	15°23	11°31	3°15	13°55	2°53	5°42	0°33	28° 5	27°42	29°14	27°24	7° 5	n.a.	W26
T 27	23 14 25	17° 4'31	0♈39	13° 9	4°31	14°38	3° 5	5°43	0°31	28° 7	27°43	29° 8	27°21	7°12	n.a.	T 27
F 28	23 18 21	18° 5'07	15°43	14°46	5°46	15°20	3°16	5°44	0°30	28° 9	27°44	29° 0	27°18	7°19	n.a.	F 28
S 29	23 22 18	19° 5'46	0♉27	16°23	7° 2	16° 3	3°28	5°44	0°28	28°12	27°44	28°52	27°15	7°25	n.a.	S 29
S 30	23 26 14	20♍ 6'26	14♉44	18♍ 0	8♍17	16♍46	3♏40	5♊45	0♉26	28♌14	27♊45	28♋46	27♋12	7♍32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n47	3n50	5s12	21n12	1n19	21n20	1n14	13n46	0n52	10s42	0n32	20n39	0s52	11n43	0s21	14n22	1n46	32n23	8n29	20n34	20n50	12n54		n.a.
S 2	14 28	8 48	5 14	21 6	1 28	21 4	1 15	13 31	0 52	10 45	0 32	20 40	0 52	11 43	0 21	14 21	1 46	32 23	8 29	20 34	20 50	12 53		n.a.
M 3	14 8	13 10	4 58	20 56	1 36	20 47	1 16	13 16	0 51	10 49	0 31	20 41	0 52	11 42	0 21	14 20	1 46	32 23	8 30	20 34	20 51	12 51		n.a.
T 4	13 48	16 46	4 26	20 43	1 43	20 30	1 17	13 1	0 51	10 52	0 31	20 41	0 52	11 42	0 22	14 19	1 46	32 24	8 30	20 34	20 52	12 49		n.a.
W 5	13 28	19 26	3 42	20 28	1 48	20 12	1 19	12 46	0 51	10 56	0 31	20 42	0 52	11 42	0 22	14 19	1 46	32 24	8 30	20 34	20 52	12 47		n.a.
T 6	13 7	21 7	2 48	20 9	1 53	19 53	1 20	12 30	0 50	10 59	0 31	20 42	0 52	11 42	0 22	14 18	1 46	32 24	8 31	20 34	20 53	12 45		n.a.
F 7	12 46	21 45	1 47	19 48	1 56	19 34	1 21	12 15	0 50	11 3	0 31	20 43	0 52	11 42	0 22	14 17	1 46	32 25	8 31	20 33	20 54	12 43		n.a.
S 8	12 25	21 20	0 43	19 25	1 58	19 14	1 22	12 0	0 49	11 7	0 30	20 44	0 52	11 41	0 22	14 16	1 46	32 25	8 31	20 33	20 54	12 42		n.a.
S 9	12 4	19 58	0n23	18 59	2 0	18 53	1 23	11 44	0 49	11 10	0 30	20 44	0 52	11 41	0 22	14 16	1 46	32 25	8 31	20 33	20 55	12 40		n.a.
M10	11 42	17 43	1 27	18 31	2 0	18 32	1 23	11 28	0 48	11 14	0 30	20 45	0 52	11 41	0 22	14 15	1 46	32 26	8 32	20 33	20 56	12 38		n.a.
T 11	11 21	14 44	2 27	18 2	2 0	18 11	1 24	11 12	0 48	11 18	0 30	20 45	0 52	11 40	0 22	14 14	1 46	32 26	8 32	20 34	20 56	12 36		n.a.
W12	10 59	11 9	3 20	17 31	2 0	17 49	1 25	10 57	0 47	11 22	0 30	20 46	0 52	11 40	0 22	14 13	1 46	32 26	8 32	20 35	20 57	12 34		n.a.
T 13	10 37	7 9	4 5	16 58	1 58	17 26	1 26	10 41	0 47	11 26	0 29	20 46	0 52	11 40	0 22	14 12	1 46	32 27	8 33	20 36	20 58	12 32		n.a.
F 14	10 15	2 51	4 39	16 24	1 56	17 3	1 26	10 24	0 46	11 29	0 29	20 46	0 52	11 39	0 22	14 12	1 46	32 27	8 33	20 37	20 58	12 30		n.a.
S 15	9 52	1s34	5 2	15 48	1 54	16 40	1 27	10 8	0 46	11 33	0 29	20 47	0 52	11 39	0 22	14 11	1 46	32 27	8 33	20 39	20 59	12 28		n.a.
S 16	9 30	5 59	5 11	15 11	1 51	16 16	1 27	9 52	0 46	11 37	0 29	20 47	0 52	11 38	0 22	14 10	1 46	32 27	8 34	20 40	21 0	12 27		n.a.
M17	9 7	10 13	5 6	14 34	1 48	15 51	1 27	9 36	0 45	11 41	0 29	20 48	0 52	11 38	0 22	14 9	1 46	32 28	8 34	20 41	21 0	12 25		n.a.
T 18	8 44	14 6	4 46	13 55	1 44	15 26	1 28	9 19	0 45	11 45	0 29	20 48	0 52	11 38	0 22	14 9	1 46	32 28	8 34	20 42	21 1	12 23		n.a.
W19	8 21	17 26	4 13	13 15	1 40	15 1	1 28	9 2	0 44	11 49	0 28	20 48	0 52	11 37	0 22	14 8	1 47	32 28	8 34	20 42	21 2	12 21		n.a.
T 20	7 58	20 0	3 25	12 35	1 35	14 35	1 28	8 46	0 44	11 53	0 28	20 48	0 52	11 37	0 22	14 7	1 47	32 29	8 35	20 42	21 2	12 19		n.a.
F 21	7 35	21 30	2 24	11 54	1 31	14 9	1 28	8 29	0 43	11 57	0 28	20 49	0 52	11 36	0 22	14 6	1 47	32 29	8 35	20 42	21 3	12 17		n.a.
S 22	7 11	21 45	1 13	11 13	1 26	13 42	1 28	8 12	0 43	12 1	0 28	20 49	0 52	11 36	0 22	14 6	1 47	32 29	8 35	20 41	21 3	12 15		n.a.
S 23	6 48	20 36	0s 4	10 31	1 21	13 16	1 28	7 55	0 42	12 5	0 28	20 49	0 52	11 35	0 22	14 5	1 47	32 30	8 36	20 41	21 4	12 13		n.a.
M24	6 24	18 0	1 23	9 48	1 15	12 48	1 28	7 38	0 42	12 9	0 27	20 49	0 52	11 35	0 22	14 4	1 47	32 30	8 36	20 42	21 5	12 11		n.a.
T 25	6 0	14 7	2 38	9 5	1 10	12 20	1 28	7 21	0 41	12 14	0 27	20 50	0 52	11 34	0 22	14 3	1 47	32 30	8 36	20 42	21 5	12 10		n.a.
W26	5 36	9 17	3 42	8 22	1 4	11 52	1 28	7 4	0 41	12 18	0 27	20 50	0 52	11 33	0 22	14 3	1 47	32 31	8 37	20 43	21 6	12 8		n.a.
T 27	5 12	3 52	4 31	7 38	0 58	11 24	1 27	6 47	0 40	12 22	0 27	20 50	0 52	11 33	0 22	14 2	1 47	32 31	8 37	20 45	21 7	12 6		n.a.
F 28	4 48	1n43	4 59	6 55	0 52	10 55	1 27	6 30	0 40	12 26	0 27	20 50	0 52	11 32	0 22	14 1	1 47	32 31	8 37	20 46	21 7	12 4		n.a.
S 29	4 24	7 4	5 7	6 11	0 46	10 26	1 26	6 13	0 39	12 30	0 27	20 50	0 52	11 32	0 22	14 0	1 47	32 32	8 38	20 48	21 8	12 2		n.a.
S 30	4n 0	11n53	4s56	5n26	0n40	9n57	1n26	5n55	0n39	12s35	0n26	20n50	0s52	11n31	0s22	14n 0	1n47	32n32	8n38	20n49	21n 9	12n 0		n.a.

Julian Day Number = 990070.5, Delta T = 13h03m32s
Ecliptic obliquity = 23°55'24, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'43, Lahiri = -31°33'43 Julian Calendar 1 Sept. 2003 BCE == Greg. Calendar 15 Aug. 2003 BCE

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

OCTOBER 2003 BCE (-2002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 30 11	21♍ 7'08	28♉30	19♍37	9♍33	17♍28	3♏52	5♊45	0°R24	28♌16	27♊45	28°R41	27♋ 9	7♍39	n.a.	M 1
T 2	23 34 8	22° 7'52	11♊47	21°13	10°49	18°11	4° 4	5°46	0♉23	28°18	27°46	28♋38	27° 5	7°45	n.a.	T 2
W 3	23 38 4	23° 8'39	24°37	22°49	12° 4	18°54	4°16	5°46	0°21	28°20	27°46	28°D38	27° 2	7°52	n.a.	W 3
T 4	23 42 1	24° 9'26	7♋ 6	24°24	13°20	19°37	4°28	5°R46	0°19	28°22	27°46	28°39	26°59	7°59	n.a.	T 4
F 5	23 45 57	25°10'16	19°16	26° 0	14°35	20°20	4°40	5°46	0°17	28°24	27°47	28°40	26°56	8° 6	n.a.	F 5
S 6	23 49 54	26°11'07	1♌15	27°35	15°51	21° 3	4°52	5°46	0°15	28°26	27°47	28°R40	26°53	8°12	n.a.	S 6
S 7	23 53 50	27°12'01	13° 6	29°10	17° 7	21°46	5° 5	5°46	0°13	28°28	27°47	28°39	26°49	8°19	n.a.	S 7
M 8	23 57 47	28°12'55	24°54	0♎45	18°22	22°29	5°17	5°45	0°11	28°30	27°48	28°35	26°46	8°26	n.a.	M 8
T 9	0 1 43	29°13'51	6♍42	2°19	19°38	23°12	5°30	5°45	0° 9	28°32	27°48	28°29	26°43	8°32	n.a.	T 9
W10	0 5 40	0♎14'49	18°32	3°53	20°54	23°55	5°42	5°44	0° 7	28°34	27°48	28°20	26°40	8°39	n.a.	W10
T 11	0 9 37	1°15'48	0♎27	5°28	22°10	24°38	5°55	5°43	0° 4	28°36	27°48	28° 8	26°37	8°46	n.a.	T 11
F 12	0 13 33	2°16'48	12°29	7° 2	23°25	25°22	6° 7	5°43	0° 2	28°38	27°48	27°56	26°34	8°52	n.a.	F 12
S 13	0 17 30	3°17'49	24°37	8°35	24°41	26° 5	6°20	5°42	0° 0	28°40	27°48	27°43	26°30	8°59	n.a.	S 13
S 14	0 21 26	4°18'52	6♏54	10° 9	25°57	26°48	6°33	5°41	29♈58	28°42	27°49	27°30	26°27	9° 6	n.a.	S 14
M15	0 25 23	5°19'55	19°20	11°43	27°12	27°32	6°46	5°40	29°56	28°44	27°49	27°20	26°24	9°12	n.a.	M15
T 16	0 29 19	6°21'00	1♐57	13°16	28°28	28°15	6°59	5°38	29°53	28°46	27°49	27°12	26°21	9°19	n.a.	T 16
W17	0 33 16	7°22'05	14°47	14°50	29°44	28°59	7°12	5°37	29°51	28°48	27°R49	27° 8	26°18	9°26	n.a.	W17
T 18	0 37 12	8°23'12	27°53	16°23	1♑ 0	29°42	7°25	5°35	29°49	28°49	27°49	27° 5	26°14	9°32	n.a.	T 18
F 19	0 41 9	9°24'19	11♑17	17°57	2°15	0♑26	7°38	5°34	29°46	28°51	27°49	27°D 5	26°11	9°39	n.a.	F 19
S 20	0 45 6	10°25'27	25° 2	19°30	3°31	1° 9	7°51	5°32	29°44	28°53	27°49	27°R 5	26° 8	9°46	n.a.	S 20
S 21	0 49 2	11°26'35	9♒10	21° 3	4°47	1°53	8° 4	5°30	29°42	28°55	27°48	27° 5	26° 5	9°52	n.a.	S 21
M22	0 52 59	12°27'44	23°40	22°36	6° 2	2°37	8°17	5°28	29°39	28°57	27°48	27° 2	26° 2	9°59	n.a.	M22
T 23	0 56 55	13°28'54	8♓28	24° 9	7°18	3°21	8°30	5°26	29°37	28°58	27°48	26°57	25°59	10° 6	n.a.	T 23
W24	1 0 52	14°30'04	23°31	25°42	8°34	4° 4	8°44	5°24	29°34	29° 0	27°48	26°49	25°55	10°12	n.a.	W24
T 25	1 4 48	15°31'15	8♈37	27°15	9°49	4°48	8°57	5°22	29°32	29° 2	27°48	26°39	25°52	10°19	n.a.	T 25
F 26	1 8 45	16°32'27	23°38	28°48	11° 5	5°32	9°11	5°20	29°29	29° 3	27°47	26°27	25°49	10°26	n.a.	F 26
S 27	1 12 41	17°33'39	8♉24	0♏20	12°21	6°16	9°24	5°17	29°27	29° 5	27°47	26°16	25°46	10°33	n.a.	S 27
S 28	1 16 38	18°34'52	22°46	1°53	13°36	7° 0	9°37	5°15	29°24	29° 7	27°47	26° 5	25°43	10°39	n.a.	S 28
M29	1 20 35	19°36'07	6♊40	3°25	14°52	7°44	9°51	5°12	29°22	29° 8	27°46	25°57	25°40	10°46	n.a.	M29
T 30	1 24 31	20°37'22	20° 5	4°57	16° 8	8°28	10° 4	5° 9	29°19	29°10	27°46	25°51	25°36	10°53	n.a.	T 30
W31	1 28 28	21♎38'38	3♋ 1	6♏28	17♎23	9♎12	10♏18	5♊ 7	29♈17	29♌11	27♊46	25♋48	25♋33	10♍59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	3n35	15n53	4s27	4n42	0n33	9n28	1n25	5n38	0n38	12s39	0n26	20n50	0s52	11n30	0s22	13n59	1n47	32n32	8n38	20n50	21n 9	11n58			n.a.
T 2	3 11	18 57	3 45	3 58	0 27	8 58	1 25	5 20	0 38	12 43	0 26	20 51	0 52	11 30	0 22	13 58	1 47	32 33	8 39	20 51	21 10	11 56			n.a.
W 3	2 46	20 56	2 53	3 13	0 21	8 28	1 24	5 3	0 37	12 47	0 26	20 51	0 52	11 29	0 22	13 57	1 47	32 33	8 39	20 51	21 10	11 54			n.a.
T 4	2 22	21 51	1 53	2 29	0 14	7 57	1 23	4 45	0 36	12 52	0 26	20 51	0 52	11 28	0 22	13 57	1 47	32 33	8 39	20 51	21 11	11 52			n.a.
F 5	1 57	21 41	0 50	1 44	0 8	7 27	1 22	4 27	0 36	12 56	0 26	20 51	0 52	11 28	0 22	13 56	1 47	32 34	8 40	20 51	21 12	11 50			n.a.
S 6	1 33	20 31	0n14	1 0	0 1	6 56	1 22	4 10	0 35	13 0	0 26	20 51	0 52	11 27	0 22	13 55	1 47	32 34	8 40	20 51	21 12	11 48			n.a.
S 7	1 8	18 27	1 17	0 16	0s 5	6 25	1 21	3 52	0 35	13 5	0 25	20 51	0 52	11 26	0 22	13 55	1 47	32 34	8 40	20 51	21 13	11 46			n.a.
M 8	0 43	15 36	2 16	0s29	0 12	5 54	1 20	3 34	0 34	13 9	0 25	20 50	0 52	11 26	0 22	13 54	1 47	32 35	8 40	20 52	21 14	11 44			n.a.
T 9	0 19	12 8	3 9	1 13	0 18	5 23	1 19	3 16	0 34	13 13	0 25	20 50	0 52	11 25	0 22	13 53	1 47	32 35	8 41	20 53	21 14	11 42			n.a.
W10	0s 6	8 11	3 53	1 57	0 24	4 52	1 17	2 58	0 33	13 18	0 25	20 50	0 52	11 24	0 22	13 53	1 47	32 35	8 41	20 55	21 15	11 40			n.a.
T 11	0 31	3 54	4 28	2 41	0 31	4 20	1 16	2 40	0 33	13 22	0 25	20 50	0 52	11 23	0 22	13 52	1 47	32 36	8 41	20 57	21 15	11 38			n.a.
F 12	0 55	0s34	4 52	3 24	0 37	3 48	1 15	2 22	0 32	13 27	0 25	20 50	0 52	11 22	0 22	13 51	1 47	32 36	8 42	21 0	21 16	11 36			n.a.
S 13	1 20	5 3	5 2	4 8	0 43	3 17	1 14	2 4	0 32	13 31	0 25	20 50	0 52	11 22	0 22	13 51	1 47	32 36	8 42	21 2	21 17	11 34			n.a.
S 14	1 45	9 24	4 58	4 51	0 49	2 45	1 12	1 46	0 31	13 36	0 24	20 50	0 52	11 21	0 22	13 50	1 47	32 37	8 42	21 5	21 17	11 33			n.a.
M15	2 10	13 25	4 41	5 34	0 55	2 13	1 11	1 28	0 30	13 40	0 24	20 50	0 52	11 20	0 22	13 49	1 47	32 37	8 43	21 7	21 18	11 31			n.a.
T 16	2 34	16 54	4 9	6 17	1 1	1 41	1 10	1 10	0 30	13 44	0 24	20 49	0 52	11 19	0 22	13 49	1 47	32 37	8 43	21 8	21 19	11 29			n.a.
W17	2 59	19 39	3 25	6 59	1 7	1 9	1 8	0 52	0 29	13 49	0 24	20 49	0 52	11 18	0 22	13 48	1 47	32 38	8 43	21 9	21 19	11 27			n.a.
T 18	3 23	21 26	2 28	7 41	1 13	0 37	1 6	0 33	0 29	13 53	0 24	20 49	0 52	11 18	0 22	13 47	1 47	32 38	8 44	21 10	21 20	11 25			n.a.
F 19	3 48	22 3	1 23	8 23	1 18	0 4	1 5	0 15	0 28	13 58	0 24	20 49	0 52	11 17	0 22	13 47	1 47	32 38	8 44	21 10	21 20	11 23			n.a.
S 20	4 12	21 23	0 11	9 4	1 24	0s28	1 3	0s 3	0 28	14 2	0 24	20 48	0 52	11 16	0 22	13 46	1 48	32 39	8 44	21 10	21 21	11 21			n.a.
S 21	4 37	19 21	1s 4	9 45	1 29	1 0	1 2	0 21	0 27	14 7	0 23	20 48	0 52	11 15	0 22	13 46	1 48	32 39	8 45	21 10	21 22	11 19			n.a.
M22	5 1	16 2	2 16	10 25	1 34	1 32	1 0	0 40	0 26	14 11	0 23	20 48	0 52	11 14	0 22	13 45	1 48	32 39	8 45	21 10	21 22	11 17			n.a.
T 23	5 25	11 39	3 20	11 5	1 39	2 4	0 58	0 58	0 26	14 16	0 23	20 47	0 52	11 13	0 22	13 45	1 48	32 40	8 45	21 11	21 23	11 15			n.a.
W24	5 50	6 28	4 12	11 44	1 44	2 36	0 56	1 16	0 25	14 20	0 23	20 47	0 52	11 12	0 22	13 44	1 48	32 40	8 46	21 13	21 23	11 13			n.a.
T 25	6 14	0 53	4 46	12 22	1 48	3 8	0 54	1 34	0 25	14 25	0 23	20 47	0 52	11 12	0 22	13 43	1 48	32 40	8 46	21 15	21 24	11 11			n.a.
F 26	6 38	4n43	5 0	13 0	1 52	3 40	0 52	1 53	0 24	14 29	0 23	20 46	0 52	11 11	0 22	13 43	1 48	32 41	8 46	21 17	21 25	11 9			n.a.
S 27	7 2	9 57	4 54	13 37	1 56	4 12	0 51	2 11	0 23	14 34	0 23	20 46	0 52	11 10	0 22	13 42	1 48	32 41	8 47	21 20	21 25	11 7			n.a.
S 28	7 25	14 30	4 29	14 14	2 0	4 44	0 49	2 29	0 23	14 38	0 22	20 45	0 52	11 9	0 22	13 42	1 48	32 41	8 47	21 22	21 26	11 5			n.a.
M29	7 49	18 6	3 49	14 49	2 3	5 16	0 47	2 48	0 22	14 43	0 22	20 45	0 52	11 8	0 22	13 41	1 48	32 41	8 47	21 23	21 26	11 2			n.a.
T 30	8 13	20 36	2 57	15 24	2 6	5 47	0 45	3 6	0 22	14 47	0 22	20 44	0 52	11 7	0 22	13 41	1 48	32 42	8 48	21 24	21 27	11 0			n.a.
W31	8s36	21n56	1s57	15s58	2s 8	6s19	0n42	3s24	0n21	14s51	0n22	20n44	0s52	11n 6	0s22	13n40	1n48	32n42	8n48	21n25	21n28	10n58			n.a.

Julian Day Number = 990100.5, Delta T = 13h03m30s
Ecliptic obliquity = 23°55'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'39, Lahiri = -31°33'39 Julian Calendar 1 Oct. 2003 BCE == Greg. Calendar 14 Sept. 2003 BCE

The year -2002 astronomical counting style corresponds to year 2003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

NOVEMBER 2003 BCE (-2002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 32 24	22♎39'54	15♋33	7♏59	18♎39	9♎57	10♏32	5°R 4	29°R14	29♘13	27°R45	25°R47	25♋30	11♍ 6	n.a.	T 1
F 2	1 36 21	23°41'12	27°46	9°29	19°55	10°41	10°45	5♊ 1	29♈12	29°14	27♊45	25♋47	25°27	11°13	n.a.	F 2
S 3	1 40 17	24°42'30	9♘45	10°59	21°10	11°25	10°59	4°58	29° 9	29°16	27°44	25°47	25°24	11°19	n.a.	S 3
S 4	1 44 14	25°43'49	21°35	12°28	22°26	12° 9	11°13	4°54	29° 6	29°17	27°44	25°45	25°20	11°26	n.a.	S 4
M 5	1 48 11	26°45'08	3♍23	13°56	23°42	12°54	11°26	4°51	29° 4	29°19	27°43	25°41	25°17	11°33	n.a.	M 5
T 6	1 52 7	27°46'28	15°12	15°23	24°57	13°38	11°40	4°48	29° 1	29°20	27°43	25°33	25°14	11°39	n.a.	T 6
W 7	1 56 4	28°47'49	27° 6	16°48	26°13	14°23	11°54	4°44	28°59	29°21	27°42	25°23	25°11	11°46	n.a.	W 7
T 8	2 0 0	29°49'09	9♎ 8	18°12	27°28	15° 7	12° 8	4°41	28°56	29°23	27°41	25°11	25° 8	11°53	n.a.	T 8
F 9	2 3 57	0♏50'31	21°19	19°33	28°44	15°52	12°22	4°37	28°54	29°24	27°41	24°56	25° 5	11°59	n.a.	F 9
S 10	2 7 53	1°51'52	3♏41	20°53	29°59	16°36	12°35	4°33	28°51	29°25	27°40	24°41	25° 1	12° 6	n.a.	S 10
S 11	2 11 50	2°53'13	16°13	22° 9	1♏15	17°21	12°49	4°30	28°48	29°27	27°39	24°27	24°58	12°13	n.a.	S 11
M12	2 15 46	3°54'35	28°57	23°22	2°31	18° 6	13° 3	4°26	28°46	29°28	27°39	24°15	24°55	12°20	n.a.	M12
T 13	2 19 43	4°55'56	11♐50	24°31	3°46	18°50	13°17	4°22	28°43	29°29	27°38	24° 6	24°52	12°26	n.a.	T 13
W14	2 23 40	5°57'18	24°55	25°36	5° 2	19°35	13°31	4°18	28°41	29°30	27°37	24° 0	24°49	12°33	n.a.	W14
T 15	2 27 36	6°58'39	8♑11	26°35	6°17	20°20	13°45	4°14	28°38	29°31	27°36	23°57	24°46	12°40	n.a.	T 15
F 16	2 31 33	8° 0'00	21°39	27°28	7°33	21° 5	13°59	4°10	28°36	29°32	27°36	23°D56	24°42	12°46	n.a.	F 16
S 17	2 35 29	9° 1'20	5♒21	28°15	8°48	21°49	14°13	4° 6	28°33	29°33	27°35	23°R57	24°39	12°53	n.a.	S 17
S 18	2 39 26	10° 2'40	19°18	28°54	10° 4	22°34	14°27	4° 1	28°31	29°35	27°34	23°56	24°36	13° 0	n.a.	S 18
M19	2 43 22	11° 3'59	3♓31	29°24	11°19	23°19	14°41	3°57	28°28	29°36	27°33	23°55	24°33	13° 6	n.a.	M19
T 20	2 47 19	12° 5'18	17°57	29°44	12°35	24° 4	14°55	3°53	28°26	29°36	27°32	23°50	24°30	13°13	n.a.	T 20
W21	2 51 16	13° 6'36	2♈33	29°R54	13°50	24°49	15° 9	3°48	28°23	29°37	27°31	23°43	24°26	13°20	n.a.	W21
T 22	2 55 12	14° 7'53	17°15	29°53	15° 6	25°34	15°23	3°44	28°21	29°38	27°30	23°34	24°23	13°26	n.a.	T 22
F 23	2 59 9	15° 9'10	1♉54	29°41	16°21	26°19	15°37	3°39	28°18	29°39	27°29	23°23	24°20	13°33	n.a.	F 23
S 24	3 3 5	16°10'27	16°23	29°16	17°37	27° 4	15°51	3°35	28°16	29°40	27°28	23°12	24°17	13°40	n.a.	S 24
S 25	3 7 2	17°11'43	0♊35	28°40	18°52	27°50	16° 5	3°30	28°13	29°41	27°27	23° 1	24°14	13°46	n.a.	S 25
M26	3 10 58	18°12'58	14°25	27°53	20° 7	28°35	16°19	3°25	28°11	29°42	27°26	22°53	24°11	13°53	n.a.	M26
T 27	3 14 55	19°14'14	27°49	26°56	21°23	29°20	16°33	3°21	28° 9	29°42	27°25	22°48	24° 7	14° 0	n.a.	T 27
W28	3 18 51	20°15'29	10♋48	25°50	22°38	0♏ 5	16°47	3°16	28° 6	29°43	27°24	22°45	24° 4	14° 7	n.a.	W28
T 29	3 22 48	21°16'43	23°25	24°37	23°53	0°51	17° 1	3°11	28° 4	29°44	27°23	22°D44	24° 1	14°13	n.a.	T 29
F 30	3 26 45	22♏17'57	5♘41	23♏20	25♏ 9	1♏36	17♏15	3♊ 6	28♈ 2	29♘44	27♊22	22♋45	23♋58	14♍20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s59	22n 6	0s54	16s30	2s11	6s50	0n40	3s42	0n20	14s56	0n22	20n43	0s52	11n 5	0s22	13n40	1n48	32n42	8n48	21n25	21n28	10n56		n.a.
F 2	9 23	21 12	0n10	17 2	2 12	7 21	0 38	4 1	0 20	15 0	0 22	20 43	0 52	11 4	0 22	13 39	1 48	32 43	8 49	21 25	21 29	10 54		n.a.
S 3	9 46	19 20	1 13	17 32	2 13	7 52	0 36	4 19	0 19	15 5	0 22	20 42	0 52	11 3	0 22	13 39	1 48	32 43	8 49	21 25	21 29	10 52		n.a.
S 4	10 8	16 40	2 12	18 1	2 14	8 23	0 34	4 37	0 18	15 9	0 22	20 42	0 52	11 2	0 22	13 38	1 48	32 43	8 49	21 25	21 30	10 50		n.a.
M 5	10 31	13 20	3 5	18 29	2 14	8 53	0 32	4 55	0 18	15 14	0 21	20 41	0 52	11 2	0 22	13 38	1 48	32 44	8 49	21 26	21 31	10 48		n.a.
T 6	10 54	9 28	3 50	18 55	2 14	9 24	0 30	5 13	0 17	15 18	0 21	20 41	0 52	11 1	0 22	13 37	1 48	32 44	8 50	21 28	21 31	10 46		n.a.
W 7	11 16	5 12	4 25	19 19	2 13	9 54	0 27	5 32	0 16	15 23	0 21	20 40	0 52	11 0	0 22	13 37	1 48	32 44	8 50	21 29	21 32	10 44		n.a.
T 8	11 38	0 43	4 48	19 42	2 11	10 24	0 25	5 50	0 16	15 27	0 21	20 40	0 52	10 59	0 22	13 37	1 49	32 44	8 50	21 32	21 32	10 42		n.a.
F 9	12 0	3s52	4 59	20 2	2 9	10 53	0 23	6 8	0 15	15 32	0 21	20 39	0 52	10 58	0 22	13 36	1 49	32 45	8 51	21 34	21 33	10 40		n.a.
S 10	12 22	8 22	4 56	20 21	2 6	11 23	0 20	6 26	0 15	15 36	0 21	20 38	0 51	10 57	0 22	13 36	1 49	32 45	8 51	21 37	21 34	10 38		n.a.
S 11	12 43	12 35	4 39	20 38	2 1	11 52	0 18	6 44	0 14	15 40	0 21	20 38	0 51	10 56	0 22	13 35	1 49	32 45	8 51	21 40	21 34	10 36		n.a.
M12	13 4	16 18	4 7	20 52	1 56	12 20	0 16	7 2	0 13	15 45	0 21	20 37	0 51	10 55	0 22	13 35	1 49	32 46	8 52	21 42	21 35	10 34		n.a.
T 13	13 26	19 19	3 23	21 4	1 50	12 49	0 14	7 20	0 13	15 49	0 20	20 36	0 51	10 54	0 22	13 35	1 49	32 46	8 52	21 44	21 35	10 32		n.a.
W14	13 46	21 22	2 27	21 13	1 43	13 17	0 11	7 38	0 12	15 53	0 20	20 36	0 51	10 53	0 21	13 34	1 49	32 46	8 52	21 45	21 36	10 30		n.a.
T 15	14 7	22 18	1 22	21 19	1 35	13 45	0 9	7 56	0 11	15 58	0 20	20 35	0 51	10 52	0 21	13 34	1 49	32 46	8 52	21 45	21 36	10 28		n.a.
F 16	14 27	21 57	0 12	21 23	1 26	14 12	0 6	8 13	0 11	16 2	0 20	20 34	0 51	10 51	0 21	13 34	1 49	32 47	8 53	21 45	21 37	10 25		n.a.
S 17	14 48	20 17	1s 0	21 23	1 15	14 39	0 4	8 31	0 10	16 7	0 20	20 33	0 51	10 51	0 21	13 33	1 49	32 47	8 53	21 45	21 38	10 23		n.a.
S 18	15 7	17 23	2 10	21 20	1 3	15 6	0 2	8 49	0 9	16 11	0 20	20 33	0 51	10 50	0 21	13 33	1 49	32 47	8 53	21 45	21 38	10 21		n.a.
M19	15 27	13 25	3 13	21 14	0 50	15 32	0s 1	9 6	0 9	16 15	0 20	20 32	0 51	10 49	0 21	13 33	1 49	32 47	8 53	21 46	21 39	10 19		n.a.
T 20	15 46	8 36	4 5	21 4	0 35	15 58	0 3	9 24	0 8	16 19	0 20	20 31	0 51	10 48	0 21	13 32	1 49	32 48	8 54	21 46	21 39	10 17		n.a.
W21	16 5	3 16	4 42	20 51	0 19	16 24	0 5	9 41	0 7	16 24	0 20	20 30	0 51	10 47	0 21	13 32	1 49	32 48	8 54	21 48	21 40	10 15		n.a.
T 22	16 24	2n18	5 0	20 34	0 2	16 49	0 8	9 59	0 6	16 28	0 19	20 30	0 51	10 46	0 21	13 32	1 49	32 48	8 54	21 49	21 40	10 13		n.a.
F 23	16 43	7 43	4 59	20 14	0n16	17 13	0 10	10 16	0 6	16 32	0 19	20 29	0 51	10 45	0 21	13 32	1 50	32 48	8 55	21 51	21 41	10 11		n.a.
S 24	17 1	12 38	4 38	19 50	0 35	17 37	0 12	10 33	0 5	16 37	0 19	20 28	0 51	10 44	0 21	13 31	1 50	32 49	8 55	21 53	21 42	10 9		n.a.
S 25	17 18	16 46	4 0	19 22	0 55	18 1	0 15	10 51	0 4	16 41	0 19	20 27	0 51	10 43	0 21	13 31	1 50	32 49	8 55	21 55	21 42	10 7		n.a.
M26	17 36	19 52	3 9	18 52	1 15	18 24	0 17	11 8	0 4	16 45	0 19	20 26	0 50	10 43	0 21	13 31	1 50	32 49	8 55	21 56	21 43	10 4		n.a.
T 27	17 53	21 46	2 9	18 20	1 35	18 47	0 19	11 25	0 3	16 49	0 19	20 26	0 50	10 42	0 21	13 31	1 50	32 49	8 56	21 57	21 43	10 2		n.a.
W28	18 10	22 25	1 3	17 46	1 54	19 9	0 22	11 42	0 2	16 53	0 19	20 25	0 50	10 41	0 21	13 30	1 50	32 49	8 56	21 58	21 44	10 0		n.a.
T 29	18 27	21 54	0n 4	17 10	2 12	19 31	0 24	11 58	0 2	16 58	0 19	20 24	0 50	10 40	0 21	13 30	1 50	32 50	8 56	21 58	21 44	9 58		n.a.
F 30	18s43	20n20	1n 9	16s35	2n29	19s52	0s26	12s15	0n 1	17s 2	0n19	20n23	0s50	10n39	0s21	13n30	1n50	32n50	8n56	21n58	21n45	9n56		n.a.

Julian Day Number = 990131.5, Delta T = 13h03m28s
Ecliptic obliquity = 23°55'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'35, Lahiri = -31°33'35 Julian Calendar 1 Nov. 2003 BCE == Greg. Calendar 15 Oct. 2003 BCE

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ASTRODIENST EPHEMERIS for the year 2003 BCE
geocentric

DECEMBER 2003 BCE (-2002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 30 41	23♏19'11	17♌44	22°R 1	26♏24	2♏21	17♏29	3°R 1	27°R59	29♌45	27°R20	22°R46	23♋55	14♍27	n.a.	S 1
S 2	3 34 38	24°20'24	29°37	20♏43	27°39	3° 7	17°43	2♊57	27♈57	29°46	27♊19	22♋46	23°51	14°33	n.a.	S 2
M 3	3 38 34	25°21'37	11♍26	19°28	28°55	3°52	17°57	2°52	27°55	29°46	27°18	22°44	23°48	14°40	n.a.	M 3
T 4	3 42 31	26°22'49	23°17	18°18	0♐10	4°38	18°11	2°47	27°53	29°47	27°17	22°40	23°45	14°47	n.a.	T 4
W 5	3 46 27	27°24'00	5♎14	17°14	1°25	5°23	18°25	2°42	27°50	29°47	27°16	22°34	23°42	14°53	n.a.	W 5
T 6	3 50 24	28°25'11	17°21	16°19	2°41	6° 9	18°39	2°37	27°48	29°48	27°14	22°26	23°39	15° 0	n.a.	T 6
F 7	3 54 21	29°26'21	29°40	15°32	3°56	6°54	18°53	2°32	27°46	29°48	27°13	22°16	23°36	15° 7	n.a.	F 7
S 8	3 58 17	0♐27'30	12♏14	14°54	5°11	7°40	19° 6	2°27	27°44	29°48	27°12	22° 6	23°32	15°13	n.a.	S 8
S 9	4 2 14	1°28'38	25° 3	14°25	6°26	8°26	19°20	2°22	27°42	29°49	27°11	21°56	23°29	15°20	n.a.	S 9
M10	4 6 10	2°29'46	8♐ 6	14° 6	7°42	9°11	19°34	2°17	27°40	29°49	27° 9	21°48	23°26	15°27	n.a.	M10
T 11	4 10 7	3°30'52	21°23	13°55	8°57	9°57	19°48	2°12	27°38	29°49	27° 8	21°41	23°23	15°34	n.a.	T 11
W12	4 14 3	4°31'57	4♑51	13°D53	10°12	10°43	20° 2	2° 7	27°36	29°49	27° 7	21°38	23°20	15°40	n.a.	W12
T 13	4 18 0	5°33'01	18°29	13°59	11°27	11°28	20°16	2° 2	27°34	29°50	27° 5	21°D36	23°17	15°47	n.a.	T 13
F 14	4 21 57	6°34'03	2♒16	14°11	12°42	12°14	20°29	1°57	27°33	29°50	27° 4	21°37	23°13	15°54	n.a.	F 14
S 15	4 25 53	7°35'04	16°10	14°31	13°57	13° 0	20°43	1°53	27°31	29°50	27° 3	21°38	23°10	16° 0	n.a.	S 15
S 16	4 29 50	8°36'03	0♓11	14°57	15°13	13°46	20°57	1°48	27°29	29°50	27° 1	21°39	23° 7	16° 7	n.a.	S 16
M17	4 33 46	9°37'01	14°18	15°28	16°28	14°32	21°11	1°43	27°27	29°50	27° 0	21°R39	23° 4	16°14	n.a.	M17
T 18	4 37 43	10°37'57	28°30	16° 4	17°43	15°18	21°24	1°38	27°26	29°R50	26°59	21°38	23° 1	16°20	n.a.	T 18
W19	4 41 39	11°38'51	12♈44	16°45	18°58	16° 4	21°38	1°33	27°24	29°50	26°57	21°35	22°57	16°27	n.a.	W19
T 20	4 45 36	12°39'44	26°58	17°31	20°13	16°49	21°51	1°28	27°22	29°50	26°56	21°30	22°54	16°34	n.a.	T 20
F 21	4 49 32	13°40'35	11♉ 7	18°20	21°28	17°35	22° 5	1°23	27°21	29°50	26°54	21°24	22°51	16°41	n.a.	F 21
S 22	4 53 29	14°41'24	25° 8	19°13	22°43	18°21	22°18	1°19	27°19	29°50	26°53	21°17	22°48	16°47	n.a.	S 22
S 23	4 57 26	15°42'12	8♊56	20° 9	23°58	19° 7	22°32	1°14	27°18	29°50	26°52	21°12	22°45	16°54	n.a.	S 23
M24	5 1 22	16°42'58	22°27	21° 8	25°13	19°53	22°45	1° 9	27°16	29°50	26°50	21° 7	22°42	17° 1	n.a.	M24
T 25	5 5 19	17°43'43	5♋39	22°10	26°28	20°40	22°59	1° 5	27°15	29°49	26°49	21° 4	22°38	17° 7	n.a.	T 25
W26	5 9 15	18°44'27	18°32	23°14	27°43	21°26	23°12	1° 0	27°13	29°49	26°47	21°D 3	22°35	17°14	n.a.	W26
T 27	5 13 12	19°45'08	1♌ 6	24°21	28°58	22°12	23°25	0°55	27°12	29°49	26°46	21° 4	22°32	17°21	n.a.	T 27
F 28	5 17 8	20°45'49	13°23	25°29	0♑13	22°58	23°39	0°51	27°11	29°49	26°44	21° 5	22°29	17°27	n.a.	F 28
S 29	5 21 5	21°46'28	25°27	26°40	1°28	23°44	23°52	0°46	27°10	29°48	26°43	21° 7	22°26	17°34	n.a.	S 29
S 30	5 25 2	22°47'05	7♍23	27°52	2°42	24°30	24° 5	0°42	27° 9	29°48	26°41	21° 9	22°23	17°41	n.a.	S 30
M31	5 28 58	23♐47'41	19♍14	29♏ 7	3♑57	25♏16	24♏18	0♊38	27♈ 7	29♌47	26♊40	21°R10	22♋19	17♍48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18s59	17n53	2n10	16s 1	2n44	20s12	0s28	12s32	0n 0	17s 6	0n18	20n22	0s50	10n38	0s21	13n30	1n50	32n50	8n56	21n58	21n46	9n54		n.a.	
S 2	19 14	14 42	3 4	15 28	2 56	20 32	0 31	12 48	0s 0	17 10	0 18	20 21	0 50	10 38	0 21	13 30	1 50	32 50	8 57	21 58	21 46	9 52		n.a.	
M 3	19 29	10 57	3 50	14 57	3 7	20 51	0 33	13 5	0 1	17 14	0 18	20 20	0 50	10 37	0 21	13 30	1 50	32 50	8 57	21 58	21 47	9 50		n.a.	
T 4	19 44	6 47	4 27	14 30	3 15	21 10	0 35	13 21	0 2	17 18	0 18	20 20	0 50	10 36	0 21	13 30	1 50	32 51	8 57	21 58	21 47	9 47		n.a.	
W 5	19 59	2 20	4 52	14 7	3 21	21 28	0 37	13 37	0 3	17 22	0 18	20 19	0 50	10 35	0 21	13 29	1 50	32 51	8 57	21 59	21 48	9 45		n.a.	
T 6	20 13	2s16	5 4	13 48	3 24	21 45	0 39	13 53	0 3	17 26	0 18	20 18	0 50	10 35	0 21	13 29	1 50	32 51	8 58	22 1	21 48	9 43		n.a.	
F 7	20 26	6 52	5 3	13 33	3 26	22 2	0 41	14 9	0 4	17 30	0 18	20 17	0 49	10 34	0 21	13 29	1 50	32 51	8 58	22 3	21 49	9 41		n.a.	
S 8	20 39	11 16	4 47	13 22	3 25	22 19	0 43	14 25	0 5	17 34	0 18	20 16	0 49	10 33	0 21	13 29	1 51	32 51	8 58	22 4	21 49	9 39		n.a.	
S 9	20 52	15 16	4 17	13 16	3 23	22 34	0 45	14 41	0 6	17 38	0 18	20 15	0 49	10 32	0 21	13 29	1 51	32 52	8 58	22 6	21 50	9 37		n.a.	
M10	21 5	18 37	3 32	13 13	3 20	22 49	0 47	14 57	0 6	17 42	0 18	20 14	0 49	10 32	0 21	13 29	1 51	32 52	8 58	22 7	21 51	9 35		n.a.	
T 11	21 17	21 3	2 36	13 15	3 15	23 3	0 49	15 12	0 7	17 46	0 17	20 13	0 49	10 31	0 21	13 29	1 51	32 52	8 59	22 8	21 51	9 32		n.a.	
W12	21 29	22 21	1 29	13 20	3 9	23 17	0 51	15 28	0 8	17 50	0 17	20 12	0 49	10 30	0 21	13 29	1 51	32 52	8 59	22 9	21 52	9 30		n.a.	
T 13	21 40	22 20	0 17	13 28	3 2	23 29	0 53	15 43	0 8	17 54	0 17	20 12	0 49	10 30	0 21	13 29	1 51	32 52	8 59	22 9	21 52	9 28		n.a.	
F 14	21 51	20 59	0s57	13 39	2 55	23 41	0 55	15 58	0 9	17 57	0 17	20 11	0 49	10 29	0 21	13 29	1 51	32 52	8 59	22 9	21 53	9 26		n.a.	
S 15	22 1	18 21	2 9	13 52	2 47	23 53	0 57	16 13	0 10	18 1	0 17	20 10	0 49	10 28	0 21	13 29	1 51	32 52	8 59	22 9	21 53	9 24		n.a.	
S 16	22 11	14 38	3 14	14 8	2 38	24 3	0 59	16 28	0 11	18 5	0 17	20 9	0 48	10 28	0 21	13 29	1 51	32 53	8 59	22 9	21 54	9 22		n.a.	
M17	22 20	10 5	4 7	14 26	2 29	24 13	1 1	16 42	0 11	18 9	0 17	20 8	0 48	10 27	0 21	13 29	1 51	32 53	9 0	22 8	21 54	9 19		n.a.	
T 18	22 30	4 57	4 45	14 45	2 20	24 23	1 2	16 57	0 12	18 13	0 17	20 7	0 48	10 26	0 21	13 29	1 51	32 53	9 0	22 9	21 55	9 17		n.a.	
W19	22 38	0n27	5 6	15 6	2 11	24 31	1 4	17 11	0 13	18 16	0 17	20 6	0 48	10 26	0 21	13 29	1 51	32 53	9 0	22 9	21 56	9 15		n.a.	
T 20	22 46	5 49	5 9	15 28	2 1	24 39	1 6	17 25	0 14	18 20	0 17	20 5	0 48	10 25	0 21	13 29	1 51	32 53	9 0	22 10	21 56	9 13		n.a.	
F 21	22 54	10 51	4 52	15 51	1 52	24 46	1 7	17 39	0 14	18 24	0 16	20 5	0 48	10 25	0 21	13 29	1 51	32 53	9 0	22 11	21 57	9 11		n.a.	
S 22	23 1	15 16	4 18	16 15	1 42	24 52	1 9	17 53	0 15	18 27	0 16	20 4	0 48	10 24	0 21	13 30	1 52	32 53	9 0	22 12	21 57	9 8		n.a.	
S 23	23 8	18 47	3 29	16 39	1 32	24 57	1 10	18 7	0 16	18 31	0 16	20 3	0 48	10 24	0 21	13 30	1 52	32 53	9 0	22 13	21 58	9 6		n.a.	
M24	23 15	21 13	2 30	17 5	1 23	25 2	1 12	18 20	0 17	18 34	0 16	20 2	0 47	10 23	0 21	13 30	1 52	32 53	9 1	22 14	21 58	9 4		n.a.	
T 25	23 21	22 25	1 23	17 30	1 13	25 5	1 13	18 33	0 17	18 38	0 16	20 1	0 47	10 23	0 21	13 30	1 52	32 54	9 1	22 14	21 59	9 2		n.a.	
W26	23 26	22 23	0 14	17 56	1 4	25 8	1 14	18 46	0 18	18 41	0 16	20 0	0 47	10 22	0 21	13 30	1 52	32 54	9 1	22 14	21 59	9 0		n.a.	
T 27	23 31	21 12	0n55	18 22	0 54	25 11	1 16	18 59	0 19	18 45	0 16	19 59	0 47	10 22	0 21	13 30	1 52	32 54	9 1	22 14	22 0	8 57		n.a.	
F 28	23 36	19 2	1 59	18 47	0 45	25 12	1 17	19 12	0 20	18 48	0 16	19 59	0 47	10 21	0 21	13 30	1 52	32 54	9 1	22 14	22 0	8 55		n.a.	
S 29	23 40	16 4	2 57	19 13	0 36	25 13	1 18	19 25	0 20	18 52	0 16	19 58	0 47	10 21	0 21	13 31	1 52	32 54	9 1	22 14	22 1	8 53		n.a.	
S 30	23 43	12 28	3 47	19 39	0 27	25 13	1 19	19 37	0 21	18 55	0 16	19 57	0 47	10 21	0 21	13 31	1 52	32 54	9 1	22 13	22 1	8 51		n.a.	
M31	23s46	8n25	4n27	20s 4	0n18	25s12	1s20	19s49	0s22	18s59	0n16	19n56	0s46	10n20	0s21	13n31	1n52	32n54	9n 1	22n13	22n 2	8n49		n.a.	

Julian Day Number = 990161.5, Delta T = 13h03m26s
Ecliptic obliquity = 23°55'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'31, Lahiri = -31°33'31 Julian Calendar 1 Dec. 2003 BCE == Greg. Calendar 14 Nov. 2003 BCE

The year -2002 astronomical counting style corresponds to year 2003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

JANUARY 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 32 55	24♐48'16	1♎ 6	0♐22	5♑12	26♏ 3	24♏31	0°R33	27°R 6	29°R47	26°R39	21°R10	22♋16	17♍54	n.a.	T 1
W 2	5 36 51	25°48'49	13° 4	1°40	6°27	26°49	24°44	0♊29	27♈ 5	29♌47	26♊37	21♋ 8	22°13	18° 1	n.a.	W 2
T 3	5 40 48	26°49'20	25°12	2°59	7°42	27°35	24°57	0°25	27° 4	29°46	26°36	21° 6	22°10	18° 8	n.a.	T 3
F 4	5 44 44	27°49'50	7♏35	4°19	8°57	28°21	25°10	0°21	27° 4	29°46	26°34	21° 3	22° 7	18°14	n.a.	F 4
S 5	5 48 41	28°50'18	20°15	5°40	10°11	29° 8	25°23	0°17	27° 3	29°45	26°33	20°59	22° 3	18°21	n.a.	S 5
S 6	5 52 37	29°50'45	3♐14	7° 3	11°26	29°54	25°36	0°13	27° 2	29°44	26°31	20°56	22° 0	18°28	n.a.	S 6
M 7	5 56 34	0♑51'10	16°32	8°27	12°41	0♐40	25°49	0° 9	27° 1	29°44	26°30	20°53	21°57	18°34	n.a.	M 7
T 8	6 0 31	1°51'33	0♑10	9°52	13°56	1°27	26° 1	0° 5	27° 0	29°43	26°28	20°51	21°54	18°41	n.a.	T 8
W 9	6 4 27	2°51'55	14° 3	11°19	15°10	2°13	26°14	0° 1	27° 0	29°42	26°27	20°D50	21°51	18°48	n.a.	W 9
T 10	6 8 24	3°52'14	28° 9	12°46	16°25	3° 0	26°27	29♉58	26°59	29°42	26°25	20°50	21°48	18°55	n.a.	T 10
F 11	6 12 20	4°52'31	12♒24	14°15	17°40	3°46	26°39	29°54	26°59	29°41	26°24	20°50	21°44	19° 1	n.a.	F 11
S 12	6 16 17	5°52'46	26°43	15°44	18°54	4°32	26°51	29°51	26°58	29°40	26°23	20°52	21°41	19° 8	n.a.	S 12
S 13	6 20 13	6°52'59	11♓ 3	17°15	20° 9	5°19	27° 4	29°47	26°58	29°39	26°21	20°53	21°38	19°15	n.a.	S 13
M14	6 24 10	7°53'09	25°20	18°47	21°23	6° 5	27°16	29°44	26°57	29°38	26°20	20°54	21°35	19°21	n.a.	M14
T 15	6 28 6	8°53'17	9♈31	20°20	22°38	6°52	27°28	29°40	26°57	29°38	26°18	20°R54	21°32	19°28	n.a.	T 15
W16	6 32 3	9°53'23	23°35	21°54	23°53	7°38	27°40	29°37	26°57	29°37	26°17	20°53	21°29	19°35	n.a.	W16
T 17	6 35 59	10°53'26	7♉30	23°29	25° 7	8°24	27°53	29°34	26°56	29°36	26°15	20°53	21°25	19°41	n.a.	T 17
F 18	6 39 56	11°53'27	21°14	25° 5	26°22	9°11	28° 5	29°31	26°56	29°35	26°14	20°52	21°22	19°48	n.a.	F 18
S 19	6 43 53	12°53'25	4♊46	26°42	27°36	9°57	28°16	29°28	26°56	29°34	26°13	20°51	21°19	19°55	n.a.	S 19
S 20	6 47 49	13°53'22	18° 6	28°20	28°50	10°44	28°28	29°25	26°56	29°33	26°11	20°50	21°16	20° 2	n.a.	S 20
M21	6 51 46	14°53'16	1♋12	29°59	0♒ 5	11°30	28°40	29°23	26°D56	29°32	26°10	20°49	21°13	20° 8	n.a.	M21
T 22	6 55 42	15°53'08	14° 3	1♑40	1°19	12°17	28°52	29°20	26°56	29°31	26° 8	20°49	21° 9	20°15	n.a.	T 22
W23	6 59 39	16°52'58	26°41	3°21	2°34	13° 3	29° 3	29°18	26°56	29°30	26° 7	20°D49	21° 6	20°22	n.a.	W23
T 24	7 3 35	17°52'46	9♌ 6	5° 4	3°48	13°50	29°15	29°15	26°56	29°29	26° 6	20°49	21° 3	20°28	n.a.	T 24
F 25	7 7 32	18°52'31	21°18	6°48	5° 2	14°36	29°26	29°13	26°56	29°28	26° 4	20°49	21° 0	20°35	n.a.	F 25
S 26	7 11 28	19°52'15	3♍21	8°33	6°17	15°23	29°38	29°11	26°57	29°26	26° 3	20°49	20°57	20°42	n.a.	S 26
S 27	7 15 25	20°51'56	15°16	10°19	7°31	16° 9	29°49	29° 8	26°57	29°25	26° 2	20°R49	20°54	20°49	n.a.	S 27
M28	7 19 22	21°51'36	27° 8	12° 6	8°45	16°56	0♐ 0	29° 6	26°57	29°24	26° 1	20°49	20°50	20°55	n.a.	M28
T 29	7 23 18	22°51'13	9♎ 0	13°55	9°59	17°42	0°11	29° 4	26°58	29°23	25°59	20°49	20°47	21° 2	n.a.	T 29
W30	7 27 15	23°50'49	20°58	15°45	11°13	18°29	0°22	29° 3	26°58	29°22	25°58	20°D49	20°44	21° 9	n.a.	W30
T 31	7 31 11	24♑50'23	3♏ 4	17♑36	12♒28	19♐15	0♐33	29♉ 1	26♈59	29♌20	25♊57	20♋49	20♋41	21♍15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s49	4n 3	4n55	20 s29	0n10	25 s10	1 s21	20 s 1	0 s23	19 s 2	0n15	19n56	0 s46	10n20	0 s21	13n31	1n52	32n54	9n 1	22n13	22n 2	8n46			n.a.
W 2	23 51	0 s30	5 11	20 53	0 1	25 8	1 22	20 13	0 23	19 5	0 15	19 55	0 46	10 19	0 21	13 31	1 52	32 54	9 2	22 13	22 3	8 44			n.a.
T 3	23 53	5 6	5 13	21 17	0 s 7	25 4	1 23	20 25	0 24	19 9	0 15	19 54	0 46	10 19	0 21	13 32	1 52	32 54	9 2	22 14	22 4	8 42			n.a.
F 4	23 54	9 35	5 1	21 41	0 15	25 0	1 24	20 36	0 25	19 12	0 15	19 53	0 46	10 19	0 20	13 32	1 52	32 54	9 2	22 14	22 4	8 40			n.a.
S 5	23 55	13 46	4 34	22 3	0 23	24 56	1 24	20 47	0 26	19 15	0 15	19 53	0 46	10 18	0 20	13 32	1 52	32 54	9 2	22 15	22 5	8 37			n.a.
S 6	23 55	17 25	3 53	22 25	0 30	24 50	1 25	20 58	0 26	19 18	0 15	19 52	0 46	10 18	0 20	13 33	1 53	32 54	9 2	22 15	22 5	8 35			n.a.
M 7	23 55	20 17	2 58	22 47	0 38	24 44	1 26	21 9	0 27	19 22	0 15	19 51	0 45	10 18	0 20	13 33	1 53	32 54	9 2	22 16	22 6	8 33			n.a.
T 8	23 55	22 4	1 52	23 7	0 45	24 37	1 26	21 19	0 28	19 25	0 15	19 51	0 45	10 18	0 20	13 33	1 53	32 54	9 2	22 16	22 6	8 31			n.a.
W 9	23 53	22 33	0 37	23 26	0 52	24 29	1 27	21 30	0 29	19 28	0 15	19 50	0 45	10 17	0 20	13 33	1 53	32 54	9 2	22 16	22 7	8 28			n.a.
T 10	23 52	21 36	0 s40	23 45	0 58	24 20	1 27	21 40	0 29	19 31	0 15	19 49	0 45	10 17	0 20	13 34	1 53	32 54	9 2	22 16	22 7	8 26			n.a.
F 11	23 50	19 17	1 56	24 2	1 4	24 11	1 28	21 49	0 30	19 34	0 14	19 49	0 45	10 17	0 20	13 34	1 53	32 54	9 2	22 16	22 8	8 24			n.a.
S 12	23 47	15 45	3 6	24 19	1 11	24 1	1 28	21 59	0 31	19 37	0 14	19 48	0 45	10 17	0 20	13 34	1 53	32 54	9 2	22 16	22 8	8 22			n.a.
S 13	23 44	11 18	4 3	24 34	1 16	23 50	1 28	22 8	0 32	19 40	0 14	19 47	0 44	10 17	0 20	13 35	1 53	32 54	9 2	22 16	22 9	8 19			n.a.
M14	23 41	6 15	4 46	24 48	1 22	23 38	1 28	22 17	0 32	19 43	0 14	19 47	0 44	10 17	0 20	13 35	1 53	32 54	9 2	22 16	22 9	8 17			n.a.
T 15	23 37	0 54	5 10	25 0	1 27	23 26	1 29	22 26	0 33	19 46	0 14	19 46	0 44	10 17	0 20	13 35	1 53	32 54	9 2	22 16	22 10	8 15			n.a.
W16	23 33	4n27	5 16	25 12	1 32	23 13	1 29	22 35	0 34	19 49	0 14	19 46	0 44	10 17	0 20	13 36	1 53	32 54	9 2	22 16	22 10	8 13			n.a.
T 17	23 28	9 31	5 3	25 22	1 36	23 0	1 29	22 43	0 35	19 52	0 14	19 45	0 44	10 16	0 20	13 36	1 53	32 54	9 2	22 16	22 11	8 10			n.a.
F 18	23 23	14 2	4 33	25 30	1 41	22 45	1 29	22 51	0 35	19 54	0 14	19 45	0 44	10 16	0 20	13 37	1 53	32 54	9 2	22 16	22 11	8 8			n.a.
S 19	23 17	17 47	3 48	25 37	1 44	22 30	1 28	22 59	0 36	19 57	0 14	19 44	0 43	10 16	0 20	13 37	1 53	32 54	9 2	22 16	22 12	8 6			n.a.
S 20	23 11	20 32	2 52	25 43	1 48	22 15	1 28	23 7	0 37	20 0	0 14	19 44	0 43	10 16	0 20	13 37	1 53	32 54	9 2	22 16	22 12	8 4			n.a.
M21	23 4	22 8	1 47	25 46	1 51	21 58	1 28	23 14	0 38	20 3	0 14	19 43	0 43	10 16	0 20	13 38	1 53	32 54	9 2	22 16	22 13	8 1			n.a.
T 22	22 57	22 33	0 37	25 49	1 54	21 41	1 28	23 21	0 38	20 5	0 13	19 43	0 43	10 16	0 20	13 38	1 53	32 54	9 2	22 17	22 13	7 59			n.a.
W23	22 50	21 46	0n33	25 49	1 56	21 24	1 27	23 28	0 39	20 8	0 13	19 43	0 43	10 16	0 20	13 39	1 54	32 54	9 2	22 17	22 14	7 57			n.a.
T 24	22 42	19 57	1 40	25 48	1 58	21 6	1 27	23 35	0 40	20 11	0 13	19 42	0 43	10 17	0 20	13 39	1 54	32 54	9 2	22 16	22 14	7 54			n.a.
F 25	22 34	17 14	2 41	25 44	2 0	20 47	1 26	23 41	0 41	20 13	0 13	19 42	0 42	10 17	0 20	13 40	1 54	32 54	9 2	22 16	22 15	7 52			n.a.
S 26	22 25	13 48	3 35	25 39	2 1	20 28	1 26	23 47	0 41	20 16	0 13	19 42	0 42	10 17	0 20	13 40	1 54	32 54	9 2	22 16	22 15	7 50			n.a.
S 27	22 16	9 52	4 18	25 32	2 2	20 8	1 25	23 53	0 42	20 19	0 13	19 41	0 42	10 17	0 20	13 41	1 54	32 54	9 2	22 16	22 16	7 48			n.a.
M28	22 6	5 35	4 51	25 23	2 2	19 47	1 24	23 59	0 43	20 21	0 13	19 41	0 42	10 17	0 20	13 41	1 54	32 54	9 2	22 16	22 16	7 45			n.a.
T 29	21 57	1 6	5 11	25 12	2 2	19 26	1 23	24 4	0 44	20 24	0 13	19 41	0 42	10 17	0 20	13 41	1 54	32 53	9 2	22 16	22 17	7 43			n.a.
W30	21 46	3 s27	5 17	24 58	2 1	19 5	1 22	24 9	0 44	20 26	0 13	19 40	0 42	10 17	0 20	13 42	1 54	32 53	9 2	22 16	22 17	7 41			n.a.
T 31	21 s35	7 s56	5n10	24 s43	2 s 0	18 s43	1 s22	24 s14	0 s45	20 s28	0n13	19n40	0 s41	10n18	0 s20	13n42	1n54	32n53	9n 2	22n16	22n18	7n38			n.a.

Julian Day Number = 990192.5, Delta T = 13h03m24s
Ecliptic obliquity = 23°55'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'27, Lahiri = -31°33'26 Julian Calendar 1 Jan. 2002 BCE == Greg. Calendar 15 Dec. 2003 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

FEBRUARY 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 35 8	25♉49'55	15♏25	19♉28	13♒42	20♐ 2	0♐44	28°R59	26♈59	29°R19	25°R55	20♋49	20♋38	21♍22	n.a.	F 1
S 2	7 39 4	26°49'24	28° 4	21°21	14°56	20°48	0°55	28♉58	27° 0	29♌18	25♊54	20°50	20°35	21°29	n.a.	S 2
S 3	7 43 1	27°48'52	11♐ 5	23°16	16°10	21°35	1° 5	28°56	27° 0	29°16	25°53	20°51	20°31	21°35	n.a.	S 3
M 4	7 46 57	28°48'18	24°29	25°11	17°24	22°21	1°16	28°55	27° 1	29°15	25°52	20°51	20°28	21°42	n.a.	M 4
T 5	7 50 54	29°47'42	8♉17	27° 8	18°38	23° 8	1°26	28°54	27° 2	29°14	25°51	20°52	20°25	21°49	n.a.	T 5
W 6	7 54 50	0♒47'04	22°28	29° 6	19°52	23°54	1°36	28°53	27° 3	29°12	25°50	20°R52	20°22	21°56	n.a.	W 6
T 7	7 58 47	1°46'24	6♒57	1♒ 5	21° 6	24°41	1°47	28°52	27° 4	29°11	25°48	20°52	20°19	22° 2	n.a.	T 7
F 8	8 2 44	2°45'41	21°39	3° 5	22°20	25°27	1°57	28°51	27° 5	29°10	25°47	20°51	20°15	22° 9	n.a.	F 8
S 9	8 6 40	3°44'56	6♓27	5° 6	23°34	26°14	2° 7	28°50	27° 6	29° 8	25°46	20°49	20°12	22°16	n.a.	S 9
S 10	8 10 37	4°44'09	21°13	7° 7	24°47	27° 0	2°17	28°50	27° 7	29° 7	25°45	20°48	20° 9	22°22	n.a.	S 10
M11	8 14 33	5°43'19	5♈50	9°10	26° 1	27°47	2°26	28°49	27° 8	29° 5	25°44	20°46	20° 6	22°29	n.a.	M11
T 12	8 18 30	6°42'26	20°14	11°12	27°15	28°33	2°36	28°49	27° 9	29° 4	25°43	20°45	20° 3	22°36	n.a.	T 12
W13	8 22 26	7°41'31	4♉21	13°15	28°29	29°20	2°45	28°48	27°10	29° 2	25°42	20°D44	20° 0	22°43	n.a.	W13
T 14	8 26 23	8°40'34	18°10	15°18	29°43	0♉ 6	2°55	28°48	27°11	29° 1	25°41	20°44	19°56	22°49	n.a.	T 14
F 15	8 30 19	9°39'34	1♊40	17°20	0♓56	0°53	3° 4	28°D48	27°13	28°59	25°40	20°45	19°53	22°56	n.a.	F 15
S 16	8 34 16	10°38'32	14°53	19°22	2°10	1°39	3°13	28°48	27°14	28°58	25°39	20°47	19°50	23° 3	n.a.	S 16
S 17	8 38 12	11°37'27	27°50	21°23	3°23	2°25	3°22	28°48	27°15	28°56	25°38	20°48	19°47	23° 9	n.a.	S 17
M18	8 42 9	12°36'20	10♋34	23°23	4°37	3°12	3°31	28°48	27°17	28°55	25°37	20°49	19°44	23°16	n.a.	M18
T 19	8 46 6	13°35'10	23° 5	25°21	5°50	3°58	3°40	28°49	27°18	28°53	25°36	20°R49	19°41	23°23	n.a.	T 19
W20	8 50 2	14°33'58	5♌26	27°17	7° 4	4°44	3°49	28°49	27°20	28°51	25°35	20°49	19°37	23°30	n.a.	W20
T 21	8 53 59	15°32'44	17°37	29°11	8°17	5°31	3°57	28°50	27°21	28°50	25°34	20°47	19°34	23°36	n.a.	T 21
F 22	8 57 55	16°31'28	29°41	1♓ 3	9°31	6°17	4° 6	28°50	27°23	28°48	25°34	20°43	19°31	23°43	n.a.	F 22
S 23	9 1 52	17°30'10	11♍39	2°51	10°44	7° 3	4°14	28°51	27°25	28°47	25°33	20°39	19°28	23°50	n.a.	S 23
S 24	9 5 48	18°28'49	23°33	4°35	11°57	7°50	4°22	28°52	27°26	28°45	25°32	20°34	19°25	23°56	n.a.	S 24
M25	9 9 45	19°27'27	5♎25	6°17	13°11	8°36	4°30	28°53	27°28	28°44	25°31	20°29	19°21	24° 3	n.a.	M25
T 26	9 13 41	20°26'03	17°18	7°54	14°24	9°22	4°38	28°54	27°30	28°42	25°31	20°25	19°18	24°10	n.a.	T 26
W27	9 17 38	21°24'36	29°15	9°26	15°37	10° 8	4°46	28°55	27°32	28°40	25°30	20°22	19°15	24°16	n.a.	W27
T 28	9 21 34	22♒23'08	11♏20	10♓54	16♓50	10♉55	4♐53	28♉57	27♈34	28♌39	25♊29	20♋20	19♋12	24♍23	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s24	12 s11	4n49	24 s25	1 s58	18 s20	1 s21	24 s18	0 s46	20 s31	0n13	19n40	0 s41	10n18	0 s20	13n43	1n54	32n53	9n 2	22n16	22n18	7n36		n.a.
S 2	21 13	16 2	4 13	24 5	1 56	17 57	1 19	24 22	0 47	20 33	0 12	19 40	0 41	10 18	0 20	13 43	1 54	32 53	9 2	22 16	22 19	7 34		n.a.
S 3	21 1	19 12	3 23	23 43	1 53	17 33	1 18	24 26	0 47	20 35	0 12	19 40	0 41	10 18	0 20	13 44	1 54	32 53	9 2	22 16	22 19	7 31		n.a.
M 4	20 49	21 27	2 21	23 19	1 49	17 9	1 17	24 30	0 48	20 38	0 12	19 40	0 41	10 19	0 20	13 45	1 54	32 53	9 2	22 16	22 20	7 29		n.a.
T 5	20 36	22 30	1 9	22 52	1 45	16 45	1 16	24 33	0 49	20 40	0 12	19 39	0 41	10 19	0 20	13 45	1 54	32 53	9 2	22 16	22 20	7 27		n.a.
W 6	20 23	22 9	0 s 9	22 24	1 41	16 20	1 15	24 36	0 49	20 42	0 12	19 39	0 40	10 19	0 20	13 46	1 54	32 53	9 2	22 16	22 21	7 24		n.a.
T 7	20 10	20 20	1 28	21 53	1 36	15 54	1 13	24 39	0 50	20 44	0 12	19 39	0 40	10 20	0 20	13 46	1 54	32 53	9 2	22 16	22 21	7 22		n.a.
F 8	19 56	17 8	2 42	21 19	1 30	15 29	1 12	24 41	0 51	20 47	0 12	19 39	0 40	10 20	0 20	13 47	1 54	32 52	9 1	22 16	22 22	7 20		n.a.
S 9	19 42	12 49	3 46	20 44	1 24	15 2	1 10	24 44	0 52	20 49	0 12	19 39	0 40	10 20	0 20	13 47	1 54	32 52	9 1	22 16	22 22	7 17		n.a.
S 10	19 28	7 45	4 35	20 6	1 17	14 36	1 9	24 46	0 52	20 51	0 12	19 39	0 40	10 21	0 19	13 48	1 54	32 52	9 1	22 17	22 23	7 15		n.a.
M11	19 13	2 18	5 5	19 26	1 9	14 9	1 7	24 47	0 53	20 53	0 12	19 39	0 40	10 21	0 19	13 48	1 54	32 52	9 1	22 17	22 23	7 13		n.a.
T 12	18 58	3n12	5 16	18 44	1 1	13 42	1 5	24 49	0 54	20 55	0 11	19 39	0 39	10 22	0 19	13 49	1 54	32 52	9 1	22 17	22 24	7 10		n.a.
W13	18 43	8 25	5 7	18 1	0 52	13 14	1 4	24 50	0 54	20 57	0 11	19 40	0 39	10 22	0 19	13 49	1 54	32 52	9 1	22 17	22 24	7 8		n.a.
T 14	18 27	13 6	4 41	17 15	0 43	12 46	1 2	24 51	0 55	20 59	0 11	19 40	0 39	10 23	0 19	13 50	1 54	32 52	9 1	22 17	22 25	7 6		n.a.
F 15	18 11	17 1	3 59	16 29	0 33	12 18	1 0	24 51	0 56	21 1	0 11	19 40	0 39	10 23	0 19	13 51	1 54	32 52	9 1	22 17	22 25	7 3		n.a.
S 16	17 55	19 58	3 6	15 40	0 23	11 49	0 58	24 51	0 56	21 3	0 11	19 40	0 39	10 24	0 19	13 51	1 55	32 51	9 1	22 17	22 25	7 1		n.a.
S 17	17 39	21 51	2 3	14 51	0 12	11 20	0 56	24 51	0 57	21 4	0 11	19 40	0 39	10 24	0 19	13 52	1 55	32 51	9 1	22 17	22 26	6 59		n.a.
M18	17 22	22 34	0 56	14 1	0 1	10 51	0 54	24 51	0 58	21 6	0 11	19 40	0 38	10 25	0 19	13 52	1 55	32 51	9 0	22 16	22 26	6 56		n.a.
T 19	17 5	22 6	0n12	13 10	0n11	10 22	0 52	24 50	0 59	21 8	0 11	19 41	0 38	10 25	0 19	13 53	1 55	32 51	9 0	22 16	22 27	6 54		n.a.
W20	16 48	20 35	1 20	12 19	0 22	9 52	0 50	24 49	0 59	21 10	0 11	19 41	0 38	10 26	0 19	13 53	1 55	32 51	9 0	22 17	22 27	6 52		n.a.
T 21	16 30	18 7	2 22	11 27	0 34	9 22	0 48	24 48	1 0	21 12	0 11	19 41	0 38	10 26	0 19	13 54	1 55	32 51	9 0	22 17	22 28	6 49		n.a.
F 22	16 12	14 53	3 17	10 36	0 46	8 52	0 46	24 47	1 1	21 13	0 10	19 42	0 38	10 27	0 19	13 55	1 55	32 51	9 0	22 17	22 28	6 47		n.a.
S 23	15 54	11 4	4 4	9 45	0 59	8 21	0 43	24 45	1 1	21 15	0 10	19 42	0 38	10 28	0 19	13 55	1 55	32 50	9 0	22 18	22 29	6 45		n.a.
S 24	15 36	6 52	4 39	8 56	1 11	7 51	0 41	24 43	1 2	21 17	0 10	19 42	0 37	10 28	0 19	13 56	1 55	32 50	9 0	22 19	22 29	6 42		n.a.
M25	15 17	2 25	5 2	8 7	1 23	7 20	0 39	24 41	1 3	21 18	0 10	19 43	0 37	10 29	0 19	13 56	1 55	32 50	9 0	22 20	22 30	6 40		n.a.
T 26	14 58	2 s 8	5 12	7 19	1 34	6 49	0 36	24 38	1 3	21 20	0 10	19 43	0 37	10 30	0 19	13 57	1 55	32 50	8 59	22 20	22 30	6 37		n.a.
W27	14 39	6 37	5 9	6 33	1 46	6 18	0 34	24 35	1 4	21 21	0 10	19 43	0 37	10 30	0 19	13 58	1 55	32 50	8 59	22 21	22 31	6 35		n.a.
T 28	14 s20	10 s55	4n52	5 s49	1n57	5 s47	0 s32	24 s32	1 s 4	21 s23	0n10	19n44	0 s37	10n31	0 s19	13n58	1n55	32n50	8n59	22n21	22n31	6n33		n.a.

Julian Day Number = 990223.5, Delta T = 13h03m22s
Ecliptic obliquity = 23°55'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'23, Lahiri = -31°33'22 Julian Calendar 1 Feb. 2002 BCE == Greg. Calendar 15 Jan. 2002 BCE

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

MARCH 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 25 31	23♒21'38	23♏38	12♓18	18♓ 3	11♉41	5♐ 1	28♉58	27♈36	28°R37	25°R28	20°D19	19♋ 9	24♍30	n.a.	F 1
S 2	9 29 28	24°20'07	6♐12	13°36	19°16	12°27	5° 8	29° 0	27°38	28♎35	25♊28	20♋20	19° 6	24°37	n.a.	S 2
S 3	9 33 24	25°18'34	19° 8	14°50	20°29	13°13	5°15	29° 1	27°40	28°34	25°27	20°21	19° 2	24°43	n.a.	S 3
M 4	9 37 21	26°16'58	2♉29	15°58	21°42	13°59	5°22	29° 3	27°42	28°32	25°27	20°22	18°59	24°50	n.a.	M 4
T 5	9 41 17	27°15'22	16°17	17° 1	22°55	14°45	5°29	29° 5	27°44	28°31	25°26	20°R23	18°56	24°57	n.a.	T 5
W 6	9 45 14	28°13'43	0♒32	17°58	24° 8	15°31	5°36	29° 7	27°46	28°29	25°26	20°23	18°53	25° 3	n.a.	W 6
T 7	9 49 10	29°12'02	15°11	18°50	25°21	16°17	5°43	29° 9	27°48	28°27	25°25	20°21	18°50	25°10	n.a.	T 7
F 8	9 53 7	0♓10'20	0♓ 9	19°36	26°34	17° 3	5°49	29°11	27°50	28°26	25°25	20°17	18°46	25°17	n.a.	F 8
S 9	9 57 3	1° 8'35	15°18	20°16	27°47	17°49	5°55	29°13	27°53	28°24	25°24	20°12	18°43	25°24	n.a.	S 9
S 10	10 1 0	2° 6'49	0♈27	20°51	29° 0	18°35	6° 1	29°16	27°55	28°22	25°24	20° 6	18°40	25°30	n.a.	S 10
M11	10 4 56	3° 5'00	15°26	21°20	0♈12	19°21	6° 7	29°18	27°57	28°21	25°23	19°59	18°37	25°37	n.a.	M11
T 12	10 8 53	4° 3'09	0♉ 8	21°43	1°25	20° 7	6°13	29°21	28° 0	28°19	25°23	19°54	18°34	25°44	n.a.	T 12
W13	10 12 50	5° 1'17	14°26	22° 0	2°37	20°53	6°19	29°23	28° 2	28°17	25°22	19°51	18°31	25°50	n.a.	W13
T 14	10 16 46	5°59'22	28°20	22°12	3°50	21°39	6°24	29°26	28° 5	28°16	25°22	19°49	18°27	25°57	n.a.	T 14
F 15	10 20 43	6°57'24	11♊48	22°17	5° 2	22°25	6°30	29°29	28° 7	28°14	25°22	19°D49	18°24	26° 4	n.a.	F 15
S 16	10 24 39	7°55'25	24°53	22°R18	6°15	23°10	6°35	29°32	28°10	28°13	25°22	19°50	18°21	26°11	n.a.	S 16
S 17	10 28 36	8°53'24	7♋39	22°13	7°27	23°56	6°40	29°35	28°12	28°11	25°21	19°51	18°18	26°17	n.a.	S 17
M18	10 32 32	9°51'21	20° 8	22° 3	8°40	24°42	6°45	29°38	28°15	28° 9	25°21	19°R51	18°15	26°24	n.a.	M18
T 19	10 36 29	10°49'15	2♌25	21°48	9°52	25°27	6°49	29°41	28°18	28° 8	25°21	19°50	18°12	26°31	n.a.	T 19
W20	10 40 25	11°47'08	14°32	21°29	11° 4	26°13	6°54	29°45	28°20	28° 6	25°21	19°48	18° 8	26°37	n.a.	W20
T 21	10 44 22	12°44'59	26°33	21° 5	12°16	26°59	6°58	29°48	28°23	28° 5	25°21	19°42	18° 5	26°44	n.a.	T 21
F 22	10 48 18	13°42'48	8♍30	20°38	13°28	27°44	7° 2	29°52	28°26	28° 3	25°21	19°35	18° 2	26°51	n.a.	F 22
S 23	10 52 15	14°40'35	20°23	20° 8	14°40	28°30	7° 6	29°55	28°28	28° 2	25°21	19°25	17°59	26°58	n.a.	S 23
S 24	10 56 12	15°38'21	2♎15	19°35	15°52	29°15	7°10	29°59	28°31	28° 0	25°20	19°15	17°56	27° 4	n.a.	S 24
M25	11 0 8	16°36'05	14° 8	19° 0	17° 4	0♒ 0	7°14	0♊ 3	28°34	27°58	25°D20	19° 4	17°52	27°11	n.a.	M25
T 26	11 4 5	17°33'48	26° 3	18°24	18°16	0°46	7°17	0° 7	28°37	27°57	25°20	18°54	17°49	27°18	n.a.	T 26
W27	11 8 1	18°31'29	8♏ 2	17°48	19°28	1°31	7°20	0°11	28°40	27°55	25°20	18°46	17°46	27°24	n.a.	W27
T 28	11 11 58	19°29'09	20° 9	17°11	20°40	2°16	7°23	0°15	28°43	27°54	25°21	18°39	17°43	27°31	n.a.	T 28
F 29	11 15 54	20°26'48	2♐26	16°35	21°51	3° 2	7°26	0°19	28°46	27°52	25°21	18°35	17°40	27°38	n.a.	F 29
S 30	11 19 51	21°24'26	14°59	16° 0	23° 3	3°47	7°29	0°23	28°49	27°51	25°21	18°34	17°37	27°45	n.a.	S 30
S 31	11 23 47	22♓22'02	27♐50	15♓27	24♈15	4♒32	7♐32	0♊27	28♈52	27♌49	25♊21	18°D34	17♋33	27♍51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s 0	14s50	4n21	5s 7	2n 8	5s15	0s29	24s29	1s 5	21s24	0n10	19n44	0s37	10n32	0s19	13n59	1n55	32n49	8n59	22n21	22n32	6n30		n.a.
S 2	13 41	18 12	3 38	4 27	2 18	4 44	0 26	24 25	1 6	21 26	0 10	19 45	0 36	10 33	0 19	13 59	1 55	32 49	8 59	22 21	22 32	6 28		n.a.
S 3	13 21	20 47	2 42	3 50	2 27	4 12	0 24	24 21	1 6	21 27	0 10	19 45	0 36	10 33	0 19	14 0	1 55	32 49	8 59	22 21	22 32	6 26		n.a.
M 4	13 1	22 18	1 36	3 15	2 36	3 41	0 21	24 17	1 7	21 29	0 9	19 46	0 36	10 34	0 19	14 1	1 55	32 49	8 59	22 21	22 33	6 23		n.a.
T 5	12 40	22 32	0 22	2 43	2 44	3 9	0 19	24 12	1 8	21 30	0 9	19 47	0 36	10 35	0 19	14 1	1 55	32 49	8 58	22 20	22 33	6 21		n.a.
W 6	12 20	21 20	0s55	2 13	2 52	2 37	0 16	24 8	1 8	21 31	0 9	19 47	0 36	10 36	0 19	14 2	1 55	32 49	8 58	22 20	22 34	6 18		n.a.
T 7	11 59	18 41	2 11	1 47	2 58	2 5	0 13	24 3	1 9	21 33	0 9	19 48	0 36	10 37	0 19	14 2	1 55	32 48	8 58	22 21	22 34	6 16		n.a.
F 8	11 38	14 44	3 19	1 23	3 4	1 33	0 11	23 57	1 9	21 34	0 9	19 48	0 35	10 37	0 19	14 3	1 55	32 48	8 58	22 21	22 35	6 14		n.a.
S 9	11 17	9 48	4 14	1 3	3 8	1 1	0 8	23 52	1 10	21 35	0 9	19 49	0 35	10 38	0 19	14 3	1 55	32 48	8 58	22 22	22 35	6 11		n.a.
S 10	10 56	4 15	4 51	0 46	3 12	0 29	0 5	23 46	1 11	21 36	0 9	19 50	0 35	10 39	0 19	14 4	1 55	32 48	8 58	22 23	22 36	6 9		n.a.
M11	10 35	1n28	5 8	0 32	3 15	0n 3	0 2	23 40	1 11	21 37	0 9	19 50	0 35	10 40	0 19	14 5	1 55	32 48	8 58	22 24	22 36	6 6		n.a.
T 12	10 13	7 0	5 4	0 22	3 16	0 35	0n 1	23 34	1 12	21 39	0 9	19 51	0 35	10 41	0 19	14 5	1 55	32 47	8 57	22 25	22 36	6 4		n.a.
W13	9 52	12 1	4 41	0 15	3 16	1 7	0 3	23 27	1 12	21 40	0 8	19 52	0 35	10 42	0 19	14 6	1 55	32 47	8 57	22 25	22 37	6 2		n.a.
T 14	9 30	16 15	4 2	0 11	3 15	1 39	0 6	23 21	1 13	21 41	0 8	19 53	0 34	10 43	0 19	14 6	1 55	32 47	8 57	22 26	22 37	5 59		n.a.
F 15	9 8	19 30	3 11	0 11	3 13	2 11	0 9	23 14	1 14	21 42	0 8	19 53	0 34	10 44	0 19	14 7	1 55	32 47	8 57	22 26	22 38	5 57		n.a.
S 16	8 46	21 39	2 11	0 14	3 9	2 43	0 12	23 6	1 14	21 43	0 8	19 54	0 34	10 45	0 19	14 8	1 55	32 47	8 57	22 26	22 38	5 54		n.a.
S 17	8 24	22 37	1 5	0 20	3 4	3 15	0 15	22 59	1 15	21 44	0 8	19 55	0 34	10 46	0 19	14 8	1 55	32 47	8 57	22 25	22 39	5 52		n.a.
M18	8 2	22 24	0n 1	0 30	2 58	3 47	0 18	22 51	1 15	21 45	0 8	19 56	0 34	10 47	0 19	14 9	1 55	32 46	8 56	22 25	22 39	5 50		n.a.
T 19	7 39	21 6	1 7	0 43	2 50	4 18	0 21	22 43	1 16	21 46	0 8	19 57	0 34	10 48	0 19	14 9	1 55	32 46	8 56	22 25	22 40	5 47		n.a.
W20	7 17	18 51	2 9	0 59	2 41	4 50	0 24	22 35	1 16	21 46	0 8	19 58	0 33	10 49	0 19	14 10	1 55	32 46	8 56	22 26	22 40	5 45		n.a.
T 21	6 54	15 47	3 4	1 18	2 31	5 21	0 27	22 26	1 17	21 47	0 8	19 59	0 33	10 50	0 19	14 10	1 55	32 46	8 56	22 27	22 40	5 42		n.a.
F 22	6 32	12 6	3 50	1 39	2 20	5 53	0 30	22 18	1 17	21 48	0 7	19 59	0 33	10 51	0 19	14 11	1 55	32 46	8 56	22 28	22 41	5 40		n.a.
S 23	6 9	7 57	4 27	2 2	2 7	6 24	0 33	22 9	1 18	21 49	0 7	20 0	0 33	10 52	0 19	14 11	1 55	32 46	8 55	22 29	22 41	5 37		n.a.
S 24	5 46	3 31	4 51	2 28	1 54	6 55	0 36	22 0	1 18	21 50	0 7	20 1	0 33	10 53	0 19	14 12	1 55	32 45	8 55	22 31	22 42	5 35		n.a.
M25	5 23	1s 2	5 3	2 55	1 40	7 26	0 39	21 50	1 19	21 50	0 7	20 2	0 33	10 54	0 18	14 12	1 55	32 45	8 55	22 32	22 42	5 33		n.a.
T 26	5 1	5 35	5 2	3 23	1 24	7 56	0 42	21 41	1 19	21 51	0 7	20 3	0 33	10 55	0 18	14 13	1 55	32 45	8 55	22 34	22 43	5 30		n.a.
W27	4 38	9 57	4 47	3 52	1 9	8 27	0 44	21 31	1 20	21 52	0 7	20 4	0 32	10 56	0 18	14 14	1 55	32 45	8 55	22 35	22 43	5 28		n.a.
T 28	4 15	13 58	4 20	4 22	0 52	8 57	0 47	21 21	1 20	21 52	0 7	20 5	0 32	10 57	0 18	14 14	1 55	32 45	8 55	22 36	22 43	5 25		n.a.
F 29	3 52	17 28	3 40	4 51	0 36	9 27	0 50	21 11	1 21	21 53	0 7	20 6	0 32	10 58	0 18	14 15	1 55	32 44	8 54	22 36	22 44	5 23		n.a.
S 30	3 28	20 15	2 49	5 20	0 19	9 57	0 53	21 1	1 21	21 54	0 6	20 7	0 32	10 59	0 18	14 15	1 55	32 44	8 54	22 36	22 44	5 20		n.a.
S 31	3s 5	22s 6	1n48	5s49	0n 2	10n27	0n56	20s50	1s22	21s54	0n 6	20n 8	0s32	11n 0	0s18	14n16	1n55	32n44	8n54	22n36	22n45	5n18		n.a.

Julian Day Number = 990251.5, Delta T = 13h03m20s
Ecliptic obliquity = 23°55'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'19, Lahiri = -31°33'18 Julian Calendar 1 March 2002 BCE == Greg. Calendar 12 Feb. 2002 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

APRIL 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 27 44	23♓19'37	11♉ 4	14°R56	25♈26	5♒17	7♐34	0♊32	28♈55	27°R48	25♊21	18♋34	17♋30	27♍58	n.a.	M 1
T 2	11 31 41	24°17'12	24°45	14♓28	26°38	6° 2	7°36	0°36	28°58	27♎47	25°21	18°R34	17°27	28° 5	n.a.	T 2
W 3	11 35 37	25°14'45	8♒54	14° 4	27°49	6°47	7°38	0°41	29° 1	27°45	25°22	18°33	17°24	28°11	n.a.	W 3
T 4	11 39 34	26°12'16	23°30	13°43	29° 0	7°32	7°40	0°46	29° 4	27°44	25°22	18°29	17°21	28°18	n.a.	T 4
F 5	11 43 30	27° 9'47	8♓28	13°25	0♉12	8°17	7°42	0°50	29° 7	27°42	25°22	18°23	17°17	28°25	n.a.	F 5
S 6	11 47 27	28° 7'16	23°42	13°12	1°23	9° 2	7°43	0°55	29°10	27°41	25°22	18°14	17°14	28°32	n.a.	S 6
S 7	11 51 23	29° 4'45	9♈ 1	13° 3	2°34	9°47	7°44	1° 0	29°14	27°40	25°23	18° 4	17°11	28°38	n.a.	S 7
M 8	11 55 20	0♈ 2'11	24°13	12°D59	3°45	10°32	7°45	1° 5	29°17	27°38	25°23	17°54	17° 8	28°45	n.a.	M 8
T 9	11 59 16	0°59'37	9♉ 9	12°59	4°56	11°16	7°46	1°10	29°20	27°37	25°24	17°45	17° 5	28°52	n.a.	T 9
W10	12 3 13	1°57'01	23°39	13° 4	6° 7	12° 1	7°47	1°15	29°23	27°36	25°24	17°39	17° 2	28°58	n.a.	W10
T 11	12 7 9	2°54'24	7♊42	13°13	7°18	12°46	7°47	1°20	29°27	27°34	25°24	17°34	16°58	29° 5	n.a.	T 11
F 12	12 11 6	3°51'46	21°15	13°27	8°29	13°30	7°48	1°25	29°30	27°33	25°25	17°32	16°55	29°12	n.a.	F 12
S 13	12 15 3	4°49'06	4♋21	13°45	9°40	14°15	7°R48	1°31	29°33	27°32	25°25	17°D31	16°52	29°19	n.a.	S 13
S 14	12 18 59	5°46'25	17° 4	14° 7	10°50	14°59	7°48	1°36	29°36	27°31	25°26	17°R32	16°49	29°25	n.a.	S 14
M15	12 22 56	6°43'42	29°28	14°34	12° 1	15°44	7°47	1°42	29°40	27°30	25°27	17°31	16°46	29°32	n.a.	M15
T 16	12 26 52	7°40'58	11♌38	15° 5	13°12	16°28	7°47	1°47	29°43	27°28	25°27	17°29	16°43	29°39	n.a.	T 16
W17	12 30 49	8°38'13	23°39	15°40	14°22	17°12	7°46	1°53	29°47	27°27	25°28	17°25	16°39	29°46	n.a.	W17
T 18	12 34 45	9°35'27	5♍34	16°19	15°32	17°56	7°45	1°58	29°50	27°26	25°28	17°18	16°36	29°52	n.a.	T 18
F 19	12 38 42	10°32'40	17°26	17° 2	16°43	18°40	7°44	2° 4	29°53	27°25	25°29	17° 8	16°33	29°59	n.a.	F 19
S 20	12 42 39	11°29'51	29°17	17°49	17°53	19°25	7°43	2°10	29°57	27°24	25°30	16°56	16°30	0♎ 6	n.a.	S 20
S 21	12 46 35	12°27'02	11♎10	18°40	19° 3	20° 9	7°42	2°16	0♉ 0	27°23	25°30	16°42	16°27	0°12	n.a.	S 21
M22	12 50 32	13°24'12	23° 6	19°34	20°13	20°52	7°40	2°22	0° 4	27°22	25°31	16°28	16°23	0°19	n.a.	M22
T 23	12 54 28	14°21'22	5♏ 7	20°32	21°23	21°36	7°38	2°28	0° 7	27°21	25°32	16°16	16°20	0°26	n.a.	T 23
W24	12 58 25	15°18'30	17°13	21°33	22°33	22°20	7°37	2°34	0°11	27°20	25°33	16° 4	16°17	0°33	n.a.	W24
T 25	13 2 21	16°15'39	29°26	22°37	23°43	23° 4	7°34	2°40	0°14	27°19	25°34	15°56	16°14	0°39	n.a.	T 25
F 26	13 6 18	17°12'46	11♐49	23°45	24°52	23°48	7°32	2°46	0°18	27°18	25°35	15°50	16°11	0°46	n.a.	F 26
S 27	13 10 14	18° 9'54	24°25	24°56	26° 2	24°31	7°30	2°52	0°21	27°17	25°35	15°47	16° 8	0°53	n.a.	S 27
S 28	13 14 11	19° 7'01	7♑17	26°11	27°11	25°15	7°27	2°58	0°25	27°16	25°36	15°46	16° 4	0°59	n.a.	S 28
M29	13 18 8	20° 4'08	20°28	27°28	28°21	25°58	7°24	3° 5	0°28	27°15	25°37	15°46	16° 1	1° 6	n.a.	M29
T 30	13 22 4	21♈ 1'14	4♒ 2	28♓49	29♉30	26♒42	7♐21	3♊11	0♉32	27♎15	25♊38	15♋46	15♋58	1♎13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s42	22s47	0n40	6s16	0s14	10n57	0n59	20s39	1s22	21s55	0n 6	20n10	0s32	11n 1	0s18	14n16	1n55	32n44	8n54	22n36	22n45	5n15		n.a.
T 2	2 19	22 9	0s33	6 42	0 31	11 26	1 2	20 28	1 23	21 55	0 6	20 11	0 32	11 2	0 18	14 17	1 55	32 44	8 54	22 36	22 46	5 13		n.a.
W 3	1 56	20 6	1 46	7 7	0 47	11 55	1 5	20 17	1 23	21 56	0 6	20 12	0 31	11 4	0 18	14 17	1 55	32 44	8 54	22 37	22 46	5 11		n.a.
T 4	1 32	16 42	2 54	7 29	1 2	12 23	1 7	20 6	1 23	21 56	0 6	20 13	0 31	11 5	0 18	14 18	1 55	32 43	8 53	22 37	22 46	5 8		n.a.
F 5	1 9	12 8	3 52	7 49	1 17	12 52	1 10	19 55	1 24	21 56	0 6	20 14	0 31	11 6	0 18	14 18	1 55	32 43	8 53	22 38	22 47	5 6		n.a.
S 6	0 46	6 44	4 35	8 7	1 31	13 20	1 13	19 43	1 24	21 57	0 6	20 15	0 31	11 7	0 18	14 18	1 55	32 43	8 53	22 39	22 47	5 3		n.a.
S 7	0 22	0 55	4 58	8 23	1 44	13 47	1 16	19 31	1 25	21 57	0 5	20 16	0 31	11 8	0 18	14 19	1 55	32 43	8 53	22 41	22 48	5 1		n.a.
M 8	0n 1	4n56	5 0	8 36	1 56	14 15	1 18	19 19	1 25	21 57	0 5	20 17	0 31	11 9	0 18	14 19	1 55	32 43	8 53	22 42	22 48	4 58		n.a.
T 9	0 24	10 24	4 41	8 47	2 8	14 42	1 21	19 7	1 26	21 58	0 5	20 19	0 31	11 11	0 18	14 20	1 54	32 43	8 52	22 43	22 48	4 56		n.a.
W10	0 47	15 7	4 5	8 54	2 19	15 9	1 24	18 54	1 26	21 58	0 5	20 20	0 30	11 12	0 18	14 20	1 54	32 42	8 52	22 44	22 49	4 53		n.a.
T 11	1 11	18 50	3 14	9 0	2 28	15 35	1 26	18 42	1 26	21 58	0 5	20 21	0 30	11 13	0 18	14 21	1 54	32 42	8 52	22 45	22 49	4 51		n.a.
F 12	1 34	21 23	2 15	9 2	2 37	16 1	1 29	18 29	1 27	21 58	0 5	20 22	0 30	11 14	0 18	14 21	1 54	32 42	8 52	22 45	22 50	4 48		n.a.
S 13	1 57	22 42	1 9	9 2	2 45	16 26	1 31	18 16	1 27	21 59	0 5	20 24	0 30	11 15	0 18	14 21	1 54	32 42	8 52	22 45	22 50	4 46		n.a.
S 14	2 20	22 46	0 2	9 0	2 51	16 52	1 34	18 3	1 27	21 59	0 4	20 25	0 30	11 17	0 18	14 22	1 54	32 42	8 52	22 45	22 50	4 43		n.a.
M15	2 43	21 42	1n 3	8 55	2 57	17 16	1 36	17 50	1 28	21 59	0 4	20 26	0 30	11 18	0 18	14 22	1 54	32 42	8 51	22 45	22 51	4 41		n.a.
T 16	3 6	19 37	2 4	8 47	3 2	17 41	1 39	17 37	1 28	21 59	0 4	20 27	0 30	11 19	0 18	14 23	1 54	32 42	8 51	22 45	22 51	4 38		n.a.
W17	3 29	16 43	2 59	8 37	3 6	18 4	1 41	17 24	1 28	21 59	0 4	20 29	0 29	11 20	0 18	14 23	1 54	32 41	8 51	22 46	22 52	4 36		n.a.
T 18	3 52	13 8	3 45	8 24	3 9	18 28	1 43	17 10	1 29	21 59	0 4	20 30	0 29	11 21	0 18	14 23	1 54	32 41	8 51	22 47	22 52	4 33		n.a.
F 19	4 15	9 3	4 21	8 9	3 12	18 51	1 45	16 56	1 29	21 59	0 4	20 31	0 29	11 23	0 18	14 24	1 54	32 41	8 51	22 48	22 53	4 31		n.a.
S 20	4 38	4 39	4 46	7 52	3 13	19 13	1 47	16 43	1 29	21 59	0 4	20 32	0 29	11 24	0 18	14 24	1 54	32 41	8 51	22 50	22 53	4 28		n.a.
S 21	5 1	0 3	4 58	7 32	3 14	19 35	1 50	16 29	1 30	21 59	0 3	20 34	0 29	11 25	0 18	14 24	1 54	32 41	8 50	22 51	22 53	4 26		n.a.
M22	5 24	4s34	4 58	7 10	3 13	19 57	1 52	16 15	1 30	21 59	0 3	20 35	0 29	11 26	0 18	14 25	1 54	32 41	8 50	22 53	22 54	4 23		n.a.
T 23	5 46	9 2	4 44	6 46	3 12	20 18	1 54	16 1	1 30	21 58	0 3	20 36	0 29	11 28	0 18	14 25	1 54	32 41	8 50	22 55	22 54	4 21		n.a.
W24	6 9	13 12	4 17	6 20	3 11	20 38	1 55	15 46	1 31	21 58	0 3	20 38	0 29	11 29	0 18	14 25	1 54	32 40	8 50	22 56	22 54	4 18		n.a.
T 25	6 31	16 53	3 38	5 51	3 8	20 58	1 57	15 32	1 31	21 58	0 3	20 39	0 28	11 30	0 18	14 26	1 54	32 40	8 50	22 57	22 55	4 16		n.a.
F 26	6 54	19 52	2 49	5 21	3 5	21 18	1 59	15 17	1 31	21 58	0 3	20 40	0 28	11 31	0 18	14 26	1 54	32 40	8 50	22 58	22 55	4 13		n.a.
S 27	7 16	21 58	1 50	4 48	3 1	21 36	2 1	15 3	1 31	21 58	0 3	20 42	0 28	11 33	0 18	14 26	1 54	32 40	8 49	22 58	22 56	4 11		n.a.
S 28	7 38	22 58	0 45	4 14	2 56	21 55	2 2	14 48	1 32	21 57	0 2	20 43	0 28	11 34	0 18	14 26	1 54	32 40	8 49	22 58	22 56	4 8		n.a.
M29	8 0	22 44	0s25	3 38	2 51	22 12	2 4	14 33	1 32	21 57	0 2	20 44	0 28	11 35	0 18	14 27	1 54	32 40	8 49	22 58	22 56	4 6		n.a.
T 30	8n22	21s10	1s35	3s 0	2s45	22n29	2n 5	14s18	1s32	21s57	0n 2	20n46	0s28	11n37	0s18	14n27	1n54	32n40	8n49	22n58	22n57	4n 3		n.a.

Julian Day Number = 990282.5, Delta T = 13h03m18s
Ecliptic obliquity = 23°55'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'15, Lahiri = -31°33'14 Julian Calendar 1 Apr. 2002 BCE == Greg. Calendar 15 March 2002 BCE

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

MAY 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 26 1	21♈58'20	18♒ 2	0♈13	0♊39	27♒25	7°R18	3♊18	0♉35	27°R14	25♊39	15°R44	15♋55	1♎20	n.a.	W 1
T 2	13 29 57	22°55'26	2♓26	1°40	1°49	28° 9	7♐14	3°24	0°39	27♌13	25°40	15♋40	15°52	1°26	n.a.	T 2
F 3	13 33 54	23°52'32	17°13	3° 9	2°58	28°52	7°11	3°31	0°42	27°12	25°41	15°33	15°49	1°33	n.a.	F 3
S 4	13 37 50	24°49'38	2♈17	4°42	4° 7	29°35	7° 7	3°37	0°46	27°12	25°42	15°25	15°45	1°40	n.a.	S 4
S 5	13 41 47	25°46'43	17°30	6°18	5°15	0♓18	7° 3	3°44	0°50	27°11	25°43	15°14	15°42	1°46	n.a.	S 5
M 6	13 45 43	26°43'48	2♉39	7°57	6°24	1° 1	6°59	3°50	0°53	27°10	25°44	15° 4	15°39	1°53	n.a.	M 6
T 7	13 49 40	27°40'53	17°36	9°38	7°33	1°44	6°55	3°57	0°57	27°10	25°46	14°54	15°36	2° 0	n.a.	T 7
W 8	13 53 37	28°37'58	2♊10	11°23	8°41	2°27	6°50	4° 4	1° 0	27° 9	25°47	14°47	15°33	2° 7	n.a.	W 8
T 9	13 57 33	29°35'02	16°18	13°10	9°50	3°10	6°46	4°11	1° 4	27° 9	25°48	14°42	15°29	2°13	n.a.	T 9
F 10	14 1 30	0♉32'05	29°56	15° 0	10°58	3°53	6°41	4°18	1° 7	27° 8	25°49	14°39	15°26	2°20	n.a.	F 10
S 11	14 5 26	1°29'09	13♋ 7	16°53	12° 6	4°35	6°36	4°24	1°11	27° 7	25°50	14°D38	15°23	2°27	n.a.	S 11
S 12	14 9 23	2°26'12	25°53	18°48	13°15	5°18	6°31	4°31	1°15	27° 7	25°51	14°39	15°20	2°33	n.a.	S 12
M13	14 13 19	3°23'14	8♌18	20°46	14°23	6° 0	6°26	4°38	1°18	27° 7	25°53	14°R39	15°17	2°40	n.a.	M13
T 14	14 17 16	4°20'16	20°28	22°45	15°30	6°43	6°20	4°45	1°22	27° 6	25°54	14°37	15°14	2°47	n.a.	T 14
W15	14 21 13	5°17'18	2♍27	24°47	16°38	7°25	6°15	4°52	1°25	27° 6	25°55	14°34	15°10	2°54	n.a.	W15
T 16	14 25 9	6°14'20	14°20	26°51	17°46	8° 7	6° 9	4°59	1°29	27° 5	25°57	14°28	15° 7	3° 0	n.a.	T 16
F 17	14 29 6	7°11'21	26°11	28°57	18°53	8°49	6° 3	5° 7	1°33	27° 5	25°58	14°20	15° 4	3° 7	n.a.	F 17
S 18	14 33 2	8° 8'23	8♎ 4	1♉ 4	20° 0	9°31	5°58	5°14	1°36	27° 5	25°59	14°10	15° 1	3°14	n.a.	S 18
S 19	14 36 59	9° 5'24	20° 0	3°12	21° 8	10°13	5°52	5°21	1°40	27° 5	26° 1	13°59	14°58	3°21	n.a.	S 19
M20	14 40 55	10° 2'25	2♏ 2	5°21	22°15	10°55	5°45	5°28	1°43	27° 4	26° 2	13°47	14°54	3°27	n.a.	M20
T 21	14 44 52	10°59'27	14°11	7°30	23°22	11°37	5°39	5°35	1°47	27° 4	26° 3	13°36	14°51	3°34	n.a.	T 21
W22	14 48 48	11°56'29	26°28	9°40	24°28	12°19	5°33	5°43	1°50	27° 4	26° 5	13°27	14°48	3°41	n.a.	W22
T 23	14 52 45	12°53'31	8♐54	11°50	25°35	13° 0	5°26	5°50	1°54	27° 4	26° 6	13°20	14°45	3°47	n.a.	T 23
F 24	14 56 42	13°50'34	21°30	13°59	26°41	13°42	5°20	5°57	1°57	27° 4	26° 8	13°15	14°42	3°54	n.a.	F 24
S 25	15 0 38	14°47'37	4♑18	16° 8	27°48	14°23	5°13	6° 5	2° 1	27° 4	26° 9	13°13	14°39	4° 1	n.a.	S 25
S 26	15 4 35	15°44'41	17°19	18°17	28°54	15° 5	5° 6	6°12	2° 4	27° 4	26°11	13°D13	14°35	4° 8	n.a.	S 26
M27	15 8 31	16°41'45	0♒35	20°24	29°59	15°46	4°59	6°20	2° 8	27°D 4	26°12	13°13	14°32	4°14	n.a.	M27
T 28	15 12 28	17°38'50	14°10	22°30	1♋ 5	16°27	4°52	6°27	2°11	27° 4	26°14	13°R14	14°29	4°21	n.a.	T 28
W29	15 16 24	18°35'56	28° 3	24°35	2°11	17° 8	4°45	6°34	2°15	27° 4	26°15	13°14	14°26	4°28	n.a.	W29
T 30	15 20 21	19°33'03	12♓17	26°39	3°16	17°49	4°38	6°42	2°18	27° 4	26°17	13°12	14°23	4°34	n.a.	T 30
F 31	15 24 18	20♉30'10	26♓48	28♉41	4♋22	18♓30	4♐31	6♊49	2♉22	27♌ 4	26♊18	13♋ 8	14♋20	4♎41	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n44	18s18	2s42	2s20	2s39	22n46	2n 7	14s 3	1s32	21s56	0n 2	20n47	0s28	11n38	0s18	14n27	1n54	32n40	8n49	22n59	22n57	4n 1		n.a.
T 2	9 5	14 13	3 40	1 38	2 32	23 2	2 8	13 48	1 33	21 56	0 2	20 49	0 28	11 39	0 18	14 27	1 54	32 39	8 49	22 59	22 58	3 58		n.a.
F 3	9 27	9 12	4 25	0 55	2 24	23 17	2 9	13 33	1 33	21 55	0 2	20 50	0 27	11 40	0 18	14 28	1 54	32 39	8 49	23 0	22 58	3 56		n.a.
S 4	9 48	3 32	4 53	0 10	2 16	23 32	2 11	13 18	1 33	21 55	0 1	20 51	0 27	11 42	0 18	14 28	1 54	32 39	8 48	23 1	22 58	3 53		n.a.
S 5	10 9	2n23	5 1	0n37	2 7	23 46	2 12	13 2	1 33	21 54	0 1	20 53	0 27	11 43	0 18	14 28	1 53	32 39	8 48	23 2	22 59	3 51		n.a.
M 6	10 31	8 9	4 47	1 25	1 58	24 0	2 13	12 47	1 33	21 54	0 1	20 54	0 27	11 44	0 18	14 28	1 53	32 39	8 48	23 3	22 59	3 48		n.a.
T 7	10 51	13 22	4 14	2 14	1 49	24 12	2 14	12 31	1 34	21 53	0 1	20 56	0 27	11 45	0 18	14 28	1 53	32 39	8 48	23 4	22 59	3 46		n.a.
W 8	11 12	17 40	3 25	3 5	1 39	24 24	2 14	12 16	1 34	21 53	0 1	20 57	0 27	11 47	0 18	14 29	1 53	32 39	8 48	23 5	23 0	3 43		n.a.
T 9	11 33	20 49	2 24	3 57	1 29	24 36	2 15	12 0	1 34	21 52	0 1	20 58	0 27	11 48	0 18	14 29	1 53	32 39	8 48	23 6	23 0	3 41		n.a.
F 10	11 53	22 38	1 17	4 50	1 18	24 47	2 16	11 45	1 34	21 51	0 1	21 0	0 27	11 49	0 18	14 29	1 53	32 39	8 48	23 6	23 1	3 38		n.a.
S 11	12 14	23 8	0 8	5 44	1 7	24 57	2 16	11 29	1 34	21 51	0 0	21 1	0 26	11 51	0 18	14 29	1 53	32 39	8 47	23 6	23 1	3 36		n.a.
S 12	12 34	22 22	0n59	6 39	0 56	25 7	2 17	11 13	1 34	21 50	0 0	21 3	0 26	11 52	0 18	14 29	1 53	32 38	8 47	23 6	23 1	3 33		n.a.
M13	12 54	20 31	2 2	7 34	0 45	25 15	2 17	10 57	1 35	21 49	0 0	21 4	0 26	11 53	0 18	14 29	1 53	32 38	8 47	23 6	23 2	3 31		n.a.
T 14	13 13	17 46	2 58	8 30	0 34	25 23	2 17	10 41	1 35	21 48	0s 0	21 5	0 26	11 54	0 18	14 29	1 53	32 38	8 47	23 6	23 2	3 28		n.a.
W15	13 33	14 18	3 45	9 26	0 23	25 31	2 17	10 25	1 35	21 48	0 0	21 7	0 26	11 56	0 18	14 29	1 53	32 38	8 47	23 7	23 2	3 25		n.a.
T 16	13 52	10 18	4 22	10 23	0 12	25 38	2 17	10 9	1 35	21 47	0 0	21 8	0 26	11 57	0 18	14 29	1 53	32 38	8 47	23 7	23 3	3 23		n.a.
F 17	14 11	5 56	4 48	11 19	0 1	25 44	2 17	9 53	1 35	21 46	0 1	21 10	0 26	11 58	0 18	14 30	1 53	32 38	8 47	23 8	23 3	3 20		n.a.
S 18	14 30	1 20	5 1	12 14	0n10	25 49	2 17	9 37	1 35	21 45	0 1	21 11	0 26	12 0	0 18	14 30	1 53	32 38	8 47	23 9	23 4	3 18		n.a.
S 19	14 49	3s21	5 1	13 9	0 21	25 54	2 17	9 21	1 35	21 44	0 1	21 12	0 26	12 1	0 18	14 30	1 53	32 38	8 46	23 10	23 4	3 15		n.a.
M20	15 7	7 56	4 47	14 3	0 31	25 58	2 16	9 5	1 35	21 43	0 1	21 14	0 25	12 2	0 18	14 30	1 53	32 38	8 46	23 12	23 4	3 13		n.a.
T 21	15 26	12 16	4 21	14 56	0 41	26 1	2 16	8 49	1 35	21 42	0 1	21 15	0 25	12 3	0 18	14 30	1 53	32 38	8 46	23 13	23 5	3 10		n.a.
W22	15 44	16 9	3 42	15 47	0 50	26 4	2 15	8 32	1 35	21 41	0 1	21 17	0 25	12 5	0 18	14 30	1 53	32 38	8 46	23 14	23 5	3 8		n.a.
T 23	16 1	19 24	2 52	16 37	0 59	26 5	2 15	8 16	1 35	21 40	0 2	21 18	0 25	12 6	0 18	14 30	1 53	32 38	8 46	23 14	23 5	3 5		n.a.
F 24	16 19	21 46	1 53	17 25	1 7	26 7	2 14	8 0	1 35	21 39	0 2	21 20	0 25	12 7	0 18	14 30	1 52	32 38	8 46	23 15	23 6	3 2		n.a.
S 25	16 36	23 4	0 48	18 12	1 15	26 7	2 13	7 44	1 36	21 38	0 2	21 21	0 25	12 8	0 18	14 30	1 52	32 38	8 46	23 15	23 6	3 0		n.a.
S 26	16 53	23 8	0s22	18 56	1 22	26 7	2 12	7 27	1 36	21 37	0 2	21 22	0 25	12 10	0 18	14 30	1 52	32 38	8 46	23 15	23 6	2 57		n.a.
M27	17 10	21 55	1 32	19 37	1 28	26 6	2 10	7 11	1 36	21 36	0 2	21 24	0 25	12 11	0 18	14 30	1 52	32 38	8 46	23 15	23 7	2 55		n.a.
T 28	17 26	19 26	2 38	20 17	1 34	26 4	2 9	6 55	1 36	21 35	0 3	21 25	0 25	12 12	0 18	14 29	1 52	32 38	8 46	23 15	23 7	2 52		n.a.
W29	17 42	15 46	3 37	20 54	1 39	26 2	2 8	6 38	1 36	21 34	0 3	21 27	0 25	12 13	0 18	14 29	1 52	32 37	8 46	23 15	23 7	2 50		n.a.
T 30	17 58	11 8	4 23	21 28	1 43	25 59	2 6	6 22	1 36	21 32	0 3	21 28	0 24	12 14	0 18	14 29	1 52	32 37	8 45	23 15	23 8	2 47		n.a.
F 31	18n14	5s47	4s54	22n 1	1n47	25n55	2n 4	6s 6	1s36	21s31	0s 3	21n29	0s24	12n16	0s18	14n29	1n52	32n37	8n45	23n16	23n 8	2n44		n.a.

Julian Day Number = 990312.5, Delta T = 13h03m16s
Ecliptic obliquity = 23°55'26, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'11, Lahiri = -31°33'10 Julian Calendar 1 May 2002 BCE == Greg. Calendar 14 Apr. 2002 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

JUNE 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 28 14	21♉27'18	11♈32	0♊42	5♋27	19♓11	4°R23	6♊57	2♉25	27♌ 4	26♊20	13°R 2	14♋16	4♎48	n.a.	S 1
S 2	15 32 11	22°24'28	26°25	2°41	6°32	19°52	4♐16	7° 5	2°29	27° 4	26°22	12♋54	14°13	4°55	n.a.	S 2
M 3	15 36 7	23°21'37	11♉17	4°38	7°36	20°32	4° 8	7°12	2°32	27° 4	26°23	12°47	14°10	5° 1	n.a.	M 3
T 4	15 40 4	24°18'48	25°59	6°34	8°41	21°13	4° 1	7°20	2°35	27° 5	26°25	12°40	14° 7	5° 8	n.a.	T 4
W 5	15 44 0	25°15'59	10♊25	8°28	9°45	21°53	3°53	7°27	2°39	27° 5	26°27	12°35	14° 4	5°15	n.a.	W 5
T 6	15 47 57	26°13'12	24°29	10°20	10°49	22°34	3°46	7°35	2°42	27° 5	26°28	12°31	14° 0	5°22	n.a.	T 6
F 7	15 51 54	27°10'24	8♋ 7	12°10	11°53	23°14	3°38	7°43	2°46	27° 6	26°30	12°D30	13°57	5°28	n.a.	F 7
S 8	15 55 50	28° 7'38	21°19	13°59	12°57	23°54	3°30	7°50	2°49	27° 6	26°32	12°30	13°54	5°35	n.a.	S 8
S 9	15 59 47	29° 4'52	4♌ 8	15°46	14° 0	24°34	3°23	7°58	2°52	27° 7	26°33	12°31	13°51	5°42	n.a.	S 9
M10	16 3 43	0♊ 2'06	16°36	17°31	15° 3	25°14	3°15	8° 6	2°56	27° 7	26°35	12°33	13°48	5°48	n.a.	M10
T 11	16 7 40	0°59'21	28°48	19°14	16° 6	25°54	3° 7	8°13	2°59	27° 7	26°37	12°R33	13°45	5°55	n.a.	T 11
W12	16 11 36	1°56'37	10♍48	20°56	17° 9	26°33	2°59	8°21	3° 2	27° 8	26°39	12°33	13°41	6° 2	n.a.	W12
T 13	16 15 33	2°53'53	22°43	22°36	18°11	27°13	2°52	8°29	3° 5	27° 8	26°40	12°31	13°38	6° 9	n.a.	T 13
F 14	16 19 29	3°51'10	4♎35	24°14	19°13	27°52	2°44	8°36	3° 8	27° 9	26°42	12°27	13°35	6°15	n.a.	F 14
S 15	16 23 26	4°48'28	16°30	25°51	20°15	28°32	2°36	8°44	3°12	27°10	26°44	12°22	13°32	6°22	n.a.	S 15
S 16	16 27 23	5°45'47	28°30	27°25	21°17	29°11	2°28	8°52	3°15	27°10	26°46	12°16	13°29	6°29	n.a.	S 16
M17	16 31 19	6°43'07	10♏39	28°58	22°18	29°50	2°21	8°59	3°18	27°11	26°47	12°10	13°26	6°36	n.a.	M17
T 18	16 35 16	7°40'27	22°58	0♋29	23°19	0♈29	2°13	9° 7	3°21	27°12	26°49	12° 4	13°22	6°42	n.a.	T 18
W19	16 39 12	8°37'49	5♐28	1°59	24°19	1° 8	2° 5	9°15	3°24	27°12	26°51	11°59	13°19	6°49	n.a.	W19
T 20	16 43 9	9°35'12	18°11	3°27	25°19	1°47	1°58	9°23	3°27	27°13	26°53	11°55	13°16	6°56	n.a.	T 20
F 21	16 47 5	10°32'37	1♑ 6	4°52	26°19	2°25	1°50	9°30	3°30	27°14	26°55	11°53	13°13	7° 2	n.a.	F 21
S 22	16 51 2	11°30'02	14°13	6°17	27°19	3° 4	1°42	9°38	3°33	27°15	26°57	11°D53	13°10	7° 9	n.a.	S 22
S 23	16 54 59	12°27'29	27°33	7°39	28°18	3°42	1°35	9°46	3°36	27°16	26°58	11°54	13° 6	7°16	n.a.	S 23
M24	16 58 55	13°24'58	11♒ 5	8°59	29°17	4°21	1°27	9°53	3°39	27°17	27° 0	11°55	13° 3	7°23	n.a.	M24
T 25	17 2 52	14°22'28	24°50	10°17	0♌16	4°59	1°20	10° 1	3°42	27°17	27° 2	11°57	13° 0	7°29	n.a.	T 25
W26	17 6 48	15°20'00	8♓47	11°34	1°14	5°37	1°13	10° 9	3°45	27°18	27° 4	11°R58	12°57	7°36	n.a.	W26
T 27	17 10 45	16°17'33	22°55	12°48	2°11	6°15	1° 5	10°17	3°48	27°19	27° 6	11°58	12°54	7°43	n.a.	T 27
F 28	17 14 41	17°15'08	7♈13	14° 0	3° 9	6°52	0°58	10°24	3°51	27°20	27° 8	11°56	12°51	7°49	n.a.	F 28
S 29	17 18 38	18°12'45	21°38	15°11	4° 5	7°30	0°51	10°32	3°54	27°21	27°10	11°54	12°47	7°56	n.a.	S 29
S 30	17 22 34	19♊10'24	6♉ 6	16♋18	5♌ 2	8♈ 8	0♐44	10♊40	3♉56	27♌22	27♊11	11♋52	12♋44	8♎ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n29	0s 2	5s 6	22n30	1n50	25n51	2n 2	5s49	1s36	21s30	0s 3	21n31	0s24	12n17	0s18	14n29	1n52	32n37	8n45	23n16	23n 8	2n42		n.a.
S 2	18 45	5n46	4 58	22 57	1 52	25 46	2 0	5 33	1 35	21 29	0 3	21 32	0 24	12 18	0 18	14 29	1 52	32 37	8 45	23 17	23 9	2 39		n.a.
M 3	18 59	11 15	4 30	23 22	1 54	25 40	1 58	5 17	1 35	21 28	0 4	21 33	0 24	12 19	0 18	14 29	1 52	32 37	8 45	23 18	23 9	2 37		n.a.
T 4	19 14	16 1	3 44	23 44	1 55	25 34	1 56	5 0	1 35	21 26	0 4	21 35	0 24	12 20	0 18	14 29	1 52	32 37	8 45	23 18	23 10	2 34		n.a.
W 5	19 28	19 45	2 44	24 4	1 56	25 27	1 54	4 44	1 35	21 25	0 4	21 36	0 24	12 22	0 18	14 29	1 52	32 37	8 45	23 19	23 10	2 32		n.a.
T 6	19 42	22 13	1 36	24 21	1 55	25 19	1 51	4 28	1 35	21 24	0 4	21 38	0 24	12 23	0 18	14 28	1 52	32 37	8 45	23 19	23 10	2 29		n.a.
F 7	19 55	23 17	0 24	24 36	1 55	25 11	1 49	4 11	1 35	21 22	0 4	21 39	0 24	12 24	0 18	14 28	1 52	32 37	8 45	23 19	23 11	2 26		n.a.
S 8	20 9	22 59	0n48	24 49	1 53	25 2	1 46	3 55	1 35	21 21	0 4	21 40	0 24	12 25	0 18	14 28	1 52	32 37	8 45	23 19	23 11	2 24		n.a.
S 9	20 21	21 28	1 54	25 0	1 51	24 53	1 43	3 39	1 35	21 20	0 5	21 42	0 23	12 26	0 18	14 28	1 52	32 37	8 45	23 19	23 11	2 21		n.a.
M10	20 34	18 56	2 54	25 8	1 49	24 42	1 40	3 23	1 35	21 18	0 5	21 43	0 23	12 27	0 18	14 28	1 52	32 37	8 45	23 19	23 12	2 19		n.a.
T 11	20 46	15 37	3 44	25 14	1 46	24 32	1 37	3 6	1 35	21 17	0 5	21 44	0 23	12 29	0 18	14 27	1 51	32 37	8 45	23 19	23 12	2 16		n.a.
W12	20 58	11 43	4 24	25 19	1 43	24 21	1 33	2 50	1 35	21 16	0 5	21 46	0 23	12 30	0 18	14 27	1 51	32 37	8 45	23 19	23 12	2 13		n.a.
T 13	21 10	7 24	4 52	25 21	1 39	24 9	1 30	2 34	1 35	21 14	0 5	21 47	0 23	12 31	0 18	14 27	1 51	32 37	8 45	23 19	23 13	2 11		n.a.
F 14	21 21	2 50	5 7	25 22	1 34	23 56	1 26	2 18	1 34	21 13	0 5	21 48	0 23	12 32	0 18	14 27	1 51	32 37	8 45	23 20	23 13	2 8		n.a.
S 15	21 32	1s52	5 9	25 21	1 29	23 43	1 23	2 2	1 34	21 12	0 6	21 50	0 23	12 33	0 18	14 26	1 51	32 37	8 45	23 20	23 13	2 6		n.a.
S 16	21 42	6 32	4 58	25 18	1 24	23 30	1 19	1 46	1 34	21 10	0 6	21 51	0 23	12 34	0 18	14 26	1 51	32 38	8 45	23 21	23 14	2 3		n.a.
M17	21 52	11 0	4 33	25 14	1 18	23 16	1 15	1 30	1 34	21 9	0 6	21 52	0 23	12 35	0 18	14 26	1 51	32 38	8 45	23 21	23 14	2 0		n.a.
T 18	22 2	15 6	3 55	25 8	1 12	23 1	1 11	1 14	1 34	21 7	0 6	21 54	0 23	12 36	0 18	14 26	1 51	32 38	8 45	23 22	23 14	1 58		n.a.
W19	22 11	18 36	3 6	25 0	1 6	22 46	1 6	0 58	1 34	21 6	0 6	21 55	0 23	12 37	0 18	14 25	1 51	32 38	8 45	23 22	23 15	1 55		n.a.
T 20	22 20	21 18	2 6	24 51	0 59	22 31	1 2	0 42	1 33	21 5	0 6	21 56	0 22	12 39	0 18	14 25	1 51	32 38	8 45	23 23	23 15	1 53		n.a.
F 21	22 29	22 56	0 59	24 41	0 51	22 15	0 57	0 26	1 33	21 3	0 7	21 57	0 22	12 40	0 18	14 25	1 51	32 38	8 45	23 23	23 15	1 50		n.a.
S 22	22 37	23 22	0s13	24 30	0 44	21 58	0 52	0 10	1 33	21 2	0 7	21 59	0 22	12 41	0 18	14 24	1 51	32 38	8 45	23 23	23 15	1 47		n.a.
S 23	22 45	22 27	1 25	24 18	0 36	21 41	0 47	0n 5	1 33	21 0	0 7	22 0	0 22	12 42	0 18	14 24	1 51	32 38	8 45	23 23	23 16	1 45		n.a.
M24	22 52	20 15	2 33	24 4	0 28	21 24	0 42	0 21	1 33	20 59	0 7	22 1	0 22	12 43	0 18	14 24	1 51	32 38	8 45	23 23	23 16	1 42		n.a.
T 25	22 59	16 51	3 34	23 50	0 19	21 6	0 37	0 37	1 32	20 58	0 7	22 2	0 22	12 44	0 18	14 23	1 51	32 38	8 45	23 22	23 16	1 40		n.a.
W26	23 6	12 29	4 23	23 35	0 10	20 48	0 32	0 52	1 32	20 56	0 7	22 4	0 22	12 45	0 18	14 23	1 51	32 38	8 45	23 22	23 17	1 37		n.a.
T 27	23 12	7 23	4 57	23 18	0 1	20 30	0 26	1 8	1 32	20 55	0 8	22 5	0 22	12 46	0 18	14 22	1 51	32 38	8 45	23 22	23 17	1 34		n.a.
F 28	23 18	1 51	5 13	23 2	0s 9	20 11	0 21	1 23	1 32	20 54	0 8	22 6	0 22	12 47	0 18	14 22	1 51	32 38	8 45	23 22	23 17	1 32		n.a.
S 29	23 23	3n50	5 9	22 44	0 18	19 52	0 15	1 39	1 31	20 52	0 8	22 7	0 22	12 48	0 18	14 22	1 51	32 38	8 45	23 23	23 18	1 29		n.a.
S 30	23n28	9n19	4s46	22n26	0s28	19n32	0n 9	1n54	1s31	20s51	0s 8	22n 8	0s22	12n49	0s18	14n21	1n50	32n38	8n45	23n23	23n18	1n26		n.a.

Julian Day Number = 990343.5, Delta T = 13h03m14s
Ecliptic obliquity = 23°55'26, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'06, Lahiri = -31°33'06 Julian Calendar 1 June 2002 BCE == Greg. Calendar 15 May 2002 BCE

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

JULY 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 26 31	20♊ 8'04	20♉31	17♋24	5♌58	8♈45	0°R37	10♊47	3♉59	27♌24	27♊13	11°R49	12♋41	8♎10	n.a.	M 1
T 2	17 30 28	21° 5'46	4♊49	18°27	6°53	9°22	0♐30	10°55	4° 2	27°25	27°15	11♋46	12°38	8°16	n.a.	T 2
W 3	17 34 24	22° 3'29	18°54	19°27	7°48	9°59	0°24	11° 3	4° 4	27°26	27°17	11°44	12°35	8°23	n.a.	W 3
T 4	17 38 21	23° 1'15	2♋42	20°25	8°43	10°36	0°17	11°10	4° 7	27°27	27°19	11°43	12°32	8°30	n.a.	T 4
F 5	17 42 17	23°59'02	16°10	21°20	9°36	11°13	0°10	11°18	4°10	27°28	27°21	11°D43	12°28	8°37	n.a.	F 5
S 6	17 46 14	24°56'50	29°17	22°12	10°30	11°50	0° 4	11°25	4°12	27°29	27°23	11°43	12°25	8°43	n.a.	S 6
S 7	17 50 10	25°54'40	12♌ 4	23° 0	11°23	12°26	29♏58	11°33	4°15	27°31	27°25	11°44	12°22	8°50	n.a.	S 7
M 8	17 54 7	26°52'31	24°33	23°46	12°15	13° 2	29°52	11°41	4°17	27°32	27°27	11°46	12°19	8°57	n.a.	M 8
T 9	17 58 3	27°50'23	6♍46	24°27	13° 6	13°39	29°46	11°48	4°20	27°33	27°28	11°47	12°16	9° 3	n.a.	T 9
W10	18 2 0	28°48'17	18°48	25° 5	13°57	14°15	29°40	11°56	4°22	27°35	27°30	11°48	12°12	9°10	n.a.	W10
T 11	18 5 57	29°46'13	0♎44	25°39	14°48	14°51	29°34	12° 3	4°25	27°36	27°32	11°R48	12° 9	9°17	n.a.	T 11
F 12	18 9 53	0♋44'10	12°37	26° 9	15°37	15°26	29°28	12°11	4°27	27°37	27°34	11°47	12° 6	9°24	n.a.	F 12
S 13	18 13 50	1°42'08	24°33	26°34	16°26	16° 2	29°23	12°18	4°29	27°39	27°36	11°47	12° 3	9°30	n.a.	S 13
S 14	18 17 46	2°40'08	6♏35	26°55	17°14	16°37	29°17	12°25	4°32	27°40	27°38	11°46	12° 0	9°37	n.a.	S 14
M15	18 21 43	3°38'10	18°48	27°10	18° 1	17°12	29°12	12°33	4°34	27°42	27°40	11°45	11°57	9°44	n.a.	M15
T 16	18 25 39	4°36'14	1♐15	27°21	18°48	17°47	29° 7	12°40	4°36	27°43	27°42	11°44	11°53	9°51	n.a.	T 16
W17	18 29 36	5°34'19	13°57	27°R25	19°33	18°22	29° 2	12°48	4°38	27°45	27°44	11°43	11°50	9°57	n.a.	W17
T 18	18 33 32	6°32'26	26°56	27°24	20°18	18°57	28°58	12°55	4°40	27°46	27°45	11°42	11°47	10° 4	n.a.	T 18
F 19	18 37 29	7°30'34	10♑12	27°17	21° 2	19°32	28°53	13° 2	4°42	27°48	27°47	11°D42	11°44	10°11	n.a.	F 19
S 20	18 41 26	8°28'45	23°44	27° 4	21°45	20° 6	28°49	13° 9	4°44	27°49	27°49	11°42	11°41	10°17	n.a.	S 20
S 21	18 45 22	9°26'58	7♒29	26°44	22°27	20°40	28°44	13°17	4°46	27°51	27°51	11°42	11°38	10°24	n.a.	S 21
M22	18 49 19	10°25'13	21°27	26°18	23° 8	21°14	28°40	13°24	4°48	27°53	27°53	11°43	11°34	10°31	n.a.	M22
T 23	18 53 15	11°23'30	5♓33	25°45	23°48	21°48	28°37	13°31	4°50	27°54	27°55	11°R43	11°31	10°38	n.a.	T 23
W24	18 57 12	12°21'49	19°44	25° 7	24°26	22°22	28°33	13°38	4°52	27°56	27°57	11°43	11°28	10°44	n.a.	W24
T 25	19 1 8	13°20'10	3♈58	24°23	25° 4	22°55	28°29	13°45	4°54	27°58	27°59	11°43	11°25	10°51	n.a.	T 25
F 26	19 5 5	14°18'34	18°12	23°34	25°40	23°28	28°26	13°52	4°56	27°59	28° 0	11°D43	11°22	10°58	n.a.	F 26
S 27	19 9 1	15°17'00	2♉23	22°40	26°16	24° 1	28°23	13°59	4°57	28° 1	28° 2	11°43	11°18	11° 5	n.a.	S 27
S 28	19 12 58	16°15'28	16°30	21°42	26°49	24°34	28°20	14° 6	4°59	28° 3	28° 4	11°43	11°15	11°11	n.a.	S 28
M29	19 16 54	17°13'59	0♊29	20°42	27°22	25° 7	28°17	14°13	5° 1	28° 5	28° 6	11°43	11°12	11°18	n.a.	M29
T 30	19 20 51	18°12'32	14°18	19°41	27°53	25°39	28°14	14°20	5° 2	28° 7	28° 8	11°44	11° 9	11°25	n.a.	T 30
W31	19 24 48	19♋11'08	27♊57	18♋39	28♌23	26♈11	28♏12	14♊27	5♉ 4	28♌ 8	28♊ 9	11♋45	11♋ 6	11♎31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23n33	14n18	4s 5	22n 8	0s38	19n12	0n 3	2n 9	1s31	20s50	0s 8	22n10	0s22	12n50	0s18	14n21	1n50	32n38	8n45	23n23	23n18	1n24			n.a.
T 2	23 37	18 26	3 9	21 49	0 49	18 52	0s 4	2 24	1 30	20 48	0 8	22 11	0 21	12 50	0 18	14 20	1 50	32 39	8 45	23 23	23 19	1 21			n.a.
W 3	23 41	21 25	2 2	21 30	0 59	18 32	0 10	2 39	1 30	20 47	0 9	22 12	0 21	12 51	0 18	14 20	1 50	32 39	8 45	23 24	23 19	1 19			n.a.
T 4	23 44	23 4	0 49	21 11	1 10	18 11	0 17	2 54	1 30	20 46	0 9	22 13	0 21	12 52	0 18	14 19	1 50	32 39	8 45	23 24	23 19	1 16			n.a.
F 5	23 47	23 20	0n25	20 52	1 21	17 50	0 23	3 9	1 29	20 45	0 9	22 14	0 21	12 53	0 18	14 19	1 50	32 39	8 45	23 24	23 20	1 13			n.a.
S 6	23 49	22 16	1 36	20 33	1 32	17 29	0 30	3 24	1 29	20 43	0 9	22 15	0 21	12 54	0 18	14 18	1 50	32 39	8 45	23 24	23 20	1 11			n.a.
S 7	23 52	20 4	2 40	20 14	1 43	17 7	0 37	3 39	1 29	20 42	0 9	22 17	0 21	12 55	0 18	14 18	1 50	32 39	8 45	23 24	23 20	1 8			n.a.
M 8	23 53	16 58	3 35	19 55	1 54	16 45	0 45	3 54	1 28	20 41	0 9	22 18	0 21	12 56	0 18	14 17	1 50	32 39	8 45	23 23	23 20	1 5			n.a.
T 9	23 54	13 12	4 19	19 36	2 5	16 24	0 52	4 8	1 28	20 40	0 10	22 19	0 21	12 57	0 18	14 17	1 50	32 39	8 45	23 23	23 21	1 3			n.a.
W10	23 55	8 58	4 51	19 19	2 17	16 2	1 0	4 23	1 28	20 39	0 10	22 20	0 21	12 57	0 18	14 16	1 50	32 39	8 45	23 23	23 21	1 0			n.a.
T 11	23 55	4 26	5 10	19 1	2 28	15 39	1 7	4 38	1 27	20 37	0 10	22 21	0 21	12 58	0 18	14 16	1 50	32 39	8 46	23 23	23 21	0 58			n.a.
F 12	23 55	0s15	5 16	18 45	2 39	15 17	1 15	4 52	1 27	20 36	0 10	22 22	0 21	12 59	0 18	14 15	1 50	32 40	8 46	23 23	23 22	0 55			n.a.
S 13	23 55	4 56	5 9	18 29	2 50	14 55	1 23	5 6	1 26	20 35	0 10	22 23	0 21	13 0	0 18	14 15	1 50	32 40	8 46	23 23	23 22	0 52			n.a.
S 14	23 54	9 28	4 47	18 15	3 0	14 32	1 31	5 20	1 26	20 34	0 10	22 24	0 20	13 1	0 18	14 14	1 50	32 40	8 46	23 23	23 22	0 50			n.a.
M15	23 52	13 43	4 13	18 2	3 11	14 10	1 40	5 34	1 26	20 33	0 10	22 25	0 20	13 1	0 18	14 14	1 50	32 40	8 46	23 24	23 22	0 47			n.a.
T 16	23 50	17 28	3 26	17 50	3 21	13 47	1 48	5 49	1 25	20 32	0 11	22 26	0 20	13 2	0 18	14 13	1 50	32 40	8 46	23 24	23 23	0 44			n.a.
W17	23 48	20 29	2 28	17 39	3 31	13 24	1 57	6 2	1 25	20 31	0 11	22 27	0 20	13 3	0 18	14 13	1 50	32 40	8 46	23 24	23 23	0 42			n.a.
T 18	23 45	22 32	1 21	17 31	3 40	13 2	2 5	6 16	1 24	20 30	0 11	22 28	0 20	13 4	0 18	14 12	1 50	32 40	8 46	23 24	23 23	0 39			n.a.
F 19	23 42	23 23	0 8	17 24	3 48	12 39	2 14	6 30	1 24	20 30	0 11	22 29	0 20	13 4	0 18	14 11	1 50	32 41	8 46	23 24	23 24	0 36			n.a.
S 20	23 39	22 53	1s 6	17 19	3 55	12 17	2 24	6 44	1 23	20 29	0 11	22 30	0 20	13 5	0 18	14 11	1 50	32 41	8 46	23 24	23 24	0 34			n.a.
S 21	23 35	20 59	2 18	17 17	4 2	11 54	2 33	6 57	1 23	20 28	0 11	22 31	0 20	13 6	0 18	14 10	1 50	32 41	8 47	23 24	23 24	0 31			n.a.
M22	23 30	17 50	3 23	17 16	4 7	11 32	2 42	7 11	1 22	20 27	0 11	22 32	0 20	13 6	0 18	14 10	1 49	32 41	8 47	23 24	23 24	0 28			n.a.
T 23	23 25	13 37	4 16	17 18	4 12	11 10	2 52	7 24	1 22	20 26	0 11	22 33	0 20	13 7	0 18	14 9	1 49	32 41	8 47	23 24	23 25	0 26			n.a.
W24	23 20	8 38	4 54	17 23	4 14	10 48	3 1	7 37	1 21	20 26	0 12	22 34	0 20	13 8	0 18	14 8	1 49	32 41	8 47	23 24	23 25	0 23			n.a.
T 25	23 14	3 11	5 14	17 29	4 15	10 26	3 11	7 50	1 21	20 25	0 12	22 35	0 20	13 8	0 18	14 8	1 49	32 42	8 47	23 24	23 25	0 20			n.a.
F 26	23 8	2n26	5 15	17 38	4 15	10 4	3 21	8 3	1 20	20 24	0 12	22 36	0 20	13 9	0 18	14 7	1 49	32 42	8 47	23 24	23 26	0 18			n.a.
S 27	23 2	7 55	4 57	17 50	4 12	9 43	3 31	8 16	1 20	20 24	0 12	22 37	0 20	13 9	0 18	14 6	1 49	32 42	8 47	23 24	23 26	0 15			n.a.
S 28	22 55	12 57	4 21	18 4	4 8	9 21	3 42	8 29	1 19	20 23	0 12	22 38	0 19	13 10	0 18	14 6	1 49	32 42	8 48	23 24	23 26	0 12			n.a.
M29	22 47	17 15	3 29	18 19	4 1	9 0	3 52	8 42	1 19	20 23	0 12	22 39	0 19	13 10	0 18	14 5	1 49	32 42	8 48	23 24	23 26	0 10			n.a.
T 30	22 39	20 34	2 26	18 37	3 53	8 40	4 2	8 54	1 18	20 22	0 12	22 40	0 19	13 11	0 18	14 4	1 49	32 42	8 48	23 24	23 27	0 7			n.a.
W31	22n31	22n39	1s16	18n56	3s42	8n20	4s13	9n 7	1s18	20s22	0s13	22n41	0s19	13n12	0s18	14n 4	1n49	32n43	8n48	23n24	23n27	0n 4			n.a.

Julian Day Number = 990373.5, Delta T = 13h03m12s
Ecliptic obliquity = 23°55'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°40'02, Lahiri = -31°33'02 Julian Calendar 1 July 2002 BCE == Greg. Calendar 14 June 2002 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

AUGUST 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 28 44	20♋ 9'45	11♋21	17°R39	28♌51	26♈43	28°R10	14♊34	5♉ 5	28♌10	28♊11	11°R45	11♋ 3	11♎38	n.a.	T 1
F 2	19 32 41	21° 8'25	24°31	16♋42	29°18	27°15	28♏ 8	14°40	5° 7	28°12	28°13	11♋45	10°59	11°45	n.a.	F 2
S 3	19 36 37	22° 7'07	7♌26	15°49	29°43	27°46	28° 6	14°47	5° 8	28°14	28°15	11°44	10°56	11°52	n.a.	S 3
S 4	19 40 34	23° 5'51	20° 5	15° 2	0♍ 7	28°18	28° 4	14°54	5° 9	28°16	28°17	11°42	10°53	11°58	n.a.	S 4
M 5	19 44 30	24° 4'37	2♍29	14°22	0°28	28°49	28° 3	15° 0	5°11	28°18	28°18	11°41	10°50	12° 5	n.a.	M 5
T 6	19 48 27	25° 3'25	14°41	13°49	0°48	29°20	28° 1	15° 7	5°12	28°20	28°20	11°39	10°47	12°12	n.a.	T 6
W 7	19 52 23	26° 2'14	26°43	13°25	1° 6	29°50	28° 0	15°13	5°13	28°22	28°22	11°37	10°43	12°19	n.a.	W 7
T 8	19 56 20	27° 1'06	8♎38	13°11	1°23	0♉20	27°59	15°20	5°14	28°24	28°24	11°36	10°40	12°25	n.a.	T 8
F 9	20 0 17	28° 0'00	20°30	13°D 6	1°37	0°50	27°59	15°26	5°15	28°26	28°25	11°35	10°37	12°32	n.a.	F 9
S 10	20 4 13	28°58'55	2♏25	13°11	1°49	1°20	27°58	15°32	5°16	28°28	28°27	11°D35	10°34	12°39	n.a.	S 10
S 11	20 8 10	29°57'53	14°26	13°26	1°59	1°50	27°58	15°39	5°17	28°30	28°29	11°35	10°31	12°45	n.a.	S 11
M12	20 12 6	0♌56'52	26°39	13°51	2° 7	2°19	27°D58	15°45	5°18	28°32	28°30	11°36	10°28	12°52	n.a.	M12
T 13	20 16 3	1°55'54	9♐ 7	14°25	2°13	2°48	27°58	15°51	5°19	28°34	28°32	11°38	10°24	12°59	n.a.	T 13
W14	20 19 59	2°54'57	21°55	15° 8	2°16	3°17	27°58	15°57	5°20	28°36	28°34	11°39	10°21	13° 6	n.a.	W14
T 15	20 23 56	3°54'03	5♑ 4	16° 0	2°R17	3°45	27°59	16° 3	5°21	28°38	28°35	11°R40	10°18	13°12	n.a.	T 15
F 16	20 27 52	4°53'11	18°36	16°59	2°16	4°13	27°59	16° 9	5°21	28°40	28°37	11°40	10°15	13°19	n.a.	F 16
S 17	20 31 49	5°52'20	2♒30	18° 5	2°12	4°41	28° 0	16°15	5°22	28°42	28°38	11°39	10°12	13°26	n.a.	S 17
S 18	20 35 45	6°51'32	16°42	19°18	2° 6	5° 9	28° 1	16°21	5°23	28°44	28°40	11°37	10° 9	13°33	n.a.	S 18
M19	20 39 42	7°50'46	1♓ 9	20°36	1°58	5°36	28° 3	16°27	5°23	28°46	28°41	11°33	10° 5	13°39	n.a.	M19
T 20	20 43 39	8°50'03	15°43	21°59	1°47	6° 3	28° 4	16°32	5°24	28°48	28°43	11°29	10° 2	13°46	n.a.	T 20
W21	20 47 35	9°49'22	0♈19	23°27	1°34	6°30	28° 6	16°38	5°24	28°51	28°45	11°26	9°59	13°53	n.a.	W21
T 22	20 51 32	10°48'43	14°50	24°58	1°18	6°56	28° 8	16°44	5°25	28°53	28°46	11°22	9°56	13°59	n.a.	T 22
F 23	20 55 28	11°48'07	29°11	26°33	1° 0	7°22	28°10	16°49	5°25	28°55	28°48	11°20	9°53	14° 6	n.a.	F 23
S 24	20 59 25	12°47'33	13♉20	28°10	0°40	7°47	28°12	16°55	5°25	28°57	28°49	11°D20	9°49	14°13	n.a.	S 24
S 25	21 3 21	13°47'02	27°15	29°49	0°18	8°13	28°14	17° 0	5°25	28°59	28°50	11°20	9°46	14°20	n.a.	S 25
M26	21 7 18	14°46'33	10♊56	1♌30	29♌53	8°38	28°17	17° 5	5°26	29° 1	28°52	11°22	9°43	14°26	n.a.	M26
T 27	21 11 14	15°46'07	24°22	3°12	29°27	9° 2	28°20	17°10	5°26	29° 4	28°53	11°23	9°40	14°33	n.a.	T 27
W28	21 15 11	16°45'44	7♋35	4°55	28°59	9°26	28°23	17°16	5°26	29° 6	28°55	11°R24	9°37	14°40	n.a.	W28
T 29	21 19 7	17°45'22	20°36	6°39	28°29	9°50	28°26	17°21	5°R26	29° 8	28°56	11°24	9°34	14°46	n.a.	T 29
F 30	21 23 4	18°45'04	3♌25	8°23	27°57	10°14	28°29	17°26	5°26	29°10	28°57	11°22	9°30	14°53	n.a.	F 30
S 31	21 27 1	19♌44'47	16♌ 2	10♌ 8	27♌25	10♉37	28♏33	17♊31	5♉26	29♌12	28♊59	11♋18	9♋27	15♎ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22n22	23n23	0s 2	19n16	3s30	8n 0	4s24	9n19	1s17	20s21	0s13	22n42	0s19	13n12	0s18	14n 3	1n49	32n43	8n48	23n24	23n27	0n 2			n.a.
F 2	22 13	22 48	1n10	19 37	3 16	7 40	4 34	9 31	1 16	20 21	0 13	22 42	0 19	13 13	0 18	14 2	1 49	32 43	8 48	23 24	23 28	0s 1			n.a.
S 3	22 4	21 0	2 17	19 59	3 0	7 21	4 45	9 43	1 16	20 21	0 13	22 43	0 19	13 13	0 18	14 2	1 49	32 43	8 49	23 24	23 28	0 4			n.a.
S 4	21 54	18 11	3 16	20 21	2 43	7 3	4 56	9 55	1 15	20 20	0 13	22 44	0 19	13 13	0 18	14 1	1 49	32 43	8 49	23 24	23 28	0 6			n.a.
M 5	21 44	14 36	4 5	20 43	2 25	6 45	5 7	10 7	1 14	20 20	0 13	22 45	0 19	13 14	0 18	14 0	1 49	32 44	8 49	23 24	23 28	0 9			n.a.
T 6	21 33	10 28	4 42	21 5	2 7	6 27	5 18	10 19	1 14	20 20	0 13	22 46	0 19	13 14	0 18	14 0	1 49	32 44	8 49	23 24	23 29	0 12			n.a.
W 7	21 22	5 59	5 5	21 26	1 48	6 11	5 29	10 30	1 13	20 20	0 13	22 47	0 19	13 15	0 18	13 59	1 49	32 44	8 49	23 24	23 29	0 14			n.a.
T 8	21 11	1 19	5 15	21 47	1 29	5 55	5 40	10 42	1 12	20 20	0 13	22 47	0 19	13 15	0 18	13 58	1 49	32 44	8 49	23 24	23 29	0 17			n.a.
F 9	20 59	3s22	5 12	22 6	1 10	5 39	5 51	10 53	1 12	20 20	0 14	22 48	0 19	13 15	0 18	13 57	1 49	32 44	8 50	23 24	23 29	0 20			n.a.
S 10	20 47	7 57	4 55	22 24	0 52	5 25	6 2	11 4	1 11	20 20	0 14	22 49	0 19	13 16	0 18	13 57	1 49	32 45	8 50	23 24	23 30	0 22			n.a.
S 11	20 34	12 16	4 25	22 40	0 34	5 11	6 14	11 15	1 10	20 20	0 14	22 50	0 18	13 16	0 18	13 56	1 49	32 45	8 50	23 24	23 30	0 25			n.a.
M12	20 21	16 11	3 43	22 55	0 17	4 58	6 24	11 26	1 9	20 20	0 14	22 50	0 18	13 16	0 18	13 55	1 49	32 45	8 50	23 24	23 30	0 28			n.a.
T 13	20 8	19 28	2 50	23 7	0 0	4 45	6 35	11 37	1 9	20 20	0 14	22 51	0 18	13 17	0 18	13 54	1 49	32 45	8 50	23 24	23 30	0 30			n.a.
W14	19 54	21 54	1 47	23 18	0n15	4 34	6 46	11 48	1 8	20 20	0 14	22 52	0 18	13 17	0 18	13 54	1 49	32 46	8 51	23 24	23 31	0 33			n.a.
T 15	19 40	23 13	0 36	23 26	0 29	4 24	6 57	11 58	1 7	20 20	0 14	22 53	0 18	13 17	0 18	13 53	1 49	32 46	8 51	23 24	23 31	0 36			n.a.
F 16	19 26	23 14	0s38	23 31	0 42	4 15	7 7	12 9	1 6	20 21	0 14	22 53	0 18	13 17	0 18	13 52	1 49	32 46	8 51	23 24	23 31	0 38			n.a.
S 17	19 11	21 49	1 52	23 34	0 54	4 7	7 17	12 19	1 6	20 21	0 14	22 54	0 18	13 18	0 18	13 51	1 49	32 46	8 51	23 24	23 31	0 41			n.a.
S 18	18 56	19 0	3 1	23 35	1 5	4 0	7 27	12 29	1 5	20 21	0 15	22 55	0 18	13 18	0 18	13 51	1 49	32 47	8 52	23 24	23 32	0 44			n.a.
M19	18 41	14 59	3 59	23 33	1 15	3 54	7 36	12 39	1 4	20 22	0 15	22 55	0 18	13 18	0 18	13 50	1 49	32 47	8 52	23 25	23 32	0 46			n.a.
T 20	18 25	10 3	4 42	23 28	1 23	3 49	7 45	12 49	1 3	20 22	0 15	22 56	0 18	13 18	0 18	13 49	1 49	32 47	8 52	23 25	23 32	0 49			n.a.
W21	18 9	4 33	5 7	23 20	1 31	3 46	7 54	12 59	1 2	20 23	0 15	22 57	0 18	13 18	0 18	13 48	1 49	32 47	8 52	23 25	23 32	0 52			n.a.
T 22	17 52	1n10	5 12	23 10	1 37	3 44	8 2	13 8	1 1	20 23	0 15	22 57	0 18	13 19	0 18	13 48	1 49	32 48	8 53	23 26	23 33	0 55			n.a.
F 23	17 36	6 46	4 58	22 57	1 42	3 43	8 10	13 18	1 0	20 24	0 15	22 58	0 18	13 19	0 18	13 47	1 49	32 48	8 53	23 26	23 33	0 57			n.a.
S 24	17 19	11 57	4 25	22 41	1 47	3 43	8 17	13 27	0 59	20 24	0 15	22 58	0 18	13 19	0 18	13 46	1 49	32 48	8 53	23 26	23 33	1 0			n.a.
S 25	17 1	16 25	3 38	22 23	1 50	3 45	8 24	13 36	0 58	20 25	0 15	22 59	0 17	13 19	0 18	13 45	1 49	32 48	8 53	23 26	23 33	1 3			n.a.
M26	16 44	19 55	2 39	22 3	1 52	3 48	8 30	13 45	0 58	20 26	0 15	23 0	0 17	13 19	0 18	13 44	1 49	32 49	8 54	23 26	23 34	1 5			n.a.
T 27	16 26	22 17	1 32	21 41	1 54	3 52	8 35	13 54	0 57	20 26	0 15	23 0	0 17	13 19	0 18	13 44	1 49	32 49	8 54	23 25	23 34	1 8			n.a.
W28	16 8	23 21	0 21	21 17	1 55	3 58	8 39	14 3	0 56	20 27	0 16	23 1	0 17	13 19	0 18	13 43	1 49	32 49	8 54	23 25	23 34	1 11			n.a.
T 29	15 49	23 8	0n50	20 51	1 55	4 5	8 43	14 12	0 55	20 28	0 16	23 1	0 17	13 19	0 18	13 42	1 49	32 49	8 54	23 25	23 34	1 13			n.a.
F 30	15 30	21 41	1 57	20 23	1 55	4 13	8 45	14 20	0 54	20 29	0 16	23 2	0 17	13 19	0 18	13 41	1 49	32 50	8 55	23 26	23 35	1 16			n.a.
S 31	15n11	19n 9	2n57	19n53	1n54	4n22	8s47	14n29	0s52	20s30	0s16	23n 2	0s17	13n19	0s18	13n40	1n49	32n50	8n55	23n26	23n35	1s19			n.a.

Julian Day Number = 990404.5, Delta T = 13h03m10s
Ecliptic obliquity = 23°55'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'58, Lahiri = -31°32'58 Julian Calendar 1 Aug. 2002 BCE == Greg. Calendar 15 July 2002 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

SEPTEMBER 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 30 57	20♌44'32	28♌28	11♌52	26°R51	10♉59	28♏37	17♊35	5°R26	29♌15	29♊ 0	11°R12	9♋24	15♎ 7	n.a.	S 1
M 2	21 34 54	21°44'20	10♍44	13°37	26♌16	11°22	28°41	17°40	5♉25	29°17	29° 1	11♋ 5	9°21	15°13	n.a.	M 2
T 3	21 38 50	22°44'09	22°51	15°21	25°40	11°43	28°45	17°45	5°25	29°19	29° 3	10°57	9°18	15°20	n.a.	T 3
W 4	21 42 47	23°44'01	4♎50	17° 5	25° 4	12° 5	28°49	17°49	5°25	29°21	29° 4	10°49	9°15	15°27	n.a.	W 4
T 5	21 46 43	24°43'54	16°43	18°49	24°28	12°26	28°53	17°54	5°25	29°24	29° 5	10°42	9°11	15°34	n.a.	T 5
F 6	21 50 40	25°43'50	28°34	20°32	23°51	12°46	28°58	17°58	5°24	29°26	29° 6	10°36	9° 8	15°40	n.a.	F 6
S 7	21 54 36	26°43'47	10♏26	22°15	23°15	13° 6	29° 3	18° 3	5°24	29°28	29° 7	10°32	9° 5	15°47	n.a.	S 7
S 8	21 58 33	27°43'47	22°24	23°58	22°40	13°26	29° 8	18° 7	5°23	29°30	29° 9	10°D31	9° 2	15°54	n.a.	S 8
M 9	22 2 29	28°43'48	4♐32	25°39	22° 5	13°45	29°13	18°11	5°23	29°33	29°10	10°31	8°59	16° 0	n.a.	M 9
T 10	22 6 26	29°43'51	16°57	27°21	21°31	14° 3	29°18	18°15	5°22	29°35	29°11	10°32	8°55	16° 7	n.a.	T 10
W11	22 10 23	0♑43'55	29°42	29° 2	20°58	14°21	29°24	18°19	5°21	29°37	29°12	10°33	8°52	16°14	n.a.	W11
T 12	22 14 19	1°44'02	12♒51	0♑42	20°26	14°39	29°30	18°23	5°21	29°39	29°13	10°R33	8°49	16°21	n.a.	T 12
F 13	22 18 16	2°44'10	26°28	2°22	19°57	14°56	29°36	18°27	5°20	29°42	29°14	10°32	8°46	16°27	n.a.	F 13
S 14	22 22 12	3°44'21	10♓33	4° 1	19°28	15°13	29°42	18°30	5°19	29°44	29°15	10°29	8°43	16°34	n.a.	S 14
S 15	22 26 9	4°44'33	25° 3	5°40	19° 2	15°29	29°48	18°34	5°18	29°46	29°16	10°23	8°40	16°41	n.a.	S 15
M16	22 30 5	5°44'46	9♈53	7°18	18°38	15°44	29°54	18°37	5°17	29°48	29°17	10°15	8°36	16°48	n.a.	M16
T 17	22 34 2	6°45'02	24°54	8°56	18°16	15°59	0♐ 1	18°41	5°16	29°51	29°18	10° 6	8°33	16°54	n.a.	T 17
W18	22 37 58	7°45'20	9♉57	10°33	17°56	16°14	0° 7	18°44	5°15	29°53	29°19	9°57	8°30	17° 1	n.a.	W18
T 19	22 41 55	8°45'40	24°52	12°10	17°38	16°27	0°14	18°47	5°14	29°55	29°20	9°49	8°27	17° 8	n.a.	T 19
F 20	22 45 51	9°46'02	9♊31	13°46	17°23	16°41	0°21	18°50	5°13	29°57	29°20	9°44	8°24	17°14	n.a.	F 20
S 21	22 49 48	10°46'27	23°51	15°22	17°11	16°53	0°28	18°53	5°12	29°59	29°21	9°40	8°20	17°21	n.a.	S 21
S 22	22 53 45	11°46'53	7♋47	16°57	17° 1	17° 5	0°36	18°56	5°11	0♑ 2	29°22	9°D39	8°17	17°28	n.a.	S 22
M23	22 57 41	12°47'22	21°22	18°33	16°53	17°16	0°43	18°59	5°10	0° 4	29°23	9°39	8°14	17°35	n.a.	M23
T 24	23 1 38	13°47'53	4♌36	20° 7	16°48	17°27	0°51	19° 2	5° 8	0° 6	29°24	9°R39	8°11	17°41	n.a.	T 24
W25	23 5 34	14°48'26	17°33	21°42	16°45	17°37	0°58	19° 4	5° 7	0° 8	29°24	9°39	8° 8	17°48	n.a.	W25
T 26	23 9 31	15°49'01	0♍15	23°16	16°D45	17°47	1° 6	19° 7	5° 6	0°10	29°25	9°37	8° 5	17°55	n.a.	T 26
F 27	23 13 27	16°49'37	12°46	24°49	16°47	17°55	1°14	19° 9	5° 4	0°13	29°26	9°33	8° 1	18° 1	n.a.	F 27
S 28	23 17 24	17°50'16	25° 6	26°22	16°51	18° 3	1°23	19°12	5° 3	0°15	29°26	9°25	7°58	18° 8	n.a.	S 28
S 29	23 21 20	18°50'56	7♎19	27°55	16°58	18°10	1°31	19°14	5° 1	0°17	29°27	9°14	7°55	18°15	n.a.	S 29
M30	23 25 17	19♎51'39	19♎25	29♎28	17♌ 7	18♉17	1♐39	19♊16	5♉ 0	0♑19	29♊27	9♋ 2	7♋52	18♎22	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n52	15n47	3n47	19n22	1n52	4n33	8s48	14n37	0s51	20s31	0s16	23n 3	0s17	13n19	0s18	13n40	1n49	32n50	8n55	23n26	23n35	1s22		n.a.
M 2	14 33	11 47	4 27	18 50	1 50	4 45	8 48	14 45	0 50	20 32	0 16	23 3	0 17	13 19	0 18	13 39	1 49	32 51	8 55	23 27	23 35	1 24		n.a.
T 3	14 13	7 22	4 53	18 16	1 47	4 57	8 47	14 53	0 49	20 33	0 16	23 4	0 17	13 19	0 18	13 38	1 49	32 51	8 56	23 28	23 35	1 27		n.a.
W 4	13 53	2 43	5 7	17 41	1 44	5 11	8 45	15 0	0 48	20 34	0 16	23 4	0 17	13 19	0 18	13 37	1 49	32 51	8 56	23 28	23 36	1 30		n.a.
T 5	13 32	2s 0	5 7	17 5	1 41	5 26	8 42	15 8	0 47	20 35	0 16	23 5	0 17	13 18	0 18	13 36	1 49	32 51	8 56	23 29	23 36	1 32		n.a.
F 6	13 12	6 37	4 53	16 28	1 37	5 41	8 39	15 15	0 46	20 36	0 16	23 5	0 17	13 18	0 18	13 36	1 49	32 52	8 57	23 29	23 36	1 35		n.a.
S 7	12 51	11 1	4 28	15 50	1 33	5 58	8 34	15 23	0 45	20 37	0 16	23 6	0 17	13 18	0 18	13 35	1 49	32 52	8 57	23 30	23 36	1 38		n.a.
S 8	12 30	15 2	3 50	15 11	1 28	6 14	8 28	15 30	0 43	20 38	0 17	23 6	0 17	13 18	0 18	13 34	1 49	32 52	8 57	23 30	23 37	1 40		n.a.
M 9	12 9	18 30	3 2	14 32	1 24	6 32	8 21	15 37	0 42	20 40	0 17	23 7	0 16	13 18	0 18	13 33	1 49	32 53	8 57	23 30	23 37	1 43		n.a.
T 10	11 48	21 13	2 4	13 52	1 19	6 50	8 14	15 44	0 41	20 41	0 17	23 7	0 16	13 18	0 18	13 32	1 49	32 53	8 58	23 30	23 37	1 46		n.a.
W11	11 26	22 57	0 58	13 11	1 14	7 8	8 6	15 50	0 40	20 42	0 17	23 8	0 16	13 17	0 18	13 32	1 49	32 53	8 58	23 30	23 37	1 49		n.a.
T 12	11 4	23 30	0s12	12 30	1 8	7 26	7 57	15 57	0 38	20 44	0 17	23 8	0 16	13 17	0 18	13 31	1 49	32 54	8 58	23 30	23 37	1 51		n.a.
F 13	10 42	22 40	1 24	11 49	1 3	7 45	7 47	16 3	0 37	20 45	0 17	23 8	0 16	13 17	0 18	13 30	1 49	32 54	8 59	23 30	23 38	1 54		n.a.
S 14	10 20	20 24	2 34	11 7	0 57	8 3	7 37	16 10	0 36	20 46	0 17	23 9	0 16	13 17	0 18	13 29	1 49	32 54	8 59	23 30	23 38	1 57		n.a.
S 15	9 58	16 48	3 35	10 24	0 51	8 22	7 26	16 16	0 34	20 48	0 17	23 9	0 16	13 16	0 18	13 28	1 49	32 55	8 59	23 31	23 38	1 59		n.a.
M16	9 35	12 4	4 23	9 42	0 45	8 40	7 14	16 22	0 33	20 49	0 17	23 10	0 16	13 16	0 18	13 28	1 49	32 55	9 0	23 31	23 38	2 2		n.a.
T 17	9 13	6 33	4 54	8 59	0 39	8 58	7 2	16 27	0 31	20 51	0 17	23 10	0 16	13 16	0 18	13 27	1 49	32 55	9 0	23 32	23 39	2 5		n.a.
W18	8 50	0 38	5 4	8 16	0 33	9 16	6 50	16 33	0 30	20 52	0 17	23 10	0 16	13 15	0 18	13 26	1 49	32 55	9 0	23 33	23 39	2 8		n.a.
T 19	8 27	5n16	4 54	7 32	0 26	9 34	6 37	16 38	0 29	20 54	0 17	23 11	0 16	13 15	0 18	13 25	1 49	32 56	9 0	23 33	23 39	2 10		n.a.
F 20	8 4	10 47	4 25	6 49	0 20	9 51	6 24	16 44	0 27	20 55	0 18	23 11	0 16	13 15	0 18	13 24	1 49	32 56	9 1	23 34	23 39	2 13		n.a.
S 21	7 40	15 35	3 39	6 5	0 13	10 7	6 11	16 49	0 26	20 57	0 18	23 11	0 16	13 14	0 18	13 24	1 49	32 56	9 1	23 34	23 39	2 16		n.a.
S 22	7 17	19 24	2 41	5 21	0 7	10 23	5 57	16 54	0 24	20 59	0 18	23 12	0 16	13 14	0 18	13 23	1 49	32 57	9 1	23 34	23 40	2 19		n.a.
M23	6 53	22 2	1 36	4 38	0 0	10 38	5 44	16 58	0 22	21 0	0 18	23 12	0 15	13 13	0 18	13 22	1 49	32 57	9 2	23 34	23 40	2 21		n.a.
T 24	6 30	23 24	0 27	3 54	0s 6	10 53	5 30	17 3	0 21	21 2	0 18	23 12	0 15	13 13	0 18	13 21	1 49	32 57	9 2	23 34	23 40	2 24		n.a.
W25	6 6	23 26	0n42	3 10	0 13	11 7	5 16	17 8	0 19	21 4	0 18	23 13	0 15	13 12	0 18	13 21	1 49	32 58	9 2	23 34	23 40	2 27		n.a.
T 26	5 42	22 15	1 47	2 26	0 19	11 20	5 2	17 12	0 17	21 5	0 18	23 13	0 15	13 12	0 18	13 20	1 49	32 58	9 3	23 34	23 40	2 29		n.a.
F 27	5 18	19 58	2 46	1 42	0 26	11 32	4 49	17 16	0 16	21 7	0 18	23 13	0 15	13 11	0 18	13 19	1 49	32 58	9 3	23 34	23 41	2 32		n.a.
S 28	4 54	16 48	3 36	0 59	0 32	11 44	4 35	17 20	0 14	21 9	0 18	23 13	0 15	13 11	0 18	13 18	1 49	32 59	9 3	23 35	23 41	2 35		n.a.
S 29	4 30	12 56	4 16	0 15	0 39	11 55	4 21	17 24	0 12	21 11	0 18	23 14	0 15	13 10	0 18	13 17	1 49	32 59	9 4	23 36	23 41	2 38		n.a.
M30	4n 6	8n36	4n43	0s28	0s45	12n 5	4s 8	17n27	0s10	21s13	0s18	23n14	0s15	13n10	0s18	13n17	1n49	32n59	9n 4	23n37	23n41	2s40		n.a.

Julian Day Number = 990435.5, Delta T = 13h03m08s
Ecliptic obliquity = 23°55'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'54, Lahiri = -31°32'53 Julian Calendar 1 Sept. 2002 BCE == Greg. Calendar 15 Aug. 2002 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

OCTOBER 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 29 14	20♍52'22	1♎25	1♎ 1	17♌18	18♉23	1♐48	19♊18	4°R58	0♍21	29♊28	8°R48	7♋49	18♎28	n.a.	T 1
W 2	23 33 10	21°53'07	13°20	2°33	17°32	18°28	1°57	19°20	4♉56	0°23	29°28	8♋34	7°46	18°35	n.a.	W 2
T 3	23 37 7	22°53'54	25°11	4° 4	17°48	18°32	2° 6	19°21	4°55	0°25	29°29	8°21	7°42	18°42	n.a.	T 3
F 4	23 41 3	23°54'42	7♏ 1	5°36	18° 5	18°36	2°15	19°23	4°53	0°28	29°29	8°10	7°39	18°49	n.a.	F 4
S 5	23 45 0	24°55'32	18°52	7° 7	18°25	18°38	2°24	19°25	4°51	0°30	29°30	8° 2	7°36	18°55	n.a.	S 5
S 6	23 48 56	25°56'23	0♐49	8°38	18°46	18°40	2°33	19°26	4°49	0°32	29°30	7°57	7°33	19° 2	n.a.	S 6
M 7	23 52 53	26°57'15	12°54	10° 9	19°10	18°42	2°43	19°27	4°47	0°34	29°30	7°54	7°30	19° 9	n.a.	M 7
T 8	23 56 49	27°58'08	25°13	11°39	19°35	18°R42	2°52	19°29	4°46	0°36	29°31	7°D53	7°26	19°15	n.a.	T 8
W 9	0 0 46	28°59'03	7♑51	13° 9	20° 2	18°42	3° 2	19°30	4°44	0°38	29°31	7°R53	7°23	19°22	n.a.	W 9
T 10	0 4 42	29°59'59	20°54	14°39	20°30	18°40	3°11	19°31	4°42	0°40	29°31	7°53	7°20	19°29	n.a.	T 10
F 11	0 8 39	1♎ 0'55	4♒24	16° 8	21° 1	18°38	3°21	19°31	4°40	0°42	29°32	7°51	7°17	19°36	n.a.	F 11
S 12	0 12 36	2° 1'53	18°25	17°37	21°32	18°35	3°31	19°32	4°38	0°44	29°32	7°46	7°14	19°42	n.a.	S 12
S 13	0 16 32	3° 2'51	2♓56	19° 5	22° 6	18°32	3°42	19°33	4°36	0°46	29°32	7°39	7°11	19°49	n.a.	S 13
M14	0 20 29	4° 3'51	17°53	20°33	22°41	18°27	3°52	19°33	4°33	0°48	29°32	7°29	7° 7	19°56	n.a.	M14
T 15	0 24 25	5° 4'52	3♈ 7	22° 1	23°17	18°22	4° 2	19°34	4°31	0°50	29°32	7°17	7° 4	20° 2	n.a.	T 15
W16	0 28 22	6° 5'53	18°28	23°27	23°54	18°16	4°13	19°34	4°29	0°52	29°32	7° 6	7° 1	20° 9	n.a.	W16
T 17	0 32 18	7° 6'56	3♉43	24°53	24°33	18° 9	4°23	19°34	4°27	0°54	29°32	6°55	6°58	20°16	n.a.	T 17
F 18	0 36 15	8° 8'01	18°43	26°18	25°13	18° 1	4°34	19°R34	4°25	0°56	29°33	6°47	6°55	20°23	n.a.	F 18
S 19	0 40 11	9° 9'07	3♊20	27°42	25°55	17°52	4°45	19°34	4°23	0°57	29°R33	6°41	6°52	20°29	n.a.	S 19
S 20	0 44 8	10°10'14	17°29	29° 5	26°37	17°42	4°56	19°34	4°20	0°59	29°32	6°38	6°48	20°36	n.a.	S 20
M21	0 48 5	11°11'22	1♋10	0♏27	27°21	17°32	5° 7	19°34	4°18	1° 1	29°32	6°37	6°45	20°43	n.a.	M21
T 22	0 52 1	12°12'31	14°25	1°47	28° 5	17°21	5°18	19°33	4°16	1° 3	29°32	6°37	6°42	20°49	n.a.	T 22
W23	0 55 58	13°13'42	27°18	3° 5	28°51	17° 8	5°29	19°33	4°13	1° 5	29°32	6°37	6°39	20°56	n.a.	W23
T 24	0 59 54	14°14'54	9♌52	4°21	29°38	16°56	5°40	19°32	4°11	1° 6	29°32	6°35	6°36	21° 3	n.a.	T 24
F 25	1 3 51	15°16'07	22°12	5°35	0♍25	16°42	5°52	19°32	4° 9	1° 8	29°32	6°30	6°32	21°10	n.a.	F 25
S 26	1 7 47	16°17'21	4♍22	6°46	1°14	16°27	6° 3	19°31	4° 6	1°10	29°32	6°22	6°29	21°16	n.a.	S 26
S 27	1 11 44	17°18'36	16°24	7°54	2° 3	16°12	6°15	19°30	4° 4	1°12	29°31	6°11	6°26	21°23	n.a.	S 27
M28	1 15 41	18°19'51	28°21	8°58	2°54	15°56	6°26	19°29	4° 1	1°13	29°31	5°58	6°23	21°30	n.a.	M28
T 29	1 19 37	19°21'07	10♎16	9°58	3°45	15°39	6°38	19°28	3°59	1°15	29°31	5°43	6°20	21°37	n.a.	T 29
W30	1 23 34	20°22'25	22° 8	10°53	4°37	15°21	6°50	19°26	3°56	1°17	29°31	5°28	6°17	21°43	n.a.	W30
T 31	1 27 30	21♎23'42	3♏59	11♏42	5♍29	15♉ 3	7♐ 2	19♊25	3♉54	1♍18	29♊30	5♋14	6♋13	21♎50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n41	3n58	4n58	1s11	0s51	12n14	3s55	17n31	0s 9	21s14	0s18	23n14	0s15	13n 9	0s18	13n16	1n49	33n 0	9n 4	23n38	23n41	2s43		n.a.
W 2	3 17	0s47	4 59	1 54	0 57	12 23	3 41	17 34	0 7	21 16	0 19	23 14	0 15	13 9	0 18	13 15	1 49	33 0	9 5	23 38	23 42	2 46		n.a.
T 3	2 52	5 29	4 48	2 37	1 4	12 30	3 28	17 37	0 5	21 18	0 19	23 15	0 15	13 8	0 18	13 15	1 49	33 0	9 5	23 39	23 42	2 49		n.a.
F 4	2 28	9 59	4 24	3 20	1 10	12 37	3 16	17 40	0 3	21 20	0 19	23 15	0 15	13 8	0 18	13 14	1 49	33 1	9 5	23 40	23 42	2 51		n.a.
S 5	2 3	14 8	3 48	4 2	1 16	12 43	3 3	17 42	0 1	21 22	0 19	23 15	0 15	13 7	0 18	13 13	1 49	33 1	9 6	23 41	23 42	2 54		n.a.
S 6	1 39	17 45	3 3	4 44	1 22	12 48	2 51	17 45	0n 1	21 24	0 19	23 15	0 15	13 6	0 18	13 12	1 49	33 1	9 6	23 41	23 42	2 57		n.a.
M 7	1 14	20 41	2 8	5 26	1 27	12 53	2 38	17 47	0 3	21 26	0 19	23 15	0 14	13 6	0 18	13 12	1 49	33 2	9 6	23 41	23 42	2 59		n.a.
T 8	0 49	22 44	1 7	6 7	1 33	12 56	2 26	17 49	0 5	21 28	0 19	23 15	0 14	13 5	0 18	13 11	1 49	33 2	9 7	23 41	23 43	3 2		n.a.
W 9	0 25	23 41	0 0	6 48	1 38	12 59	2 15	17 51	0 7	21 30	0 19	23 16	0 14	13 4	0 18	13 10	1 49	33 2	9 7	23 41	23 43	3 5		n.a.
T 10	0 0	23 23	1s 8	7 28	1 43	13 0	2 3	17 53	0 9	21 32	0 19	23 16	0 14	13 4	0 18	13 9	1 49	33 3	9 7	23 41	23 43	3 8		n.a.
F 11	0s25	21 44	2 15	8 8	1 48	13 1	1 52	17 54	0 11	21 34	0 19	23 16	0 14	13 3	0 18	13 9	1 49	33 3	9 8	23 41	23 43	3 10		n.a.
S 12	0 49	18 43	3 16	8 47	1 53	13 1	1 41	17 55	0 14	21 36	0 19	23 16	0 14	13 2	0 18	13 8	1 49	33 4	9 8	23 41	23 43	3 13		n.a.
S 13	1 14	14 28	4 7	9 26	1 58	13 1	1 30	17 56	0 16	21 38	0 19	23 16	0 14	13 2	0 18	13 7	1 49	33 4	9 8	23 42	23 44	3 16		n.a.
M14	1 39	9 12	4 43	10 4	2 2	12 59	1 19	17 57	0 18	21 40	0 19	23 16	0 14	13 1	0 18	13 7	1 49	33 4	9 9	23 42	23 44	3 19		n.a.
T 15	2 3	3 18	4 59	10 41	2 6	12 57	1 9	17 58	0 20	21 42	0 20	23 16	0 14	13 0	0 18	13 6	1 50	33 5	9 9	23 43	23 44	3 21		n.a.
W16	2 28	2n51	4 54	11 17	2 9	12 54	0 59	17 58	0 22	21 44	0 20	23 17	0 14	12 59	0 18	13 5	1 50	33 5	9 9	23 44	23 44	3 24		n.a.
T 17	2 53	8 49	4 28	11 53	2 13	12 50	0 49	17 59	0 25	21 46	0 20	23 17	0 14	12 59	0 18	13 5	1 50	33 5	9 10	23 44	23 44	3 27		n.a.
F 18	3 17	14 10	3 44	12 27	2 16	12 45	0 40	17 59	0 27	21 48	0 20	23 17	0 14	12 58	0 18	13 4	1 50	33 6	9 10	23 45	23 44	3 30		n.a.
S 19	3 42	18 32	2 46	13 1	2 18	12 40	0 30	17 58	0 29	21 50	0 20	23 17	0 14	12 57	0 18	13 3	1 50	33 6	9 11	23 45	23 45	3 32		n.a.
S 20	4 6	21 40	1 39	13 33	2 20	12 34	0 21	17 58	0 32	21 53	0 20	23 17	0 13	12 56	0 18	13 3	1 50	33 6	9 11	23 45	23 45	3 35		n.a.
M21	4 31	23 26	0 29	14 4	2 22	12 27	0 12	17 57	0 34	21 55	0 20	23 17	0 13	12 56	0 18	13 2	1 50	33 7	9 11	23 45	23 45	3 38		n.a.
T 22	4 55	23 48	0n41	14 34	2 23	12 19	0 4	17 56	0 37	21 57	0 20	23 17	0 13	12 55	0 18	13 2	1 50	33 7	9 12	23 45	23 45	3 41		n.a.
W23	5 19	22 52	1 47	15 2	2 23	12 11	0n 4	17 55	0 39	21 59	0 20	23 17	0 13	12 54	0 18	13 1	1 50	33 7	9 12	23 45	23 45	3 43		n.a.
T 24	5 44	20 48	2 46	15 28	2 23	12 2	0 13	17 54	0 42	22 1	0 20	23 17	0 13	12 53	0 18	13 0	1 50	33 8	9 12	23 45	23 45	3 46		n.a.
F 25	6 8	17 47	3 36	15 53	2 22	11 52	0 20	17 52	0 44	22 3	0 20	23 17	0 13	12 52	0 18	13 0	1 50	33 8	9 13	23 46	23 46	3 49		n.a.
S 26	6 32	14 3	4 15	16 15	2 21	11 41	0 28	17 50	0 47	22 5	0 20	23 17	0 13	12 52	0 18	12 59	1 50	33 8	9 13	23 46	23 46	3 52		n.a.
S 27	6 56	9 47	4 43	16 36	2 18	11 30	0 35	17 48	0 49	22 7	0 20	23 17	0 13	12 51	0 18	12 59	1 50	33 9	9 13	23 47	23 46	3 54		n.a.
M28	7 20	5 12	4 57	16 54	2 15	11 18	0 42	17 46	0 52	22 10	0 21	23 17	0 13	12 50	0 18	12 58	1 50	33 9	9 14	23 47	23 46	3 57		n.a.
T 29	7 43	0 26	4 59	17 10	2 11	11 6	0 49	17 43	0 54	22 12	0 21	23 17	0 13	12 49	0 18	12 58	1 50	33 9	9 14	23 48	23 46	4 0		n.a.
W30	8 7	4s21	4 48	17 22	2 5	10 53	0 56	17 40	0 57	22 14	0 21	23 17	0 13	12 48	0 18	12 57	1 50	33 10	9 14	23 49	23 46	4 2		n.a.
T 31	8s30	8s58	4n24	17s32	1s59	10n39	1n 2	17n37	0n59	22s16	0s21	23n17	0s13	12n47	0s18	12n56	1n50	33n10	9n15	23n49	23n46	4s 5		n.a.

Julian Day Number = 990465.5, Delta T = 13h03m06s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'50, Lahiri = -31°32'49 Julian Calendar 1 Oct. 2002 BCE == Greg. Calendar 14 Sept. 2002 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

NOVEMBER 2002 BCE (-2001) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 31 27	22♎25'00	15♏51	12♏25	6♍23	14°R44	7♐14	19°R24	3°R51	1♍20	29°R30	5°R 3	6♋10	21♎57	n.a.	F 1
S 2	1 35 23	23°26'19	27°46	13° 1	7°17	14♉25	7°26	19♊22	3♉49	1°21	29♊29	4♋54	6° 7	22° 3	n.a.	S 2
S 3	1 39 20	24°27'38	9♐46	13°28	8°11	14° 5	7°38	19°20	3°46	1°23	29°29	4°48	6° 4	22°10	n.a.	S 3
M 4	1 43 16	25°28'57	21°54	13°46	9° 7	13°44	7°50	19°18	3°44	1°24	29°29	4°45	6° 1	22°17	n.a.	M 4
T 5	1 47 13	26°30'17	4♑13	13°R55	10° 3	13°23	8° 3	19°16	3°41	1°26	29°28	4°D44	5°57	22°24	n.a.	T 5
W 6	1 51 10	27°31'36	16°48	13°53	10°59	13° 1	8°15	19°14	3°39	1°27	29°28	4°45	5°54	22°30	n.a.	W 6
T 7	1 55 6	28°32'56	29°45	13°40	11°56	12°39	8°28	19°12	3°36	1°29	29°27	4°R45	5°51	22°37	n.a.	T 7
F 8	1 59 3	29°34'15	13♒ 6	13°15	12°54	12°17	8°40	19°10	3°33	1°30	29°26	4°44	5°48	22°44	n.a.	F 8
S 9	2 2 59	0♏35'34	26°55	12°38	13°52	11°54	8°53	19° 8	3°31	1°32	29°26	4°41	5°45	22°50	n.a.	S 9
S 10	2 6 56	1°36'54	11♓13	11°50	14°51	11°31	9° 6	19° 5	3°28	1°33	29°25	4°36	5°42	22°57	n.a.	S 10
M11	2 10 52	2°38'13	25°58	10°51	15°50	11° 7	9°18	19° 3	3°26	1°34	29°25	4°28	5°38	23° 4	n.a.	M11
T 12	2 14 49	3°39'32	11♈ 4	9°43	16°50	10°44	9°31	19° 0	3°23	1°35	29°24	4°19	5°35	23°11	n.a.	T 12
W13	2 18 46	4°40'50	26°23	8°28	17°50	10°20	9°44	18°57	3°20	1°37	29°23	4° 9	5°32	23°17	n.a.	W13
T 14	2 22 42	5°42'09	11♉43	7° 9	18°50	9°56	9°57	18°55	3°18	1°38	29°22	4° 0	5°29	23°24	n.a.	T 14
F 15	2 26 39	6°43'28	26°52	5°47	19°51	9°32	10°10	18°52	3°15	1°39	29°22	3°53	5°26	23°31	n.a.	F 15
S 16	2 30 35	7°44'47	11♊41	4°26	20°53	9° 8	10°23	18°49	3°13	1°40	29°21	3°49	5°23	23°37	n.a.	S 16
S 17	2 34 32	8°46'06	26° 3	3° 8	21°55	8°44	10°36	18°46	3°10	1°41	29°20	3°47	5°19	23°44	n.a.	S 17
M18	2 38 28	9°47'26	9♋57	1°56	22°57	8°20	10°50	18°42	3° 8	1°43	29°19	3°D47	5°16	23°51	n.a.	M18
T 19	2 42 25	10°48'45	23°22	0°51	24° 0	7°56	11° 3	18°39	3° 5	1°44	29°18	3°48	5°13	23°58	n.a.	T 19
W20	2 46 21	11°50'04	6♌21	29♎55	25° 3	7°32	11°16	18°36	3° 2	1°45	29°18	3°R49	5°10	24° 4	n.a.	W20
T 21	2 50 18	12°51'24	18°57	29° 9	26° 6	7° 9	11°30	18°32	3° 0	1°46	29°17	3°48	5° 7	24°11	n.a.	T 21
F 22	2 54 15	13°52'43	1♍16	28°32	27°10	6°45	11°43	18°29	2°57	1°47	29°16	3°47	5° 3	24°18	n.a.	F 22
S 23	2 58 11	14°54'02	13°23	28° 6	28°14	6°22	11°56	18°25	2°55	1°48	29°15	3°43	5° 0	24°24	n.a.	S 23
S 24	3 2 8	15°55'21	25°20	27°50	29°18	6° 0	12°10	18°22	2°52	1°49	29°14	3°36	4°57	24°31	n.a.	S 24
M25	3 6 4	16°56'40	7♎13	27°D43	0♎23	5°38	12°23	18°18	2°50	1°49	29°13	3°28	4°54	24°38	n.a.	M25
T 26	3 10 1	17°57'58	19° 4	27°46	1°27	5°16	12°37	18°14	2°47	1°50	29°12	3°19	4°51	24°45	n.a.	T 26
W27	3 13 57	18°59'16	0♏56	27°56	2°33	4°54	12°51	18°10	2°45	1°51	29°11	3°10	4°48	24°51	n.a.	W27
T 28	3 17 54	20° 0'33	12°49	28°14	3°38	4°33	13° 4	18° 6	2°42	1°52	29°10	3° 1	4°44	24°58	n.a.	T 28
F 29	3 21 51	21° 1'50	24°47	28°40	4°44	4°13	13°18	18° 2	2°40	1°53	29° 9	2°54	4°41	25° 5	n.a.	F 29
S 30	3 25 47	22♏ 3'07	6♐50	29♎11	5♎50	3♉53	13♐32	17♊58	2♉38	1♍53	29♊ 8	2♋49	4♋38	25♎11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s54	13s17	3n48	17s38	1s51	10n25	1n 9	17n34	1n 2	22s18	0s21	23n17	0s13	12n46	0s18	12n56	1n50	33n10	9n15	23n50	23n47	4s 8		n.a.
S 2	9 17	17 6	3 3	17 41	1 42	10 10	1 15	17 31	1 4	22 20	0 21	23 17	0 12	12 46	0 18	12 55	1 50	33 11	9 15	23 50	23 47	4 11		n.a.
S 3	9 40	20 15	2 8	17 39	1 32	9 54	1 20	17 27	1 7	22 22	0 21	23 17	0 12	12 45	0 18	12 55	1 50	33 11	9 16	23 50	23 47	4 13		n.a.
M 4	10 3	22 33	1 8	17 34	1 20	9 38	1 26	17 23	1 9	22 24	0 21	23 17	0 12	12 44	0 18	12 54	1 51	33 11	9 16	23 50	23 47	4 16		n.a.
T 5	10 26	23 49	0 3	17 24	1 7	9 22	1 31	17 19	1 12	22 26	0 21	23 17	0 12	12 43	0 18	12 54	1 51	33 12	9 16	23 50	23 47	4 19		n.a.
W 6	10 48	23 54	1s 4	17 9	0 52	9 5	1 37	17 15	1 14	22 29	0 21	23 17	0 12	12 42	0 18	12 53	1 51	33 12	9 16	23 50	23 47	4 22		n.a.
T 7	11 10	22 43	2 9	16 50	0 36	8 47	1 41	17 10	1 17	22 31	0 21	23 17	0 12	12 41	0 18	12 53	1 51	33 12	9 17	23 50	23 48	4 24		n.a.
F 8	11 33	20 15	3 9	16 25	0 18	8 29	1 46	17 5	1 19	22 33	0 21	23 16	0 12	12 40	0 18	12 52	1 51	33 12	9 17	23 50	23 48	4 27		n.a.
S 9	11 55	16 33	4 1	15 56	0n 0	8 10	1 51	17 0	1 22	22 35	0 21	23 16	0 12	12 39	0 18	12 52	1 51	33 13	9 17	23 50	23 48	4 30		n.a.
S 10	12 16	11 47	4 39	15 23	0 20	7 51	1 55	16 55	1 24	22 37	0 22	23 16	0 12	12 39	0 18	12 52	1 51	33 13	9 18	23 51	23 48	4 33		n.a.
M11	12 38	6 13	5 1	14 45	0 40	7 31	1 59	16 50	1 27	22 39	0 22	23 16	0 12	12 38	0 18	12 51	1 51	33 13	9 18	23 51	23 48	4 35		n.a.
T 12	12 59	0 9	5 2	14 4	1 0	7 11	2 3	16 45	1 29	22 41	0 22	23 16	0 12	12 37	0 18	12 51	1 51	33 14	9 18	23 51	23 48	4 38		n.a.
W13	13 20	6n 1	4 42	13 21	1 21	6 51	2 7	16 39	1 31	22 43	0 22	23 16	0 11	12 36	0 18	12 50	1 51	33 14	9 19	23 51	23 48	4 41		n.a.
T 14	13 41	11 50	4 1	12 36	1 40	6 30	2 11	16 34	1 33	22 45	0 22	23 16	0 11	12 35	0 18	12 50	1 51	33 14	9 19	23 52	23 48	4 44		n.a.
F 15	14 2	16 52	3 4	11 52	1 58	6 8	2 14	16 28	1 36	22 47	0 22	23 16	0 11	12 34	0 18	12 50	1 51	33 15	9 19	23 52	23 49	4 46		n.a.
S 16	14 22	20 44	1 55	11 9	2 14	5 47	2 17	16 22	1 38	22 49	0 22	23 15	0 11	12 33	0 18	12 49	1 51	33 15	9 20	23 52	23 49	4 49		n.a.
S 17	14 43	23 11	0 41	10 29	2 29	5 25	2 20	16 16	1 40	22 51	0 22	23 15	0 11	12 32	0 18	12 49	1 51	33 15	9 20	23 52	23 49	4 52		n.a.
M18	15 2	24 6	0n33	9 53	2 41	5 2	2 23	16 10	1 42	22 53	0 22	23 15	0 11	12 31	0 18	12 49	1 51	33 15	9 20	23 52	23 49	4 55		n.a.
T 19	15 22	23 33	1 43	9 21	2 51	4 39	2 26	16 4	1 44	22 55	0 22	23 15	0 11	12 31	0 18	12 48	1 51	33 16	9 20	23 52	23 49	4 57		n.a.
W20	15 42	21 44	2 46	8 54	2 58	4 16	2 28	15 58	1 46	22 57	0 22	23 15	0 11	12 30	0 18	12 48	1 51	33 16	9 21	23 52	23 49	5 0		n.a.
T 21	16 1	18 54	3 38	8 32	3 4	3 52	2 30	15 52	1 48	22 59	0 22	23 14	0 11	12 29	0 18	12 48	1 52	33 16	9 21	23 52	23 49	5 3		n.a.
F 22	16 19	15 16	4 20	8 16	3 7	3 29	2 33	15 46	1 50	23 1	0 23	23 14	0 11	12 28	0 18	12 47	1 52	33 17	9 21	23 52	23 50	5 6		n.a.
S 23	16 38	11 5	4 48	8 5	3 9	3 4	2 35	15 40	1 52	23 3	0 23	23 14	0 11	12 27	0 18	12 47	1 52	33 17	9 22	23 52	23 50	5 9		n.a.
S 24	16 56	6 31	5 4	7 59	3 9	2 40	2 36	15 34	1 54	23 5	0 23	23 14	0 10	12 26	0 18	12 47	1 52	33 17	9 22	23 52	23 50	5 11		n.a.
M25	17 14	1 45	5 7	7 58	3 7	2 15	2 38	15 28	1 55	23 7	0 23	23 14	0 10	12 25	0 18	12 46	1 52	33 17	9 22	23 53	23 50	5 14		n.a.
T 26	17 32	3s 4	4 56	8 2	3 4	1 50	2 40	15 22	1 57	23 9	0 23	23 13	0 10	12 25	0 18	12 46	1 52	33 18	9 22	23 53	23 50	5 17		n.a.
W27	17 49	7 47	4 32	8 9	3 0	1 25	2 41	15 16	1 59	23 11	0 23	23 13	0 10	12 24	0 18	12 46	1 52	33 18	9 23	23 53	23 50	5 20		n.a.
T 28	18 6	12 14	3 57	8 20	2 55	1 0	2 42	15 11	2 0	23 13	0 23	23 13	0 10	12 23	0 18	12 46	1 52	33 18	9 23	23 53	23 50	5 22		n.a.
F 29	18 23	16 16	3 11	8 35	2 50	0 34	2 43	15 5	2 2	23 14	0 23	23 13	0 10	12 22	0 18	12 46	1 52	33 18	9 23	23 53	23 50	5 25		n.a.
S 30	18s39	19s40	2n16	8s52	2n43	0n 9	2n44	14n59	2n 3	23s16	0s23	23n12	0s10	12n21	0s18	12n45	1n52	33n19	9n23	23n54	23n50	5s28		n.a.

Julian Day Number = 990496.5, Delta T = 13h03m03s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'46, Lahiri = -31°32'45 Julian Calendar 1 Nov. 2002 BCE == Greg. Calendar 15 Oct. 2002 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2002 BCE
geocentric

DECEMBER 2002 BCE (-2001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 29 44	23♏ 4'22	19♐ 0	29♎48	6♎56	3°R34	13♐46	17°R54	2°R35	1♍54	29°R 6	2°R46	4♋35	25♎18	n.a.	S 1
M 2	3 33 40	24° 5'37	1♑19	0♏30	8° 2	3♉16	14° 0	17♊50	2♉33	1°55	29♊ 5	2°D44	4°32	25°25	n.a.	M 2
T 3	3 37 37	25° 6'51	13°48	1°17	9° 9	2°58	14°14	17°45	2°31	1°55	29° 4	2♋45	4°29	25°32	n.a.	T 3
W 4	3 41 33	26° 8'04	26°31	2° 8	10°16	2°41	14°27	17°41	2°28	1°56	29° 3	2°46	4°25	25°38	n.a.	W 4
T 5	3 45 30	27° 9'16	9♒30	3° 3	11°23	2°24	14°41	17°37	2°26	1°56	29° 2	2°48	4°22	25°45	n.a.	T 5
F 6	3 49 27	28°10'26	22°49	4° 1	12°30	2° 8	14°55	17°32	2°24	1°57	29° 1	2°R49	4°19	25°52	n.a.	F 6
S 7	3 53 23	29°11'35	6♓29	5° 2	13°37	1°53	15° 9	17°28	2°21	1°58	28°59	2°49	4°16	25°58	n.a.	S 7
S 8	3 57 20	0♐12'43	20°33	6° 6	14°45	1°39	15°23	17°23	2°19	1°58	28°58	2°47	4°13	26° 5	n.a.	S 8
M 9	4 1 16	1°13'50	4♈58	7°12	15°52	1°26	15°38	17°19	2°17	1°58	28°57	2°44	4° 9	26°12	n.a.	M 9
T 10	4 5 13	2°14'55	19°43	8°21	17° 0	1°13	15°52	17°14	2°15	1°59	28°56	2°40	4° 6	26°19	n.a.	T 10
W11	4 9 9	3°15'59	4♉41	9°31	18° 9	1° 1	16° 6	17° 9	2°13	1°59	28°54	2°36	4° 3	26°25	n.a.	W11
T 12	4 13 6	4°17'02	19°43	10°44	19°17	0°50	16°20	17° 5	2°11	1°59	28°53	2°32	4° 0	26°32	n.a.	T 12
F 13	4 17 2	5°18'04	4♊42	11°58	20°25	0°40	16°34	17° 0	2° 9	2° 0	28°52	2°28	3°57	26°39	n.a.	F 13
S 14	4 20 59	6°19'05	19°27	13°14	21°34	0°30	16°48	16°55	2° 7	2° 0	28°50	2°27	3°54	26°45	n.a.	S 14
S 15	4 24 56	7°20'04	3♋52	14°31	22°43	0°22	17° 2	16°50	2° 5	2° 0	28°49	2°D26	3°50	26°52	n.a.	S 15
M16	4 28 52	8°21'03	17°53	15°49	23°51	0°14	17°17	16°46	2° 3	2° 0	28°48	2°27	3°47	26°59	n.a.	M16
T 17	4 32 49	9°22'00	1♌26	17° 9	25° 0	0° 7	17°31	16°41	2° 1	2° 1	28°46	2°28	3°44	27° 6	n.a.	T 17
W18	4 36 45	10°22'56	14°34	18°30	26°10	0° 0	17°45	16°36	1°59	2° 1	28°45	2°30	3°41	27°12	n.a.	W18
T 19	4 40 42	11°23'51	27°18	19°52	27°19	29♈55	17°59	16°31	1°57	2° 1	28°44	2°31	3°38	27°19	n.a.	T 19
F 20	4 44 38	12°24'45	9♍42	21°16	28°28	29°50	18°14	16°26	1°55	2° 1	28°42	2°R32	3°35	27°26	n.a.	F 20
S 21	4 48 35	13°25'38	21°51	22°40	29°38	29°46	18°28	16°21	1°53	2°R 1	28°41	2°31	3°31	27°32	n.a.	S 21
S 22	4 52 32	14°26'29	3♎50	24° 5	0♏47	29°43	18°42	16°16	1°52	2° 1	28°39	2°30	3°28	27°39	n.a.	S 22
M23	4 56 28	15°27'19	15°42	25°31	1°57	29°41	18°57	16°12	1°50	2° 1	28°38	2°28	3°25	27°46	n.a.	M23
T 24	5 0 25	16°28'08	27°32	26°59	3° 7	29°39	19°11	16° 7	1°48	2° 1	28°36	2°26	3°22	27°53	n.a.	T 24
W25	5 4 21	17°28'56	9♏25	28°27	4°17	29°38	19°25	16° 2	1°47	2° 0	28°35	2°24	3°19	27°59	n.a.	W25
T 26	5 8 18	18°29'42	21°22	29°56	5°27	29°D38	19°39	15°57	1°45	2° 0	28°34	2°21	3°15	28° 6	n.a.	T 26
F 27	5 12 14	19°30'27	3♐26	1♐25	6°37	29°39	19°54	15°52	1°44	2° 0	28°32	2°19	3°12	28°13	n.a.	F 27
S 28	5 16 11	20°31'11	15°40	2°56	7°47	29°41	20° 8	15°47	1°42	2° 0	28°31	2°18	3° 9	28°19	n.a.	S 28
S 29	5 20 7	21°31'53	28° 5	4°28	8°58	29°43	20°22	15°42	1°41	2° 0	28°29	2°D18	3° 6	28°26	n.a.	S 29
M30	5 24 4	22°32'33	10♑41	6° 0	10° 8	29°46	20°37	15°37	1°39	1°59	28°28	2°18	3° 3	28°33	n.a.	M30
T 31	5 28 1	23♐33'11	23♑29	7♐34	11♏18	29♈49	20♐51	15♊33	1♉38	1♍59	28♊26	2♋18	3♋ 0	28♎40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	18s55	22s14	1n14	9s12	2n36	0s17	2n45	14n54	2n 4	23s18	0s23	23n12	0s10	12n20	0s18	12n45	1n52	33n19	9n24	23n54	23n51	5s31			n.a.
M 2	19 11	23 47	0 8	9 33	2 29	0 43	2 45	14 49	2 6	23 20	0 23	23 12	0 10	12 20	0 18	12 45	1 52	33 19	9 24	23 54	23 51	5 33			n.a.
T 3	19 26	24 11	1s 0	9 57	2 22	1 10	2 46	14 44	2 7	23 22	0 24	23 11	0 10	12 19	0 18	12 45	1 52	33 19	9 24	23 54	23 51	5 36			n.a.
W 4	19 41	23 20	2 6	10 22	2 14	1 36	2 46	14 39	2 8	23 23	0 24	23 11	0 9	12 18	0 18	12 45	1 52	33 20	9 24	23 54	23 51	5 39			n.a.
T 5	19 55	21 14	3 7	10 49	2 5	2 3	2 46	14 34	2 9	23 25	0 24	23 11	0 9	12 17	0 18	12 45	1 53	33 20	9 25	23 54	23 51	5 42			n.a.
F 6	20 9	17 57	4 0	11 17	1 57	2 29	2 46	14 29	2 10	23 27	0 24	23 10	0 9	12 16	0 18	12 44	1 53	33 20	9 25	23 54	23 51	5 44			n.a.
S 7	20 23	13 38	4 40	11 46	1 49	2 56	2 46	14 25	2 11	23 28	0 24	23 10	0 9	12 16	0 18	12 44	1 53	33 20	9 25	23 54	23 51	5 47			n.a.
S 8	20 36	8 29	5 5	12 15	1 40	3 23	2 46	14 21	2 12	23 30	0 24	23 10	0 9	12 15	0 18	12 44	1 53	33 20	9 25	23 54	23 51	5 50			n.a.
M 9	20 49	2 45	5 12	12 45	1 32	3 50	2 46	14 17	2 13	23 32	0 24	23 9	0 9	12 14	0 18	12 44	1 53	33 21	9 25	23 54	23 51	5 53			n.a.
T 10	21 2	3n16	4 59	13 16	1 23	4 16	2 45	14 13	2 14	23 33	0 24	23 9	0 9	12 13	0 18	12 44	1 53	33 21	9 26	23 54	23 52	5 55			n.a.
W11	21 14	9 11	4 25	13 47	1 14	4 43	2 45	14 9	2 14	23 35	0 24	23 9	0 9	12 13	0 18	12 44	1 53	33 21	9 26	23 54	23 52	5 58			n.a.
T 12	21 26	14 36	3 33	14 18	1 6	5 10	2 44	14 6	2 15	23 37	0 24	23 8	0 9	12 12	0 18	12 44	1 53	33 21	9 26	23 54	23 52	6 1			n.a.
F 13	21 37	19 7	2 26	14 50	0 57	5 37	2 43	14 3	2 16	23 38	0 24	23 8	0 8	12 11	0 18	12 44	1 53	33 21	9 26	23 54	23 52	6 4			n.a.
S 14	21 48	22 19	1 11	15 21	0 49	6 4	2 42	14 0	2 16	23 40	0 25	23 8	0 8	12 11	0 17	12 44	1 53	33 22	9 26	23 54	23 52	6 6			n.a.
S 15	21 58	24 0	0n 8	15 52	0 41	6 31	2 41	13 58	2 17	23 41	0 25	23 7	0 8	12 10	0 17	12 44	1 53	33 22	9 27	23 54	23 52	6 9			n.a.
M16	22 9	24 5	1 24	16 24	0 32	6 58	2 40	13 55	2 18	23 43	0 25	23 7	0 8	12 9	0 17	12 44	1 53	33 22	9 27	23 54	23 52	6 12			n.a.
T 17	22 18	22 43	2 33	16 55	0 24	7 25	2 39	13 53	2 18	23 44	0 25	23 7	0 8	12 9	0 17	12 44	1 53	33 22	9 27	23 54	23 52	6 15			n.a.
W18	22 27	20 9	3 32	17 26	0 16	7 51	2 38	13 51	2 18	23 46	0 25	23 6	0 8	12 8	0 17	12 44	1 53	33 22	9 27	23 54	23 52	6 17			n.a.
T 19	22 36	16 41	4 18	17 56	0 8	8 18	2 36	13 50	2 19	23 47	0 25	23 6	0 8	12 7	0 17	12 44	1 54	33 22	9 27	23 54	23 52	6 20			n.a.
F 20	22 44	12 33	4 51	18 26	0 0	8 45	2 35	13 48	2 19	23 49	0 25	23 5	0 8	12 7	0 17	12 44	1 54	33 22	9 27	23 54	23 52	6 23			n.a.
S 21	22 52	8 1	5 10	18 56	0s 7	9 11	2 33	13 47	2 20	23 50	0 25	23 5	0 8	12 6	0 17	12 44	1 54	33 23	9 28	23 54	23 53	6 26			n.a.
S 22	23 0	3 15	5 15	19 25	0 15	9 37	2 31	13 46	2 20	23 51	0 25	23 5	0 7	12 5	0 17	12 44	1 54	33 23	9 28	23 54	23 53	6 28			n.a.
M23	23 7	1s35	5 7	19 53	0 22	10 4	2 30	13 46	2 20	23 53	0 25	23 4	0 7	12 5	0 17	12 44	1 54	33 23	9 28	23 54	23 53	6 31			n.a.
T 24	23 13	6 22	4 46	20 21	0 29	10 30	2 28	13 45	2 20	23 54	0 26	23 4	0 7	12 4	0 17	12 44	1 54	33 23	9 28	23 54	23 53	6 34			n.a.
W25	23 19	10 56	4 12	20 48	0 36	10 55	2 26	13 45	2 20	23 55	0 26	23 3	0 7	12 4	0 17	12 44	1 54	33 23	9 28	23 54	23 53	6 37			n.a.
T 26	23 25	15 8	3 27	21 14	0 43	11 21	2 24	13 45	2 21	23 56	0 26	23 3	0 7	12 3	0 17	12 44	1 54	33 23	9 28	23 54	23 53	6 39			n.a.
F 27	23 30	18 46	2 33	21 40	0 49	11 47	2 21	13 46	2 21	23 58	0 26	23 3	0 7	12 3	0 17	12 45	1 54	33 23	9 28	23 54	23 53	6 42			n.a.
S 28	23 35	21 38	1 31	22 5	0 56	12 12	2 19	13 46	2 21	23 59	0 26	23 2	0 7	12 2	0 17	12 45	1 54	33 23	9 29	23 54	23 53	6 45			n.a.
S 29	23 39	23 31	0 23	22 28	1 2	12 37	2 17	13 47	2 21	24 0	0 26	23 2	0 7	12 2	0 17	12 45	1 54	33 24	9 29	23 54	23 53	6 48			n.a.
M30	23 43	24 15	0s46	22 51	1 7	13 2	2 15	13 48	2 21	24 1	0 26	23 1	0 7	12 1	0 17	12 45	1 54	33 24	9 29	23 54	23 53	6 50			n.a.
T 31	23s46	23s43	1s55	23s13	1s13	13s26	2n12	13n50	2n21	24s 2	0s26	23n 1	0s 7	12n 1	0s17	12n45	1n54	33n24	9n29	23n54	23n53	6s53			n.a.

Julian Day Number = 990526.5, Delta T = 13h03m01s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'42, Lahiri = -31°32'41 Julian Calendar 1 Dec. 2002 BCE == Greg. Calendar 14 Nov. 2002 BCE

The year -2001 astronomical counting style corresponds to year 2002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

JANUARY 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 31 57	24♐33'47	6♒31	9♐ 8	12♏29	29♈54	21♐ 5	15°R28	1°R37	1°R59	28°R25	2♋19	2♋56	28♎46	n.a.	W 1
T 2	5 35 54	25°34'22	19°46	10°43	13°40	29°59	21°20	15♊23	1♉36	1♍58	28♊23	2°20	2°53	28°53	n.a.	T 2
F 3	5 39 50	26°34'54	3♓16	12°19	14°50	0♉ 4	21°34	15°18	1°34	1°58	28°22	2°20	2°50	29° 0	n.a.	F 3
S 4	5 43 47	27°35'24	17° 0	13°55	16° 1	0°11	21°48	15°13	1°33	1°57	28°20	2°21	2°47	29° 6	n.a.	S 4
S 5	5 47 43	28°35'53	0♈58	15°33	17°12	0°18	22° 2	15° 9	1°32	1°57	28°19	2°R21	2°44	29°13	n.a.	S 5
M 6	5 51 40	29°36'18	15° 9	17°12	18°23	0°25	22°17	15° 4	1°31	1°56	28°17	2°21	2°40	29°20	n.a.	M 6
T 7	5 55 36	0♑36'42	29°32	18°51	19°34	0°34	22°31	14°59	1°30	1°56	28°16	2°20	2°37	29°27	n.a.	T 7
W 8	5 59 33	1°37'04	14♉ 3	20°32	20°44	0°42	22°45	14°55	1°29	1°55	28°15	2°20	2°34	29°33	n.a.	W 8
T 9	6 3 30	2°37'23	28°37	22°13	21°56	0°52	22°59	14°50	1°28	1°55	28°13	2°D20	2°31	29°40	n.a.	T 9
F 10	6 7 26	3°37'41	13♊10	23°56	23° 7	1° 2	23°14	14°46	1°27	1°54	28°12	2°20	2°28	29°47	n.a.	F 10
S 11	6 11 23	4°37'56	27°34	25°39	24°18	1°13	23°28	14°41	1°27	1°53	28°10	2°R20	2°25	29°53	n.a.	S 11
S 12	6 15 19	5°38'10	11♋45	27°23	25°29	1°24	23°42	14°37	1°26	1°53	28° 9	2°20	2°21	0♏ 0	n.a.	S 12
M13	6 19 16	6°38'21	25°38	29° 9	26°40	1°35	23°56	14°33	1°25	1°52	28° 7	2°20	2°18	0° 7	n.a.	M13
T 14	6 23 12	7°38'31	9♌ 9	0♑55	27°52	1°48	24°10	14°28	1°25	1°51	28° 6	2°20	2°15	0°14	n.a.	T 14
W15	6 27 9	8°38'38	22°19	2°42	29° 3	2° 0	24°24	14°24	1°24	1°50	28° 4	2°19	2°12	0°20	n.a.	W15
T 16	6 31 5	9°38'44	5♍ 8	4°31	0♐14	2°14	24°38	14°20	1°23	1°49	28° 3	2°18	2° 9	0°27	n.a.	T 16
F 17	6 35 2	10°38'48	17°37	6°20	1°26	2°28	24°53	14°16	1°23	1°49	28° 1	2°17	2° 6	0°34	n.a.	F 17
S 18	6 38 59	11°38'50	29°50	8°11	2°37	2°42	25° 7	14°12	1°23	1°48	28° 0	2°17	2° 2	0°40	n.a.	S 18
S 19	6 42 55	12°38'50	11♎51	10° 2	3°49	2°57	25°21	14° 8	1°22	1°47	27°59	2°D16	1°59	0°47	n.a.	S 19
M20	6 46 52	13°38'48	23°45	11°55	5° 0	3°12	25°35	14° 4	1°22	1°46	27°57	2°16	1°56	0°54	n.a.	M20
T 21	6 50 48	14°38'45	5♏36	13°49	6°12	3°27	25°48	14° 0	1°22	1°45	27°56	2°17	1°53	1° 1	n.a.	T 21
W22	6 54 45	15°38'39	17°29	15°43	7°24	3°44	26° 2	13°56	1°21	1°44	27°54	2°18	1°50	1° 7	n.a.	W22
T 23	6 58 41	16°38'32	29°29	17°39	8°35	4° 0	26°16	13°52	1°21	1°43	27°53	2°20	1°46	1°14	n.a.	T 23
F 24	7 2 38	17°38'23	11♐39	19°35	9°47	4°17	26°30	13°49	1°21	1°42	27°52	2°21	1°43	1°21	n.a.	F 24
S 25	7 6 34	18°38'12	24° 2	21°32	10°59	4°35	26°44	13°45	1°21	1°41	27°50	2°22	1°40	1°27	n.a.	S 25
S 26	7 10 31	19°37'59	6♑41	23°29	12°11	4°52	26°58	13°42	1°D21	1°40	27°49	2°R22	1°37	1°34	n.a.	S 26
M27	7 14 28	20°37'43	19°36	25°28	13°22	5°11	27°11	13°38	1°21	1°39	27°48	2°21	1°34	1°41	n.a.	M27
T 28	7 18 24	21°37'26	2♒48	27°26	14°34	5°29	27°25	13°35	1°21	1°37	27°46	2°19	1°31	1°47	n.a.	T 28
W29	7 22 21	22°37'06	16°15	29°25	15°46	5°48	27°39	13°32	1°21	1°36	27°45	2°17	1°27	1°54	n.a.	W29
T 30	7 26 17	23°36'44	29°56	1♒23	16°58	6° 8	27°52	13°28	1°22	1°35	27°44	2°14	1°24	2° 1	n.a.	T 30
F 31	7 30 14	24♑36'20	13♓48	3♒22	18♐10	6♉28	28♐ 6	13♊25	1♉22	1♍34	27♊42	2♋11	1♋21	2♏ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23 s49	21 s54	2 s59	23 s33	1 s18	13 s50	2n10	13n51	2n21	24 s 3	0 s26	23n 0	0 s 6	12n 0	0 s17	12n45	1n54	33n24	9n29	23n54	23n53	6 s56			n.a.
T 2	23 51	18 52	3 54	23 53	1 23	14 14	2 7	13 53	2 21	24 5	0 27	23 0	0 6	12 0	0 17	12 46	1 54	33 24	9 29	23 54	23 54	6 59			n.a.
F 3	23 53	14 48	4 37	24 11	1 28	14 38	2 4	13 55	2 21	24 6	0 27	23 0	0 6	12 0	0 17	12 46	1 55	33 24	9 29	23 54	23 54	7 1			n.a.
S 4	23 54	9 55	5 6	24 28	1 33	15 2	2 2	13 57	2 21	24 7	0 27	22 59	0 6	11 59	0 17	12 46	1 55	33 24	9 29	23 54	23 54	7 4			n.a.
S 5	23 55	4 26	5 17	24 44	1 37	15 25	1 59	14 0	2 21	24 8	0 27	22 59	0 6	11 59	0 17	12 46	1 55	33 24	9 29	23 54	23 54	7 7			n.a.
M 6	23 55	1n21	5 9	24 58	1 41	15 47	1 56	14 2	2 21	24 9	0 27	22 58	0 6	11 58	0 17	12 47	1 55	33 24	9 29	23 54	23 54	7 10			n.a.
T 7	23 55	7 8	4 42	25 11	1 44	16 10	1 53	14 5	2 20	24 10	0 27	22 58	0 6	11 58	0 17	12 47	1 55	33 24	9 30	23 54	23 54	7 13			n.a.
W 8	23 55	12 37	3 57	25 22	1 47	16 32	1 50	14 8	2 20	24 11	0 27	22 57	0 6	11 58	0 17	12 47	1 55	33 24	9 30	23 54	23 54	7 15			n.a.
T 9	23 54	17 23	2 56	25 32	1 50	16 53	1 47	14 11	2 20	24 11	0 27	22 57	0 5	11 58	0 17	12 47	1 55	33 24	9 30	23 54	23 54	7 18			n.a.
F 10	23 52	21 7	1 44	25 40	1 53	17 15	1 45	14 15	2 20	24 12	0 28	22 57	0 5	11 57	0 17	12 48	1 55	33 24	9 30	23 54	23 54	7 21			n.a.
S 11	23 50	23 28	0 26	25 46	1 55	17 35	1 41	14 18	2 20	24 13	0 28	22 56	0 5	11 57	0 17	12 48	1 55	33 24	9 30	23 54	23 54	7 24			n.a.
S 12	23 48	24 15	0n52	25 51	1 57	17 56	1 38	14 22	2 20	24 14	0 28	22 56	0 5	11 57	0 17	12 48	1 55	33 24	9 30	23 54	23 54	7 26			n.a.
M13	23 45	23 30	2 6	25 53	1 58	18 16	1 35	14 26	2 19	24 15	0 28	22 55	0 5	11 57	0 17	12 49	1 55	33 24	9 30	23 54	23 54	7 29			n.a.
T 14	23 42	21 23	3 10	25 54	1 59	18 35	1 32	14 30	2 19	24 16	0 28	22 55	0 5	11 56	0 17	12 49	1 55	33 24	9 30	23 54	23 54	7 32			n.a.
W15	23 38	18 10	4 3	25 53	1 59	18 54	1 29	14 35	2 19	24 16	0 28	22 55	0 5	11 56	0 17	12 49	1 55	33 24	9 30	23 54	23 54	7 35			n.a.
T 16	23 34	14 11	4 42	25 50	1 59	19 13	1 26	14 39	2 19	24 17	0 28	22 54	0 5	11 56	0 17	12 50	1 55	33 24	9 30	23 54	23 54	7 37			n.a.
F 17	23 29	9 40	5 7	25 45	1 59	19 31	1 23	14 44	2 18	24 18	0 28	22 54	0 5	11 56	0 17	12 50	1 55	33 24	9 30	23 54	23 54	7 40			n.a.
S 18	23 24	4 53	5 17	25 38	1 58	19 49	1 19	14 49	2 18	24 18	0 29	22 54	0 4	11 56	0 17	12 51	1 55	33 24	9 30	23 54	23 54	7 43			n.a.
S 19	23 18	0 0	5 12	25 28	1 56	20 6	1 16	14 54	2 18	24 19	0 29	22 53	0 4	11 56	0 17	12 51	1 56	33 24	9 30	23 54	23 55	7 46			n.a.
M20	23 12	4 s50	4 55	25 17	1 54	20 22	1 13	14 59	2 18	24 20	0 29	22 53	0 4	11 56	0 17	12 51	1 56	33 24	9 30	23 54	23 55	7 48			n.a.
T 21	23 6	9 30	4 25	25 3	1 52	20 38	1 10	15 4	2 17	24 20	0 29	22 52	0 4	11 55	0 17	12 52	1 56	33 24	9 30	23 54	23 55	7 51			n.a.
W22	22 59	13 49	3 44	24 46	1 49	20 54	1 6	15 9	2 17	24 21	0 29	22 52	0 4	11 55	0 17	12 52	1 56	33 24	9 30	23 54	23 55	7 54			n.a.
T 23	22 52	17 39	2 52	24 28	1 45	21 9	1 3	15 15	2 17	24 21	0 29	22 52	0 4	11 55	0 17	12 53	1 56	33 24	9 30	23 54	23 55	7 57			n.a.
F 24	22 44	20 47	1 52	24 7	1 41	21 23	1 0	15 20	2 16	24 22	0 29	22 51	0 4	11 55	0 17	12 53	1 56	33 24	9 30	23 54	23 55	7 59			n.a.
S 25	22 36	23 1	0 46	23 44	1 36	21 37	0 56	15 26	2 16	24 22	0 29	22 51	0 4	11 55	0 17	12 53	1 56	33 24	9 30	23 54	23 55	8 2			n.a.
S 26	22 27	24 9	0 s24	23 19	1 30	21 50	0 53	15 32	2 16	24 23	0 30	22 51	0 4	11 55	0 17	12 54	1 56	33 24	9 30	23 54	23 55	8 5			n.a.
M27	22 18	24 0	1 34	22 51	1 24	22 3	0 50	15 38	2 15	24 23	0 30	22 50	0 3	11 55	0 16	12 54	1 56	33 24	9 30	23 54	23 55	8 8			n.a.
T 28	22 9	22 31	2 40	22 21	1 17	22 15	0 46	15 44	2 15	24 24	0 30	22 50	0 3	11 55	0 16	12 55	1 56	33 24	9 30	23 54	23 55	8 10			n.a.
W29	21 59	19 45	3 39	21 49	1 9	22 26	0 43	15 50	2 15	24 24	0 30	22 50	0 3	11 56	0 16	12 55	1 56	33 24	9 30	23 54	23 55	8 13			n.a.
T 30	21 49	15 51	4 26	21 15	1 1	22 37	0 40	15 57	2 14	24 25	0 30	22 50	0 3	11 56	0 16	12 56	1 56	33 24	9 30	23 54	23 55	8 16			n.a.
F 31	21 s38	11 s 4	4 s58	20 s39	0 s52	22 s47	0n36	16n 3	2n14	24 s25	0 s30	22n49	0 s 3	11n56	0 s16	12n56	1n56	33n24	9n30	23n54	23n55	8 s19			n.a.

Julian Day Number = 990557.5, Delta T = 13h02m59s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'37, Lahiri = -31°32'37 Julian Calendar 1 Jan. 2001 BCE == Greg. Calendar 15 Dec. 2002 BCE

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

FEBRUARY 2001 BCE (-2000) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 34 10	25♉35'53	27♓49	5♒20	19♐22	6♉48	28♐20	13°R22	1♉22	1°R33	27°R41	2°R 8	1♋18	2♏14	n.a.	S 1
S 2	7 38 7	26°35'23	11♈56	7°17	20°34	7° 8	28°33	13♊19	1°23	1♍31	27♊40	2♋ 6	1°15	2°21	n.a.	S 2
M 3	7 42 3	27°34'51	26° 6	9°12	21°46	7°29	28°46	13°17	1°23	1°30	27°39	2°D 5	1°12	2°28	n.a.	M 3
T 4	7 46 0	28°34'16	10♉17	11° 6	22°58	7°50	29° 0	13°14	1°23	1°29	27°37	2° 6	1° 8	2°34	n.a.	T 4
W 5	7 49 56	29°33'39	24°28	12°58	24°10	8°12	29°13	13°11	1°24	1°28	27°36	2° 7	1° 5	2°41	n.a.	W 5
T 6	7 53 53	0♒33'00	8♊36	14°48	25°22	8°34	29°26	13° 9	1°25	1°26	27°35	2° 9	1° 2	2°48	n.a.	T 6
F 7	7 57 50	1°32'18	22°39	16°35	26°34	8°56	29°40	13° 6	1°25	1°25	27°34	2°10	0°59	2°54	n.a.	F 7
S 8	8 1 46	2°31'34	6♋35	18°18	27°46	9°18	29°53	13° 4	1°26	1°23	27°33	2°R10	0°56	3° 1	n.a.	S 8
S 9	8 5 43	3°30'47	20°21	19°58	28°58	9°41	0♑ 6	13° 2	1°27	1°22	27°31	2° 9	0°52	3° 8	n.a.	S 9
M10	8 9 39	4°29'58	3♌54	21°33	0♑10	10° 4	0°19	13° 0	1°27	1°21	27°30	2° 6	0°49	3°15	n.a.	M10
T 11	8 13 36	5°29'07	17°12	23° 4	1°22	10°27	0°32	12°58	1°28	1°19	27°29	2° 1	0°46	3°21	n.a.	T 11
W12	8 17 32	6°28'13	0♍13	24°30	2°34	10°51	0°45	12°56	1°29	1°18	27°28	1°56	0°43	3°28	n.a.	W12
T 13	8 21 29	7°27'17	12°58	25°50	3°47	11°15	0°58	12°54	1°30	1°16	27°27	1°50	0°40	3°35	n.a.	T 13
F 14	8 25 25	8°26'20	25°26	27° 5	4°59	11°39	1°11	12°52	1°31	1°15	27°26	1°44	0°37	3°41	n.a.	F 14
S 15	8 29 22	9°25'20	7♎39	28°14	6°11	12° 3	1°23	12°50	1°32	1°13	27°25	1°39	0°33	3°48	n.a.	S 15
S 16	8 33 18	10°24'18	19°41	29°17	7°23	12°28	1°36	12°49	1°33	1°12	27°24	1°35	0°30	3°55	n.a.	S 16
M17	8 37 15	11°23'14	1♏35	0♓13	8°35	12°53	1°49	12°47	1°34	1°10	27°23	1°32	0°27	4° 2	n.a.	M17
T 18	8 41 12	12°22'09	13°27	1° 3	9°48	13°18	2° 1	12°46	1°36	1° 9	27°22	1°D32	0°24	4° 8	n.a.	T 18
W19	8 45 8	13°21'01	25°20	1°46	11° 0	13°43	2°14	12°45	1°37	1° 7	27°21	1°33	0°21	4°15	n.a.	W19
T 20	8 49 5	14°19'52	7♐20	2°22	12°12	14° 9	2°26	12°44	1°38	1° 6	27°20	1°34	0°18	4°22	n.a.	T 20
F 21	8 53 1	15°18'41	19°32	2°52	13°25	14°34	2°39	12°43	1°40	1° 4	27°19	1°35	0°14	4°28	n.a.	F 21
S 22	8 56 58	16°17'27	2♑ 0	3°14	14°37	15° 0	2°51	12°42	1°41	1° 3	27°18	1°R36	0°11	4°35	n.a.	S 22
S 23	9 0 54	17°16'12	14°48	3°30	15°49	15°27	3° 3	12°41	1°42	1° 1	27°17	1°35	0° 8	4°42	n.a.	S 23
M24	9 4 51	18°14'55	27°58	3°39	17° 2	15°53	3°15	12°40	1°44	1° 0	27°17	1°32	0° 5	4°48	n.a.	M24
T 25	9 8 47	19°13'36	11♒30	3°R41	18°14	16°20	3°27	12°40	1°45	0°58	27°16	1°27	0° 2	4°55	n.a.	T 25
W26	9 12 44	20°12'14	25°22	3°37	19°27	16°47	3°39	12°39	1°47	0°56	27°15	1°20	29♊58	5° 2	n.a.	W26
T 27	9 16 40	21°10'51	9♓31	3°27	20°39	17°14	3°51	12°39	1°49	0°55	27°14	1°12	29°55	5° 9	n.a.	T 27
F 28	9 20 37	22° 9'25	23°51	3°11	21°51	17°41	4° 3	12°39	1°50	0°53	27°13	1° 4	29°52	5°15	n.a.	F 28
S 29	9 24 34	23♒ 7'57	8♈17	2♓49	23♑ 4	18♉ 8	4♑15	12♊38	1♉52	0♍52	27♊13	0♋57	29♊49	5♏22	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21 s27	5 s39	5 s13	20 s 1	0 s43	22 s57	0n33	16n 9	2n14	24 s25	0 s30	22n49	0 s 3	11n56	0 s16	12n57	1n56	33n24	9n30	23n54	23n55	8 s21		n.a.
S 2	21 16	0n 4	5 10	19 21	0 33	23 5	0 30	16 16	2 13	24 26	0 31	22 49	0 3	11 56	0 16	12 57	1 56	33 24	9 30	23 54	23 55	8 24		n.a.
M 3	21 4	5 49	4 47	18 40	0 22	23 14	0 26	16 23	2 13	24 26	0 31	22 49	0 3	11 56	0 16	12 58	1 56	33 24	9 30	23 54	23 55	8 27		n.a.
T 4	20 52	11 18	4 7	17 58	0 11	23 21	0 23	16 29	2 13	24 26	0 31	22 48	0 3	11 56	0 16	12 58	1 56	33 24	9 30	23 54	23 55	8 29		n.a.
W 5	20 39	16 10	3 12	17 15	0n 1	23 28	0 20	16 36	2 12	24 26	0 31	22 48	0 2	11 57	0 16	12 59	1 56	33 23	9 29	23 54	23 55	8 32		n.a.
T 6	20 26	20 7	2 6	16 31	0 13	23 34	0 16	16 43	2 12	24 27	0 31	22 48	0 2	11 57	0 16	12 59	1 56	33 23	9 29	23 54	23 55	8 35		n.a.
F 7	20 13	22 51	0 52	15 47	0 25	23 40	0 13	16 50	2 12	24 27	0 31	22 48	0 2	11 57	0 16	13 0	1 56	33 23	9 29	23 54	23 55	8 38		n.a.
S 8	20 0	24 10	0n24	15 3	0 38	23 44	0 10	16 57	2 11	24 27	0 32	22 47	0 2	11 57	0 16	13 0	1 57	33 23	9 29	23 54	23 55	8 40		n.a.
S 9	19 46	23 58	1 38	14 19	0 51	23 48	0 7	17 4	2 11	24 27	0 32	22 47	0 2	11 58	0 16	13 1	1 57	33 23	9 29	23 54	23 55	8 43		n.a.
M10	19 31	22 20	2 45	13 36	1 4	23 52	0 4	17 11	2 10	24 27	0 32	22 47	0 2	11 58	0 16	13 1	1 57	33 23	9 29	23 54	23 55	8 46		n.a.
T 11	19 17	19 30	3 41	12 54	1 17	23 55	0 0	17 18	2 10	24 27	0 32	22 47	0 2	11 58	0 16	13 2	1 57	33 23	9 29	23 55	23 55	8 49		n.a.
W12	19 2	15 44	4 25	12 12	1 30	23 57	0 s 3	17 26	2 10	24 27	0 32	22 47	0 2	11 59	0 16	13 3	1 57	33 23	9 29	23 55	23 55	8 51		n.a.
T 13	18 47	11 20	4 54	11 33	1 43	23 58	0 6	17 33	2 9	24 28	0 32	22 47	0 2	11 59	0 16	13 3	1 57	33 23	9 29	23 55	23 55	8 54		n.a.
F 14	18 31	6 33	5 9	10 55	1 56	23 58	0 9	17 40	2 9	24 28	0 32	22 47	0 1	11 59	0 16	13 4	1 57	33 22	9 29	23 55	23 55	8 57		n.a.
S 15	18 15	1 37	5 9	10 20	2 8	23 58	0 12	17 48	2 8	24 28	0 33	22 46	0 1	12 0	0 16	13 4	1 57	33 22	9 29	23 55	23 55	9 0		n.a.
S 16	17 59	3 s18	4 55	9 46	2 20	23 58	0 15	17 55	2 8	24 28	0 33	22 46	0 1	12 0	0 16	13 5	1 57	33 22	9 28	23 55	23 55	9 2		n.a.
M17	17 43	8 4	4 29	9 16	2 32	23 56	0 18	18 2	2 8	24 28	0 33	22 46	0 1	12 1	0 16	13 5	1 57	33 22	9 28	23 55	23 55	9 5		n.a.
T 18	17 26	12 31	3 52	8 48	2 42	23 54	0 21	18 10	2 7	24 28	0 33	22 46	0 1	12 1	0 16	13 6	1 57	33 22	9 28	23 55	23 55	9 8		n.a.
W19	17 9	16 31	3 4	8 23	2 52	23 51	0 23	18 17	2 7	24 28	0 33	22 46	0 1	12 2	0 16	13 7	1 57	33 22	9 28	23 55	23 55	9 11		n.a.
T 20	16 52	19 53	2 8	8 1	3 2	23 47	0 26	18 25	2 6	24 28	0 34	22 46	0 1	12 2	0 16	13 7	1 57	33 22	9 28	23 55	23 55	9 13		n.a.
F 21	16 34	22 25	1 5	7 43	3 10	23 43	0 29	18 32	2 6	24 28	0 34	22 46	0 1	12 2	0 16	13 8	1 57	33 22	9 28	23 55	23 55	9 16		n.a.
S 22	16 16	23 57	0 s 2	7 28	3 17	23 38	0 32	18 40	2 6	24 27	0 34	22 46	0 1	12 3	0 16	13 8	1 57	33 21	9 28	23 55	23 55	9 19		n.a.
S 23	15 58	24 15	1 11	7 16	3 23	23 32	0 34	18 47	2 5	24 27	0 34	22 46	0 1	12 4	0 16	13 9	1 57	33 21	9 28	23 55	23 55	9 21		n.a.
M24	15 40	23 14	2 17	7 9	3 28	23 26	0 37	18 55	2 5	24 27	0 34	22 46	0 0	12 4	0 16	13 10	1 57	33 21	9 27	23 55	23 55	9 24		n.a.
T 25	15 21	20 51	3 18	7 4	3 32	23 19	0 40	19 2	2 4	24 27	0 34	22 46	0 0	12 5	0 16	13 10	1 57	33 21	9 27	23 55	23 55	9 27		n.a.
W26	15 3	17 13	4 9	7 4	3 34	23 11	0 42	19 10	2 4	24 27	0 35	22 46	0 0	12 5	0 16	13 11	1 57	33 21	9 27	23 55	23 55	9 30		n.a.
T 27	14 44	12 32	4 45	7 7	3 35	23 2	0 45	19 17	2 4	24 27	0 35	22 46	0 0	12 6	0 16	13 11	1 57	33 21	9 27	23 55	23 55	9 32		n.a.
F 28	14 24	7 7	5 4	7 13	3 34	22 53	0 47	19 25	2 3	24 27	0 35	22 46	0 0	12 6	0 16	13 12	1 57	33 20	9 27	23 55	23 55	9 35		n.a.
S 29	14 s 5	1 s17	5 s 4	7 s23	3n32	22 s43	0 s50	19n32	2n 3	24 s26	0 s35	22n46	0n 0	12n 7	0 s16	13n13	1n57	33n20	9n27	23n55	23n55	9 s38		n.a.

Julian Day Number = 990588.5, Delta T = 13h02m57s
Ecliptic obliquity = 23°55'27, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'33, Lahiri = -31°32'33 Julian Calendar 1 Feb. 2001 BCE == Greg. Calendar 15 Jan. 2001 BCE

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

MARCH 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 28 30	24♒ 6'26	22♈43	2°R23	24♉16	18♉36	4♉26	12°D38	1♉54	0°R50	27°R12	0°R51	29♊46	5♏29	n.a.	S 1
M 2	9 32 27	25° 4'54	7♉ 5	1♓52	25°29	19° 4	4°38	12♊39	1°56	0♍48	27♊11	0♋48	29°43	5°35	n.a.	M 2
T 3	9 36 23	26° 3'19	21°18	1°17	26°41	19°32	4°49	12°39	1°58	0°47	27°11	0°D46	29°39	5°42	n.a.	T 3
W 4	9 40 20	27° 1'41	5♊21	0°39	27°54	20° 0	5° 1	12°39	2° 0	0°45	27°10	0°47	29°36	5°49	n.a.	W 4
T 5	9 44 16	28° 0'02	19°14	29♒59	29° 6	20°29	5°12	12°39	2° 1	0°43	27°10	0°47	29°33	5°55	n.a.	T 5
F 6	9 48 13	28°58'20	2♋55	29°18	0♒19	20°57	5°23	12°40	2° 3	0°42	27° 9	0°R48	29°30	6° 2	n.a.	F 6
S 7	9 52 9	29°56'36	16°26	28°36	1°31	21°26	5°34	12°40	2° 6	0°40	27° 8	0°47	29°27	6° 9	n.a.	S 7
S 8	9 56 6	0♓54'49	29°47	27°53	2°44	21°55	5°45	12°41	2° 8	0°39	27° 8	0°43	29°24	6°15	n.a.	S 8
M 9	10 0 2	1°53'01	12♌56	27°12	3°56	22°24	5°56	12°42	2°10	0°37	27° 7	0°37	29°20	6°22	n.a.	M 9
T 10	10 3 59	2°51'11	25°54	26°32	5° 9	22°53	6° 7	12°43	2°12	0°35	27° 7	0°29	29°17	6°29	n.a.	T 10
W11	10 7 56	3°49'18	8♍40	25°54	6°21	23°22	6°18	12°44	2°14	0°34	27° 7	0°18	29°14	6°36	n.a.	W11
T 12	10 11 52	4°47'24	21°13	25°19	7°34	23°52	6°28	12°45	2°16	0°32	27° 6	0° 7	29°11	6°42	n.a.	T 12
F 13	10 15 49	5°45'27	3♎33	24°47	8°46	24°22	6°39	12°46	2°19	0°30	27° 6	29♊55	29° 8	6°49	n.a.	F 13
S 14	10 19 45	6°43'29	15°42	24°19	9°59	24°51	6°49	12°48	2°21	0°29	27° 5	29°45	29° 4	6°56	n.a.	S 14
S 15	10 23 42	7°41'30	27°42	23°55	11°11	25°21	7° 0	12°49	2°23	0°27	27° 5	29°36	29° 1	7° 2	n.a.	S 15
M16	10 27 38	8°39'28	9♏34	23°35	12°24	25°51	7°10	12°51	2°26	0°26	27° 5	29°30	28°58	7° 9	n.a.	M16
T 17	10 31 35	9°37'26	21°24	23°20	13°37	26°22	7°20	12°52	2°28	0°24	27° 5	29°26	28°55	7°16	n.a.	T 17
W18	10 35 31	10°35'21	3♐16	23°10	14°49	26°52	7°30	12°54	2°31	0°22	27° 4	29°25	28°52	7°22	n.a.	W18
T 19	10 39 28	11°33'16	15°15	23° 4	16° 2	27°22	7°40	12°56	2°33	0°21	27° 4	29°D25	28°49	7°29	n.a.	T 19
F 20	10 43 24	12°31'08	27°26	23°D 3	17°15	27°53	7°49	12°58	2°36	0°19	27° 4	29°R25	28°45	7°36	n.a.	F 20
S 21	10 47 21	13°29'00	9♑55	23° 7	18°27	28°24	7°59	13° 0	2°38	0°18	27° 4	29°24	28°42	7°43	n.a.	S 21
S 22	10 51 18	14°26'50	22°45	23°16	19°40	28°55	8° 9	13° 2	2°41	0°16	27° 4	29°22	28°39	7°49	n.a.	S 22
M23	10 55 14	15°24'38	6♒ 2	23°29	20°53	29°26	8°18	13° 4	2°44	0°14	27° 4	29°18	28°36	7°56	n.a.	M23
T 24	10 59 11	16°22'25	19°44	23°47	22° 5	29°57	8°27	13° 7	2°46	0°13	27° 3	29°11	28°33	8° 3	n.a.	T 24
W25	11 3 7	17°20'11	3♓53	24°10	23°18	0♊28	8°36	13° 9	2°49	0°11	27° 3	29° 2	28°29	8° 9	n.a.	W25
T 26	11 7 4	18°17'55	18°23	24°36	24°31	0°59	8°45	13°12	2°52	0°10	27°D 3	28°51	28°26	8°16	n.a.	T 26
F 27	11 11 0	19°15'37	3♈ 8	25° 7	25°44	1°31	8°54	13°14	2°55	0° 8	27° 3	28°40	28°23	8°23	n.a.	F 27
S 28	11 14 57	20°13'18	18° 0	25°42	26°56	2° 2	9° 3	13°17	2°58	0° 7	27° 3	28°30	28°20	8°29	n.a.	S 28
S 29	11 18 53	21°10'57	2♉50	26°21	28° 9	2°34	9°12	13°20	3° 0	0° 5	27° 4	28°22	28°17	8°36	n.a.	S 29
M30	11 22 50	22° 8'35	17°30	27° 4	29°22	3° 6	9°20	13°23	3° 3	0° 4	27° 4	28°16	28°14	8°43	n.a.	M30
T 31	11 26 47	23♓ 6'11	1♊55	27♒50	0♓35	3♊38	9♑29	13♊26	3♉ 6	0♍ 2	27♊ 4	28♊13	28♊10	8♏49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	13s45	4n37	4s45	7s36	3n28	22s33	0s52	19n40	2n 2	24s26	0s35	22n47	0n 0	12n 8	0s16	13n13	1n57	33n20	9n27	23n55	23n55	9s41			n.a.
M 2	13 25	10 16	4 7	7 53	3 23	22 22	0 54	19 47	2 2	24 26	0 35	22 47	0 0	12 8	0 16	13 14	1 57	33 20	9 26	23 55	23 55	9 43			n.a.
T 3	13 5	15 19	3 15	8 11	3 16	22 10	0 56	19 55	2 1	24 26	0 36	22 47	0 0	12 9	0 16	13 14	1 57	33 20	9 26	23 55	23 55	9 46			n.a.
W 4	12 45	19 28	2 12	8 33	3 8	21 57	0 58	20 2	2 1	24 25	0 36	22 47	0 1	12 10	0 16	13 15	1 57	33 20	9 26	23 55	23 55	9 49			n.a.
T 5	12 25	22 27	1 2	8 56	2 58	21 44	1 1	20 10	2 1	24 25	0 36	22 47	0 1	12 10	0 16	13 16	1 57	33 19	9 26	23 55	23 55	9 51			n.a.
F 6	12 4	24 5	0n11	9 21	2 47	21 31	1 3	20 17	2 0	24 25	0 36	22 47	0 1	12 11	0 16	13 16	1 57	33 19	9 26	23 55	23 55	9 54			n.a.
S 7	11 43	24 15	1 23	9 48	2 34	21 16	1 5	20 25	2 0	24 25	0 36	22 47	0 1	12 12	0 16	13 17	1 57	33 19	9 26	23 55	23 55	9 57			n.a.
S 8	11 22	23 1	2 28	10 15	2 21	21 1	1 6	20 32	1 59	24 24	0 37	22 48	0 1	12 13	0 16	13 17	1 57	33 19	9 25	23 55	23 55	10 0			n.a.
M 9	11 1	20 32	3 25	10 43	2 7	20 46	1 8	20 39	1 59	24 24	0 37	22 48	0 1	12 13	0 16	13 18	1 57	33 19	9 25	23 55	23 55	10 2			n.a.
T 10	10 40	17 3	4 10	11 10	1 52	20 30	1 10	20 47	1 59	24 24	0 37	22 48	0 1	12 14	0 15	13 19	1 57	33 18	9 25	23 55	23 55	10 5			n.a.
W11	10 18	12 49	4 42	11 38	1 36	20 13	1 12	20 54	1 58	24 23	0 37	22 48	0 1	12 15	0 15	13 19	1 57	33 18	9 25	23 55	23 55	10 8			n.a.
T 12	9 57	8 7	4 59	12 5	1 20	19 56	1 13	21 1	1 58	24 23	0 37	22 48	0 1	12 16	0 15	13 20	1 57	33 18	9 25	23 55	23 55	10 10			n.a.
F 13	9 35	3 10	5 2	12 31	1 4	19 38	1 15	21 8	1 57	24 23	0 38	22 49	0 1	12 17	0 15	13 20	1 57	33 18	9 25	23 55	23 55	10 13			n.a.
S 14	9 13	1s50	4 51	12 56	0 48	19 20	1 17	21 15	1 57	24 22	0 38	22 49	0 1	12 18	0 15	13 21	1 57	33 18	9 24	23 55	23 55	10 16			n.a.
S 15	8 51	6 43	4 28	13 19	0 32	19 1	1 18	21 22	1 57	24 22	0 38	22 49	0 2	12 18	0 15	13 22	1 57	33 18	9 24	23 55	23 55	10 19			n.a.
M16	8 29	11 18	3 52	13 41	0 16	18 42	1 19	21 29	1 56	24 22	0 38	22 50	0 2	12 19	0 15	13 22	1 57	33 17	9 24	23 55	23 55	10 21			n.a.
T 17	8 7	15 28	3 7	14 1	0 0	18 22	1 21	21 36	1 56	24 21	0 38	22 50	0 2	12 20	0 15	13 23	1 57	33 17	9 24	23 55	23 55	10 24			n.a.
W18	7 45	19 2	2 14	14 19	0s15	18 1	1 22	21 43	1 55	24 21	0 39	22 50	0 2	12 21	0 15	13 23	1 57	33 17	9 24	23 55	23 55	10 27			n.a.
T 19	7 22	21 51	1 15	14 34	0 30	17 40	1 23	21 50	1 55	24 21	0 39	22 51	0 2	12 22	0 15	13 24	1 57	33 17	9 23	23 55	23 55	10 29			n.a.
F 20	7 0	23 43	0 10	14 48	0 44	17 19	1 24	21 57	1 54	24 20	0 39	22 51	0 2	12 23	0 15	13 24	1 57	33 17	9 23	23 55	23 55	10 32			n.a.
S 21	6 37	24 28	0s55	14 59	0 58	16 57	1 25	22 3	1 54	24 20	0 39	22 51	0 2	12 24	0 15	13 25	1 57	33 16	9 23	23 55	23 55	10 35			n.a.
S 22	6 15	23 56	2 0	15 9	1 11	16 35	1 26	22 10	1 54	24 20	0 40	22 52	0 2	12 25	0 15	13 26	1 57	33 16	9 23	23 55	23 55	10 38			n.a.
M23	5 52	22 4	3 1	15 16	1 23	16 12	1 27	22 16	1 53	24 19	0 40	22 52	0 2	12 26	0 15	13 26	1 57	33 16	9 23	23 55	23 55	10 40			n.a.
T 24	5 29	18 52	3 53	15 20	1 34	15 49	1 28	22 23	1 53	24 19	0 40	22 52	0 2	12 27	0 15	13 27	1 57	33 16	9 23	23 55	23 55	10 43			n.a.
W25	5 6	14 30	4 33	15 23	1 45	15 25	1 29	22 29	1 52	24 18	0 40	22 53	0 3	12 28	0 15	13 27	1 57	33 16	9 22	23 55	23 55	10 46			n.a.
T 26	4 43	9 12	4 56	15 23	1 55	15 1	1 30	22 36	1 52	24 18	0 40	22 53	0 3	12 29	0 15	13 28	1 57	33 15	9 22	23 55	23 55	10 48			n.a.
F 27	4 20	3 18	5 0	15 21	2 4	14 37	1 30	22 42	1 51	24 18	0 41	22 54	0 3	12 30	0 15	13 28	1 57	33 15	9 22	23 55	23 55	10 51			n.a.
S 28	3 57	2n50	4 44	15 17	2 12	14 12	1 31	22 48	1 51	24 17	0 41	22 54	0 3	12 31	0 15	13 29	1 57	33 15	9 22	23 55	23 55	10 54			n.a.
S 29	3 34	8 49	4 9	15 10	2 20	13 47	1 31	22 54	1 51	24 17	0 41	22 55	0 3	12 32	0 15	13 29	1 57	33 15	9 22	23 55	23 55	10 56			n.a.
M30	3 11	14 15	3 17	15 1	2 26	13 21	1 32	23 0	1 50	24 17	0 41	22 55	0 3	12 33	0 15	13 30	1 57	33 15	9 21	23 55	23 55	10 59			n.a.
T 31	2s47	18n47	2s14	14s51	2s33	12s55	1s32	23n 6	1n50	24s16	0s42	22n55	0n 3	12n34	0s15	13n30	1n57	33n15	9n21	23n55	23n55	11s 2			n.a.

Julian Day Number = 990617.5, Delta T = 13h02m55s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'29, Lahiri = -31°32'29 Julian Calendar 1 March 2001 BCE == Greg. Calendar 13 Feb. 2001 BCE

The year -2000 astronomical counting style corresponds to year 2001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

APRIL 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 30 43	24♓ 3'45	16♊ 3	28♒40	1♓47	4♊10	9♑37	13♊29	3♉ 9	0°R 1	27♊ 4	28°R12	28♊ 7	8♏56	n.a.	W 1
T 2	11 34 40	25° 1'17	29°52	29°33	3° 0	4°42	9°45	13°32	3°12	29♌59	27° 4	28♊12	28° 4	9° 3	n.a.	T 2
F 3	11 38 36	25°58'48	13♋24	0♓29	4°13	5°14	9°53	13°36	3°15	29°58	27° 4	28°11	28° 1	9°10	n.a.	F 3
S 4	11 42 33	26°56'17	26°40	1°29	5°26	5°47	10° 1	13°39	3°18	29°56	27° 5	28° 9	27°58	9°16	n.a.	S 4
S 5	11 46 29	27°53'45	9♌42	2°32	6°39	6°19	10° 9	13°43	3°21	29°55	27° 5	28° 5	27°55	9°23	n.a.	S 5
M 6	11 50 26	28°51'11	22°32	3°38	7°51	6°52	10°16	13°46	3°24	29°54	27° 5	27°58	27°51	9°30	n.a.	M 6
T 7	11 54 22	29°48'35	5♍11	4°46	9° 4	7°24	10°24	13°50	3°27	29°52	27° 5	27°48	27°48	9°36	n.a.	T 7
W 8	11 58 19	0♈45'58	17°40	5°58	10°17	7°57	10°31	13°54	3°31	29°51	27° 6	27°36	27°45	9°43	n.a.	W 8
T 9	12 2 16	1°43'20	29°58	7°12	11°30	8°30	10°38	13°58	3°34	29°50	27° 6	27°23	27°42	9°50	n.a.	T 9
F 10	12 6 12	2°40'41	12♎ 8	8°29	12°43	9° 3	10°45	14° 2	3°37	29°48	27° 7	27° 9	27°39	9°56	n.a.	F 10
S 11	12 10 9	3°38'01	24°10	9°49	13°56	9°36	10°52	14° 6	3°40	29°47	27° 7	26°57	27°35	10° 3	n.a.	S 11
S 12	12 14 5	4°35'19	6♏ 5	11°11	15° 9	10° 9	10°59	14°10	3°43	29°46	27° 7	26°47	27°32	10°10	n.a.	S 12
M13	12 18 2	5°32'37	17°55	12°36	16°21	10°42	11° 5	14°14	3°47	29°44	27° 8	26°39	27°29	10°16	n.a.	M13
T 14	12 21 58	6°29'54	29°44	14° 3	17°34	11°16	11°12	14°18	3°50	29°43	27° 8	26°34	27°26	10°23	n.a.	T 14
W15	12 25 55	7°27'10	11♐35	15°33	18°47	11°49	11°18	14°23	3°53	29°42	27° 9	26°31	27°23	10°30	n.a.	W15
T 16	12 29 51	8°24'26	23°33	17° 6	20° 0	12°22	11°24	14°27	3°56	29°41	27°10	26°D30	27°20	10°36	n.a.	T 16
F 17	12 33 48	9°21'41	5♑42	18°41	21°13	12°56	11°30	14°31	4° 0	29°40	27°10	26°R30	27°16	10°43	n.a.	F 17
S 18	12 37 45	10°18'55	18° 9	20°18	22°26	13°30	11°36	14°36	4° 3	29°38	27°11	26°30	27°13	10°50	n.a.	S 18
S 19	12 41 41	11°16'08	0♒58	21°59	23°39	14° 3	11°41	14°41	4° 7	29°37	27°11	26°29	27°10	10°57	n.a.	S 19
M20	12 45 38	12°13'21	14°13	23°41	24°52	14°37	11°47	14°46	4°10	29°36	27°12	26°25	27° 7	11° 3	n.a.	M20
T 21	12 49 34	13°10'33	27°57	25°26	26° 5	15°11	11°52	14°50	4°13	29°35	27°13	26°19	27° 4	11°10	n.a.	T 21
W22	12 53 31	14° 7'45	12♓10	27°14	27°18	15°45	11°57	14°55	4°17	29°34	27°14	26°11	27° 1	11°17	n.a.	W22
T 23	12 57 27	15° 4'56	26°48	29° 3	28°31	16°19	12° 2	15° 0	4°20	29°33	27°14	26° 2	26°57	11°23	n.a.	T 23
F 24	13 1 24	16° 2'07	11♈47	0♈56	29°44	16°53	12° 7	15° 5	4°24	29°32	27°15	25°52	26°54	11°30	n.a.	F 24
S 25	13 5 20	16°59'17	26°55	2°50	0♈58	17°28	12°11	15°10	4°27	29°31	27°16	25°42	26°51	11°37	n.a.	S 25
S 26	13 9 17	17°56'26	12♉ 4	4°47	2°11	18° 2	12°16	15°16	4°31	29°30	27°17	25°35	26°48	11°43	n.a.	S 26
M27	13 13 14	18°53'34	27° 2	6°46	3°24	18°36	12°20	15°21	4°34	29°29	27°18	25°29	26°45	11°50	n.a.	M27
T 28	13 17 10	19°50'42	11♊44	8°47	4°37	19°11	12°24	15°26	4°38	29°28	27°19	25°27	26°41	11°57	n.a.	T 28
W29	13 21 7	20°47'49	26° 3	10°50	5°50	19°45	12°28	15°32	4°41	29°27	27°19	25°D26	26°38	12° 3	n.a.	W29
T 30	13 25 3	21♈44'55	9♋59	12♈55	7♈ 3	20♊20	12♑32	15♊37	4♉45	29♌26	27♊20	25♊27	26♊35	12♏10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s24	22n 7	1s 4	14s38	2s38	12s29	1s32	23n12	1n49	24s16	0s42	22n56	0n 3	12n35	0s15	13n31	1n57	33n14	9n21	23n55	23n55	11s 5		n.a.
T 2	2 1	24 4	0n 9	14 23	2 42	12 2	1 32	23 17	1 49	24 15	0 42	22 56	0 3	12 36	0 15	13 31	1 57	33 14	9 21	23 55	23 55	11 7		n.a.
F 3	1 38	24 33	1 19	14 6	2 46	11 36	1 33	23 23	1 48	24 15	0 42	22 57	0 3	12 37	0 15	13 32	1 57	33 14	9 21	23 55	23 55	11 10		n.a.
S 4	1 14	23 36	2 24	13 47	2 49	11 8	1 33	23 29	1 48	24 15	0 43	22 57	0 3	12 38	0 15	13 32	1 57	33 14	9 20	23 55	23 55	11 13		n.a.
S 5	0 51	21 23	3 20	13 26	2 51	10 41	1 33	23 34	1 48	24 14	0 43	22 58	0 4	12 39	0 15	13 33	1 57	33 14	9 20	23 55	23 54	11 15		n.a.
M 6	0 28	18 8	4 5	13 3	2 53	10 13	1 33	23 39	1 47	24 14	0 43	22 59	0 4	12 40	0 15	13 33	1 57	33 13	9 20	23 55	23 54	11 18		n.a.
T 7	0 5	14 5	4 37	12 38	2 54	9 45	1 32	23 44	1 47	24 14	0 43	22 59	0 4	12 41	0 15	13 34	1 57	33 13	9 20	23 54	23 54	11 21		n.a.
W 8	0n19	9 29	4 55	12 11	2 54	9 17	1 32	23 50	1 46	24 13	0 44	23 0	0 4	12 42	0 15	13 34	1 57	33 13	9 20	23 54	23 54	11 23		n.a.
T 9	0 42	4 34	5 0	11 43	2 53	8 48	1 32	23 55	1 46	24 13	0 44	23 0	0 4	12 43	0 15	13 35	1 57	33 13	9 19	23 54	23 54	11 26		n.a.
F 10	1 5	0s27	4 50	11 12	2 52	8 20	1 32	23 59	1 45	24 13	0 44	23 1	0 4	12 44	0 15	13 35	1 57	33 13	9 19	23 54	23 54	11 29		n.a.
S 11	1 28	5 25	4 27	10 40	2 50	7 51	1 31	24 4	1 45	24 12	0 44	23 1	0 4	12 46	0 15	13 36	1 57	33 12	9 19	23 53	23 54	11 31		n.a.
S 12	1 52	10 9	3 53	10 6	2 48	7 22	1 31	24 9	1 45	24 12	0 45	23 2	0 4	12 47	0 15	13 36	1 57	33 12	9 19	23 53	23 54	11 34		n.a.
M13	2 15	14 30	3 9	9 30	2 45	6 52	1 30	24 13	1 44	24 12	0 45	23 3	0 4	12 48	0 15	13 36	1 57	33 12	9 19	23 53	23 54	11 37		n.a.
T 14	2 38	18 17	2 17	8 52	2 41	6 23	1 30	24 18	1 44	24 11	0 45	23 3	0 4	12 49	0 15	13 37	1 57	33 12	9 18	23 53	23 54	11 39		n.a.
W15	3 1	21 20	1 18	8 12	2 36	5 53	1 29	24 22	1 43	24 11	0 45	23 4	0 4	12 50	0 15	13 37	1 57	33 12	9 18	23 53	23 54	11 42		n.a.
T 16	3 24	23 30	0 16	7 31	2 32	5 23	1 28	24 26	1 43	24 11	0 46	23 4	0 5	12 51	0 15	13 38	1 57	33 12	9 18	23 53	23 54	11 45		n.a.
F 17	3 47	24 37	0s49	6 48	2 26	4 53	1 27	24 30	1 42	24 11	0 46	23 5	0 5	12 52	0 15	13 38	1 57	33 11	9 18	23 53	23 54	11 48		n.a.
S 18	4 10	24 31	1 52	6 3	2 20	4 23	1 27	24 34	1 42	24 10	0 46	23 6	0 5	12 54	0 15	13 38	1 57	33 11	9 18	23 53	23 54	11 50		n.a.
S 19	4 33	23 9	2 52	5 17	2 13	3 53	1 26	24 38	1 42	24 10	0 46	23 6	0 5	12 55	0 15	13 39	1 57	33 11	9 18	23 53	23 54	11 53		n.a.
M20	4 55	20 28	3 45	4 29	2 6	3 22	1 25	24 41	1 41	24 10	0 47	23 7	0 5	12 56	0 15	13 39	1 57	33 11	9 17	23 53	23 54	11 56		n.a.
T 21	5 18	16 35	4 26	3 39	1 58	2 52	1 24	24 45	1 41	24 10	0 47	23 7	0 5	12 57	0 15	13 40	1 56	33 11	9 17	23 52	23 53	11 58		n.a.
W22	5 41	11 38	4 53	2 48	1 50	2 21	1 23	24 48	1 40	24 10	0 47	23 8	0 5	12 58	0 15	13 40	1 56	33 11	9 17	23 52	23 53	12 1		n.a.
T 23	6 3	5 54	5 2	1 56	1 42	1 50	1 22	24 52	1 40	24 9	0 48	23 9	0 5	13 0	0 15	13 40	1 56	33 10	9 17	23 52	23 53	12 4		n.a.
F 24	6 26	0n18	4 51	1 2	1 32	1 20	1 20	24 55	1 39	24 9	0 48	23 9	0 5	13 1	0 15	13 41	1 56	33 10	9 17	23 51	23 53	12 6		n.a.
S 25	6 48	6 34	4 19	0 7	1 23	0 49	1 19	24 58	1 39	24 9	0 48	23 10	0 5	13 2	0 15	13 41	1 56	33 10	9 16	23 51	23 53	12 9		n.a.
S 26	7 11	12 27	3 29	0n49	1 13	0 18	1 18	25 0	1 38	24 9	0 48	23 11	0 5	13 3	0 15	13 41	1 56	33 10	9 16	23 51	23 53	12 12		n.a.
M27	7 33	17 32	2 25	1 47	1 3	0n13	1 16	25 3	1 38	24 9	0 49	23 11	0 5	13 4	0 15	13 42	1 56	33 10	9 16	23 51	23 53	12 14		n.a.
T 28	7 55	21 27	1 12	2 45	0 53	0 44	1 15	25 6	1 38	24 9	0 49	23 12	0 6	13 6	0 15	13 42	1 56	33 10	9 16	23 51	23 53	12 17		n.a.
W29	8 17	23 55	0n 3	3 44	0 42	1 15	1 13	25 8	1 37	24 9	0 49	23 13	0 6	13 7	0 15	13 42	1 56	33 9	9 16	23 51	23 53	12 19		n.a.
T 30	8n39	24n49	1n17	4n43	0s32	1n45	1s12	25n10	1n37	24s 9	0s50	23n14	0n 6	13n 8	0s15	13n42	1n56	33n 9	9n16	23n51	23n53	12s22		n.a.

Julian Day Number = 990648.5, Delta T = 13h02m53s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'25, Lahiri = -31°32'25 Julian Calendar 1 Apr. 2001 BCE == Greg. Calendar 15 March 2001 BCE

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

MAY 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 29 0	22♈42'00	23♋32	15♈ 1	8♈16	20♊55	12♑35	15♊43	4♉48	29°R26	27♊21	25°R27	26♊32	12♏17	n.a.	F 1
S 2	13 32 56	23°39'05	6♌43	17° 9	9°30	21°30	12°39	15°48	4°52	29♌25	27°22	25♊26	26°29	12°23	n.a.	S 2
S 3	13 36 53	24°36'09	19°37	19°18	10°43	22° 5	12°42	15°54	4°55	29°24	27°23	25°23	26°26	12°30	n.a.	S 3
M 4	13 40 49	25°33'12	2♍15	21°28	11°56	22°39	12°45	16° 0	4°59	29°23	27°24	25°18	26°22	12°37	n.a.	M 4
T 5	13 44 46	26°30'15	14°41	23°38	13° 9	23°14	12°48	16° 5	5° 2	29°23	27°25	25°11	26°19	12°43	n.a.	T 5
W 6	13 48 43	27°27'17	26°56	25°49	14°22	23°50	12°50	16°11	5° 6	29°22	27°27	25° 2	26°16	12°50	n.a.	W 6
T 7	13 52 39	28°24'19	9♎ 3	28° 0	15°36	24°25	12°53	16°17	5° 9	29°21	27°28	24°51	26°13	12°57	n.a.	T 7
F 8	13 56 36	29°21'20	21° 3	0♉11	16°49	25° 0	12°55	16°23	5°13	29°21	27°29	24°41	26°10	13° 4	n.a.	F 8
S 9	14 0 32	0♉18'21	2♏57	2°22	18° 2	25°35	12°57	16°29	5°17	29°20	27°30	24°32	26° 6	13°10	n.a.	S 9
S 10	14 4 29	1°15'22	14°48	4°32	19°15	26°11	12°59	16°35	5°20	29°19	27°31	24°24	26° 3	13°17	n.a.	S 10
M11	14 8 25	2°12'23	26°38	6°41	20°29	26°46	13° 1	16°41	5°24	29°19	27°32	24°18	26° 0	13°24	n.a.	M11
T 12	14 12 22	3° 9'24	8♐27	8°49	21°42	27°22	13° 2	16°48	5°27	29°18	27°33	24°14	25°57	13°30	n.a.	T 12
W13	14 16 19	4° 6'25	20°20	10°56	22°55	27°57	13° 4	16°54	5°31	29°18	27°35	24°D13	25°54	13°37	n.a.	W13
T 14	14 20 15	5° 3'27	2♑20	13° 1	24° 9	28°33	13° 5	17° 0	5°35	29°17	27°36	24°13	25°51	13°44	n.a.	T 14
F 15	14 24 12	6° 0'28	14°31	15° 5	25°22	29° 8	13° 6	17° 6	5°38	29°17	27°37	24°14	25°47	13°50	n.a.	F 15
S 16	14 28 8	6°57'30	26°58	17° 7	26°36	29°44	13° 6	17°13	5°42	29°16	27°39	24°15	25°44	13°57	n.a.	S 16
S 17	14 32 5	7°54'32	9♒45	19° 7	27°49	0♋20	13° 7	17°19	5°45	29°16	27°40	24°R16	25°41	14° 4	n.a.	S 17
M18	14 36 1	8°51'35	22°56	21° 5	29° 3	0°56	13° 7	17°26	5°49	29°16	27°41	24°15	25°38	14°10	n.a.	M18
T 19	14 39 58	9°48'38	6♓35	23° 2	0♉16	1°32	13°R 8	17°32	5°53	29°15	27°43	24°12	25°35	14°17	n.a.	T 19
W20	14 43 54	10°45'41	20°42	24°57	1°29	2° 8	13° 8	17°39	5°56	29°15	27°44	24° 8	25°32	14°24	n.a.	W20
T 21	14 47 51	11°42'45	5♈16	26°49	2°43	2°44	13° 7	17°45	6° 0	29°15	27°45	24° 2	25°28	14°30	n.a.	T 21
F 22	14 51 48	12°39'49	20°12	28°40	3°57	3°20	13° 7	17°52	6° 3	29°15	27°47	23°56	25°25	14°37	n.a.	F 22
S 23	14 55 44	13°36'54	5♉23	0♊29	5°10	3°57	13° 6	17°59	6° 7	29°15	27°48	23°50	25°22	14°44	n.a.	S 23
S 24	14 59 41	14°33'59	20°38	2°16	6°24	4°33	13° 6	18° 6	6°10	29°14	27°50	23°46	25°19	14°50	n.a.	S 24
M25	15 3 37	15°31'04	5♊46	4° 1	7°37	5° 9	13° 5	18°12	6°14	29°14	27°51	23°43	25°16	14°57	n.a.	M25
T 26	15 7 34	16°28'10	20°40	5°44	8°51	5°46	13° 3	18°19	6°18	29°14	27°53	23°D42	25°12	15° 4	n.a.	T 26
W27	15 11 30	17°25'16	5♋11	7°25	10° 5	6°22	13° 2	18°26	6°21	29°14	27°54	23°42	25° 9	15°10	n.a.	W27
T 28	15 15 27	18°22'22	19°18	9° 4	11°18	6°59	13° 0	18°33	6°25	29°D14	27°56	23°44	25° 6	15°17	n.a.	T 28
F 29	15 19 24	19°19'29	2♌58	10°41	12°32	7°36	12°59	18°40	6°28	29°14	27°57	23°45	25° 3	15°24	n.a.	F 29
S 30	15 23 20	20°16'36	16°13	12°16	13°45	8°12	12°57	18°47	6°32	29°14	27°59	23°R46	25° 0	15°31	n.a.	S 30
S 31	15 27 17	21♉13'42	29♌ 6	13♊48	14♉59	8♋49	12♑55	18♊54	6♉35	29♌14	28♊ 0	23♊46	24♊57	15♏37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n 0	24n11	2n24	5n43	0s21	2n16	1s10	25n12	1n36	24s 8	0s50	23n14	0n 6	13n 9	0s15	13n43	1n56	33n 9	9n15	23n51	23n53	12s25		n.a.
S 2	9 22	22 13	3 22	6 43	0 10	2 47	1 9	25 14	1 36	24 8	0 50	23 15	0 6	13 10	0 15	13 43	1 56	33 9	9 15	23 51	23 53	12 27		n.a.
S 3	9 43	19 8	4 8	7 43	0n 1	3 18	1 7	25 16	1 35	24 8	0 50	23 16	0 6	13 12	0 15	13 43	1 56	33 9	9 15	23 51	23 53	12 30		n.a.
M 4	10 4	15 14	4 41	8 42	0 11	3 49	1 5	25 18	1 35	24 8	0 51	23 16	0 6	13 13	0 15	13 43	1 56	33 9	9 15	23 50	23 52	12 33		n.a.
T 5	10 26	10 44	4 59	9 42	0 22	4 19	1 4	25 19	1 34	24 8	0 51	23 17	0 6	13 14	0 15	13 44	1 56	33 9	9 15	23 50	23 52	12 35		n.a.
W 6	10 47	5 53	5 4	10 40	0 32	4 50	1 2	25 21	1 34	24 8	0 51	23 18	0 6	13 15	0 15	13 44	1 56	33 9	9 15	23 50	23 52	12 38		n.a.
T 7	11 7	0 51	4 55	11 37	0 42	5 20	1 0	25 22	1 34	24 9	0 52	23 18	0 6	13 17	0 15	13 44	1 56	33 8	9 15	23 49	23 52	12 41		n.a.
F 8	11 28	4s10	4 33	12 34	0 51	5 51	0 58	25 23	1 33	24 9	0 52	23 19	0 6	13 18	0 15	13 44	1 56	33 8	9 14	23 49	23 52	12 43		n.a.
S 9	11 48	9 0	4 0	13 29	1 0	6 21	0 56	25 24	1 33	24 9	0 52	23 20	0 6	13 19	0 15	13 44	1 56	33 8	9 14	23 49	23 52	12 46		n.a.
S 10	12 9	13 30	3 15	14 22	1 9	6 51	0 54	25 24	1 32	24 9	0 52	23 21	0 7	13 20	0 15	13 44	1 56	33 8	9 14	23 48	23 52	12 49		n.a.
M11	12 29	17 29	2 23	15 13	1 16	7 21	0 52	25 25	1 32	24 9	0 53	23 21	0 7	13 21	0 15	13 45	1 56	33 8	9 14	23 48	23 52	12 51		n.a.
T 12	12 49	20 47	1 24	16 3	1 24	7 51	0 50	25 25	1 31	24 9	0 53	23 22	0 7	13 23	0 15	13 45	1 56	33 8	9 14	23 48	23 52	12 54		n.a.
W13	13 9	23 13	0 21	16 50	1 30	8 21	0 48	25 25	1 31	24 9	0 53	23 23	0 7	13 24	0 15	13 45	1 55	33 8	9 14	23 48	23 52	12 56		n.a.
T 14	13 28	24 38	0s44	17 35	1 36	8 50	0 46	25 25	1 30	24 9	0 54	23 23	0 7	13 25	0 15	13 45	1 55	33 8	9 14	23 48	23 51	12 59		n.a.
F 15	13 48	24 54	1 48	18 18	1 42	9 19	0 44	25 25	1 30	24 10	0 54	23 24	0 7	13 26	0 14	13 45	1 55	33 7	9 13	23 48	23 51	13 2		n.a.
S 16	14 7	23 56	2 48	18 59	1 47	9 49	0 42	25 25	1 29	24 10	0 54	23 25	0 7	13 28	0 14	13 45	1 55	33 7	9 13	23 48	23 51	13 4		n.a.
S 17	14 26	21 43	3 41	19 37	1 51	10 17	0 40	25 24	1 29	24 10	0 55	23 25	0 7	13 29	0 14	13 45	1 55	33 7	9 13	23 48	23 51	13 7		n.a.
M18	14 44	18 18	4 25	20 13	1 54	10 46	0 38	25 24	1 29	24 10	0 55	23 26	0 7	13 30	0 14	13 45	1 55	33 7	9 13	23 48	23 51	13 10		n.a.
T 19	15 3	13 49	4 55	20 47	1 57	11 15	0 35	25 23	1 28	24 11	0 55	23 27	0 7	13 31	0 14	13 45	1 55	33 7	9 13	23 48	23 51	13 12		n.a.
W20	15 21	8 28	5 9	21 18	1 59	11 43	0 33	25 22	1 28	24 11	0 55	23 28	0 7	13 32	0 14	13 45	1 55	33 7	9 13	23 47	23 51	13 15		n.a.
T 21	15 39	2 30	5 4	21 47	2 0	12 11	0 31	25 21	1 27	24 11	0 56	23 28	0 7	13 34	0 14	13 45	1 55	33 7	9 13	23 47	23 51	13 18		n.a.
F 22	15 57	3n46	4 38	22 14	2 1	12 38	0 29	25 20	1 27	24 12	0 56	23 29	0 8	13 35	0 14	13 45	1 55	33 7	9 13	23 47	23 51	13 20		n.a.
S 23	16 15	9 56	3 52	22 38	2 1	13 6	0 26	25 18	1 26	24 12	0 56	23 30	0 8	13 36	0 14	13 45	1 55	33 7	9 12	23 47	23 50	13 23		n.a.
S 24	16 32	15 32	2 50	23 0	2 1	13 33	0 24	25 16	1 26	24 12	0 57	23 30	0 8	13 37	0 14	13 45	1 55	33 7	9 12	23 46	23 50	13 25		n.a.
M25	16 49	20 8	1 36	23 20	1 59	13 59	0 22	25 15	1 25	24 13	0 57	23 31	0 8	13 39	0 14	13 45	1 55	33 7	9 12	23 46	23 50	13 28		n.a.
T 26	17 6	23 19	0 17	23 38	1 58	14 26	0 19	25 12	1 25	24 13	0 57	23 32	0 8	13 40	0 14	13 45	1 55	33 6	9 12	23 46	23 50	13 31		n.a.
W27	17 22	24 51	1n 2	23 53	1 55	14 52	0 17	25 10	1 24	24 14	0 58	23 33	0 8	13 41	0 14	13 45	1 55	33 6	9 12	23 46	23 50	13 33		n.a.
T 28	17 39	24 44	2 15	24 7	1 53	15 18	0 15	25 8	1 24	24 14	0 58	23 33	0 8	13 42	0 14	13 45	1 55	33 6	9 12	23 46	23 50	13 36		n.a.
F 29	17 55	23 6	3 18	24 18	1 49	15 43	0 12	25 5	1 23	24 15	0 58	23 34	0 8	13 43	0 14	13 45	1 55	33 6	9 12	23 46	23 50	13 38		n.a.
S 30	18 10	20 14	4 8	24 27	1 45	16 8	0 10	25 3	1 23	24 15	0 59	23 35	0 8	13 45	0 14	13 45	1 55	33 6	9 12	23 46	23 50	13 41		n.a.
S 31	18n26	16n26	4n44	24n35	1n41	16n32	0s 8	25n 0	1n22	24s16	0s59	23n35	0n 8	13n46	0s14	13n45	1n54	33n 6	9n12	23n46	23n50	13s44		n.a.

Julian Day Number = 990678.5, Delta T = 13h02m51s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'21, Lahiri = -31°32'21 Julian Calendar 1 May 2001 BCE == Greg. Calendar 14 Apr. 2001 BCE

The year -2000 astronomical counting style corresponds to year 2001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

JUNE 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 31 13	22♉10'50	11♍40	15♊19	16♉13	9♋26	12°R52	19♊ 1	6♉39	29♌14	28♊ 2	23°R44	24♊53	15♏44	n.a.	M 1
T 2	15 35 10	23° 7'57	24° 0	16°48	17°27	10° 3	12♑50	19° 8	6°42	29°15	28° 4	23♊41	24°50	15°51	n.a.	T 2
W 3	15 39 6	24° 5'05	6♎ 7	18°15	18°40	10°40	12°47	19°15	6°46	29°15	28° 5	23°37	24°47	15°57	n.a.	W 3
T 4	15 43 3	25° 2'13	18° 6	19°40	19°54	11°17	12°44	19°23	6°49	29°15	28° 7	23°32	24°44	16° 4	n.a.	T 4
F 5	15 47 0	25°59'22	29°59	21° 3	21° 8	11°54	12°41	19°30	6°53	29°15	28° 9	23°28	24°41	16°11	n.a.	F 5
S 6	15 50 56	26°56'32	11♏50	22°23	22°22	12°31	12°38	19°37	6°56	29°15	28°10	23°23	24°38	16°17	n.a.	S 6
S 7	15 54 53	27°53'43	23°40	23°42	23°36	13° 8	12°34	19°44	6°59	29°16	28°12	23°20	24°34	16°24	n.a.	S 7
M 8	15 58 49	28°50'54	5♐31	24°58	24°49	13°45	12°31	19°52	7° 3	29°16	28°14	23°17	24°31	16°31	n.a.	M 8
T 9	16 2 46	29°48'06	17°25	26°11	26° 3	14°23	12°27	19°59	7° 6	29°16	28°15	23°D16	24°28	16°37	n.a.	T 9
W10	16 6 42	0♊45'19	29°25	27°23	27°17	15° 0	12°23	20° 6	7°10	29°17	28°17	23°16	24°25	16°44	n.a.	W10
T 11	16 10 39	1°42'34	11♑33	28°32	28°31	15°38	12°19	20°14	7°13	29°17	28°19	23°17	24°22	16°51	n.a.	T 11
F 12	16 14 35	2°39'49	23°51	29°38	29°45	16°15	12°15	20°21	7°16	29°18	28°21	23°19	24°18	16°57	n.a.	F 12
S 13	16 18 32	3°37'06	6♒24	0♋42	0♊59	16°53	12°10	20°28	7°20	29°18	28°22	23°20	24°15	17° 4	n.a.	S 13
S 14	16 22 29	4°34'23	19°14	1°44	2°13	17°30	12° 5	20°36	7°23	29°19	28°24	23°21	24°12	17°11	n.a.	S 14
M15	16 26 25	5°31'43	2♓24	2°42	3°27	18° 8	12° 1	20°43	7°26	29°19	28°26	23°R22	24° 9	17°17	n.a.	M15
T 16	16 30 22	6°29'03	15°58	3°37	4°41	18°46	11°56	20°51	7°30	29°20	28°28	23°22	24° 6	17°24	n.a.	T 16
W17	16 34 18	7°26'25	29°55	4°30	5°55	19°24	11°51	20°58	7°33	29°21	28°29	23°21	24° 3	17°31	n.a.	W17
T 18	16 38 15	8°23'48	14♈16	5°19	7° 9	20° 2	11°45	21° 6	7°36	29°21	28°31	23°19	23°59	17°37	n.a.	T 18
F 19	16 42 11	9°21'13	28°59	6° 5	8°23	20°39	11°40	21°13	7°39	29°22	28°33	23°18	23°56	17°44	n.a.	F 19
S 20	16 46 8	10°18'39	13♉56	6°47	9°37	21°17	11°34	21°21	7°42	29°23	28°35	23°16	23°53	17°51	n.a.	S 20
S 21	16 50 5	11°16'07	29° 2	7°26	10°51	21°56	11°29	21°28	7°46	29°23	28°37	23°15	23°50	17°57	n.a.	S 21
M22	16 54 1	12°13'36	14♊ 6	8° 0	12° 6	22°34	11°23	21°36	7°49	29°24	28°39	23°14	23°47	18° 4	n.a.	M22
T 23	16 57 58	13°11'06	29° 0	8°31	13°20	23°12	11°17	21°43	7°52	29°25	28°40	23°D14	23°43	18°11	n.a.	T 23
W24	17 1 54	14° 8'38	13♋37	8°57	14°34	23°50	11°10	21°51	7°55	29°26	28°42	23°15	23°40	18°17	n.a.	W24
T 25	17 5 51	15° 6'10	27°50	9°19	15°48	24°29	11° 4	21°59	7°58	29°27	28°44	23°15	23°37	18°24	n.a.	T 25
F 26	17 9 47	16° 3'44	11♌38	9°36	17° 2	25° 7	10°58	22° 6	8° 1	29°28	28°46	23°16	23°34	18°31	n.a.	F 26
S 27	17 13 44	17° 1'19	25° 0	9°48	18°17	25°45	10°51	22°14	8° 4	29°28	28°48	23°16	23°31	18°37	n.a.	S 27
S 28	17 17 40	17°58'55	7♍57	9°55	19°31	26°24	10°45	22°21	8° 7	29°29	28°50	23°17	23°28	18°44	n.a.	S 28
M29	17 21 37	18°56'32	20°33	9°R57	20°45	27° 2	10°38	22°29	8°10	29°30	28°52	23°R17	23°24	18°51	n.a.	M29
T 30	17 25 34	19♊54'11	2♎51	9♋53	21♊59	27♋41	10♑31	22♊37	8♉13	29♌31	28♊54	23♊17	23♊21	18♏57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	18n41	12n 1	5n 6	24n41	1n36	16n56	0s 5	24n57	1n22	24s16	0s59	23n36	0n 8	13n47	0s14	13n45	1n54	33n 6	9n12	23n46	23n49	13s46		n.a.	M 1
T 2	18 56	7 12	5 13	24 45	1 30	17 20	0 3	24 53	1 21	24 17	0 59	23 37	0 8	13 48	0 14	13 45	1 54	33 6	9 11	23 46	23 49	13 49		n.a.	T 2
W 3	19 10	2 11	5 5	24 47	1 24	17 43	0 0	24 50	1 21	24 17	1 0	23 37	0 9	13 49	0 14	13 45	1 54	33 6	9 11	23 46	23 49	13 51		n.a.	W 3
T 4	19 25	2s52	4 45	24 48	1 18	18 6	0n 2	24 46	1 21	24 18	1 0	23 38	0 9	13 50	0 14	13 45	1 54	33 6	9 11	23 46	23 49	13 54		n.a.	T 4
F 5	19 39	7 47	4 12	24 47	1 11	18 29	0 4	24 42	1 20	24 18	1 0	23 39	0 9	13 52	0 14	13 45	1 54	33 6	9 11	23 46	23 49	13 57		n.a.	F 5
S 6	19 52	12 24	3 28	24 45	1 3	18 50	0 7	24 38	1 20	24 19	1 1	23 39	0 9	13 53	0 14	13 44	1 54	33 6	9 11	23 45	23 49	13 59		n.a.	S 6
S 7	20 5	16 34	2 36	24 42	0 55	19 12	0 9	24 34	1 19	24 20	1 1	23 40	0 9	13 54	0 14	13 44	1 54	33 6	9 11	23 45	23 49	14 2		n.a.	S 7
M 8	20 18	20 5	1 36	24 37	0 47	19 33	0 11	24 30	1 19	24 20	1 1	23 41	0 9	13 55	0 14	13 44	1 54	33 6	9 11	23 45	23 48	14 4		n.a.	M 8
T 9	20 31	22 47	0 32	24 30	0 38	19 53	0 14	24 25	1 18	24 21	1 1	23 41	0 9	13 56	0 14	13 44	1 54	33 6	9 11	23 45	23 48	14 7		n.a.	T 9
W10	20 43	24 29	0s34	24 23	0 29	20 13	0 16	24 21	1 18	24 22	1 2	23 42	0 9	13 57	0 14	13 44	1 54	33 6	9 11	23 45	23 48	14 10		n.a.	W10
T 11	20 55	25 3	1 39	24 15	0 20	20 32	0 18	24 16	1 17	24 22	1 2	23 43	0 9	13 58	0 14	13 43	1 54	33 6	9 11	23 45	23 48	14 12		n.a.	T 11
F 12	21 7	24 25	2 41	24 5	0 10	20 51	0 21	24 11	1 17	24 23	1 2	23 43	0 9	14 0	0 14	13 43	1 54	33 6	9 11	23 45	23 48	14 15		n.a.	F 12
S 13	21 18	22 32	3 36	23 55	0s 0	21 9	0 23	24 6	1 16	24 24	1 3	23 44	0 9	14 1	0 14	13 43	1 54	33 6	9 11	23 45	23 48	14 17		n.a.	S 13
S 14	21 29	19 29	4 22	23 44	0 11	21 26	0 25	24 0	1 16	24 24	1 3	23 44	0 9	14 2	0 14	13 43	1 54	33 6	9 11	23 45	23 48	14 20		n.a.	S 14
M15	21 40	15 24	4 55	23 32	0 22	21 43	0 27	23 54	1 15	24 25	1 3	23 45	0 10	14 3	0 14	13 43	1 54	33 6	9 11	23 45	23 48	14 22		n.a.	M15
T 16	21 50	10 27	5 14	23 20	0 33	21 59	0 30	23 49	1 15	24 26	1 3	23 46	0 10	14 4	0 14	13 42	1 54	33 6	9 11	23 45	23 47	14 25		n.a.	T 16
W17	22 0	4 49	5 14	23 6	0 44	22 15	0 32	23 43	1 14	24 27	1 4	23 46	0 10	14 5	0 14	13 42	1 53	33 6	9 11	23 45	23 47	14 28		n.a.	W17
T 18	22 9	1n13	4 55	22 53	0 56	22 30	0 34	23 37	1 14	24 27	1 4	23 47	0 10	14 6	0 14	13 42	1 53	33 6	9 11	23 45	23 47	14 30		n.a.	T 18
F 19	22 18	7 20	4 17	22 39	1 8	22 45	0 36	23 30	1 13	24 28	1 4	23 47	0 10	14 7	0 14	13 41	1 53	33 6	9 11	23 45	23 47	14 33		n.a.	F 19
S 20	22 27	13 9	3 21	22 25	1 20	22 58	0 38	23 24	1 13	24 29	1 5	23 48	0 10	14 8	0 14	13 41	1 53	33 6	9 11	23 45	23 47	14 35		n.a.	S 20
S 21	22 35	18 14	2 10	22 10	1 33	23 12	0 40	23 17	1 12	24 30	1 5	23 49	0 10	14 9	0 14	13 41	1 53	33 6	9 11	23 45	23 47	14 38		n.a.	S 21
M22	22 43	22 7	0 50	21 56	1 45	23 24	0 42	23 10	1 12	24 30	1 5	23 49	0 10	14 10	0 14	13 40	1 53	33 6	9 11	23 45	23 46	14 40		n.a.	M22
T 23	22 50	24 27	0n32	21 41	1 58	23 36	0 44	23 3	1 11	24 31	1 5	23 50	0 10	14 11	0 14	13 40	1 53	33 6	9 11	23 45	23 46	14 43		n.a.	T 23
W24	22 58	25 3	1 51	21 27	2 11	23 47	0 46	22 56	1 11	24 32	1 6	23 50	0 10	14 12	0 14	13 40	1 53	33 6	9 11	23 45	23 46	14 45		n.a.	W24
T 25	23 4	23 57	3 0	21 12	2 23	23 57	0 48	22 48	1 10	24 33	1 6	23 51	0 10	14 13	0 14	13 39	1 53	33 6	9 11	23 45	23 46	14 48		n.a.	T 25
F 26	23 11	21 26	3 58	20 59	2 36	24 7	0 50	22 41	1 10	24 34	1 6	23 51	0 10	14 14	0 14	13 39	1 53	33 6	9 11	23 45	23 46	14 51		n.a.	F 26
S 27	23 17	17 50	4 40	20 45	2 48	24 16	0 52	22 33	1 9	24 34	1 6	23 52	0 11	14 15	0 14	13 39	1 53	33 6	9 11	23 45	23 46	14 53		n.a.	S 27
S 28	23 22	13 28	5 6	20 33	3 1	24 24	0 54	22 25	1 8	24 35	1 7	23 53	0 11	14 16	0 14	13 38	1 53	33 6	9 11	23 45	23 46	14 56		n.a.	S 28
M29	23 27	8 39	5 17	20 20	3 13	24 31	0 56	22 17	1 8	24 36	1 7	23 53	0 11	14 17	0 14	13 38	1 53	33 6	9 11	23 45	23 45	14 58		n.a.	M29
T 30	23n32	3n37	5n13	20n 9	3s24	24n38	0n58	22n 9	1n 7	24s37	1s 7	23n54	0n11	14n18	0s14	13n37	1n53	33n 6	9n11	23n45	23n45	15s 1		n.a.	T 30

Julian Day Number = 990709.5, Delta T = 13h02m49s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'17, Lahiri = -31°32'16 Julian Calendar 1 June 2001 BCE == Greg. Calendar 15 May 2001 BCE

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

JULY 2001 BCE (-2000) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 29 30	20♊51'50	14♎56	9°R44	23♊14	28♋20	10°R24	22♊44	8♉16	29♏32	28♊55	23°R17	23♊18	19♏ 4	n.a.	W 1
T 2	17 33 27	21°49'31	26°52	9♋29	24°28	28°59	10♑17	22°52	8°18	29°34	28°57	23♊16	23°15	19°11	n.a.	T 2
F 3	17 37 23	22°47'14	8♏43	9° 8	25°42	29°37	10°10	22°59	8°21	29°35	28°59	23°D16	23°12	19°17	n.a.	F 3
S 4	17 41 20	23°44'58	20°32	8°42	26°57	0♌16	10° 3	23° 7	8°24	29°36	29° 1	23°16	23° 9	19°24	n.a.	S 4
S 5	17 45 16	24°42'43	2♐23	8°11	28°11	0°55	9°55	23°15	8°27	29°37	29° 3	23°16	23° 5	19°31	n.a.	S 5
M 6	17 49 13	25°40'30	14°19	7°34	29°25	1°34	9°48	23°22	8°30	29°38	29° 5	23°16	23° 2	19°37	n.a.	M 6
T 7	17 53 9	26°38'18	26°21	6°53	0♋40	2°13	9°40	23°30	8°32	29°39	29° 7	23°R16	22°59	19°44	n.a.	T 7
W 8	17 57 6	27°36'08	8♑33	6° 7	1°54	2°52	9°33	23°37	8°35	29°41	29° 9	23°16	22°56	19°51	n.a.	W 8
T 9	18 1 3	28°34'00	20°54	5°18	3° 9	3°31	9°25	23°45	8°37	29°42	29°11	23°16	22°53	19°57	n.a.	T 9
F 10	18 4 59	29°31'54	3♒28	4°26	4°23	4°11	9°18	23°53	8°40	29°43	29°13	23°15	22°49	20° 4	n.a.	F 10
S 11	18 8 56	0♋29'50	16°15	3°32	5°38	4°50	9°10	24° 0	8°43	29°44	29°15	23°14	22°46	20°11	n.a.	S 11
S 12	18 12 52	1°27'47	29°16	2°38	6°52	5°29	9° 2	24° 8	8°45	29°46	29°17	23°13	22°43	20°17	n.a.	S 12
M13	18 16 49	2°25'47	12♓33	1°43	8° 7	6° 9	8°54	24°15	8°48	29°47	29°18	23°13	22°40	20°24	n.a.	M13
T 14	18 20 45	3°23'49	26° 7	0°50	9°21	6°48	8°46	24°23	8°50	29°49	29°20	23°12	22°37	20°31	n.a.	T 14
W15	18 24 42	4°21'52	9♈59	29♊59	10°36	7°28	8°39	24°31	8°52	29°50	29°22	23°D12	22°34	20°37	n.a.	W15
T 16	18 28 38	5°19'58	24° 7	29°13	11°50	8° 7	8°31	24°38	8°55	29°52	29°24	23°13	22°30	20°44	n.a.	T 16
F 17	18 32 35	6°18'07	8♉31	28°31	13° 5	8°47	8°23	24°46	8°57	29°53	29°26	23°13	22°27	20°51	n.a.	F 17
S 18	18 36 32	7°16'17	23° 7	27°54	14°19	9°27	8°15	24°53	8°59	29°55	29°28	23°15	22°24	20°57	n.a.	S 18
S 19	18 40 28	8°14'30	7♊51	27°24	15°34	10° 6	8° 7	25° 1	9° 2	29°56	29°30	23°15	22°21	21° 4	n.a.	S 19
M20	18 44 25	9°12'45	22°37	27° 2	16°49	10°46	7°59	25° 8	9° 4	29°58	29°32	23°R16	22°18	21°11	n.a.	M20
T 21	18 48 21	10°11'01	7♋17	26°47	18° 3	11°26	7°51	25°16	9° 6	29°59	29°34	23°15	22°15	21°17	n.a.	T 21
W22	18 52 18	11° 9'20	21°46	26°D41	19°18	12° 6	7°43	25°23	9° 8	0♍ 1	29°36	23°14	22°11	21°24	n.a.	W22
T 23	18 56 14	12° 7'41	5♌57	26°43	20°33	12°46	7°35	25°30	9°10	0° 2	29°37	23°12	22° 8	21°31	n.a.	T 23
F 24	19 0 11	13° 6'04	19°46	26°55	21°47	13°26	7°27	25°38	9°12	0° 4	29°39	23° 9	22° 5	21°37	n.a.	F 24
S 25	19 4 7	14° 4'28	3♍11	27°15	23° 2	14° 6	7°20	25°45	9°14	0° 6	29°41	23° 6	22° 2	21°44	n.a.	S 25
S 26	19 8 4	15° 2'54	16°12	27°43	24°17	14°47	7°12	25°53	9°16	0° 7	29°43	23° 4	21°59	21°51	n.a.	S 26
M27	19 12 1	16° 1'22	28°51	28°21	25°31	15°27	7° 4	26° 0	9°18	0° 9	29°45	23° 2	21°55	21°57	n.a.	M27
T 28	19 15 57	16°59'51	11♎10	29° 6	26°46	16° 7	6°56	26° 7	9°20	0°11	29°47	23° 1	21°52	22° 4	n.a.	T 28
W29	19 19 54	17°58'23	23°16	0♋ 0	28° 1	16°48	6°49	26°15	9°22	0°13	29°49	23°D 1	21°49	22°11	n.a.	W29
T 30	19 23 50	18°56'56	5♏11	1° 1	29°15	17°28	6°41	26°22	9°23	0°14	29°50	23° 2	21°46	22°17	n.a.	T 30
F 31	19 27 47	19♋55'32	17♏ 1	2♋ 9	0♌30	18♌ 8	6♑33	26♊29	9♉25	0♍16	29♊52	23♊ 3	21♊43	22♏24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n36	1s28	4n55	19n59	3s35	24n44	0n59	22n 0	1n 7	24s37	1s 7	23n54	0n11	14n19	0s14	13n37	1n53	33n 6	9n11	23n45	23n45	15s 3			n.a.
T 2	23 40	6 27	4 25	19 50	3 46	24 49	1 1	21 52	1 6	24 38	1 7	23 55	0 11	14 20	0 14	13 37	1 53	33 6	9 11	23 45	23 45	15 6			n.a.
F 3	23 43	11 11	3 43	19 41	3 55	24 54	1 3	21 43	1 6	24 39	1 8	23 55	0 11	14 21	0 14	13 36	1 53	33 6	9 11	23 45	23 45	15 8			n.a.
S 4	23 46	15 29	2 52	19 35	4 4	24 58	1 4	21 34	1 5	24 40	1 8	23 56	0 11	14 22	0 14	13 36	1 53	33 6	9 11	23 45	23 45	15 11			n.a.
S 5	23 49	19 12	1 53	19 29	4 11	25 0	1 6	21 25	1 5	24 41	1 8	23 56	0 11	14 23	0 14	13 35	1 53	33 6	9 11	23 45	23 44	15 13			n.a.
M 6	23 51	22 10	0 50	19 25	4 18	25 3	1 7	21 15	1 4	24 41	1 8	23 57	0 11	14 24	0 14	13 35	1 52	33 6	9 11	23 45	23 44	15 16			n.a.
T 7	23 53	24 9	0s17	19 22	4 23	25 4	1 9	21 6	1 4	24 42	1 9	23 57	0 11	14 25	0 14	13 34	1 52	33 6	9 11	23 45	23 44	15 18			n.a.
W 8	23 54	25 2	1 24	19 21	4 26	25 5	1 10	20 56	1 3	24 43	1 9	23 58	0 12	14 25	0 14	13 34	1 52	33 7	9 11	23 45	23 44	15 21			n.a.
T 9	23 55	24 41	2 27	19 22	4 28	25 5	1 11	20 46	1 3	24 44	1 9	23 58	0 12	14 26	0 14	13 33	1 52	33 7	9 11	23 45	23 44	15 23			n.a.
F 10	23 55	23 5	3 25	19 24	4 27	25 4	1 13	20 36	1 2	24 44	1 9	23 58	0 12	14 27	0 14	13 33	1 52	33 7	9 11	23 45	23 44	15 26			n.a.
S 11	23 55	20 18	4 13	19 27	4 25	25 2	1 14	20 26	1 2	24 45	1 9	23 59	0 12	14 28	0 14	13 32	1 52	33 7	9 11	23 45	23 43	15 29			n.a.
S 12	23 55	16 28	4 50	19 33	4 21	25 0	1 15	20 16	1 1	24 46	1 9	23 59	0 12	14 29	0 14	13 32	1 52	33 7	9 12	23 45	23 43	15 31			n.a.
M13	23 54	11 45	5 11	19 39	4 15	24 56	1 16	20 5	1 1	24 47	1 10	24 0	0 12	14 30	0 14	13 31	1 52	33 7	9 12	23 45	23 43	15 34			n.a.
T 14	23 53	6 24	5 16	19 48	4 8	24 52	1 17	19 55	1 0	24 47	1 10	24 0	0 12	14 30	0 14	13 31	1 52	33 7	9 12	23 45	23 43	15 36			n.a.
W15	23 51	0 36	5 3	19 58	3 58	24 47	1 18	19 44	0 59	24 48	1 10	24 1	0 12	14 31	0 14	13 30	1 52	33 7	9 12	23 45	23 43	15 39			n.a.
T 16	23 49	5n20	4 32	20 9	3 47	24 42	1 19	19 33	0 59	24 49	1 10	24 1	0 12	14 32	0 14	13 29	1 52	33 7	9 12	23 45	23 42	15 41			n.a.
F 17	23 46	11 7	3 43	20 21	3 34	24 36	1 20	19 22	0 58	24 49	1 10	24 1	0 12	14 33	0 14	13 29	1 52	33 7	9 12	23 45	23 42	15 44			n.a.
S 18	23 43	16 22	2 39	20 35	3 19	24 29	1 21	19 11	0 58	24 50	1 10	24 2	0 12	14 33	0 14	13 28	1 52	33 8	9 12	23 45	23 42	15 46			n.a.
S 19	23 40	20 41	1 24	20 50	3 4	24 21	1 22	18 59	0 57	24 51	1 11	24 2	0 13	14 34	0 14	13 28	1 52	33 8	9 12	23 45	23 42	15 49			n.a.
M20	23 36	23 39	0 4	21 6	2 48	24 12	1 22	18 48	0 57	24 51	1 11	24 3	0 13	14 35	0 14	13 27	1 52	33 8	9 12	23 45	23 42	15 51			n.a.
T 21	23 31	25 0	1n17	21 22	2 31	24 3	1 23	18 36	0 56	24 52	1 11	24 3	0 13	14 36	0 14	13 27	1 52	33 8	9 12	23 45	23 42	15 54			n.a.
W22	23 27	24 36	2 31	21 40	2 13	23 53	1 24	18 24	0 56	24 52	1 11	24 3	0 13	14 36	0 14	13 26	1 52	33 8	9 13	23 45	23 41	15 56			n.a.
T 23	23 21	22 37	3 34	21 58	1 55	23 42	1 24	18 12	0 55	24 53	1 11	24 4	0 13	14 37	0 14	13 25	1 52	33 8	9 13	23 45	23 41	15 58			n.a.
F 24	23 16	19 20	4 23	22 16	1 38	23 31	1 25	18 0	0 54	24 54	1 11	24 4	0 13	14 38	0 14	13 25	1 52	33 8	9 13	23 45	23 41	16 1			n.a.
S 25	23 10	15 8	4 56	22 34	1 20	23 18	1 25	17 47	0 54	24 54	1 11	24 4	0 13	14 38	0 14	13 24	1 52	33 8	9 13	23 44	23 41	16 3			n.a.
S 26	23 3	10 20	5 13	22 52	1 2	23 6	1 25	17 35	0 53	24 55	1 11	24 5	0 13	14 39	0 14	13 23	1 52	33 9	9 13	23 44	23 41	16 6			n.a.
M27	22 56	5 14	5 13	23 9	0 46	22 52	1 25	17 22	0 53	24 55	1 11	24 5	0 13	14 40	0 14	13 23	1 52	33 9	9 13	23 44	23 40	16 8			n.a.
T 28	22 49	0 4	4 59	23 26	0 29	22 38	1 26	17 9	0 52	24 56	1 12	24 5	0 13	14 40	0 14	13 22	1 52	33 9	9 13	23 44	23 40	16 11			n.a.
W29	22 41	5s 1	4 32	23 42	0 13	22 23	1 26	16 56	0 52	24 56	1 12	24 6	0 13	14 41	0 14	13 21	1 51	33 9	9 14	23 44	23 40	16 13			n.a.
T 30	22 33	9 51	3 54	23 57	0n 2	22 7	1 26	16 43	0 51	24 57	1 12	24 6	0 14	14 41	0 14	13 21	1 51	33 9	9 14	23 44	23 40	16 16			n.a.
F 31	22n25	14s18	3n 6	24n10	0n16	21n51	1n26	16n30	0n50	24s57	1s12	24n 6	0n14	14n42	0s14	13n20	1n51	33n 9	9n14	23n44	23n40	16s18			n.a.

Julian Day Number = 990739.5, Delta T = 13h02m47s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'13, Lahiri = -31°32'12 Julian Calendar 1 July 2001 BCE == Greg. Calendar 14 June 2001 BCE

The year -2000 astronomical counting style corresponds to year 2001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

AUGUST 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 31 43	20♋54'09	28♏50	3♋23	1♌45	18♌49	6°R26	26♊36	9♉27	0♍18	29♊54	23♊ 5	21♊40	22♏31	n.a.	S 1
S 2	19 35 40	21°52'48	10♐44	4°44	2°59	19°30	6♑19	26°43	9°28	0°20	29°56	23° 6	21°36	22°37	n.a.	S 2
M 3	19 39 36	22°51'29	22°46	6° 9	4°14	20°10	6°11	26°50	9°30	0°22	29°58	23°R 7	21°33	22°44	n.a.	M 3
T 4	19 43 33	23°50'12	4♑58	7°39	5°29	20°51	6° 4	26°58	9°31	0°24	29°59	23° 6	21°30	22°51	n.a.	T 4
W 5	19 47 29	24°48'57	17°23	9°14	6°44	21°32	5°57	27° 5	9°33	0°26	0♋ 1	23° 4	21°27	22°57	n.a.	W 5
T 6	19 51 26	25°47'44	0♒ 3	10°51	7°58	22°13	5°50	27°12	9°34	0°27	0° 3	23° 0	21°24	23° 4	n.a.	T 6
F 7	19 55 23	26°46'34	12°57	12°32	9°13	22°54	5°43	27°19	9°36	0°29	0° 5	22°55	21°21	23°11	n.a.	F 7
S 8	19 59 19	27°45'25	26° 6	14°15	10°28	23°35	5°36	27°26	9°37	0°31	0° 7	22°50	21°17	23°17	n.a.	S 8
S 9	20 3 16	28°44'19	9♓28	16° 0	11°43	24°16	5°30	27°32	9°38	0°33	0° 8	22°44	21°14	23°24	n.a.	S 9
M10	20 7 12	29°43'16	23° 3	17°47	12°57	24°57	5°23	27°39	9°40	0°35	0°10	22°39	21°11	23°31	n.a.	M10
T 11	20 11 9	0♌42'14	6♈48	19°34	14°12	25°38	5°17	27°46	9°41	0°37	0°12	22°35	21° 8	23°37	n.a.	T 11
W12	20 15 5	1°41'16	20°42	21°23	15°27	26°19	5°10	27°53	9°42	0°39	0°13	22°33	21° 5	23°44	n.a.	W12
T 13	20 19 2	2°40'19	4♉45	23°12	16°42	27° 0	5° 4	28° 0	9°43	0°41	0°15	22°D32	21° 1	23°51	n.a.	T 13
F 14	20 22 58	3°39'26	18°55	25° 2	17°57	27°42	4°58	28° 6	9°44	0°43	0°17	22°33	20°58	23°57	n.a.	F 14
S 15	20 26 55	4°38'35	3♊11	26°51	19°11	28°23	4°52	28°13	9°45	0°45	0°18	22°34	20°55	24° 4	n.a.	S 15
S 16	20 30 51	5°37'46	17°30	28°41	20°26	29° 5	4°46	28°20	9°46	0°47	0°20	22°R35	20°52	24°11	n.a.	S 16
M17	20 34 48	6°37'00	1♋49	0♌30	21°41	29°46	4°41	28°26	9°47	0°49	0°22	22°35	20°49	24°17	n.a.	M17
T 18	20 38 45	7°36'16	16° 5	2°19	22°56	0♍28	4°35	28°33	9°48	0°52	0°23	22°33	20°46	24°24	n.a.	T 18
W19	20 42 41	8°35'35	0♌14	4° 7	24°11	1° 9	4°30	28°39	9°48	0°54	0°25	22°29	20°42	24°31	n.a.	W19
T 20	20 46 38	9°34'56	14°10	5°55	25°25	1°51	4°25	28°46	9°49	0°56	0°26	22°22	20°39	24°37	n.a.	T 20
F 21	20 50 34	10°34'19	27°49	7°42	26°40	2°33	4°20	28°52	9°50	0°58	0°28	22°14	20°36	24°44	n.a.	F 21
S 22	20 54 31	11°33'44	11♍ 9	9°29	27°55	3°15	4°15	28°58	9°50	1° 0	0°30	22° 5	20°33	24°51	n.a.	S 22
S 23	20 58 27	12°33'11	24° 8	11°15	29°10	3°57	4°10	29° 4	9°51	1° 2	0°31	21°57	20°30	24°57	n.a.	S 23
M24	21 2 24	13°32'40	6♎46	13° 0	0♍24	4°39	4° 6	29°11	9°51	1° 4	0°33	21°50	20°27	25° 4	n.a.	M24
T 25	21 6 20	14°32'12	19° 7	14°45	1°39	5°21	4° 1	29°17	9°52	1° 7	0°34	21°44	20°23	25°11	n.a.	T 25
W26	21 10 17	15°31'45	1♏12	16°28	2°54	6° 3	3°57	29°23	9°52	1° 9	0°36	21°41	20°20	25°17	n.a.	W26
T 27	21 14 13	16°31'20	13° 7	18°11	4° 9	6°45	3°53	29°29	9°53	1°11	0°37	21°D40	20°17	25°24	n.a.	T 27
F 28	21 18 10	17°30'57	24°56	19°54	5°24	7°27	3°50	29°35	9°53	1°13	0°38	21°40	20°14	25°31	n.a.	F 28
S 29	21 22 7	18°30'36	6♐46	21°35	6°38	8° 9	3°46	29°41	9°53	1°15	0°40	21°41	20°11	25°37	n.a.	S 29
S 30	21 26 3	19°30'17	18°41	23°16	7°53	8°52	3°43	29°47	9°53	1°18	0°41	21°R42	20° 7	25°44	n.a.	S 30
M31	21 30 0	20♌30'00	0♑46	24♌56	9♍ 8	9♍34	3♑39	29♊52	9♉53	1♍20	0♋43	21♊41	20♊ 4	25♏51	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n16	18s12	2n 9	24n22	0n29	21n34	1n26	16n17	0n50	24s58	1s12	24n 7	0n14	14n42	0s14	13n19	1n51	33n10	9n14	23n44	23n39	16s21		n.a.
S 2	22 6	21 24	1 7	24 31	0 41	21 16	1 26	16 3	0 49	24 58	1 12	24 7	0 14	14 43	0 14	13 19	1 51	33 10	9 14	23 44	23 39	16 23		n.a.
M 3	21 57	23 41	0 2	24 39	0 52	20 58	1 25	15 49	0 49	24 58	1 12	24 7	0 14	14 43	0 14	13 18	1 51	33 10	9 14	23 44	23 39	16 26		n.a.
T 4	21 46	24 54	1s 4	24 44	1 2	20 39	1 25	15 36	0 48	24 59	1 12	24 7	0 14	14 44	0 14	13 17	1 51	33 10	9 15	23 44	23 39	16 28		n.a.
W 5	21 36	24 54	2 9	24 47	1 11	20 20	1 25	15 22	0 48	24 59	1 12	24 8	0 14	14 44	0 14	13 17	1 51	33 10	9 15	23 44	23 39	16 31		n.a.
T 6	21 25	23 37	3 8	24 47	1 19	20 0	1 24	15 8	0 47	25 0	1 12	24 8	0 14	14 45	0 14	13 16	1 51	33 10	9 15	23 44	23 38	16 33		n.a.
F 7	21 14	21 4	3 59	24 45	1 27	19 39	1 24	14 53	0 46	25 0	1 12	24 8	0 14	14 45	0 14	13 15	1 51	33 11	9 15	23 44	23 38	16 35		n.a.
S 8	21 2	17 25	4 38	24 41	1 33	19 18	1 23	14 39	0 46	25 0	1 12	24 8	0 14	14 46	0 14	13 14	1 51	33 11	9 15	23 44	23 38	16 38		n.a.
S 9	20 50	12 50	5 3	24 34	1 38	18 57	1 23	14 25	0 45	25 1	1 12	24 9	0 15	14 46	0 14	13 14	1 51	33 11	9 16	23 43	23 38	16 40		n.a.
M10	20 37	7 33	5 11	24 24	1 42	18 34	1 22	14 10	0 45	25 1	1 12	24 9	0 15	14 46	0 14	13 13	1 51	33 11	9 16	23 43	23 37	16 43		n.a.
T 11	20 24	1 51	5 1	24 12	1 46	18 12	1 21	13 55	0 44	25 1	1 12	24 9	0 15	14 47	0 14	13 12	1 51	33 11	9 16	23 43	23 37	16 45		n.a.
W12	20 11	4n 1	4 34	23 58	1 48	17 49	1 21	13 41	0 43	25 1	1 12	24 9	0 15	14 47	0 14	13 11	1 51	33 12	9 16	23 43	23 37	16 48		n.a.
T 13	19 58	9 45	3 51	23 41	1 50	17 25	1 20	13 26	0 43	25 2	1 12	24 10	0 15	14 48	0 14	13 11	1 51	33 12	9 16	23 43	23 37	16 50		n.a.
F 14	19 44	15 2	2 52	23 23	1 51	17 1	1 19	13 11	0 42	25 2	1 12	24 10	0 15	14 48	0 14	13 10	1 51	33 12	9 17	23 43	23 37	16 52		n.a.
S 15	19 29	19 32	1 43	23 2	1 51	16 36	1 18	12 55	0 42	25 2	1 12	24 10	0 15	14 48	0 14	13 9	1 51	33 12	9 17	23 43	23 36	16 55		n.a.
S 16	19 15	22 52	0 28	22 39	1 51	16 11	1 17	12 40	0 41	25 2	1 12	24 10	0 15	14 49	0 14	13 8	1 51	33 12	9 17	23 43	23 36	16 57		n.a.
M17	19 0	24 45	0n50	22 15	1 50	15 45	1 16	12 25	0 40	25 3	1 12	24 10	0 15	14 49	0 14	13 8	1 51	33 13	9 17	23 43	23 36	17 0		n.a.
T 18	18 44	24 59	2 4	21 49	1 49	15 19	1 15	12 9	0 40	25 3	1 12	24 10	0 15	14 49	0 14	13 7	1 51	33 13	9 18	23 43	23 36	17 2		n.a.
W19	18 29	23 35	3 9	21 21	1 47	14 53	1 13	11 53	0 39	25 3	1 12	24 11	0 16	14 49	0 14	13 6	1 51	33 13	9 18	23 42	23 35	17 5		n.a.
T 20	18 13	20 46	4 2	20 52	1 45	14 26	1 12	11 38	0 39	25 3	1 12	24 11	0 16	14 50	0 14	13 5	1 51	33 13	9 18	23 42	23 35	17 7		n.a.
F 21	17 56	16 50	4 40	20 21	1 42	13 59	1 11	11 22	0 38	25 3	1 12	24 11	0 16	14 50	0 14	13 4	1 51	33 14	9 18	23 42	23 35	17 9		n.a.
S 22	17 40	12 9	5 1	19 50	1 39	13 31	1 9	11 6	0 37	25 3	1 12	24 11	0 16	14 50	0 14	13 4	1 51	33 14	9 18	23 41	23 35	17 12		n.a.
S 23	17 23	7 3	5 7	19 17	1 35	13 3	1 8	10 50	0 37	25 3	1 12	24 11	0 16	14 50	0 14	13 3	1 51	33 14	9 19	23 40	23 35	17 14		n.a.
M24	17 6	1 47	4 57	18 43	1 31	12 35	1 6	10 34	0 36	25 4	1 12	24 11	0 16	14 50	0 14	13 2	1 51	33 14	9 19	23 40	23 34	17 17		n.a.
T 25	16 48	3s26	4 33	18 8	1 27	12 6	1 5	10 17	0 36	25 4	1 12	24 12	0 16	14 50	0 14	13 1	1 51	33 15	9 19	23 40	23 34	17 19		n.a.
W26	16 30	8 25	3 57	17 32	1 23	11 37	1 3	10 1	0 35	25 4	1 12	24 12	0 16	14 51	0 14	13 0	1 51	33 15	9 19	23 39	23 34	17 21		n.a.
T 27	16 12	13 3	3 12	16 55	1 18	11 8	1 1	9 45	0 34	25 4	1 12	24 12	0 16	14 51	0 14	13 0	1 51	33 15	9 20	23 39	23 34	17 24		n.a.
F 28	15 54	17 9	2 19	16 17	1 13	10 39	1 0	9 28	0 34	25 4	1 12	24 12	0 17	14 51	0 14	12 59	1 51	33 15	9 20	23 39	23 33	17 26		n.a.
S 29	15 35	20 35	1 19	15 39	1 7	10 9	0 58	9 11	0 33	25 4	1 12	24 12	0 17	14 51	0 14	12 58	1 51	33 16	9 20	23 39	23 33	17 28		n.a.
S 30	15 16	23 10	0 16	15 1	1 2	9 39	0 56	8 55	0 32	25 4	1 12	24 12	0 17	14 51	0 14	12 57	1 51	33 16	9 21	23 39	23 33	17 31		n.a.
M31	14n57	24s44	0s48	14n21	0n56	9n 8	0n54	8n38	0n32	25s 4	1s12	24n12	0n17	14n51	0s14	12n56	1n51	33n16	9n21	23n39	23n33	17s33		n.a.

Julian Day Number = 990770.5, Delta T = 13h02m45s
Ecliptic obliquity = 23°55'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'09, Lahiri = -31°32'08 Julian Calendar 1 Aug. 2001 BCE == Greg. Calendar 15 July 2001 BCE

The year -2000 astronomical counting style corresponds to year 2001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

SEPTEMBER 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 33 56	21♌29'45	13♉ 5	26♌36	10♍23	10♍16	3°R36	29♊58	9♉54	1♍22	0♋44	21°R39	20♊ 1	25♏57	n.a.	T 1
W 2	21 37 53	22°29'32	25°42	28°14	11°37	10°59	3♉33	0♋ 4	9°R54	1°24	0°45	21♊34	19°58	26° 4	n.a.	W 2
T 3	21 41 49	23°29'21	8♒39	29°52	12°52	11°41	3°31	0° 9	9°54	1°26	0°47	21°27	19°55	26°11	n.a.	T 3
F 4	21 45 46	24°29'12	21°55	1♍30	14° 7	12°24	3°28	0°15	9°53	1°29	0°48	21°17	19°52	26°17	n.a.	F 4
S 5	21 49 42	25°29'05	5♓29	3° 7	15°22	13° 7	3°26	0°20	9°53	1°31	0°49	21° 6	19°48	26°24	n.a.	S 5
S 6	21 53 39	26°29'00	19°18	4°43	16°36	13°49	3°24	0°25	9°53	1°33	0°50	20°55	19°45	26°31	n.a.	S 6
M 7	21 57 35	27°28'57	3♈18	6°18	17°51	14°32	3°22	0°31	9°53	1°35	0°51	20°45	19°42	26°37	n.a.	M 7
T 8	22 1 32	28°28'57	17°25	7°53	19° 6	15°15	3°21	0°36	9°53	1°38	0°53	20°37	19°39	26°44	n.a.	T 8
W 9	22 5 29	29°28'58	1♉35	9°28	20°20	15°58	3°19	0°41	9°52	1°40	0°54	20°32	19°36	26°51	n.a.	W 9
T 10	22 9 25	0♍29'03	15°45	11° 2	21°35	16°41	3°18	0°46	9°52	1°42	0°55	20°29	19°33	26°57	n.a.	T 10
F 11	22 13 22	1°29'09	29°52	12°35	22°50	17°24	3°17	0°51	9°51	1°44	0°56	20°D28	19°29	27° 4	n.a.	F 11
S 12	22 17 18	2°29'19	13♊57	14° 8	24° 4	18° 7	3°16	0°56	9°51	1°47	0°57	20°R28	19°26	27°11	n.a.	S 12
S 13	22 21 15	3°29'30	27°57	15°40	25°19	18°50	3°15	1° 1	9°50	1°49	0°58	20°28	19°23	27°17	n.a.	S 13
M14	22 25 11	4°29'44	11♋53	17°12	26°34	19°33	3°15	1° 5	9°50	1°51	0°59	20°27	19°20	27°24	n.a.	M14
T 15	22 29 8	5°30'00	25°42	18°43	27°48	20°16	3°15	1°10	9°49	1°53	1° 0	20°22	19°17	27°31	n.a.	T 15
W16	22 33 4	6°30'18	9♌24	20°14	29° 3	21° 0	3°D15	1°15	9°48	1°56	1° 1	20°15	19°13	27°37	n.a.	W16
T 17	22 37 1	7°30'38	22°57	21°44	0♎18	21°43	3°15	1°19	9°47	1°58	1° 2	20° 5	19°10	27°44	n.a.	T 17
F 18	22 40 58	8°31'00	6♍17	23°14	1°32	22°27	3°15	1°24	9°47	2° 0	1° 3	19°53	19° 7	27°51	n.a.	F 18
S 19	22 44 54	9°31'24	19°22	24°43	2°47	23°10	3°16	1°28	9°46	2° 2	1° 4	19°39	19° 4	27°57	n.a.	S 19
S 20	22 48 51	10°31'50	2♎11	26°12	4° 1	23°54	3°17	1°32	9°45	2° 5	1° 5	19°26	19° 1	28° 4	n.a.	S 20
M21	22 52 47	11°32'18	14°43	27°40	5°16	24°37	3°18	1°36	9°44	2° 7	1° 6	19°14	18°58	28°10	n.a.	M21
T 22	22 56 44	12°32'47	27° 0	29° 8	6°31	25°21	3°19	1°40	9°43	2° 9	1° 7	19° 4	18°54	28°17	n.a.	T 22
W23	23 0 40	13°33'18	9♏ 3	0♎35	7°45	26° 4	3°20	1°44	9°42	2°11	1° 7	18°58	18°51	28°24	n.a.	W23
T 24	23 4 37	14°33'50	20°56	2° 2	9° 0	26°48	3°22	1°48	9°41	2°13	1° 8	18°53	18°48	28°30	n.a.	T 24
F 25	23 8 33	15°34'24	2♐45	3°28	10°14	27°32	3°24	1°52	9°39	2°16	1° 9	18°52	18°45	28°37	n.a.	F 25
S 26	23 12 30	16°35'00	14°33	4°53	11°29	28°16	3°26	1°56	9°38	2°18	1°10	18°51	18°42	28°44	n.a.	S 26
S 27	23 16 26	17°35'37	26°26	6°17	12°43	29° 0	3°28	1°59	9°37	2°20	1°10	18°51	18°38	28°50	n.a.	S 27
M28	23 20 23	18°36'16	8♑30	7°41	13°58	29°44	3°30	2° 3	9°36	2°22	1°11	18°50	18°35	28°57	n.a.	M28
T 29	23 24 20	19°36'56	20°51	9° 4	15°12	0♎28	3°33	2° 6	9°34	2°24	1°12	18°47	18°32	29° 4	n.a.	T 29
W30	23 28 16	20♍37'37	3♒33	10♎25	16♎27	1♎12	3♑36	2♋ 9	9♉33	2♍27	1♋12	18♊42	18♊29	29♏10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n37	25s 7	1s52	13n41	0n50	8n38	0n52	8n21	0n31	25s 4	1s11	24n13	0n17	14n51	0s14	12n56	1n51	33n16	9n21	23n39	23n32	17s36		n.a.
W 2	14 18	24 14	2 51	13 1	0 44	8 7	0 50	8 4	0 31	25 4	1 11	24 13	0 17	14 51	0 14	12 55	1 51	33 17	9 21	23 39	23 32	17 38		n.a.
T 3	13 58	22 3	3 43	12 21	0 38	7 36	0 48	7 47	0 30	25 4	1 11	24 13	0 17	14 51	0 14	12 54	1 51	33 17	9 22	23 39	23 32	17 40		n.a.
F 4	13 37	18 39	4 24	11 39	0 32	7 5	0 46	7 30	0 29	25 4	1 11	24 13	0 17	14 51	0 14	12 53	1 51	33 17	9 22	23 38	23 32	17 43		n.a.
S 5	13 17	14 12	4 52	10 58	0 26	6 33	0 44	7 12	0 29	25 4	1 11	24 13	0 17	14 51	0 14	12 52	1 51	33 18	9 22	23 37	23 31	17 45		n.a.
S 6	12 56	8 56	5 3	10 17	0 19	6 2	0 42	6 55	0 28	25 4	1 11	24 13	0 18	14 51	0 14	12 52	1 51	33 18	9 23	23 36	23 31	17 47		n.a.
M 7	12 35	3 10	4 56	9 35	0 13	5 30	0 39	6 38	0 27	25 4	1 11	24 13	0 18	14 51	0 14	12 51	1 51	33 18	9 23	23 36	23 31	17 50		n.a.
T 8	12 14	2n49	4 31	8 53	0 6	4 58	0 37	6 20	0 27	25 4	1 11	24 13	0 18	14 51	0 14	12 50	1 51	33 18	9 23	23 35	23 31	17 52		n.a.
W 9	11 53	8 41	3 49	8 10	0s 0	4 26	0 35	6 3	0 26	25 4	1 11	24 13	0 18	14 50	0 14	12 49	1 51	33 19	9 23	23 35	23 30	17 54		n.a.
T 10	11 31	14 8	2 53	7 28	0 7	3 54	0 33	5 45	0 25	25 4	1 11	24 13	0 18	14 50	0 14	12 48	1 51	33 19	9 24	23 35	23 30	17 57		n.a.
F 11	11 10	18 47	1 47	6 46	0 14	3 22	0 30	5 27	0 25	25 4	1 11	24 14	0 18	14 50	0 14	12 47	1 51	33 19	9 24	23 34	23 30	17 59		n.a.
S 12	10 48	22 22	0 35	6 3	0 20	2 49	0 28	5 10	0 24	25 4	1 11	24 14	0 18	14 50	0 14	12 47	1 51	33 20	9 24	23 34	23 30	18 1		n.a.
S 13	10 26	24 34	0n40	5 21	0 27	2 17	0 25	4 52	0 23	25 3	1 10	24 14	0 18	14 50	0 14	12 46	1 51	33 20	9 25	23 34	23 29	18 4		n.a.
M14	10 3	25 13	1 51	4 38	0 34	1 45	0 23	4 34	0 23	25 3	1 10	24 14	0 19	14 50	0 14	12 45	1 51	33 20	9 25	23 34	23 29	18 6		n.a.
T 15	9 41	24 18	2 55	3 56	0 41	1 12	0 20	4 16	0 22	25 3	1 10	24 14	0 19	14 49	0 14	12 44	1 51	33 21	9 25	23 34	23 29	18 8		n.a.
W16	9 18	21 55	3 48	3 14	0 47	0 39	0 18	3 58	0 22	25 3	1 10	24 14	0 19	14 49	0 14	12 43	1 51	33 21	9 26	23 34	23 29	18 11		n.a.
T 17	8 55	18 21	4 28	2 31	0 54	0 7	0 15	3 40	0 21	25 3	1 10	24 14	0 19	14 49	0 14	12 43	1 51	33 21	9 26	23 33	23 28	18 13		n.a.
F 18	8 32	13 54	4 52	1 49	1 0	0s26	0 13	3 22	0 20	25 3	1 10	24 14	0 19	14 49	0 14	12 42	1 51	33 22	9 26	23 32	23 28	18 15		n.a.
S 19	8 9	8 53	5 0	1 7	1 7	0 58	0 10	3 4	0 20	25 3	1 10	24 14	0 19	14 48	0 14	12 41	1 51	33 22	9 27	23 31	23 28	18 18		n.a.
S 20	7 46	3 35	4 53	0 25	1 13	1 31	0 8	2 46	0 19	25 3	1 10	24 14	0 19	14 48	0 14	12 40	1 51	33 22	9 27	23 30	23 28	18 20		n.a.
M21	7 23	1s45	4 32	0s16	1 20	2 4	0 5	2 27	0 18	25 3	1 10	24 14	0 19	14 48	0 14	12 39	1 51	33 23	9 27	23 29	23 27	18 22		n.a.
T 22	6 59	6 55	3 58	0 57	1 26	2 36	0 2	2 9	0 18	25 2	1 9	24 14	0 20	14 47	0 14	12 39	1 51	33 23	9 28	23 28	23 27	18 25		n.a.
W23	6 36	11 45	3 14	1 38	1 32	3 9	0s 0	1 51	0 17	25 2	1 9	24 14	0 20	14 47	0 14	12 38	1 51	33 23	9 28	23 27	23 27	18 27		n.a.
T 24	6 12	16 4	2 22	2 19	1 38	3 41	0 3	1 33	0 16	25 2	1 9	24 15	0 20	14 47	0 14	12 37	1 51	33 23	9 28	23 27	23 27	18 29		n.a.
F 25	5 48	19 45	1 24	2 59	1 44	4 13	0 6	1 14	0 16	25 2	1 9	24 15	0 20	14 46	0 14	12 36	1 51	33 24	9 29	23 27	23 26	18 32		n.a.
S 26	5 24	22 38	0 23	3 38	1 49	4 46	0 9	0 56	0 15	25 2	1 9	24 15	0 20	14 46	0 14	12 35	1 51	33 24	9 29	23 27	23 26	18 34		n.a.
S 27	5 0	24 33	0s40	4 18	1 55	5 18	0 11	0 37	0 14	25 2	1 9	24 15	0 20	14 46	0 14	12 35	1 51	33 24	9 29	23 27	23 26	18 36		n.a.
M28	4 36	25 21	1 42	4 56	2 0	5 50	0 14	0 19	0 14	25 1	1 9	24 15	0 20	14 45	0 14	12 34	1 51	33 25	9 30	23 27	23 25	18 38		n.a.
T 29	4 12	24 55	2 41	5 34	2 5	6 22	0 17	0 1	0 13	25 1	1 9	24 15	0 20	14 45	0 14	12 33	1 51	33 25	9 30	23 26	23 25	18 41		n.a.
W30	3n47	23s12	3s33	6s11	2s10	6s53	0s19	0s18	0n12	25s 1	1s 9	24n15	0n21	14n44	0s14	12n32	1n51	33n26	9n30	23n26	23n25	18s43		n.a.

Julian Day Number = 990801.5, Delta T = 13h02m43s
Ecliptic obliquity = 23°55'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'04, Lahiri = -31°32'04 Julian Calendar 1 Sept. 2001 BCE == Greg. Calendar 15 Aug. 2001 BCE

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

OCTOBER 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 32 13	21♍38'19	16♒38	11♎46	17♎41	1♎56	3♑39	2♋13	9°R31	2♍29	1♋13	18°R34	18♊26	29♏17	n.a.	T 1
F 2	23 36 9	22°39'03	0♓ 8	13° 6	18°55	2°40	3°42	2°16	9♉30	2°31	1°13	18♊23	18°23	29°24	n.a.	F 2
S 3	23 40 6	23°39'49	14° 2	14°24	20°10	3°24	3°45	2°19	9°28	2°33	1°14	18°11	18°19	29°30	n.a.	S 3
S 4	23 44 2	24°40'36	28°16	15°41	21°24	4° 9	3°49	2°22	9°27	2°35	1°14	17°59	18°16	29°37	n.a.	S 4
M 5	23 47 59	25°41'24	12♈44	16°56	22°39	4°53	3°53	2°24	9°25	2°37	1°15	17°47	18°13	29°44	n.a.	M 5
T 6	23 51 55	26°42'14	27°19	18° 9	23°53	5°37	3°57	2°27	9°23	2°39	1°15	17°37	18°10	29°50	n.a.	T 6
W 7	23 55 52	27°43'06	11♉54	19°20	25° 7	6°22	4° 1	2°30	9°22	2°41	1°16	17°31	18° 7	29°57	n.a.	W 7
T 8	23 59 49	28°43'59	26°23	20°28	26°22	7° 6	4° 5	2°32	9°20	2°43	1°16	17°27	18° 4	0♐ 4	n.a.	T 8
F 9	0 3 45	29°44'54	10♊43	21°34	27°36	7°51	4°10	2°35	9°18	2°45	1°16	17°26	18° 0	0°10	n.a.	F 9
S 10	0 7 42	0♎45'51	24°50	22°36	28°50	8°36	4°14	2°37	9°16	2°48	1°17	17°26	17°57	0°17	n.a.	S 10
S 11	0 11 38	1°46'49	8♋45	23°35	0♏ 4	9°20	4°19	2°39	9°15	2°50	1°17	17°26	17°54	0°24	n.a.	S 11
M12	0 15 35	2°47'49	22°28	24°29	1°19	10° 5	4°24	2°41	9°13	2°52	1°17	17°24	17°51	0°30	n.a.	M12
T 13	0 19 31	3°48'50	5♌58	25°19	2°33	10°50	4°29	2°43	9°11	2°54	1°17	17°20	17°48	0°37	n.a.	T 13
W14	0 23 28	4°49'53	19°17	26° 4	3°47	11°35	4°35	2°45	9° 9	2°56	1°18	17°14	17°44	0°44	n.a.	W14
T 15	0 27 24	5°50'57	2♍26	26°42	5° 1	12°19	4°41	2°47	9° 7	2°58	1°18	17° 4	17°41	0°50	n.a.	T 15
F 16	0 31 21	6°52'02	15°23	27°14	6°16	13° 4	4°46	2°49	9° 5	2°59	1°18	16°52	17°38	0°57	n.a.	F 16
S 17	0 35 18	7°53'09	28° 8	27°38	7°30	13°49	4°52	2°50	9° 3	3° 1	1°18	16°39	17°35	1° 3	n.a.	S 17
S 18	0 39 14	8°54'16	10♎40	27°54	8°44	14°34	4°58	2°52	9° 0	3° 3	1°18	16°26	17°32	1°10	n.a.	S 18
M19	0 43 11	9°55'25	23° 1	28°R 0	9°58	15°19	5° 5	2°53	8°58	3° 5	1°18	16°15	17°29	1°17	n.a.	M19
T 20	0 47 7	10°56'35	5♏ 9	27°56	11°12	16° 4	5°11	2°54	8°56	3° 7	1°R18	16° 5	17°25	1°23	n.a.	T 20
W21	0 51 4	11°57'45	17° 8	27°42	12°26	16°50	5°18	2°55	8°54	3° 9	1°18	15°58	17°22	1°30	n.a.	W21
T 22	0 55 0	12°58'56	28°59	27°17	13°40	17°35	5°25	2°56	8°52	3°11	1°18	15°54	17°19	1°37	n.a.	T 22
F 23	0 58 57	14° 0'08	10♐45	26°40	14°54	18°20	5°32	2°57	8°49	3°13	1°18	15°D52	17°16	1°43	n.a.	F 23
S 24	1 2 53	15° 1'21	22°31	25°52	16° 8	19° 5	5°39	2°58	8°47	3°14	1°18	15°52	17°13	1°50	n.a.	S 24
S 25	1 6 50	16° 2'34	4♑23	24°54	17°22	19°51	5°46	2°59	8°45	3°16	1°18	15°53	17° 9	1°57	n.a.	S 25
M26	1 10 47	17° 3'48	16°24	23°46	18°36	20°36	5°53	2°59	8°42	3°18	1°17	15°R54	17° 6	2° 3	n.a.	M26
T 27	1 14 43	18° 5'02	28°42	22°31	19°50	21°22	6° 1	3° 0	8°40	3°20	1°17	15°53	17° 3	2°10	n.a.	T 27
W28	1 18 40	19° 6'17	11♒20	21°11	21° 4	22° 7	6° 9	3° 0	8°38	3°21	1°17	15°50	17° 0	2°17	n.a.	W28
T 29	1 22 36	20° 7'31	24°24	19°48	22°18	22°53	6°17	3° 0	8°35	3°23	1°17	15°46	16°57	2°23	n.a.	T 29
F 30	1 26 33	21° 8'47	7♓56	18°26	23°32	23°38	6°25	3°R 0	8°33	3°25	1°17	15°39	16°54	2°30	n.a.	F 30
S 31	1 30 29	22♎10'02	21♓56	17♎ 7	24♏45	24♎24	6♑33	3♋ 0	8♉30	3♍26	1♋16	15♊30	16♊50	2♐37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	3n23	20s13	4s16	6s48	2s14	7s25	0s22	0s36	0n12	25s 1	1s 8	24n15	0n21	14n44	0s14	12n31	1n51	33n26	9n31	23n25	23n25	18s45			n.a.
F 2	2 58	16 5	4 46	7 23	2 18	7 56	0 25	0 55	0 11	25 1	1 8	24 15	0 21	14 43	0 14	12 31	1 51	33 26	9 31	23 24	23 24	18 48			n.a.
S 3	2 34	11 0	5 0	7 58	2 22	8 28	0 28	1 13	0 10	25 0	1 8	24 15	0 21	14 43	0 14	12 30	1 51	33 27	9 31	23 23	23 24	18 50			n.a.
S 4	2 9	5 12	4 56	8 31	2 25	8 59	0 30	1 32	0 10	25 0	1 8	24 15	0 21	14 42	0 14	12 29	1 51	33 27	9 32	23 22	23 24	18 52			n.a.
M 5	1 45	0n57	4 33	9 3	2 28	9 30	0 33	1 51	0 9	25 0	1 8	24 15	0 21	14 42	0 14	12 28	1 51	33 27	9 32	23 21	23 23	18 54			n.a.
T 6	1 20	7 7	3 52	9 34	2 31	10 0	0 36	2 9	0 8	25 0	1 8	24 15	0 21	14 41	0 14	12 28	1 51	33 28	9 32	23 20	23 23	18 57			n.a.
W 7	0 56	12 56	2 56	10 3	2 33	10 31	0 39	2 28	0 8	24 59	1 8	24 16	0 21	14 41	0 14	12 27	1 51	33 28	9 33	23 20	23 23	18 59			n.a.
T 8	0 31	17 59	1 49	10 31	2 34	11 1	0 41	2 46	0 7	24 59	1 8	24 16	0 22	14 40	0 14	12 26	1 51	33 28	9 33	23 19	23 23	19 1			n.a.
F 9	0 6	21 55	0 35	10 57	2 35	11 31	0 44	3 5	0 6	24 59	1 7	24 16	0 22	14 39	0 14	12 25	1 51	33 29	9 34	23 19	23 22	19 3			n.a.
S 10	0s19	24 29	0n39	11 21	2 35	12 0	0 47	3 23	0 6	24 59	1 7	24 16	0 22	14 39	0 14	12 25	1 51	33 29	9 34	23 19	23 22	19 6			n.a.
S 11	0 43	25 28	1 50	11 43	2 34	12 29	0 49	3 42	0 5	24 58	1 7	24 16	0 22	14 38	0 14	12 24	1 51	33 29	9 34	23 19	23 22	19 8			n.a.
M12	1 8	24 52	2 54	12 2	2 32	12 58	0 52	4 0	0 4	24 58	1 7	24 16	0 22	14 38	0 14	12 23	1 52	33 30	9 35	23 19	23 21	19 10			n.a.
T 13	1 33	22 49	3 47	12 18	2 30	13 27	0 54	4 19	0 4	24 58	1 7	24 16	0 22	14 37	0 14	12 23	1 52	33 30	9 35	23 18	23 21	19 12			n.a.
W14	1 57	19 33	4 27	12 32	2 27	13 56	0 57	4 37	0 3	24 57	1 7	24 16	0 22	14 36	0 14	12 22	1 52	33 30	9 35	23 18	23 21	19 14			n.a.
T 15	2 22	15 21	4 52	12 42	2 22	14 24	1 0	4 56	0 2	24 57	1 7	24 16	0 23	14 36	0 14	12 21	1 52	33 31	9 36	23 17	23 21	19 17			n.a.
F 16	2 47	10 29	5 2	12 48	2 16	14 51	1 2	5 14	0 2	24 57	1 7	24 16	0 23	14 35	0 14	12 21	1 52	33 31	9 36	23 16	23 20	19 19			n.a.
S 17	3 11	5 16	4 56	12 50	2 9	15 18	1 5	5 33	0 1	24 56	1 7	24 16	0 23	14 34	0 14	12 20	1 52	33 31	9 36	23 14	23 20	19 21			n.a.
S 18	3 36	0s 6	4 36	12 48	2 0	15 45	1 7	5 51	0 0	24 56	1 6	24 17	0 23	14 34	0 14	12 19	1 52	33 32	9 37	23 13	23 20	19 23			n.a.
M19	4 0	5 22	4 3	12 41	1 50	16 12	1 10	6 10	0s 1	24 56	1 6	24 17	0 23	14 33	0 14	12 19	1 52	33 32	9 37	23 12	23 19	19 26			n.a.
T 20	4 25	10 23	3 19	12 29	1 39	16 38	1 12	6 28	0 1	24 55	1 6	24 17	0 23	14 32	0 14	12 18	1 52	33 33	9 37	23 11	23 19	19 28			n.a.
W21	4 49	14 57	2 27	12 12	1 26	17 4	1 14	6 46	0 2	24 55	1 6	24 17	0 23	14 32	0 14	12 17	1 52	33 33	9 38	23 10	23 19	19 30			n.a.
T 22	5 14	18 53	1 29	11 48	1 11	17 29	1 17	7 5	0 3	24 55	1 6	24 17	0 24	14 31	0 14	12 17	1 52	33 33	9 38	23 10	23 18	19 32			n.a.
F 23	5 38	22 4	0 27	11 20	0 54	17 53	1 19	7 23	0 3	24 54	1 6	24 17	0 24	14 30	0 14	12 16	1 52	33 34	9 39	23 10	23 18	19 34			n.a.
S 24	6 2	24 18	0s36	10 45	0 36	18 18	1 21	7 41	0 4	24 54	1 6	24 17	0 24	14 29	0 14	12 15	1 52	33 34	9 39	23 10	23 18	19 37			n.a.
S 25	6 26	25 29	1 38	10 6	0 17	18 41	1 23	7 59	0 5	24 53	1 6	24 17	0 24	14 29	0 14	12 15	1 52	33 34	9 39	23 10	23 17	19 39			n.a.
M26	6 50	25 29	2 36	9 22	0n 3	19 5	1 26	8 17	0 5	24 53	1 6	24 18	0 24	14 28	0 14	12 14	1 52	33 35	9 40	23 10	23 17	19 41			n.a.
T 27	7 14	24 14	3 29	8 35	0 23	19 28	1 28	8 35	0 6	24 52	1 5	24 18	0 24	14 27	0 14	12 14	1 52	33 35	9 40	23 10	23 17	19 43			n.a.
W28	7 38	21 46	4 13	7 45	0 44	19 50	1 30	8 53	0 7	24 52	1 5	24 18	0 24	14 26	0 14	12 13	1 52	33 35	9 40	23 9	23 17	19 45			n.a.
T 29	8 1	18 8	4 46	6 55	1 4	20 11	1 32	9 11	0 7	24 52	1 5	24 18	0 25	14 26	0 14	12 12	1 52	33 36	9 41	23 9	23 16	19 47			n.a.
F 30	8 25	13 26	5 4	6 5	1 23	20 33	1 34	9 29	0 8	24 51	1 5	24 18	0 25	14 25	0 14	12 12	1 52	33 36	9 41	23 8	23 16	19 50			n.a.
S 31	8s48	7s54	5s 4	5s18	1n41	20s53	1s36	9s47	0s 9	24s51	1s 5	24n18	0n25	14n24	0s14	12n11	1n52	33n36	9n41	23n 7	23n16	19s52			n.a.

Julian Day Number = 990831.5, Delta T = 13h02m41s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°39'00, Lahiri = -31°32'00 Julian Calendar 1 Oct. 2001 BCE == Greg. Calendar 14 Sept. 2001 BCE

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

NOVEMBER 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 34 26	23♎11'18	6♈21	15°R53	25♏59	25♎ 9	6♑41	3°R 0	8°R28	3♍28	1°R16	15°R21	16♊47	2♐43	n.a.	S 1
M 2	1 38 22	24°12'34	21° 7	14♎47	27°13	25°55	6°50	3♋ 0	8♉25	3°30	1♋15	15♊13	16°44	2°50	n.a.	M 2
T 3	1 42 19	25°13'50	6♉ 5	13°50	28°27	26°41	6°58	2°59	8°23	3°31	1°15	15° 6	16°41	2°57	n.a.	T 3
W 4	1 46 16	26°15'08	21° 5	13° 4	29°40	27°27	7° 7	2°59	8°20	3°33	1°15	15° 1	16°38	3° 3	n.a.	W 4
T 5	1 50 12	27°16'25	6♊ 0	12°28	0♐54	28°12	7°16	2°58	8°18	3°34	1°14	14°59	16°35	3°10	n.a.	T 5
F 6	1 54 9	28°17'44	20°42	12° 3	2° 7	28°58	7°25	2°58	8°15	3°36	1°14	14°D59	16°31	3°16	n.a.	F 6
S 7	1 58 5	29°19'02	5♋ 6	11°49	3°21	29°44	7°34	2°57	8°13	3°37	1°13	15° 0	16°28	3°23	n.a.	S 7
S 8	2 2 2	0♏20'22	19°10	11°D45	4°34	0♏30	7°44	2°56	8°10	3°39	1°13	15° 1	16°25	3°30	n.a.	S 8
M 9	2 5 58	1°21'42	2♌54	11°51	5°48	1°16	7°53	2°55	8° 8	3°40	1°12	15°R 2	16°22	3°36	n.a.	M 9
T 10	2 9 55	2°23'02	16°19	12° 6	7° 1	2° 2	8° 3	2°54	8° 5	3°41	1°11	15° 1	16°19	3°43	n.a.	T 10
W11	2 13 52	3°24'23	29°26	12°29	8°15	2°48	8°12	2°53	8° 3	3°43	1°11	14°58	16°15	3°50	n.a.	W11
T 12	2 17 48	4°25'43	12♍17	12°59	9°28	3°34	8°22	2°51	8° 0	3°44	1°10	14°53	16°12	3°56	n.a.	T 12
F 13	2 21 45	5°27'05	24°56	13°35	10°41	4°20	8°32	2°50	7°57	3°45	1° 9	14°46	16° 9	4° 3	n.a.	F 13
S 14	2 25 41	6°28'26	7♎22	14°18	11°54	5° 6	8°42	2°49	7°55	3°47	1° 9	14°39	16° 6	4°10	n.a.	S 14
S 15	2 29 38	7°29'47	19°38	15° 5	13° 8	5°53	8°52	2°47	7°52	3°48	1° 8	14°32	16° 3	4°16	n.a.	S 15
M16	2 33 34	8°31'08	1♏44	15°57	14°21	6°39	9° 3	2°45	7°50	3°49	1° 7	14°25	16° 0	4°23	n.a.	M16
T 17	2 37 31	9°32'30	13°43	16°54	15°34	7°25	9°13	2°43	7°47	3°50	1° 6	14°20	15°56	4°30	n.a.	T 17
W18	2 41 28	10°33'51	25°36	17°54	16°47	8°11	9°24	2°41	7°44	3°51	1° 6	14°16	15°53	4°36	n.a.	W18
T 19	2 45 24	11°35'12	7♐24	18°57	18° 0	8°58	9°34	2°39	7°42	3°53	1° 5	14°14	15°50	4°43	n.a.	T 19
F 20	2 49 21	12°36'32	19°10	20° 3	19°13	9°44	9°45	2°37	7°39	3°54	1° 4	14°D14	15°47	4°50	n.a.	F 20
S 21	2 53 17	13°37'52	0♑57	21°11	20°26	10°31	9°56	2°35	7°37	3°55	1° 3	14°15	15°44	4°56	n.a.	S 21
S 22	2 57 14	14°39'12	12°49	22°22	21°39	11°17	10° 7	2°32	7°34	3°56	1° 2	14°17	15°41	5° 3	n.a.	S 22
M23	3 1 10	15°40'30	24°50	23°35	22°52	12° 3	10°18	2°30	7°32	3°57	1° 1	14°19	15°37	5° 9	n.a.	M23
T 24	3 5 7	16°41'49	7♒ 6	24°50	24° 4	12°50	10°29	2°27	7°29	3°58	1° 0	14°20	15°34	5°16	n.a.	T 24
W25	3 9 3	17°43'06	19°39	26° 6	25°17	13°36	10°40	2°25	7°26	3°59	0°59	14°R21	15°31	5°23	n.a.	W25
T 26	3 13 0	18°44'23	2♓36	27°24	26°29	14°23	10°52	2°22	7°24	4° 0	0°58	14°20	15°28	5°29	n.a.	T 26
F 27	3 16 57	19°45'38	15°59	28°43	27°42	15°10	11° 3	2°19	7°21	4° 0	0°57	14°18	15°25	5°36	n.a.	F 27
S 28	3 20 53	20°46'53	29°51	0♏ 3	28°54	15°56	11°15	2°16	7°19	4° 1	0°56	14°15	15°21	5°43	n.a.	S 28
S 29	3 24 50	21°48'07	14♈12	1°25	0♑ 7	16°43	11°26	2°13	7°16	4° 2	0°55	14°12	15°18	5°49	n.a.	S 29
M30	3 28 46	22♏49'20	28♈57	2♏47	1♑19	17♏29	11♑38	2♋10	7♉14	4♍ 3	0♋54	14♊ 8	15♊15	5♐56	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s11	1s48	4s46	4s35	1n57	21s13	1s38	10s 4	0s 9	24s50	1s 5	24n18	0n25	14n23	0s14	12n11	1n52	33n37	9n42	23n 6	23n15	19s54		n.a.
M 2	9 34	4n34	4 9	3 56	2 11	21 33	1 39	10 22	0 10	24 49	1 5	24 19	0 25	14 22	0 14	12 10	1 52	33 37	9 42	23 5	23 15	19 56		n.a.
T 3	9 57	10 46	3 14	3 23	2 23	21 51	1 41	10 39	0 11	24 49	1 5	24 19	0 25	14 22	0 14	12 10	1 53	33 37	9 42	23 4	23 15	19 58		n.a.
W 4	10 20	16 23	2 5	2 56	2 32	22 10	1 43	10 57	0 11	24 48	1 5	24 19	0 25	14 21	0 14	12 9	1 53	33 38	9 43	23 4	23 14	20 0		n.a.
T 5	10 43	20 57	0 48	2 34	2 40	22 27	1 44	11 14	0 12	24 48	1 5	24 19	0 26	14 20	0 14	12 9	1 53	33 38	9 43	23 4	23 14	20 2		n.a.
F 6	11 5	24 6	0n31	2 20	2 46	22 44	1 46	11 32	0 13	24 47	1 4	24 19	0 26	14 19	0 14	12 8	1 53	33 38	9 43	23 4	23 14	20 5		n.a.
S 7	11 27	25 36	1 47	2 11	2 49	23 0	1 47	11 49	0 13	24 46	1 4	24 19	0 26	14 18	0 14	12 8	1 53	33 39	9 44	23 4	23 13	20 7		n.a.
S 8	11 49	25 24	2 54	2 7	2 51	23 16	1 49	12 6	0 14	24 46	1 4	24 19	0 26	14 17	0 14	12 7	1 53	33 39	9 44	23 4	23 13	20 9		n.a.
M 9	12 11	23 38	3 50	2 9	2 52	23 31	1 50	12 23	0 15	24 45	1 4	24 20	0 26	14 17	0 14	12 7	1 53	33 39	9 44	23 4	23 13	20 11		n.a.
T 10	12 33	20 35	4 32	2 15	2 51	23 45	1 51	12 40	0 15	24 45	1 4	24 20	0 26	14 16	0 14	12 6	1 53	33 40	9 45	23 4	23 12	20 13		n.a.
W11	12 54	16 33	4 59	2 26	2 49	23 59	1 53	12 57	0 16	24 44	1 4	24 20	0 26	14 15	0 14	12 6	1 53	33 40	9 45	23 3	23 12	20 15		n.a.
T 12	13 15	11 50	5 10	2 41	2 46	24 12	1 54	13 13	0 17	24 43	1 4	24 20	0 27	14 14	0 14	12 5	1 53	33 40	9 45	23 3	23 12	20 17		n.a.
F 13	13 36	6 42	5 5	2 59	2 43	24 24	1 55	13 30	0 17	24 42	1 4	24 20	0 27	14 13	0 14	12 5	1 53	33 41	9 46	23 2	23 11	20 19		n.a.
S 14	13 57	1 23	4 46	3 19	2 38	24 35	1 56	13 46	0 18	24 42	1 4	24 21	0 27	14 12	0 14	12 4	1 53	33 41	9 46	23 1	23 11	20 22		n.a.
S 15	14 17	3s55	4 14	3 43	2 33	24 46	1 57	14 3	0 19	24 41	1 4	24 21	0 27	14 12	0 14	12 4	1 53	33 41	9 46	23 0	23 11	20 24		n.a.
M16	14 38	9 1	3 31	4 8	2 27	24 56	1 58	14 19	0 19	24 40	1 4	24 21	0 27	14 11	0 14	12 4	1 53	33 42	9 47	23 0	23 10	20 26		n.a.
T 17	14 58	13 45	2 39	4 36	2 21	25 5	1 58	14 35	0 20	24 39	1 4	24 21	0 27	14 10	0 14	12 3	1 53	33 42	9 47	22 59	23 10	20 28		n.a.
W18	15 17	17 56	1 40	5 5	2 15	25 13	1 59	14 51	0 21	24 38	1 4	24 21	0 27	14 9	0 14	12 3	1 53	33 42	9 47	22 59	23 10	20 30		n.a.
T 19	15 37	21 22	0 37	5 36	2 8	25 21	1 59	15 7	0 21	24 38	1 3	24 21	0 28	14 8	0 14	12 3	1 53	33 43	9 47	22 58	23 9	20 32		n.a.
F 20	15 56	23 55	0s27	6 8	2 1	25 28	2 0	15 22	0 22	24 37	1 3	24 22	0 28	14 7	0 14	12 2	1 54	33 43	9 48	22 58	23 9	20 34		n.a.
S 21	16 15	25 26	1 31	6 41	1 54	25 34	2 0	15 38	0 23	24 36	1 3	24 22	0 28	14 6	0 14	12 2	1 54	33 43	9 48	22 58	23 9	20 36		n.a.
S 22	16 34	25 47	2 31	7 14	1 46	25 40	2 1	15 53	0 23	24 35	1 3	24 22	0 28	14 6	0 14	12 2	1 54	33 44	9 48	22 59	23 8	20 38		n.a.
M23	16 52	24 57	3 25	7 49	1 39	25 44	2 1	16 9	0 24	24 34	1 3	24 22	0 28	14 5	0 14	12 1	1 54	33 44	9 49	22 59	23 8	20 40		n.a.
T 24	17 10	22 55	4 11	8 24	1 31	25 48	2 1	16 24	0 25	24 33	1 3	24 22	0 28	14 4	0 14	12 1	1 54	33 44	9 49	22 59	23 8	20 42		n.a.
W25	17 28	19 44	4 46	8 59	1 23	25 51	2 1	16 39	0 25	24 32	1 3	24 23	0 28	14 3	0 14	12 1	1 54	33 44	9 49	22 59	23 7	20 44		n.a.
T 26	17 45	15 32	5 9	9 35	1 16	25 54	2 1	16 54	0 26	24 31	1 3	24 23	0 29	14 2	0 14	12 0	1 54	33 45	9 50	22 59	23 7	20 47		n.a.
F 27	18 2	10 27	5 15	10 11	1 8	25 55	2 1	17 8	0 27	24 30	1 3	24 23	0 29	14 1	0 14	12 0	1 54	33 45	9 50	22 59	23 6	20 49		n.a.
S 28	18 19	4 41	5 4	10 47	1 0	25 56	2 1	17 23	0 27	24 29	1 3	24 23	0 29	14 1	0 14	12 0	1 54	33 45	9 50	22 58	23 6	20 51		n.a.
S 29	18 35	1n31	4 33	11 23	0 52	25 56	2 0	17 37	0 28	24 28	1 3	24 23	0 29	14 0	0 14	12 0	1 54	33 46	9 50	22 58	23 6	20 53		n.a.
M30	18s51	7n50	3s44	11s59	0n45	25s55	2s 0	17s51	0s29	24s27	1s 3	24n24	0n29	13n59	0s14	11n59	1n54	33n46	9n51	22n58	23n 5	20s55		n.a.

Julian Day Number = 990862.5, Delta T = 13h02m39s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°38'56, Lahiri = -31°31'56 Julian Calendar 1 Nov. 2001 BCE == Greg. Calendar 15 Oct. 2001 BCE

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ASTRODIENST EPHEMERIS for the year 2001 BCE
geocentric

DECEMBER 2001 BCE (-2000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 32 43	23♏50'32	14♉ 0	4♏11	2♑31	18♏16	11♑50	2°R 7	7°R11	4♍ 4	0°R53	14°R 6	15♊12	6♐ 3	n.a.	T 1
W 2	3 36 39	24°51'43	29°13	5°35	3°43	19° 3	12° 2	2♋ 4	7♉ 9	4° 4	0♋52	14♊ 4	15° 9	6° 9	n.a.	W 2
T 3	3 40 36	25°52'54	14♊26	7° 0	4°55	19°50	12°14	2° 0	7° 7	4° 5	0°51	14°D 4	15° 6	6°16	n.a.	T 3
F 4	3 44 33	26°54'04	29°29	8°26	6° 7	20°36	12°26	1°57	7° 4	4° 6	0°50	14° 4	15° 2	6°23	n.a.	F 4
S 5	3 48 29	27°55'14	14♋14	9°53	7°19	21°23	12°38	1°53	7° 2	4° 6	0°48	14° 5	14°59	6°29	n.a.	S 5
S 6	3 52 26	28°56'22	28°36	11°21	8°31	22°10	12°51	1°50	6°59	4° 7	0°47	14° 7	14°56	6°36	n.a.	S 6
M 7	3 56 22	29°57'30	12♌33	12°49	9°43	22°57	13° 3	1°46	6°57	4° 7	0°46	14° 8	14°53	6°43	n.a.	M 7
T 8	4 0 19	0♐58'37	26° 4	14°18	10°54	23°44	13°15	1°42	6°55	4° 8	0°45	14°R 8	14°50	6°49	n.a.	T 8
W 9	4 4 15	1°59'44	9♍12	15°47	12° 6	24°30	13°28	1°38	6°53	4° 8	0°43	14° 8	14°47	6°56	n.a.	W 9
T 10	4 8 12	3° 0'50	21°58	17°18	13°17	25°17	13°41	1°35	6°50	4° 9	0°42	14° 8	14°43	7° 3	n.a.	T 10
F 11	4 12 9	4° 1'54	4♎27	18°48	14°29	26° 4	13°53	1°31	6°48	4° 9	0°41	14° 7	14°40	7° 9	n.a.	F 11
S 12	4 16 5	5° 2'58	16°42	20°20	15°40	26°51	14° 6	1°27	6°46	4° 9	0°40	14° 5	14°37	7°16	n.a.	S 12
S 13	4 20 2	6° 4'01	28°45	21°52	16°51	27°38	14°19	1°23	6°44	4°10	0°38	14° 4	14°34	7°22	n.a.	S 13
M14	4 23 58	7° 5'03	10♏41	23°25	18° 2	28°25	14°32	1°18	6°41	4°10	0°37	14° 3	14°31	7°29	n.a.	M14
T 15	4 27 55	8° 6'04	22°32	24°59	19°13	29°12	14°44	1°14	6°39	4°10	0°36	14° 2	14°27	7°36	n.a.	T 15
W16	4 31 51	9° 7'04	4♐20	26°33	20°24	29°59	14°57	1°10	6°37	4°11	0°34	14° 2	14°24	7°42	n.a.	W16
T 17	4 35 48	10° 8'02	16° 7	28° 8	21°35	0♐46	15°11	1° 6	6°35	4°11	0°33	14°D 2	14°21	7°49	n.a.	T 17
F 18	4 39 44	11° 8'59	27°56	29°43	22°45	1°33	15°24	1° 1	6°33	4°11	0°32	14° 2	14°18	7°56	n.a.	F 18
S 19	4 43 41	12° 9'55	9♑48	1♐20	23°56	2°20	15°37	0°57	6°31	4°11	0°30	14° 2	14°15	8° 2	n.a.	S 19
S 20	4 47 38	13°10'49	21°46	2°57	25° 6	3° 7	15°50	0°52	6°29	4°11	0°29	14° 2	14°12	8° 9	n.a.	S 20
M21	4 51 34	14°11'42	3♒53	4°34	26°16	3°54	16° 3	0°48	6°27	4°11	0°27	14°R 2	14° 8	8°16	n.a.	M21
T 22	4 55 31	15°12'33	16°12	6°13	27°26	4°41	16°17	0°43	6°26	4°R11	0°26	14° 2	14° 5	8°22	n.a.	T 22
W23	4 59 27	16°13'22	28°47	7°52	28°36	5°28	16°30	0°39	6°24	4°11	0°25	14° 2	14° 2	8°29	n.a.	W23
T 24	5 3 24	17°14'09	11♓40	9°32	29°46	6°15	16°44	0°34	6°22	4°11	0°23	14°D 2	13°59	8°36	n.a.	T 24
F 25	5 7 20	18°14'54	24°55	11°13	0♒56	7° 3	16°57	0°30	6°20	4°11	0°22	14° 2	13°56	8°42	n.a.	F 25
S 26	5 11 17	19°15'38	8♈34	12°54	2° 5	7°50	17°11	0°25	6°18	4°11	0°20	14° 2	13°53	8°49	n.a.	S 26
S 27	5 15 14	20°16'19	22°39	14°37	3°14	8°37	17°24	0°20	6°17	4°11	0°19	14° 3	13°49	8°56	n.a.	S 27
M28	5 19 10	21°16'59	7♉ 9	16°20	4°23	9°24	17°38	0°15	6°15	4°11	0°17	14° 3	13°46	9° 2	n.a.	M28
T 29	5 23 7	22°17'37	21°59	18° 4	5°32	10°11	17°52	0°11	6°14	4°10	0°16	14° 4	13°43	9° 9	n.a.	T 29
W30	5 27 3	23°18'13	7♊ 5	19°49	6°41	10°58	18° 5	0° 6	6°12	4°10	0°14	14°R 4	13°40	9°15	n.a.	W30
T 31	5 31 0	24♐18'47	22♊17	21♐35	7♒50	11♐45	18♑19	0♋ 1	6♉11	4♍10	0♋13	14♊ 4	13♊37	9♐22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19s 7	13n50	2s39	12s36	0n37	25s54	2s 0	18s 5	0s29	24s26	1s 3	24n24	0n29	13n58	0s14	11n59	1n54	33n46	9n51	22n57	23n 5	20s57			n.a.
W 2	19 22	19 4	1 21	13 12	0 29	25 51	1 59	18 19	0 30	24 24	1 3	24 24	0 29	13 57	0 14	11 59	1 54	33 46	9 51	22 57	23 5	20 59			n.a.
T 3	19 37	23 2	0n 2	13 47	0 22	25 48	1 58	18 32	0 31	24 23	1 3	24 24	0 30	13 57	0 14	11 59	1 54	33 47	9 51	22 57	23 4	21 1			n.a.
F 4	19 52	25 20	1 24	14 23	0 14	25 44	1 57	18 46	0 31	24 22	1 3	24 24	0 30	13 56	0 14	11 59	1 55	33 47	9 52	22 57	23 4	21 3			n.a.
S 5	20 6	25 47	2 39	14 58	0 7	25 39	1 57	18 59	0 32	24 21	1 3	24 25	0 30	13 55	0 14	11 59	1 55	33 47	9 52	22 57	23 4	21 5			n.a.
S 6	20 20	24 29	3 43	15 33	0s 1	25 34	1 56	19 12	0 32	24 20	1 2	24 25	0 30	13 54	0 14	11 58	1 55	33 47	9 52	22 57	23 3	21 7			n.a.
M 7	20 33	21 42	4 30	16 7	0 8	25 28	1 55	19 25	0 33	24 18	1 2	24 25	0 30	13 53	0 14	11 58	1 55	33 48	9 52	22 58	23 3	21 9			n.a.
T 8	20 46	17 48	5 2	16 41	0 15	25 21	1 53	19 38	0 34	24 17	1 2	24 25	0 30	13 53	0 14	11 58	1 55	33 48	9 53	22 58	23 3	21 11			n.a.
W 9	20 59	13 8	5 16	17 15	0 22	25 13	1 52	19 50	0 34	24 16	1 2	24 25	0 30	13 52	0 14	11 58	1 55	33 48	9 53	22 58	23 2	21 13			n.a.
T 10	21 11	8 2	5 14	17 47	0 28	25 5	1 51	20 2	0 35	24 14	1 2	24 25	0 31	13 51	0 14	11 58	1 55	33 48	9 53	22 58	23 2	21 15			n.a.
F 11	21 23	2 44	4 58	18 20	0 35	24 56	1 49	20 14	0 36	24 13	1 2	24 26	0 31	13 50	0 14	11 58	1 55	33 49	9 53	22 57	23 1	21 17			n.a.
S 12	21 34	2s35	4 27	18 51	0 41	24 46	1 48	20 26	0 36	24 12	1 2	24 26	0 31	13 50	0 14	11 58	1 55	33 49	9 53	22 57	23 1	21 19			n.a.
S 13	21 45	7 44	3 46	19 22	0 48	24 35	1 46	20 38	0 37	24 10	1 2	24 26	0 31	13 49	0 14	11 58	1 55	33 49	9 54	22 57	23 1	21 21			n.a.
M14	21 56	12 34	2 55	19 52	0 54	24 24	1 44	20 49	0 37	24 9	1 2	24 26	0 31	13 48	0 14	11 58	1 55	33 49	9 54	22 57	23 0	21 23			n.a.
T 15	22 6	16 54	1 57	20 22	1 0	24 12	1 42	21 0	0 38	24 7	1 2	24 26	0 31	13 48	0 14	11 58	1 55	33 49	9 54	22 57	23 0	21 25			n.a.
W16	22 16	20 34	0 54	20 50	1 5	23 59	1 40	21 11	0 39	24 6	1 2	24 26	0 31	13 47	0 14	11 58	1 55	33 50	9 54	22 57	23 0	21 27			n.a.
T 17	22 25	23 23	0s12	21 18	1 11	23 46	1 38	21 22	0 39	24 4	1 2	24 27	0 31	13 46	0 14	11 58	1 55	33 50	9 54	22 57	22 59	21 29			n.a.
F 18	22 34	25 11	1 17	21 44	1 16	23 32	1 36	21 32	0 40	24 3	1 2	24 27	0 32	13 46	0 14	11 58	1 56	33 50	9 55	22 57	22 59	21 31			n.a.
S 19	22 42	25 51	2 19	22 10	1 21	23 18	1 34	21 43	0 40	24 1	1 2	24 27	0 32	13 45	0 14	11 58	1 56	33 50	9 55	22 57	22 58	21 33			n.a.
S 20	22 50	25 20	3 15	22 34	1 26	23 2	1 31	21 53	0 41	23 59	1 2	24 27	0 32	13 44	0 14	11 58	1 56	33 50	9 55	22 57	22 58	21 35			n.a.
M21	22 58	23 36	4 3	22 58	1 30	22 47	1 29	22 2	0 42	23 58	1 2	24 27	0 32	13 44	0 14	11 58	1 56	33 51	9 55	22 57	22 58	21 36			n.a.
T 22	23 5	20 46	4 41	23 20	1 34	22 30	1 26	22 12	0 42	23 56	1 2	24 27	0 32	13 43	0 14	11 58	1 56	33 51	9 55	22 57	22 57	21 38			n.a.
W23	23 12	16 55	5 7	23 41	1 38	22 13	1 23	22 21	0 43	23 54	1 2	24 28	0 32	13 43	0 14	11 58	1 56	33 51	9 55	22 57	22 57	21 40			n.a.
T 24	23 18	12 12	5 18	24 1	1 42	21 55	1 21	22 30	0 43	23 53	1 2	24 28	0 32	13 42	0 14	11 58	1 56	33 51	9 56	22 57	22 56	21 42			n.a.
F 25	23 24	6 49	5 12	24 19	1 45	21 37	1 18	22 39	0 44	23 51	1 2	24 28	0 32	13 41	0 14	11 58	1 56	33 51	9 56	22 57	22 56	21 44			n.a.
S 26	23 29	0 57	4 49	24 36	1 48	21 19	1 15	22 47	0 44	23 49	1 2	24 28	0 33	13 41	0 14	11 58	1 56	33 51	9 56	22 57	22 56	21 46			n.a.
S 27	23 34	5n 9	4 9	24 51	1 51	20 59	1 12	22 56	0 45	23 47	1 2	24 28	0 33	13 40	0 14	11 58	1 56	33 51	9 56	22 57	22 55	21 48			n.a.
M28	23 38	11 10	3 11	25 5	1 53	20 39	1 8	23 4	0 46	23 46	1 2	24 28	0 33	13 40	0 14	11 58	1 56	33 52	9 56	22 57	22 55	21 50			n.a.
T 29	23 42	16 42	2 0	25 17	1 55	20 19	1 5	23 11	0 46	23 44	1 2	24 28	0 33	13 39	0 14	11 59	1 56	33 52	9 56	22 57	22 55	21 52			n.a.
W30	23 45	21 18	0 39	25 28	1 57	19 58	1 2	23 19	0 47	23 42	1 2	24 29	0 33	13 39	0 14	11 59	1 56	33 52	9 56	22 57	22 54	21 54			n.a.
T 31	23s48	24n27	0n45	25s36	1s58	19s37	0s58	23s26	0s47	23s40	1s 2	24n29	0n33	13n38	0s14	11n59	1n56	33n52	9n56	22n57	22n54	21s56			n.a.

Julian Day Number = 990892.5, Delta T = 13h02m37s
Ecliptic obliquity = 23°55'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -30°38'52, Lahiri = -31°31'52 Julian Calendar 1 Dec. 2001 BCE == Greg. Calendar 14 Nov. 2001 BCE

The year -2000 astronomical counting style corresponds to year 2001 B.C.E historical counting style.

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